Contents

A detailed list of contents appears at the beginning of each section

Introduction 5

Almanac 7

Officers of the University 13

Statutes 93
(Including the Royal Charter of the University of Sydney, The University and University Colleges Act, 1900, Other Acts of Parliament relating to the University, By-laws and Resolutions)

Foundations 375

Scholarships, prizes and bursaries 401

General information 495
(Including information about admission and enrolment, financial assistance, services, the library, museums, colleges, halls of residence, clubs and Adult Education)

Courses of study 533

Hospitals recognised for teaching purposes 655

Abbreviations 666

Index 667

Introduction

The University of Sydney was incorporated by an Act of the Legislature of New South Wales on 1 October 1850, and was the first university to be established in Australasia. The Act of incorporation was amended by subsequent Acts enlarging the scope of the University and the whole have been consolidated in the University and University Colleges Act 1900, as amended.

By a Royal Charter issued 27 February 1858, the degrees of Bachelor of Arts, Master of Arts, Bachelor of Laws, Doctor of Laws, Bachelor of Medicine and Doctor of Medicine granted by the University of Sydney are entitled to rank, precedence and consideration as if the degrees had been granted by any university of the United Kingdom.

Women were admitted to membership of the University in 1881, the degree of Bachelor of Arts being conferred on the first two women graduates in 1885.

By the University and University Colleges Act of 1900, as amended, the University is declared to be a body politic and corporate, consisting of a Senate constituted of Fellows, four being appointed by the Minister for Education, one elected by and from the members of the Legislative Council, one elected by and from the members of the Legislative Assembly, eight elected by and from such members of the full-time staff of the University as may be prescribed by the by-laws, ten who are not members of the full-time staff of the University as prescribed by the by-laws elected by the graduates of the University, three who are not members of the full-time staff of the University as prescribed by the by-laws elected by and from candidates enrolled for a degree or diploma in the University, the Chancellor if he is not otherwise a Fellow, the Vice-Chancellor for the time being, and three Fellows elected by the aforesaid Fellows. The Chancellor and the Deputy Chancellor are elected by the Senate. The Senate has power to appoint all professors and other employees, and has the entire management and superintendence over the affairs of the University, with power to make by-laws governing the discipline, curriculum, and other matters, subject to the approval of the Governor.

The Academic Board, the senior academic body within the University, is responsible for furthering and coordinating the work of the faculties and departments, and for encouraging scholarship and research. The faculties and boards of studies are responsible for the supervision of teaching and the conduct of examinations.

The ten faculties in order of establishment in the University are: the Faculties of Arts, Law, Medicine, Science, Engineering, Dentistry, Veterinary Science, Agriculture, Economics and Architecture. There are also four boards of studies that supervise the award of degrees: the Boards of Studies in Divinity, Social Work, Music and Education.

There are over eighty departments in the University, spanning a wide range of interests. In all of them active research and other scholarly activities are carried out aimed at advancing the fund of human knowledge. In the physical and biological sciences, facilities include radio telescopes, a high resolution mass spectrometer, computers and electron microscopes. In the humanities and the social sciences there is a language study centre, and library holdings of research materials are being strengthened. The University of Sydney Library has the largest university collection in Australia.

Teaching and research within the University were financed during 1982 by grants provided by the Commonwealth Government comprising $105 920 000 for general purposes, $1 170 000 as a special research grant and $470 000 to meet the salary costs of University staff employed within the teaching hospitals. This was supplemented by contributions from other university accounts of $3 448 000 and sundry other income of $1 216 000. Control was exercised over expenditure so that the accumulated deficit on the General Account was reduced to $4254.

A further government grant of $1 200 000 towards building costs was received as well as $5 540 000 for equipment.

Significant support for special research projects was received under the Australian Research Grants Scheme ($2 540 000), other Commonwealth Government agencies ($6 468 300), State Government agencies ($1 606 700) as well as from private sources ($7 651 000).

The balance held in the Special Purposes Account, other than to provide for pensions and long service leave, amounts to $53 944 000. This is in respect of more than 4100 accounts, which provide for the funding of prizes and scholarships, the support of teaching and research and such diverse activities as the operation of university farms, residences and the Sydney University Press. Balances held to support existing research commitments exceed $23 026 800.

While expenditure of $907 000 out of the income of various private foundations was incurred for purposes specified by the donors, the balances held in respect of these foundations increased by $5 140 000. This figure included new foundations and augmentations to existing foundations of $2 716 000.

It is not possible to quantify the liability which the University has to make future contributions to the State Superannuation Fund but an actuarial assessment of the Professorial Superannuation Schemes and the liability to make long service leave payments indicates that the University's unfunded liability is approximately $34 000 000.

At the time of its inauguration on 11 October 1852 in the Sydney College Building—now the Sydney Grammar School near Hyde Park—the University had a staff of three professors and a total enrolment of 24 students.

In 1983 the University had a staff of about 4000 of whom about 1420 were members of the full-time academic staff of the University (professors, readers, associate professors, lecturers, etc.). Of these, the professors numbered 131, and the student enrolment had increased to about 18 400.

The main university site, adjoining Parramatta Road and City Road, covers a total area of about 72 hectares, comprising 50.6 hectares administered by the University and 21 hectares granted to the six affiliated colleges. (A plan of the site appears inside the front cover.) In addition, several important parts of the University are located away from the main site. These include the Law School in Phillip Street, the Faculty of Dentistry at the United Dental Hospital in Chalmers Street and at Westmead, the University Farms and Rural Veterinary Centre at Camden, the Crommelin Biological Research Station at Pearl Beach, One Tree Island Marine Biology Research Station, the Plant Breeding Institute, Castle Hill, I.A. Watson Wheat Research Centre, Narrabri, the McGarvie Smith Animal Husbandry Farm near St Marys, the Molonglo Radio Observatory at Bungendore, the Fleurs Radio Astronomy Station near St Marys, the Livingston Farm Management Institute at Moree and 'Arthursleigh' at Marulan. In addition, there are eleven major teaching hospitals, which are a formal part of the University. Large numbers of students and staff are located in the hospitals. The hospitals are as follows: Royal Prince Alfred Hospital; Royal North Shore Hospital; Repatriation General Hospital, Concord; Royal Alexandra Hospital for Children; St Margaret's Hospital; Rozelle Hospital; the Macquarie Hospital; Parramatta Psychiatric Centre; Lidcombe Hospital; the Parramatta Hospitals, Westmead Centre; and the United Dental Hospital.

As much information about the University as possible has been included in this *Calendar*. The published record of the work and proceedings of the University continues in the *Annual Report* and *Research Report*, which are published each year.

In addition to publishing the *Calendar*, the University annually issues a handbook for each faculty and for each of the boards of studies as well as prospectuses for intending undergraduate students and postgraduates, a *Guide for New Students* and a *Doctor of Philosophy Handbook*. Copies of all publications may be obtained on application to the Registrar.

There is also a history in pictures published to mark the 125th year of incorporation of the University entitled *The University of Sydney 1850–1975*, and an illustrated guide *Futurity's Folly: The Great Hall*, published in 1981.

Any information required about the University, about courses offered and about admission to the University, will be readily supplied on application to the Registrar. All correspondence should be addressed to:

The Registrar
The University of Sydney
N.S.W. 2006
Australia

Almanac 1984

JANUARY

1 Sun *New Year's Day*

2 Mon *Public Holiday — New Year's Day*
3 Tue
4 Wed
5 Thu
6 Fri
7 Sat
8 Sun

9 Mon
10 Tue
11 Wed
12 Thu
13 Fri
14 Sat
15 Sun

16 Mon
17 Tue
18 Wed Student Advisory Centre — MacLaurin Hall
19 Thu Student Advisory Centre — MacLaurin Hall
20 Fri
21 Sat
22 Sun

23 Mon PhD Award Committee — WTR 1.05
24 Tue Finance Committee — SR 4.15
25 Wed Medicine Postgraduate Degrees Board — Faculty Conference Room 2.15
26 Thu DVC Committee — WTR 2.00
27 Fri
28 Sat
29 Sun

30 Mon *Public Holiday — Australia Day*
31 Tue Supplementary examinations begin
Engineering Undergraduate Studies Committee — PNR Conference Room 2.30

PBR	Professorial Board Room
SR	Senate Room
WTR	Western Tower Room
UDH	United Dental Hospital
PNR	Peter Nicol Russell (Building)

FEBRUARY

1 Wed Engineering Postgraduate Studies Committee — PNR Conference Room 2.30
2 Thu Enrolment begins — new first year students — MacLaurin Hall
3 Fri
4 Sat.
5 Sun

6 Mon Senate — SR 3.45
7 Tue *Last day for enrolment — new first year students*
Science Standing Committee and Board of Postgraduate Studies— WTR 2.15
8 Wed
9 Thu Enrolment begins — re-enrolling students (see 'Enrolment Dates' notice)
10 Fri
11 Sat
12 Sun

13 Mon
14 Tue Arts Postgraduate Committee — WTR 9.30
Dentistry Board of Postgraduate Studies — UDH 2.00
15 Wed Arts Standing Committee on Courses of Study and Admissions Committee — WTR 9.30
Committee of Lecturers of the Board of Studies in Divinity — WTR 2.00
16 Thu Academic Board Standing Committee — WTR 2.00
17 Fri
18 Sat Conferring of degrees ceremony, Great Hall: *Medicine*
19 Sun

20 Mon Academic Board — PBR 2.00
21 Tue Finance Committee — SR 4.15
22 Wed Orientation period begins
Board of Studies in Divinity — WTR 2.00
Medicine Standing Committee and Postgraduate Degrees Board — Faculty Conference Room 2.15
Faculty of Veterinary Science and Board of Postgraduate Studies — PBR 2.15
23 Thu DVC Committee — WTR 2.00
24 Fri Orientation period ends
25 Sat
26 Sun

27 Mon ***Lent term begins*** — lectures begin
PhD Award Committee — WTR 1.05
28 Tue Dentistry — Board of Postgraduate Studies — UDH
Standing Committee of Convocation — SR 7.30
29 Wed Arts Standing Committee — WTR 9.30
Conferring of degrees ceremony, Great Hall: Law

MARCH

1	**Thu**	
2	**Fri**	
3	**Sat**	Conferring of degrees ceremonies, Great Hall: Arts and Science
4	**Sun**	
5	**Mon**	Senate — SR 3.45
6	**Tue**	Arts Postgraduate Committee — WTR 9.30
		Science Standing Committee and Board of Postgraduate Studies — WTR 2.15
		Engineering Undergraduate Studies Committee — PNR Conference Room 2.30
7	**Wed**	Faculty of Medicine — PBR 3.00
8	**Thu**	
9	**Fri**	Economics Curriculum Committee — Room 397 Merewether Bdg 9.30
10	**Sat**	
11	**Sun**	
12	**Mon**	Faculty of Arts — PBR 2.00
13	**Tue**	Dentistry — Standing Committee and Board of Postgraduate Studies — UDH
		Engineering Standing Committee — PNR Conference Room 2.15
14	**Wed**	Engineering Postgraduate Studies Committee — PNR Conference Room 2.30
		Standing Committee of Convocation Executive — WTR 7.00
15	**Thu**	Academic Board — Standing Committee — WTR 2.00
16	**Fri**	Economics Standing Committee — (Venue to be advised) 9.30
17	**Sat**	Conferring of degrees ceremonies, Great Hall: Arts and Science
18	**Sun**	
19	**Mon**	Academic Board — PBR 2.00
20	**Tue**	Arts Examinations Committee — WTR 9.30
		Faculty of Science — PBR 2.15
		Finance Committee — SR 4.15
21	**Wed**	Arts Board of Studies for Diploma in Museum Studies — WTR 9.30
		Medicine Postgraduate Degrees Board — Faculty Conference Room 2.15
22	**Thu**	DVC Committee — WTR 2.00
23	**Fri**	Last day for withdrawal from subject in Faculties of Arts, Science, Economics and Boards of Studies in Education, Music and Social Work.
		Faculty of Economics — PBR 2.15
24	**Sat**	
25	**Sun**	
26	**Mon**	PhD Award Committee — WTR 1.05
27	**Tue**	Arts Planning Committee — WTR 9.30
		Faculty of Engineering — Tutorial Room 6, PNR Bdg 2.15
		Standing Committee of Convocation — SR 7.30
28	**Wed**	Arts Standing Committee on Courses of Study and Admissions Committee — WTR 9.30
		Board of Studies in Social Work — SR 9.30
29	**Thu**	Faculty of Dentistry — Board Room UDH 5.30
30	**Fri**	
31	**Sat**	Conferring of degrees ceremonies, Great Hall: Agriculture, Arts, Dentistry and Veterinary Science

APRIL

1	**Sun**	
2	**Mon**	Senate — SR 3.45
3	**Tue**	
4	**Wed**	
5	**Thu**	
6	**Fri**	Arts Library Committee — WTR 2.30
7	**Sat**	
8	**Sun**	
9	**Mon**	
10	**Tue**	Science Standing Committee and Board of Postgraduate Studies — WTR 2.15
11	**Wed**	Arts Standing Committee — WTR 9.30
		Committee of Lecturers of the Board of Studies in Divinity — WTR 2.00
12	**Thu**	Academic Board — Standing Committee — WTR 2.00
		Finance Committee — SR 4.15
13	**Fri**	Economics Planning Committee — Room 397, Merewether Bdg 9.30
14	**Sat**	Conferring of degrees ceremonies, Great Hall: Arts and Economics
15	**Sun**	
16	**Mon**	Academic Board — PBR 2.00
17	**Tue**	
18	**Wed**	Board of Studies in Divinity — WTR 2.00
		Medicine Standing Committee and Postgraduate Degrees Board — Faculty Conference Room 2.15
19	**Thu**	Easter Recess begins
20	**Fri**	*Public Holiday — Good Friday*
21	**Sat**	*Public Holiday — Easter Saturday*
22	**Sun**	*Public Holiday — Easter Sunday*
23	**Mon**	*Public Holiday — Easter Monday*
24	**Tue**	
25	**Wed**	*Public Holiday — Anzac Day*
26	**Thu**	Lectures resume
		DVC Committee — WTR 2.00
27	**Fri**	Economics Curriculum Committee — Room 397, Merewether Bdg 9.30
28	**Sat**	
29	**Sun**	
30	**Mon**	PhD Award Committee — WTR 1.05
		Faculty of Arts — PBR 2.00

MAY

1 Tue Arts Postgraduate Committee — WTR 9.30

Engineering Undergraduate Studies Committee — PNR Conference Room 2.30

2 Wed Faculty of Medicine — PBR 3.00

3 Thu

4 Fri Lectures cease

5 Sat

6 Sun

---

7 Mon Term examination week begins

Senate — SR 3.45

8 Tue Science Standing Committee and Board of Postgraduate Studies — WTR 2.15

9 Wed Standing Committee of Convocation Executive — WTR 7.00

10 Thu

11 Fri

12 Sat **Lent term ends**

13 Sun

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14 Mon AVCC Common week begins

15 Tue Finance Committee — SR 4.15

16 Wed Conferring of degrees ceremonies, Great Hall: Architecture, Divinity, Music and Social Work

17 Thu Academic Board — Standing Committee — WTR 2.00

18 Fri AVCC Common week ends

19 Sat

20 Sun

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21 Mon Academic Board — PBR 2.00

22 Tue Engineering Standing Committee — PNR Conference Room 2.15

Faculty of Science — PBR 2.15

23 Wed Conferring of degrees ceremony, Great Hall: Engineering

Standing Committee of Convocation — SR 7.30

24 Thu DVC Committee — WTR 2.00

25 Fri

26 Sat

27 Sun

---

28 Mon PhD Award Committee — WTR 1.05

29 Tue

30 Wed Medicine Postgraduate Degrees Board — Faculty Conference Room 2.15

31 Thu

JUNE

1 Fri Economics Standing Committee — (Venue to be advised) 9.30

2 Sat Conferring of degrees ceremonies, Great Hall: Arts, Education and Law

3 Sun

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4 Mon **Trinity term begins** — lectures begin

Last day for discontinuation without failure in Faculty of Law

Senate — SR 3.45

5 Tue Faculty of Engineering — Tutorial Room 6, PNR Bdg 2.15

6 Wed Arts Standing Committee on Courses of Study and Admissions Committee — WTR 9.30

Committee of Lecturers of the Board of Studies in Divinity — WTR 2.00

Board of Studies in Social Work — SR 9.30

7 Thu

8 Fri Faculty of Economics — PBR 2.15

9 Sat

10 Sun

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11 Mon *Public Holiday — Queen's Birthday*

12 Tue Dentistry Standing Committee and Board of Postgraduate Studies — UDH 2.00

Science Standing Committee and Board of Postgraduate Studies — WTR 2.15

13 Wed

14 Thu Academic Board — Standing Committee — WTR 2.00

15 Fri

16 Sat

17 Sun

---

18 Mon Academic Board — PBR 2.00

19 Tue Engineering Postgraduate Studies Committee — PNR Conference Room 2.30

20 Wed

21 Thu Finance Committee — SR 4.15

22 Fri

23 Sat

24 Sun

---

25 Mon PhD Award Committee — WTR 1.05

26 Tue

27 Wed Arts Board of Studies for Diploma in Museum Studies — WTR 9.30

Board of Studies in Divinity — WTR 2.00

28 Thu DVC Committee — WTR 2.00

Faculty of Dentistry — Board Room, UDH 5.30

29 Fri

30 Sat

JULY

1 Sun

2 Mon Senate — SR 3.45

3 Tue Arts Postgraduate Committee — WTR 9.30

Engineering Undergraduate Studies Committee — PNR Conference Room 2.30

4 Wed Arts Planning Committee — WTR 9.30

5 Thu

6 Fri Arts Library Committee — WTR 2.30

7 Sat

8 Sun

9 Mon Dentistry — Standing Committee and Board of Postgraduate Studies — UDH

10 Tue Arts Examinations Committee — WTR 9.30

Science Standing Committee and Board of Postgraduate Studies — WTR 2.15

11 Wed Arts Timetable Committee — WTR 9.30

Standing Committee of Convocation Executive — WTR 7.00

12 Thu Academic Board — Standing Committee — WTR 2.00

13 Fri

14 Sat Open Day 1984

15 Sun Open Day 1984

16 Mon Academic Board — PBR 2.00

17 Tue Faculty of Veterinary Science and Board of Postgraduate Studies — Red Room, Nepean Hall, 2.15

Engineering Standing Committee — PNR Conference Room 2.15

18 Wed Arts Standing Committee — WTR 9.30

Medicine Standing Committee and Postgraduate Degrees Board — Faculty Conference Room 2.15

19 Thu

20 Fri

21 Sat **Open Day**

22 Sun **Open Day**

23 Mon PhD Award Committee — WTR 1.05

24 Tue Faculty of Science — PBR 2.15

Finance Committee — SR 4.15

Standing Committee of Convocation — SR 7.30

25 Wed Board of Studies in Social Work — SR 9.30

26 Thu DVC Committee — WTR 2.00

Faculty of Dentistry — Board Room UDH 5.30

27 Fri Standing Committee of Convocation, Annual Graduate Dinner — Refectory, Holme Building 7.30

28 Sat

29 Sun

30 Mon Faculty of Arts — PBR 2.00

31 Tue Faculty of Engineering — Tutorial Room 6, PNR Bdg 2.15

AUGUST

1 Wed Faculty of Medicine — PBR 3.00

2 Thu

3 Fri Lectures cease

4 Sat

5 Sun

6 Mon Term examination week begins

Senate — SR 3.45

7 Tue

8 Wed

9 Thu

10 Fri

11 Sat **Trinity term ends**

12 Sun

13 Mon Careers Week begins

14 Tue Science Standing Committee and Board of Postgraduate Studies — WTR 2.15

15 Wed

16 Thu Academic Board — Standing Committee — WTR 2.00

17 Fri Careers Week ends

18 Sat

19 Sun

20 Mon PhD Award Committee — WTR 1.05

Academic Board — PBR 2.00

21 Tue Finance Committee — SR 4.15

22 Wed

23 Thu DVC Committee — WTR 2.00

24 Fri

25 Sat

26 Sun

27 Mon AVCC Common week begins

28 Tue

29 Wed Medicine Postgraduate Degrees Board — Faculty Conference Room 2.15

30 Thu

31 Fri AVCC Common week ends

SEPTEMBER

1 Sat

2 Sun

3 Mon **Michaelmas term begins**
Lectures begin
Senate — SR 3.45

4 Tue Arts Postgraduate Committee — WTR 9.30

5 Wed

6 Thu

7 Fri

8 Sat

9 Sun

10 Mon

11 Tue Science Standing Committee and Board of Postgraduate Studies — WTR 2.15
Engineering Undergraduate Studies Committee — PNR Conference Room 2.30

12 Wed Committee of Lecturers of the Board of Studies in Divinity — WTR 2.00
Standing Committee of Convocation Executive — WTR 7.00

13 Thu Academic Board — Standing Committee — WTR 2.00
Finance Committee — SR 4.15

14 Fri Economics Standing Committee — (Venue to be advised) 9.30

15 Sat

16 Sun

17 Mon Academic Board — PBR 2.00

18 Tue Engineering Postgraduate Studies Committee — PNR Conference Room 2.30

19 Wed

20 Thu

21 Fri Faculty of Economics — PBR 2.15

22 Sat

23 Sun

24 Mon PhD Award Committee — WTR 1.05

25 Tue Arts Planning Committee — WTR 9.30
Standing Committee of Convocation — SR 7.30

26 Wed

27 Thu DVC Committee — WTR 2.00

28 Fri

29 Sat

30 Sun

OCTOBER

1 Mon *Public Holiday — Eight Hour Day*
University Founded 1850

2 Tue Engineering Standing Committee — PNR Conference Room 2.15
Senate — SR 3.45

3 Wed Arts Standing Committee on Courses of Study and Admissions Committee — WTR 9.30
Board of Studies in Divinity — WTR 2.00

4 Thu Faculty of Veterinary Science and Board of Postgraduate Studies — PBR 2.15

5 Fri Arts Library Committee — WTR 2.30

6 Sat

7 Sun

8 Mon

9 Tue Arts Examinations Committee — WTR 9.30
Dentistry Standing Committee and Board of Postgraduate Studies — UDH
Science Standing Committee and Board of Postgraduate Studies — WTR 2.15

10 Wed

11 Thu Academic Board — Standing Committee — WTR 2.00

12 Fri Standing Committee of Convocation, Annual Function — Great Hall

13 Sat

14 Sun

15 Mon Academic Board — PBR 2.00

16 Tue Faculty of Engineering — Tutorial Room 6, PNR Bdg 2.15

17 Wed Arts Standing Committee — WTR 9.30
Medicine Standing Committee and Postgraduate Degrees Board — Faculty Conference Room 2.15

18 Thu

19 Fri

20 Sat

21 Sun

22 Mon PhD Award Committee — WTR 1.05

23 Tue Faculty of Science — PBR 2.15
Finance Committee — SR 4.15

24 Wed Board of Studies in Social Work — SR 9.30

25 Thu DVC Committee — WTR 2.00
Faculty of Dentistry — Board Room, UDH 5.30

26 Fri

27 Sat

28 Sun

29 Mon Faculty of Arts — PBR 2.00

30 Tue Arts Postgraduate Committee — WTR 9.30

31 Wed Faculty of Medicine — PBR 3.00

NOVEMBER

1 Thu

2 Fri Lectures cease

3 Sat

4 Sun

---

5 Mon Senate — SR 3.45

6 Tue Engineering Undergraduate Studies Committee — PNR Conference Room 2.30

7 Wed

8 Thu

9 Fri

10 Sat

11 Sun

---

12 Mon Annual examinations begin

13 Tue Science Standing Committee and Board of Postgraduate Studies — WTR 2.15

Finance Committee — SR 4.15

14 Wed Committee of Lecturers of the Board of Studies in Divinity — WTR 2.00

Standing Committee of Convocation Executive — WTR 7.00

15 Thu Academic Board — Standing Committee — WTR 2.00

16 Fri

17 Sat

18 Sun

---

19 Mon Academic Board — PBR 2.00

20 Tue

21 Wed

22 Thu

23 Fri

24 Sat

25 Sun

---

26 Mon PhD Award Committee — WTR 1.05

27 Tue Engineering Postgraduate Studies Committee — PNR Conference Room 2.30

Standing Committee of Convocation — SR 7.30

28 Wed Arts Admission Committee — WTR 9.30

29 Thu DVC Committee — WTR 2.00

30 Fri

DECEMBER

1 Sat

2 Sun

---

3 Mon Senate — SR 3.45

4 Tue Arts Postgraduate Committee — WTR 9.30

5 Wed Arts Board of Studies for the Diploma in Museum Studies — WTR 9.30

6 Thu

7 Fri

8 Sat **Michaelmas term ends**

9 Sun

---

10 Mon

11 Tue Dentistry Board of Postgraduate Studies — UDH

12 Wed Medicine Postgraduate Degrees Board — Faculty Conference Room 2.15

Board of Studies in Divinity — WTR 2.00

13 Thu Academic Board — Standing Committee — WTR 2.00

14 Fri

15 Sat

16 Sun

---

17 Mon PhD Award Committee — WTR 1.05

Academic Board — PBR 2.00

18 Tue Finance Commitee — SR 4.15

19 Wed

20 Thu

21 Fri

22 Sat

23 Sun

---

24 Mon

25 Tue *Public Holiday — Christmas Day*

26 Wed *Public Holiday — Boxing Day*

27 Thu

28 Fri

29 Sat

30 Sun

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31 Mon

Officers of the University[1]

A list of the abbreviations used for the names of institutions awarding degrees or diplomas is at the end of this volume.

Principal officers of the University 15

The Senate 16

The Academic Board 18

The faculties and boards of studies 19
Agriculture 19
Architecture 20
Arts 20
Dentistry 20
Economics 21
Engineering 21
Law 21
Medicine 21
Science 22
Veterinary Science 22

Divinity 23
Education 23
Music 23
Social Work 24

[1] At 15 October 1983 unless otherwise stated.

Other boards and committees **25**
Board of Adult Education 25
Appointments Board 25
Convocation (Standing Committee of Convocation) 25
Law Extension Committee 26
Library Committee 26
Museum Studies 26
Nutrition and Dietetics 27
Postgraduate Committee in Dental Science 27
Postgraduate Committee in Medicine 27
Postgraduate Committee in Veterinary Science 27
Psychology (Master of Psychology) 28
Research Committee 28
Sydney University Press Board 28
Teaching English as a Foreign Language 28

The professors **29**

Teaching and associated staff **34**
Faculties
Agriculture 34
Architecture 36
Arts 37
Dentistry 42
Divinity 44
Economics 44
Engineering 45
Law 47
Medicine 49
Science 65
Veterinary Science 71
Other than faculty
Adult Education 73

Studies Centres **74**

Foundations **75**

Academic Services **76**

Museums **77**

University of Sydney Library **78**

Administration **79**

Senior officers of the University since its establishment **82**

Principal officers of the University

Visitor
His Excellency Air Marshal Sir James Rowland, KBE DFC AFC KStJ
Since 20 January 1981

Chancellor
Sir Hermann David Black, Hon.DLitt *N'cle(N.S.W.)* MEc, FCIS
Since 1970

Deputy Chancellor
The Honourable Mr Justice David Mayer Selby, ED, BA LLB
Since 1971

Vice-Chancellor and Principal
Professor John Manning Ward, AO, MA LLB, FAHA FASSA FRAHS
Appointed 7 September 1981

Deputy Vice-Chancellors
Professor Michael Gleeson Taylor, MD BS *Adel.* PhD DSc *Lond.*, FRACP
Appointed 3 February 1975

Professor Arthur John Dunston, Cav., BA *Rdg* MA *Camb.*
Appointed 6 December 1982

Registrar
Keith Lynden Jennings, BA MEd
Appointed 20 June 1983

Bursar
Stephen Barry Morgan Harrison, MEc
Appointed 5 July 1982

University Librarian
Neil Anthony Charles Radford, AM PhD *Chic.* DipLib *N.S.W.* BEc, FLAA
Appointed 7 October 1980

Accountant
Ian Alastair Ramage, BEc, FASA FCIS
Appointed 21 July 1982

Secretary to the Vice-Chancellor
Marie Sim

Senate

(at 1 January 1984)

Fellows appointed by the Minister for Education to hold office for four years ending on 14 November 1986

Baiba Beata Berzins, MA DipArchAdmin *N.S. W.* BA
Laurence Elwyn Short, AO OBE (a Fellow from November 1978)
Douglas Arthur Swan, BA, FACE
The Hon. Mr Justice James Robert McClelland, BA LLB

Fellow elected by and from the members of the Legislative Council, 1 December 1981

The Hon. David Paul Landa, LLB, MLC (a Fellow from 15 November 1978 to 23 July 1980)

Fellow elected by and from the members of the Legislative Assembly, 1 December 1981

Rodney Mark Cavalier, BA, MP (a Fellow from 29 November 1978)

Fellow who is Chairman of the Academic Board elected by and from those members of the Academic Board who are members of the full-time permanent staff, for two years from 1 January 1984

Professor Neville Collis-George, MSc *Manc.* PhD *Camb.* (a Fellow from 1 January 1982)

Fellows who are Professors elected by and from the full-time permanent members of the academic staff, for two years from 1 January 1984

Professor John Ross Egerton, BVSc *Qld*, DipBact *Lond.*, MACVSc MASM

Professor Peter Robert Wilson, BA MSc *Melb.* PhD, FRAS

Professor John Atherton Young, BSc(Path) BS DSc MD *Qld*, FRACP (a Fellow from 1978–1981)

Fellows who are not Professors elected by and from the full-time permanent members of the academic staff, for two years from 1 January 1984

Patricia Mary Lahy, PhD *Belf.* BA (a Fellow from 1 January 1982)

John George Mackinolty, LLM *Melb.* (a Fellow from 1 January 1980)

Associate Professor Jean Margaret Sabine, MSc *Melb.* PhD *Lond.*, MASM (a Fellow from 1 January 1982)

Fellow elected by and from the full-time permanent members of the non-academic staff, for two years from 1 January 1984

Betty Dorothy Johnson

Fellows elected by the graduates of the University, for four years from 1 January 1983

Helen Elizabeth Archdale, MBE, BA *McG.* LLM *Lond.* (a Fellow from 12 November 1959)

Gaston Egon Bauer, MB BS, FRACP FRCP FACC (a Fellow from 17 May 1982)

Sir Hermann David Black, Hon.DLitt *N'cle(N.S. W.)* MEc, FCIS (a Fellow from 9 November 1949)

Grosvenor Charles Thomas Burfitt-Williams, DO *R.C.P. & S.* MB BS, FRACO FRACS (A Fellow from 1 January 1975)

Kenneth George Coles, BE, MIEAust FIEMechE FAIM

Katherine Evelyn Georgouras, MB BS DDM, FACD (a Fellow from 3 July 1979)

William Griffith McBride, AO CBE, MD BS, FRCOG (a Fellow from 1 January 1975)

Andrew John Refshauge, MB BS, MP

The Hon. Mr Justice David Mayer Selby, ED, BA LLB (a Fellow from 12 November 1964)

Peter Stephen Wilenski, MA *Oxf.* MPA *Harv.* MA *Car.* MB BS (a Fellow from 23 October 1963 to 21 October 1964 and from 1 January 1975)

Fellows elected by persons enrolled as candidates proceeding to a degree or diploma in the University, for one year from 1 January 1984

Jude Charles Bunbury

Bruce Robert Paterson, BSc BE

Julie Anne Plummer, BSc *N.E.*

Fellow, the Vice-Chancellor for the time being

Professor John Manning Ward, AO, MA LLB, FAHA FASSA FRAHS (a Fellow from 1 January 1974 to 31 December 1977, and from 7 September 1981)

Fellows elected by the Fellows, from 1 March 1983 to 28 February 1987

David Greenberg Block, AO

Emeritus Professor Raymond John Chambers, AO, BEc DScEcon, FASA FASSA

David Hill, MEc

Committees of the Senate

(at 1 December 1983)

Finance Committee
Emeritus Professor R. J. Chambers
Chairman of the Academic Board
Dr G. C. T. Burfitt-Williams
Mr K. G. Coles
Mr L. E. Short
Professor T. R. Watson
Mr P. Wormell

Buildings and Grounds Committee
Deputy Vice-Chancellor — (VI:2(3)(b))
Chairman or Deputy Chairman of the Academic Board
Professor J. M. Bennett
Mr H. T. Brown
Dr K. E. Georgouras
Professor R. N. Johnson
Mr J. K. Martin
Mr L. E. Short
Mr P. Wormell

Advisory Committee on Appointment to Chairs
The two Deputy Vice-Chancellors
Chairman of the Academic Board
Chairman of the Finance Committee
Miss H. E. Archdale
Professor J. M. Bennett
Dr G. C. T. Burfitt-Williams
Dr K. E. Georgouras
The Honourable D. P. Landa
Dr W. G. McBride
Mr J. G. Mackinolty
Dr A. J. Refshauge
Professor P. S. Wilenski
Professor P. R. Wilson
Mr P. Wormell

By-laws Committee*
Miss H. E. Archdale
The Honourable D. P. Landa
Mr J. G. Mackinolty

Advisory Committee on Selection of Candidates for Honorary Degrees
Chairman of the Academic Board
Dr G. E. Bauer
Dr G. C. T. Burfitt-Williams
Emeritus Professor R. J. Chambers
Mr K. G. Coles
Dr P. M. Lahy
Dr W. G. McBride
Mr J. G. Mackinolty
Associate Professor J. M. Sabine
Dr D. A. Swan
Dr P. S. Wilenski
Mr P. Wormell

Patents Committee
Deputy Vice-Chancellor (Professor M. G. Taylor)
Chairman of the Academic Board
Dr J. J. Ashley
Dr G. E. Bauer
Professor J. M. Bennett
Professor D. Campbell-Allen
Mr K. G. Coles
Professor R. E. Collins
Ms K. Ingram
Professor R. W. Parsons
Associate Professor J. Thomas
Mr P. Wormell

Senate Appeals Committee—Restriction upon Re-enrolment
Chairman of the Academic Board
Miss H. E. Archdale
Miss B. B. Berzins
Mr H. T. Brown
Mr R. M. Cavalier
Dr K. E. Georgouras
Ms K. Ingram
Dr W. G. McBride
Associate Professor J. M. Sabine
Mr P. Wormell
Committee given power to co-opt

Equal Employment Opportunity Committee
Three Fellows of Senate — Miss B. B. Berzins, Mr J. G. Mackinolty and Dr A. J. Refshauge
Four persons appointed by Senate, one from each of AWEUS, H&REA, SAUT and SUPRA — Miss J. Kay, Mrs B. Johnson, Ms J. Gaha, Ms W. Brady
The Research Fellow in the Vice-Chancellor's Office (Dr G. Poiner)
The Registrar
with power to co-opt up to four other members

Senate/SAUT Liaison Committee
Deputy Vice-Chancellor (Professor M. G. Taylor)
Chairman or Deputy Chairman of the Academic Board
Miss H. E. Archdale
Miss B. B. Berzins
Mr R. M. Cavalier
Mr L. E. Short
together with SAUT nominees

Senate–SRC Liaison Committee
Acting Deputy Vice-Chancellor (Professor A. J. Dunston)
Miss H. E. Archdale
Professor J. M. Bennett
Ms K. Ingram
Dr P. M. Lahy
Professor T. R. Watson
together with SRC nominees

Senate/AWEUS Liaison Committee
Miss H. E. Archdale
Professor J. M. Bennett
Miss B. B. Berzins
Dr P. Lahy
Mr J. G. Mackinolty
Dr A. J. Refshauge
together with AWEUS nominees

Senate/SUPRA Liaison Committee
Chairman or Deputy Chairman of the Academic Board
Dr G. E. Bauer
Associate Professor J. M. Sabine
Professor P. R. Wilson
together with SUPRA nominees

Senate Liaison Committee on Child Care
Mr K. G. Coles
Ms K. Ingram
Dr W. G. McBride
Mr J. K. Martin
Dr A. J. Refshauge
Professor T. Stapleton
together with nominees from the Sydney University Committee on Child Care

Note: The Chancellor, the Deputy Chancellor and the Vice-Chancellor and Principal are members of each of the above committees.

Student Disciplinary Appeals Committee
The Chancellor
The Deputy Chancellor
Miss H. E. Archdale
Dr G. E. Bauer
Mr R. M. Cavalier
Dr K. E. Georgouras
The Honourable D. P. Landa
Professor P. R. Wilson
Mr P. Wormell

Academic Board

(at 1 January 1984)

CHAIRMAN: Professor N. Collis-George

DEPUTY CHAIRMAN: Professor D. M. Schreuder

The composition of the Academic Board is governed by Chapter VIII of the by-laws, in the Statutes section of the *Calendar*.

Members ex officio
Members pursuant to Section 1
Chancellor
Deputy Chancellor
Vice-Chancellor
Deputy Vice-Chancellors
Deputy Principal
Registrar

Members pursuant to Section 2 (2)
(a) The professors who are full-time permanent members of the Academic staff:
—as listed on pages 29–34.
(b) such other professors as the Senate may appoint as members.
(c) The University Librarian
(d) The Director of the Department of Adult Education
(e)[1] Mr L. N. Balaam
Associate Professor R. L. Bowra
Associate Professor K. J. Cable
Associate Professor Y. Cossart
Dr P. J. Crittenden
Dr. B. S. Fisher
Associate Professor J. R. Glastonbury
Dr. B. D. Hoyos
Associate Professor T. H. Irving
Associate Professor R. I. Jack
Dr E. J. Kerr
Dr P. M. Lahy
Associate Professor J. D. Llewellyn-Jones
Mr J. G. Mackinolty
Associate Professor P. M. Moodie
Dr R. Morris
Associate Professor D. H. Napper
Associate Professor J. Robinson
Dr A. D. Stefanowska
Associate Professor J. G. Toon

[1] Membership of subsection (e) is at 1 December 1983.

Associate Professor W.-L. Walker
Associate Professor D. E. Winch
Associate Professor G. Wing

Elected members
Members elected under Section 2 (2)(f) to hold office until 31 December 1985
(f) Dr W. E. C. Andersen
Dr P. F. Apps
Dr R. S. Armstrong
Dr J. J. Ashley
Dr D. J. Austin
Associate Professor R. P. Austin
Dr D. W. Barnes
Dr R. L. Batterham
Mr B. Bilinsky
Dr R. Q. Bridge
Mr J. P. Brien
Dr A. G. Bromley
Dr J. R. Conner
Mr A. T. Craswell
Mrs M. B. Clunies Ross
Dr M. M. de Lepervanche
Mr I. S. Docherty
Mr B. S. A. Forwood
Associate Professor T. M. Gagen
Dr V. B. Hall
Associate Professor M. A. Harris
Dr S. C. Hayes
Ms S. M. Jack
Associate Professor D. M. Jackson
Dr I. D. S. Johnston
Associate Professor D. N. Love
Ms J. R. Lublin
Associate Professor N. K. Meaney
Associate Professor D. D. Millar
Dr A. J. Moule
Dr N. E. Newbigin
Ms A. L. N. Riches
Associate Professor T. L. W. Rothwell
Dr A. J. Ryan
Associate Professor J. M. Sabine
Dr J. P. Seale
Dr J. R. Seberry
Dr A. E. Sefton
Dr I. D. Smith
Associate Professor N. H. H. Smith
Associate Professor D. M. Temple
Associate Professor K. I. Turner
Mr R. J. Vann
Associate Professor N. A. Walker
Mr R. J. Wheen
Dr J. P. White
Mr G. C. Wotherspoon
(g) .....[1]
(h) .....[2]

[1] Not more than 25 undergraduate students.
[2] Not more than 5 postgraduate students.

Faculties and boards of studies

(at 31 October 1983)

The Chancellor, the Deputy Chancellor, the Vice-Chancellor and Principal, the Deputy Vice-Chancellors and the Registrar are members, *ex officio*, of all faculties and boards of studies.

FACULTY OF AGRICULTURE

DEAN: Professor J. F. Turner
The composition of the Faculty of Agriculture is governed by Section 1 of Chapter XVII of the by-laws, as follows:

Members
Members pursuant to Section 1
(a) The professors, readers, associate professors, directors, senior lecturers, lecturers, senior tutors and assistant lecturers in the Faculty of Agriculture departments who are full-time permanent or full-time temporary members of the teaching staff of the University listed under the heading 'Faculty of Agriculture' in the 'Teaching and associated staff' section of this part of the *Calendar*.
(b) *Biological Sciences:* Dr P. G. Valder, Dr M. J. Mercer
Chemistry: Associate Professor D. H. Napper, Mr A. J. Harle
Physics: Dr B. A. McInnes, Dr I. K. Skinner
Econometrics: Mr J. Goodhew, Dr E. Houghton
Economics: Mr E. Kiernan, Dr J. A. Stuckey
Education: Dr K. Laws, Dr K. Rogers
Government: Associate Professor T. H. Irving, Dr M. Leigh
Pure Mathematics: Dr N. O'Brian, Mr J. Hammer
Veterinary Physiology: Associate Professor G. M. Stone, Dr I. C. A. Martin
Veterinary Anatomy: Professor R. M. Butterfield, Dr P. R. Hopwood
(c) Dr H. W. Lea
Mr J. A. Pearman
(d) Dean, Science
Dean, Veterinary Science
Dean, Economics
(e) Director, University Farms.
Director I. A. Watson Wheat Research Centre
(f) Professor H. Lloyd-Davies
Dr R. A. McIntosh
Dr K. P. Sheridan

(g) Ms K. Donnelly
Mrs D. Hindmarsh
Mr R. Loughman
Mr A. Willson

FACULTY OF ARCHITECTURE

DEAN: Professor R. N. Johnson
The composition of the Faculty of Architecture is governed by Section 1 (1) of Chapter XIX of the by-laws, as follows:

Members
Members pursuant to Section 1 (1)
(i) The professors, readers, associate professors, senior lecturers, lecturers, senior tutors and assistant lecturers who are full-time permanent or full-time temporary members of the teaching staff of the University listed under the heading 'Faculty of Architecture' in the 'Teaching and associated staff' section of this part of the *Calendar*.
(ii) Professor V. M. Spate (Arts)
Dr F. J. B. Stilwell (Economics)
Professor R. W. Bilger (Engineering)
Dr L. D. Channon (Medicine)
Dr M. A. C. Besly (Science)
(iii) Director, Sydney University Art Workshop
(iv) Mr S. Hayman
Mr F. Littler
Dr L. Rees
Mr G. C. Rowe
Mr G. G. Stevens
Ms H. Wilson
(v) Ms A. Forsyth
Ms K. Lambert
Ms R. Lonie
Ms E. Purcell
Mr P. Thalis

FACULTY OF ARTS

DEAN: Dr P. M. Lahy
The composition of the Faculty of Arts is governed by Section 1 of Chapter X of the by-laws, as follows:

Members
Members pursuant to Section 1
(a) The professors, readers, associate professors, senior lecturers, lecturers, senior tutors and assistant lecturers who are full-time members of the teaching staff of the University listed under the following headings in the 'Teaching and associated staff' section of this part of the *Calendar*.
Faculty of Arts departments
Geography (Faculty of Science)
Pure Mathematics (Faculty of Science)
Applied Mathematics (Faculty of Science)
Mathematical Statistics (Faculty of Science)
Psychology (Faculty of Science)
Government and Public Administration (Economics)
Department of Social Work
(b) Dean, Science
Dr M. A. C. Besly
Dr D. Herbison-Evans
(c) Dean, Economics
Professors of Economics
Professor of Economic History
Dr G. Butler (Economics)
Dr S. Kim (Economics)
Associate Professor J. R. Wilson (Economics)
Dr R. Aldrich (Economic History)
Dr P. K. Hall (Economic History)
(d) Dean, Law
Associate Professor S. D. Hotop
Mrs J. R. Terry
(e) Ms S. E. Mach
Ms S. M. McNaughton
Ms L. A. Shoemark
Mr A. A. Schirato
(f) University Librarian
(g) Director, Language Study Centre
(h) Curator, Power Gallery of Contemporary Art
(i) Mr A. T. Duncan

FACULTY OF DENTISTRY

DEAN: Professor N. D. Martin
The composition of the Faculty of Dentistry is governed by Section 1 of Chapter XV of the by-laws, as follows:

Members
Members pursuant to Section 1
(a) The professors, readers, associate professors, senior lecturers, lecturers, senior tutors, assistant lecturers and tutors in the Departments of Operative Dentistry, Oral Surgery, Preventive Dentistry and Prosthetic Dentistry who are full-time permanent or full-time temporary members of the teaching staff of the University listed under the heading 'Faculty of Dentistry' in the 'Teaching and associated staff' section of this part of the *Calendar*.
(b) Dean, Medicine
Dean, Science
(c) Dr B. A. McInnes (Physics)
Dr M. J. Mercer (Biological Sciences)
Dr R. Pierens (Chemistry)
(d) *Anatomy*
Professor M. J. Blunt (Head)
Mr P. L. Davies
Bacteriology
Associate Professor Y. Cossart (Head)
Dr R. Kearney
Biochemistry
Professor R. G. Wake
Associate Professor J. Done
Dr M. A. W. Thomas
Histology and Embryology
Professor K. W. Cleland (Head)
Dr G. E. Sullivan
Pathology
Professor D. A. Cameron (Head)
Dr J. R. Gibbins
Physiology
Professor W. Burke (Head)
Associate Professor B. S. Gow
Professor J. Young
(e) Boden Professor of Human Nutrition
(f) University Librarian or nominee
(g) Dr J. Highfield
Dr B. Lilienthal
Mr A. Martin
Mr W. Winspear
(h) Miss J. Hope-Allen
Mr P. Meaney
Mr G. Murray
Mr J. Murray
Mr B. Taylor
(i) President, Dental Health, Education and Research Foundation

(j) General Superintendent of the Parramatta Hospitals, Westmead Centre
Superintendent of the United Dental Hospital of Sydney
(k) The Director of Dental Services at the Parramatta Hospitals, Westmead Centre
(l) The Director of the Institute of Dental Research
(m) Principal dental adviser of the Health Commission of New South Wales
(n) Nominee, Australian Dental Association (New South Wales Branch): Dr N. A. Hill
Nominee, Royal Australasian College of Dental Surgeons: Dr R. Harris

FACULTY OF ECONOMICS

DEAN: Professor S. M. Salsbury
The composition of the Faculty of Economics is governed by Section 1 (1) of Chapter XVIII of the by-laws, as follows:

Members
Members pursuant to Section 1 (1)
(a) The professors, readers, associate professors, senior lecturers, lecturers, senior tutors and assistant lecturers who are full-time permanent or full-time temporary members of the teaching staff of the University listed under the heading 'Faculty of Economics' in the 'Teaching and associated staff' section of this part of the *Calendar*.
(b) Dean, Arts, or representative
(c) Dean, Law, or representative
(d) *Anthropology*
Dr P. Alexander
Dr D. J. Austin
Associate Professor W. H. Newell
Geography
Professor M. T. Daly
Dr R. Horvath
(e) *Agricultural Economics*
Dr B. S. Fisher
Mrs C. Tanner
School of Physics in the field of Computer Science
Dr R. J. Kummerfeld
Dr B. J. Omodei
(f) Associate Professor E. D. Fackerell
Mrs S. M. Jack
(g) .....
(h) Mr P. Ferris
Mr P. Porteous
Mr S. Yen

FACULTY OF ENGINEERING

DEAN: Associate Professor J. R. Glastonbury
The composition of the Faculty of Engineering is governed by Section 1 (1) of Chapter XIV of the by-laws, as follows:

Members
Members pursuant to Section 1 (1)
(a) The professors, readers, associate professors, senior lecturers, lecturers, senior tutors and assistant lecturers in the Faculty of Engineering Schools and Departments who are full-time permanent or full-time temporary members of the teaching staff of the University listed under the heading 'Faculty of Engineering' in the 'Teaching and associated staff' section of this part of the *Calendar*.
(b) Professor H. Messel (Physics)
Associate Professor D. H. Napper (Chemistry)
Professor R. N. Johnson (Undergraduate Studies in Architecture)
(c) Dr S. B. Conlon (Pure Mathematics)
Associate Professor D. E. Winch (Applied Mathematics)
Professor E. Seneta (Mathematical Statistics)
Professor G. M. Philip (Geology)
Associate Professor J. G. Toon (Town and Country Planning)
(d) Associate Professor D. F. Branagan (Geology)
Dr J. Robinson (Mathematical Statistics)
Mr G. Holland (Architecture)
Dr W. B. Fraser (Applied Mathematics)
Dr H. G. Holland (Chemistry)
Dr I. D. S. Johnston (Physics)
Mr M. J. Payne (Town and Country Planning)
Dr K. Wehrhahn (Pure Mathematics)
(e) Mr K. Coles
(f) Mr K. O. Brown
(g) Ms L. Mumford
Mr J. Bunbury
(h) .....

FACULTY OF LAW

DEAN: Mr J. Mackinolty
The composition of the Faculty of Law is governed by Section 1 (a) of Chapter XI of the by-laws, as follows:

Members
Members pursuant to Section 1 (a)
(i) The professors, readers, associate professors, senior lecturers and lecturers in the subjects of the curriculum in law, being full-time permanent or temporary members of the teaching staff of the University listed under the heading 'Faculty of Law' in the 'Teaching and associated staff' section of this part of the *Calendar*.
(ii) Such part-time members of the teaching staff as have responsibility for the general conduct of particular courses in the curriculum in respect of which they are appointed, listed as indicated in (i) above.
(iii) The Hon. Mr Justice D. M. Selby
(iv) Mr G. K. Downes
(v) Mr N. N. Mainwaring
(vi) Dean, Arts
(vii) Dean, Economics
(viii) Dean, Science
(ix) Mr A. E. Naple
(x) Mr N. H. Hutchinson
(xi) Mr W. J. Cooper
Mr J. K. Martin
(xii) Mr P. T. Porteous
(xiii) Dean, Law, *N.S.W.*
(xiv) University Librarian or representative
(xv) .....

FACULTY OF MEDICINE

DEAN: Professor R. S. Gye
The composition of the Faculty of Medicine is governed by Section 1 of Chapter XII of the by-laws, as follows:

Members
Members pursuant to Section 1
(a) The professors, readers, associate professors, directors, senior lecturers, lecturers, and senior tutors who are full-time members of the teaching staff of the University and those persons upon

whom the Senate has conferred the title of Professor, Reader, Associate Professor, Director, Senior Lecturer or Lecturer listed under the following headings in the 'Teaching and associated staff' section of this part of the *Calendar:*
Faculty of Medicine departments
Biochemistry (Faculty of Science)
Commonwealth Institute of Health
Clinical Immunology Research Centre
Neurobiology Research Centre

(b) The university lecturers in Medical Jurisprudence, Diseases of the Ear, Nose and Throat and Diseases of the Skin listed as indicated in (a) above.

(c) Head, School of Chemistry, or representative
Head, School of Physics, or representative
Professor of Mathematical Statistics
Dean, Arts, or nominee
Dean, Dentistry, or nominee

(d) Director, Commonwealth Institute of Health

(e) (i) Mr J. L. Allsop (Royal Prince Alfred Hospital)
Miss L. H. Barnes (Rozelle Hospital)
Dr J. A. Thompson (Macquarie Hospital)
Mr A. B. Conomy (Repatriation General Hospital, Concord)
Mr V. H. Cumberland (Royal North Shore Hospital of Sydney)
Dr D. A. Henson (Parramatta Psychiatric Centre)
Mr J. Newlinds (Sydney Hospital)
. . . . . (Lidcombe Hospital)
. . . . . (Parramatta Hospitals/Westmead Centre)
. . . . . (Royal Alexandra Hospital for Children)
Mr K. J. Collins (St Margaret's Hospital)
Dr P. A. Rogers (Mater Misericordiae Hospital, North Sydney)
Dr W. G. McBride (Women's Hospital, Crown Street)

(ii) Mr F. Fleisher (Western Suburbs District Hospital)
Mr R. B. O. Piper (Ryde District Hospital)
Mr W. Cary (Auburn District Hospital)

(f) Mr J. A. Burgess (Royal Prince Alfred Hospital)
Mr S. G. Koorey (Repatriation General Hospital, Concord)
Dr G. E. Bauer (Royal North Shore Hospital of Sydney)
Mr P. Thursby (Lidcombe Hospital)

(g) Mr B. J. Amos (Parramatta Hospitals, Westmead Centre)
Dr G. W. Carter (Lidcombe Hospital)
Ms V. Pearson (Sydney Hospital)
Dr D. S. Child (Royal Prince Alfred Hospital)
Mr O. G. Curteis (Repatriation General Hospital, Concord)
Mr I. R. Vanderfield (Royal North Shore Hospital of Sydney)
Mr J. S. Yu (Royal Alexandra Hospital for Children)

(h) Mr C. Blackwell
Mr M. Branley
Mr M. C. Copeman
Mr G. Schembri
Ms L. Trevena

(i) Mr G. C. T. Burfitt-Williams
Dr K. E. Georgouras
Mr W. G. McBride
Dr A. Refshauge
Professor P. S. Wilenski

(j) . . . . . .
. . . . . .

(k) Nominees are members of the Faculty by virtue of one of subsections (a) to (j) inclusive.

(l) Dr V. Bulteau
Dr W. A. Cramond
Mr A. Himmelhoch
Dr R. M. McEwin
Dr S. G. Nelson
Dr P. C. Vincent

(m) Mr G. A. Broe
Professor E. S. Finckh
Professor A. Langlands
Dr M. Walker

FACULTY OF SCIENCE

DEAN: Professor R. A. Anderson

The composition of the Faculty of Science is governed by Section 1 (1) of Chapter XIII of the by-laws as follows:

Members

Members pursuant to Section 1 (1)

(a) The professors, readers, associate professors, directors, senior lecturers, lecturers, senior tutors and assistant lecturers who are full-time permanent or full-time temporary members of the teaching staff of the University listed under the following headings in the 'Teaching and associated staff' section in this part of the *Calendar.*
Faculty of Science departments
Agricultural Chemistry (Faculty of Agriculture)
Microbiology (Faculty of Agriculture)
Soil Science (Faculty of Agriculture)
Histology and Embryology (Faculty of Medicine)
Pathology (Faculty of Medicine)
Pharmacology (Faculty of Medicine)
Physiology (Faculty of Medicine)

(b) Dean, Arts
Dean, Agriculture
Dean, Engineering
Dean, Law

(c) Director, Electron Microscope Unit

(d) Director and Curator, Macleay Museum

(e) Mr A. Boden
Sir Rutherford Robertson

(f) Ms H. J. Brown
Mr D. Liddy
Mr K. Lim
Mr J. Oldroyd
Ms J. St John
Mr P. Wormell

(g) Course supervisor, DipND: Dr I. Darnton-Hill

(h) Lecturer, HPS: Dr I. Langham

(i) Director — Commonwealth Institute of Health
Professor of Immunology
Professor M. R. Bennett
Dr W. Hensley

(j) University Librarian

(k) . . . . . .

FACULTY OF VETERINARY SCIENCE

DEAN: Professor D. A. Titchen

The composition of the Faculty of Veterinary Science is governed by Section 1 of Chapter XVI of the by-laws, as follows:

Members
Members pursuant to Section 1
(a) The professors, readers, associate professors, directors, senior lecturers and lecturers who are full-time permanent members of the teaching staff of the University listed under the heading 'Faculty of Veterinary Science' in the 'Teaching and associated staff' section in this part of the *Calendar*.
(b) Professor K. W. Cleland (Head — Histology and Embryology)
Associate Professor L. B. Cobbin (Pharmacology)
Dr C. A. Rae (Histology and Embryology)
Professor G. Johnston (Head — Pharmacology)
Mrs A. M. Bersten (Biochemistry)
Professor R. G. Wake (Head — Biochemistry)
(c) Dr R. S. Armstrong (Chemistry)
Dr B. A. McInnes (Physics)
Dr W. J. R. Lanzing (Biological Sciences)
(d) Dean, Agriculture
(e) Director, University Farms
(f) The Superintendents, Senior Clinical Pathologist, Senior Clinical Instructor who are full-time permanent members of the staff of the Veterinary Hospital and Clinic and the Rural Veterinary Centre
(g) Director, University Animal Houses
(h) Mr D. R. de Kantzow
(i) Mr L. N. Balaam
(j) Dr A. D. Donald
Mr R. I. Taylor
Mr R. M. Watts, OA
(k) The short-term senior lecturers and the short-term lecturers listed as indicated in (a) above.
(l) Mr T. Annand

BOARD OF STUDIES IN DIVINITY

CHAIRMAN: Associate Professor K. J. Cable
The composition of the Board of Studies in Divinity is governed by Section 2 (1) of Chapter XA of the by-laws, as follows:

Members
Members pursuant to Section 2 (1)
(a) Dean, Arts
(b) Professor of Religious Studies
Professor of Semitic Studies
(c) University Librarian or representative
(d) Associate Professor W. H. Newell (Anthropology)
Professor J. B. Hennessy (Archaeology)
Professor W. Ritchie (Greek)
Dr J. R. Angel (History)
Dr B. D. Hoyos (Latin)
Dr J. Bacon (Traditional and Modern Philosophy)
Dr T. McMullen (Psychology)
. . . . . (Religious Studies)
Dr A. D. Crown (Semitic Studies)
(e) Dr J. A. L. Lee (Greek)
Dr G. A. Oddie (History)
(f) Warden, St Paul's College
Rector, St John's College
Principal, St Andrew's College
Principal, Sancta Sophia College
Master, Wesley College
(g) Associate Professor K. J. Cable (History and Thought of Christianity)
Rev. Dr G. R. Hughes (Old and New Testament)
(h) Dr W. E. C. Andersen (Education)
Rev. Fr M. J. Chryssavgis
Rev. Dr G. R. Ferguson
Rev. Dr J. P. Hill
Associate Professor J. G. Tulip (English)
(i) Rev. G. L. Barnes (History and Thought of Christianity)
Mrs H. R. Dicker (Old and New Testament)
Rev. Dr A. W. Loy (History and Thought of Christianity)
Rev. C. Miller (History and Thought of Christianity)
Dr B. Thiering (Old and New Testament)
Rev. Dr H. Wallace (Old and New Testament)
(j) Mrs B. Pate (President, Divinity Students' Association)
Mr R. Herps

BOARD OF STUDIES IN EDUCATION

CHAIRMAN: Professor C. Turney
The composition of the Board of Studies in Education is governed by Section 2 of Chapter XB of the by-laws, as follows:

Members
Members pursuant to Section 2
(a) The professors, readers, associate professors, senior lecturers, lecturers, senior tutors, assistant lecturers and tutors being full-time permanent or full-time temporary members of the teaching staff of the University listed under the heading 'Education' being part of the Faculty of Arts listing in the 'Teaching and associated staff' section of this part of the *Calendar*.
(b) . . . . . .
(c) Dean, Arts,
Dean, Science
Dean, Economics
Director, Adult Education
(d) (i) Mr P. J. Crittenden
Dr E. G. Johnson
Professor D. M. Schreuder
Dr B. Sherrington
Mr E. P. Shrubb
(ii) Dr M. A. C. Besly
Dr I. D. S. Johnston
Associate Professor A. Reichel
(iii) Mrs C. F. Coleman
Associate Professor K. I. Turner
(iv) Dr L. W. Burgess
Professor K. W. Cleland
Mr W. E. Julian
Associate Professor J. R. Phillips
Dr W. L. Porges
Associate Professor J. M. Sabine
Associate Professor G. Wing
Miss O. Wood
(e) Miss D. O'Connor
Miss J. Robertson
Mr B. Price
(f) Mr B. Furzer

BOARD OF STUDIES IN MUSIC

CHAIRMAN: Professor M. G. Taylor
The composition of the Board of Studies in Music is governed by Section 2 of Chapter XD of the by-laws, as follows:

Members pursuant to Section 2 (1)
Members ex officio
(a) Chairman of the Academic Board
(b) Dean, Arts

Members
(c) The professors, readers, associate professors, senior lecturers, lecturers and senior tutors who are full-time permanent or full-time temporary members of the teaching staff in the Department of Music listed under the heading 'Faculty of Arts' in the 'Teaching and associated staff' section of this part of the *Calendar*.

Members appointed by the Academic Board
(d) Associate Professor R. I. Jack
Dr J. R. Simons
Miss O. Wood
Professor P. J. Worsley
(e) Dr J. M. Clifton-Everest (Faculty of Arts)
Mrs A. D. Wall (Faculty of Arts)

Student members
(f) . . . . . .

BOARD OF STUDIES IN SOCIAL WORK

CHAIRMAN: Professor S. Ball
The composition of the Board of Studies in Social Work is governed by Section 2 of Chapter XE of the by-laws, as follows:

Members
Members pursuant to Section 2 (1)
(i) The professors, readers, associate professors, senior lecturers, lecturers, senior tutors, assistant lecturers and tutors being full-time permanent and full-time temporary members of the teaching staff of the University under the heading 'Department of Social Work' in 'Teaching and associated staff' section of this *Calendar*.
(ii) Dean, Arts, or nominee
(iii) *Anthropology*
Professor P. Lawrence (Head)
Professor R. V. S. Wright
Behavioural Sciences in Medicine
Associate Professor W. L. Walker
Community Medicine
Professor C. Bridges-Webb
Education
Professor S. Ball
Professor D. Spearritt
Professor C. Turney (Head)
Government and Public Administration
Associate Professor T. H. Irving (Head)
Professor H. Mayer
Paediatrics and Child Health
Professor N. Buchanan
Professor T. Stapleton
Preventive and Social Medicine
Professor C. B. Kerr
Psychiatry
Professor P. J. V. Beumont
Psychology
Professor R. A. Champion (Head)
Professor P. Ley
Professor J. P. Sutcliffe
(iv)[1] Ms K. A. Barker
Ms M. T. Esler
. . . . . .
(v) Ms A. Herman
Ms S. Kimber
(vi) Ms H. Boyton (Premier's Department)
Mrs E. Byrne (Family and Children Services Agency)
Mr V. J. Dalton (Corrective Services Commission)
Ms L. Fenley (Westmead Hospital)
Mr S. Lawrence (Peninsula Community Services)
Mr S. Mack (Youth Affairs Council of New South Wales)
Ms J. Sutton (Council of Social Services of New South Wales)
Mr J. Toohey (Labor Council of New South Wales)

[1] 1984 membership.

Other boards and committees

(at 31 October 1983)

BOARD OF ADULT EDUCATION

The composition of the Board is governed by the resolutions of the Senate which replace the repealed Chapter XXX of the by-laws as follows:

Members ex officio
Members pursuant to Section 2(a)
Chancellor
Deputy Chancellor
Vice-Chancellor and Principal
Deputy Vice-Chancellor—[VI:2(3)(a)]
Acting Director, Department of Adult Education

Members
Members pursuant to Section 2(b)–2(i):
(b) Professor N. Collis-George
Miss H. E. Archdale, MBE
Mr K. G. Coles
(c) Mr B. Bilinsky
Associate Professor R. I. Jack (Chairman)
Dr P. M. Lahy
Ms C. Tanner
(d) Mr R. H. Carmichael
Mr D. L. Douglas
Mr D. G. Peat
Mrs L. Penfold
(e) Mr R. Pateman
Mr G. Shiff
Mrs S. Slegers
(f) Mr P. J. Brew
(g) Miss E. Pinder
(h) Mrs L. A. Shboul
Dr B. E. Thiering
(i) Mrs S. Cornelius
Dr J. S. Kerr
Mr J. W. S. Mackenzie
Mr R. E. Parry
Miss V. Street
Mr J. E. Wellings

APPOINTMENTS BOARD

The composition of the Board is governed by Resolutions of the Senate which replace the repealed Chapter XXXIII of the by-laws.

Members
A member pursuant to Resolution 4 (1) (a)
Director, Careers and Appointments Service

Members appointed under Resolution 4 (1) (b)
(i) Mr P. J. Dunstan
Mr F. L. Hall
Sir Eric McClintock
Mr R. T. M. Rose (Chairman)
Mr R. A. Smee
Miss V. Steward
(ii) Professor R. E. Collins
Associate Professor B. H. Fletcher
Mr R. J. Vann
Professor M. C. Wells
(iii) Mr P. J. Brew
Mr J. C. Bunbury
Mr M. J. Miller
(iv) Miss J. Cowan

Members co-opted under Resolution 4 (1) (c)
Professor R. G. H. Prince
Mr D. Richmond

SECRETARY: Director, Careers and Appointments Service

STANDING COMMITTEE OF CONVOCATION

The Composition of the Standing Committee of Convocation is governed by Chapter V of the by-laws in conjunction with standing orders, as follows:

Members[1]
Faculty of Agriculture
. . . . . .

Faculty of Architecture
Mr P. W. S. MacCallum

Faculty of Arts
Miss G. E. Bennett
Mr S. P. Coppock
Mr D. F. Galbraith
Mr W. R. Good
Mr J. L. Hyde
Dr L. C. D. Kemp
Mrs G. M. Leach
Mrs E. A. Lester
Mr J. K. McLaughlin
Mrs B. A. C. Nye
Mr D. L. Ronzani
Dr N. D. Webb
Mrs P. M. Whatmore

Faculty of Dentistry
Mr F. Hendry
Mr R. M. Howe

Faculty of Economics
Mr N. R. Baker
Dr K. W. Knight
Mr F. M. Perry
Mrs J. V. Roberts

Faculty of Engineering
Mr F. S. Hespe
Mr A. R. McK. Langley
Mr J. W. McQuarrie
Mr C. J. Wilkinson

Faculty of Law
Mr B. Bilinsky
Mr G. A. Hardwick
Mr A. E. Naple

[1] To hold office from 1 January 1983 to 31 December 1986.

Faculty of Medicine
Mr G. E. Bauer
Mr A. R. Denniss
Miss K. E. Georgouras
Mr E. P. Kremer
Mr E. Sussman
Mr R. H. Syred

Faculty of Science
Mrs N. Cameron
Mr G. K. Cox
Mr A. D. McDonald
Mr P. A. Power
Dr A. G. Shannon
Dr J. R. Simons
Miss G. P. Taylor
Mrs P. Taylor

Faculty of Veterinary Science
Mr W. L. Whatmore
Mr P. Wormell

Member representing women graduates in the Faculties of Agriculture, Architecture, Dentistry, Engineering, Law and Veterinary Science
Miss D. Marr

Members representing graduates in the Boards of Studies in Divinity, Education, Music and Social Work
Mrs M. I. Merrick

Executive Committee
PRESIDENT: Dr L. C. D. Kemp
DEPUTY PRESIDENT: Miss G. E. Bennett
Mr F. S. Hespe
Mrs B. A. C. Nye
Mr F. M. Perry
Mr E. Sussman
Mr R. Syred

HONORARY SECRETARY: Mr W. L. Whatmore

LAW EXTENSION COMMITTEE

The composition of the Law Extension Committee is governed by additional resolutions of the Senate, as follows:

Members ex officio
Chancellor
Deputy Chancellor
Vice-Chancellor
Dean, Law

Members
Three members of the Faculty of Law appointed by Senate on nomination of the Faculty
Professor W. L. Morison
Ms J. Swanton
Miss O. Wood

A judge appointed by Senate on nomination of the Chief Justice of New South Wales
The Hon. Mr Justice C. E. Begg (Chairman)

Two barristers appointed by Senate on nomination of New South Wales Bar Association
Mr G. K. Downes
Mr P. W. Young
(Mr B. T. Sully appointed as alternative member)

Two solicitors appointed by Senate on nomination of Law Society of New South Wales
Mr R. H. Fisher
Mr N. Mainwaring

Four persons appointed by Senate
Mr L. T. Bond
Associate Professor R. L. Bowra
Mr A. T. Duncan
Mr H. McCredie

EXECUTIVE OFFICER: Mr M. G. Neal

LIBRARY COMMITTEE

CHAIRMAN: Associate Professor N. A. Walker

The composition of the Library Committee is governed by additional resolutions of the Senate, as follows:

Members ex officio
Vice-Chancellor
Deputy Vice-Chancellor—[VI:2(3)(b)]
Bursar
Chairman or Deputy Chairman of the Academic Board
Registrar
Librarian
Deputy Librarian
Associate Librarian

Members
Fifteen members of the permanent full-time teaching staff elected by the Academic Board
Dr E. M. Lees (Agriculture)
Mr M. J. Payne (Architecture)
Dr R Cooper (Arts)
Associate Professor N. K. Meaney (Arts)
Associate Professor W. M. Maidment (Arts)
Dr R. G. Earnshaw (Dentistry)
Dr F. L. Clarke (Economics)
Dr C. A. J. Fletcher (Engineering)
Associate Professor C. S. Phegan (Law)
Professor D. Joseph (Medicine)
Dr R. G. Gilbert (Science)
Mr J. R. Maze (Science)
Associate Professor P. McGrath (Science)
Dr A. G. Bromley (Science)
Associate Professor C. R. Bellenger (Veterinary Science)

Three members co-opted by the aforesaid members
Mr J. K. Martin
Ms B. J. Neal
Ms J. Plummer

BOARD OF STUDIES FOR THE DIPLOMA IN MUSEUM STUDIES

CHAIRMAN: Dr P. M. Lahy

The composition of the Board of Studies for the Diploma in Museum Studies is governed by Section 37 of Chapter X of the by-laws, as follows:

Members ex officio
Dean, Arts
Power Professor of Contemporary Art
Curator, Nicholson Museum
Curator, Power Gallery of Contemporary Art
Curator, Macleay Museum

Members appointed by the Faculty of Arts
Miss J. M. F. Birmingham (Archaeology)
Dr M. L. Eutick (Fine Arts)
Mr M. Goss (Regional Galleries Association of New South Wales)
Mr R. L. Guyot (Division of Cultural Activities)
Mr J. C. Hodge (Fine Arts)
Associate Professor R. I. Jack (History)
Miss P. M. McDonald (Australian Museum)
Dr L. G. Sharp (Museum of Applied Arts and Sciences)
Mr R. Wesley (N.S.W. Branch of the Museums Association of Australia)
Mr W. Wright (Art Gallery of New South Wales)

BOARD OF STUDIES IN NUTRITION AND DIETETICS

CHAIRMAN: Professor R. A. Anderson
The composition of the Board of Studies in Nutrition and Dietetics is governed by resolutions of the Senate pursuant to Section 25 of Chapter XIII of the by-laws, as follows:

Members ex officio
Deans of faculties
(a) Science
(b) Medicine
(c) Agriculture
(d) Veterinary Science
(e) Dentistry
(f) Pro-Dean of the Faculty of Science
(g) Boden Professor of Human Nutrition
(h) Course Supervisor for the Diploma: Dr I. Darnton-Hill

Members
Members appointed by the Faculty of Science
(i) Associate Professor J. R. Turtle (Medicine)
(j) Dr D. M. Walker (Animal Husbandry)
(k) Associate Professor M. A. Messer (Biochemistry)
(l) Professor N. Buchanan (Paediatrics and Child Health)
(m) Associate Professor A. V. Everitt (Physiology)
(n) Director, Commonwealth Institute of Health
(o) Dr D. S. Child (Teaching Hospitals)
(p) Mrs R. Harding (N.S.W. Health Commission)
(q) Mrs U. Venn-Brown (N.S.W. Institute of Dietitians)
(r) Miss J. Rogers (Chief Dietitian of a teaching hospital)
(s) Mr A. Boden
Miss E. Cox
Mr N. Whiffen
Dr F. H. Reuter

Student member
(t) Ms Maria Kokkinakos

POSTGRADUATE COMMITTEE IN DENTAL SCIENCE

The composition of the Committee is governed by Resolutions of the Faculty of Dentistry pursuant to Chapter XV of the by-laws, as follows:

Members
Members pursuant to Resolution 2 (i)
(a) Dean, Dentistry (Chairman)
Professor M. Jolly
Professor I. Klineberg
Professor K. S. Lester
(b) Associate Professor G. Wing
(c) Mr R. Y. Norton
(d) Mr K. Wenden
(e) Mr C. Savage
(f) Professor K. W. Knox
(g) Dr R. Harris
(h) Associate Professor B. S. Gow
(i) Mr A. P. Martin
Dr A. G. Rowell

POSTGRADUATE COMMITTEE IN MEDICINE

The composition of the Committee is governed by Resolutions of the Faculty of Medicine pursuant to resolutions of the Senate which replace Chapter XXXIV of the by-laws, as follows:

Members ex officio
Dean, Medicine (Chairman)

Members
Members in accordance with the resolutions of the Senate in force prior to 1 April 1980
Immediate past chairman — Dr S. G. Nelson
Immediate past honorary treasurer — Mr V. G. Bulteau

Members pursuant to Resolution 4 (i) (d)
Dr G. Bauer
Associate Professor I. S. Fraser
Dr A. Himmelhoch
Professor J. R. Lawrence
Dr R. McEwin
Professor T. S. Reeve
Professor J. Shaw
Dr P. C. Vincent
Professor J. A. Young
Dr J. S. Yu

Members coopted under Resolution 4 (i) (e)
Dr W. A. Cramond
. . . . . .

SECRETARY: Miss D. G. Johns

POSTGRADUATE COMMITTEE IN VETERINARY SCIENCE

CHAIRMAN: Professor M. J. Edwards
HONORARY DIRECTOR OF POSTGRADUATE VETERINARY STUDIES: Dr W. G. Cotton
HONORARY SECRETARY: Mr D. I. Bryden
HONORARY TREASURER: Mr W. P. Nicholas

The composition of the Committee is governed by Chapter XXXV of the by-laws, as follows:

Members ex officio
Members pursuant to Section 2 (a)
Chancellor
Deputy Chancellor
Vice-Chancellor
Dean, Veterinary Science
President, Board of Veterinary Surgeons of New South Wales

Members
Representative members appointed under Section 2 (b), in respect of the bodies provided for in Section 1 of the Resolutions of the Senate pursuant to Chapter XXXV of the by-laws:

OFFICERS

(a) Associate Professor B. R. H. Farrow
Associate Professor J. M. Keep
Mr D. R. T. Adamson
(b) Mr I. G. Pearson
Dr M. A. Rose
Mr R. I. Taylor
(c) Mr B. Boots
(d) Dr A. D. Donald
Dr P. Outteridge
(e) Mr D. H. Mumford
(f) Mr A. T. Reid

Members co-opted under Section 2 (c)
Dr H. McL. Gordon
Mr W. P. Nicholas
Dr R. J. Rose
Associate Professor J. M. Sabine

Members pursuant to Section 2 (d)
Professor M. J. Edwards
Dr W. G. Cotton
Mr D. I. Bryden

BOARD OF STUDIES FOR THE DEGREE OF MASTER OF PSYCHOLOGY

CHAIRMAN: Dr P. M. Lahy
The composition of the Board of Studies for the degree of Master of Psychology is governed by Section 15 of Chapter X of the by-laws, as follows:

Members ex officio
Members pursuant to Section 15 (3)
(a) Dean, Arts
(b) Head, Psychiatry
Head, Social Work

Members
Members pursuant to Section 15 (3)
(c) Dr D. M. Atrens
Dr H. C. Beh
Professor R. A. Champion
Dr B. D. Crabbe
Dr I. S. Curthoys
Mrs V. R. Hensley
Mr N. F. Holt
Mr D. J. Ivison
Dr E. G. Johnson
Professor P. Ley
Mr J. R. Maze
Dr T. McMullen
Mr W. W. Pitty
Dr R. F. Porcheron
Dr L. Stankov
Professor J. P. Sutcliffe
Miss A. M. Turtle
Dr M. B. Walker
Dr P. M. Wenderoth
(d) Dr P. J. Davis
(e) Professor R. S. Gye (Dean, Medicine)
Mr A. S. Habgood (N.S.W. Department of Youth and Community Services)
Mr B. G. Kearney
Mr I. Kljajic (North Ryde Psychiatric Centre)
Dr C. McFie (The Northside Clinic)
Dr T. McKinnon (Health Commission of New South Wales)
Mr W. A. Reeve
Mr F. N. Simpson (Repatriation General Hospital)
Dr S. H. Spence
Dr P. H. Wilson

RESEARCH COMMITTEE

The composition of the Research Committee is governed by Chapter XIXc of the by-laws, as follows:

Members ex officio
Chairman of the Academic Board
Registrar

Members
Ten members elected by the Academic Board
Professor K. W. Cleland (Medicine)
Professor C. H. Gallagher (Veterinary Science)
Professor D. J. Harland (Law)
Professor W. P. Hogan (Economics)
Professor R. N. Johnson (Architecture)
Professor N. D. Martin (Dentistry)
Professor H. K. Messerle (Engineering)
Professor M. G. C. Mullins (Agriculture)
Professor W. Ritchie (Arts)
Professor S. Sternhell (Science)

Members co-opted by the aforesaid members
Professor D. T. Anderson
Professor M. H. Brennan
Associate Professor J. S. Gero
Professor G. A. Wilkes

SYDNEY UNIVERSITY PRESS BOARD

The membership of the Board of the Sydney University Press is governed by additional resolutions of the Senate, as follows:

Members
Seven members appointed by the Senate for a two-year period commencing on 3 February 1982
Emeritus Professor W. M. O'Neil—(Chairman)
Professor G. A. Wilkes—(Deputy Chairman)
Mr A. Boden
Professor W. L. Morison
Professor M. G. C. Mullins
Professor S. M. Salsbury
Professor G. von Wilpert

SECRETARY: Director, Sydney University Press

BOARD OF STUDIES FOR THE DIPLOMA IN THE TEACHING OF ENGLISH AS A FOREIGN LANGUAGE

CHAIRMAN: Dr P. M. Lahy
The composition of the Board of Studies for the Diploma in the Teaching of English as a Foreign Language is governed by Section 32 of Chapter X of the by-laws, as follows:

Members
Members pursuant to Section 32 (1)
(a) Dean, Arts, or representative
(b) Professor C. Turney (Education)
Professor G. A. Wilkes (English)
(c) Mr P. McGillick
Miss P. M. Riley
Mr E. P. Shrubb
Mr B. A. Taylor
Mr J. Tent
Mrs T. R. Threadgold
(d) Professor M. A. K. Halliday

Professors

(as known at 31 October 1983)

History
John Manning Ward, AO, MA LLB, FAHA FASSA FRAHS
Appointed Challis Professor of History 7 March 1949 Professor of History 6 December 1982
Appointed Deputy Vice-Chancellor 1 January 1979
Appointed Vice-Chancellor and Principal 7 September 1981

Physics
Harry Messel, CBE, BA BSc *Qu.* PhD *N.U.I.*, FAAAS
Appointed 1 September 1952

Architectural Science
Henry Jacob Cowan, AO, MSc *Manc.* PhD DEng *Sheff.*, FASCE FIStructE FIEAust FRSA, Hon. FRAIA
Appointed 9 December 1953

Latin
Arthur John Dunston, Cav., BA *Rdg* MA *Camb.*
Appointed 30 December 1953
Appointed Deputy Vice-Chancellor 6 December 1982

Animal Husbandry
Terence James Robinson, MScAgric *W.Aust.* PhD ScD *Camb.*, FAIAS FASAP
Appointed 1 February 1956

Histology and Embryology (Bosch Professor)
Kenneth Wollaston Cleland, MB BS
Appointed 4 March 1957

Law (Challis Professor)
William Loutit Morison, DPhil *Oxf.* BA LLB
Appointed Professor of Law 7 December 1959; Challis Professor 6 December 1982 (Reader in Common Law 1953–1955; Associate Professor in Common Law 1955–1959)

Child Health
Thomas Stapleton, MA DM BCh *Oxf.* DCH *R.C.P.&S.*, FRCP FRACP
Appointed 1 July 1960 (to retire December 1983)

Biology (Challis Professor)
Louis Charles Birch, BAgrSc *Melb.* DSc *Adel.*, FAA FAAAS
Appointed Challis Professor of Zoology 2 August 1960. Title of Chair changed to Biology 1 January 1963 (Reader in Zoology 1954–1960) (to retire December 1983)

Law
Ross Waite Parsons, BA LLB
Appointed 5 June 1961 (Associate Professor of Commercial Law 1957–1961)

Computer Science
John Makepeace Bennett, AO, BE(Civ) BE(Mech&Elec) BSc *Qld* PhD *Camb.*, FACS FBCS FIEAust FIMA
Appointed Professor of Physics (Electronic Computing) 4 September 1961. Title of Chair changed to Computer Science 5 January 1982

Physics (High Energy Nuclear Physics)
Charles Brian Anthony McCusker, DSc *Manc.*, MRIA
Appointed 6 November 1961 (Reader in Experimental Physics 1959–1961)

Preventive Dentistry
Noel Desmond Martin, AM, MDS, FACD FAPHA FICD FRACDS AIAOP
Appointed 4 December 1961 (Associate Professor 1955–1961)

Physiology
Michael Gleeson Taylor, MD BS *Adel.* PhD DSc *Lond.*, FRACP
Appointed 4 December 1961
Appointed Deputy Vice-Chancellor 3 February 1975

Soil Science
Neville Collis-George, MSc *Manc.* PhD *Camb.*, FRSChem
Appointed 7 August 1962 (Associate Professor 1956–1962)

English Literature (Challis Professor)
Gerald Alfred Wilkes, DPhil *Oxf.* MA DipEd, FAHA
Appointed Professor of Australian Literature 3 September 1962; Challis Professor of English Literature 5 December 1966

Agricultural Chemistry
John Frederick Turner, PhD ScD *Camb.* MSc, FRSChem FRACI
Appointed 18 December 1962

Classical Archaeology (Arthur and Renee George Professor)
Alexander Cambitoglou, BA *Salonica* MA *Manc.* PhD *Lond.* DPhil *Oxf.*, FAthens ArchaeolS FAHA FSA CorrMGermanArchInst CorrMAthensAcad
Appointed Professor of Archaeology 1 April 1963. Title of chair changed to Arthur and Renee George Chair of Classical Archaeology 15 May 1978

Anaesthetics (Nuffield Professor)
Douglas Joseph, MB BS, FFARCS FFARACS
Appointed 19 May 1963

Philosophy (Challis Professor)
David Malet Armstrong, BPhil *Oxf.* PhD *Melb.* BA, FAHA
Appointed 1 March 1964

Aeronautical Engineering (Lawrence Hargrave Professor)
Graeme Austin Bird, BSc ME PhD, FTS FRAeS FIEAust AFAIAA
Appointed 4 August 1964

Physics (Astrophysics)
Bernard Yarnton Mills, AC, BSc DScEng, FRS FAA
Appointed 1 January 1965 (Reader in Physics 1960–1964)

Greek
William Ritchie, MA PhD *Camb.* BA, FAHA
Appointed 22 February 1965

Pure Mathematics
Gordon Elliott Wall, BSc *Adel.* PhD *Camb.*, FAA
Appointed 7 June 1965

Oral Medicine and Oral Surgery
(McCaughey Professor)
Mark Jolly, AM, MDS DDSc, FRACDS
Appointed 3 August 1965 (Associate Professor in Oral Surgery 1964–1965)

Psychology (McCaughey Professor)
Richard Annells Champion, MA *Iowa* BA, FASSA
Appointed 1 November 1965 (Associate Professor in Experimental Psychology 1963–1965)

Veterinary Pathology (Hughes Professor)
Clifford Harold Gallagher, PhD *Lond.* DVSc, FACVSc FRCPath
Appointed 1 January 1966

Early English Literature and Language
(McCaughey Professor)
Harold Leslie Rogers, MA *Oxf.*
Appointed 4 July 1966 (Associate Professor 1964–1966)

Surgery (Bosch Professor)
Gerald White Milton, MB BS *Adel.*, FRCS FRACS
Appointed Professor of Surgery 4 October 1966; Bosch Professor 6 December 1982 (Associate Professor 1960–1966)

Veterinary Anatomy
Rex Milton Butterfield, PhD DVSc *Qld.* MVSc, FACVSc
Appointed 31 October 1966

Psychology
John Philip Sutcliffe, MA PhD, FASSA
Appointed 7 November 1966 (Reader 1963–1966)

Electrical Engineering
Hugo Karl Messerle, MEngSc DSc *Melb.* PhD, FTS FIEE FIEAust FIREE FIEEE FAIP
Appointed 19 December 1966 (Reader 1960–1966)

Architecture
Richard Norman Johnson, AO, BArch, FRIBA LFRAIA
Appointed 30 January 1967

Physiology
William Burke, BSc PhD *Lond.*
Appointed 18 December 1967 (Associate Professor 1965–1967)

Preventive and Social Medicine
Charles Baldwin Kerr, DPhil *Oxf.* MB BS, FRACP MFCM
Appointed 12 February 1968

Economics
Warren Pat Hogan, MA *N.Z.* PhD *A.N.U.*
Appointed 17 May 1968

Microbiology
Yao-Tseng Tchan, DèsSc *Paris* IngAgricole *Grignon*
Appointed 3 June 1968 (Reader in Agricultural Microbiology 1963–1968) (to retire December 1983)

Australian Literature
Dame Leonie Judith Kramer, DBE, BA *Melb.* DPhil *Oxf.* Hon.DLitt *Tas.*, FAHA FACE
Appointed 3 June 1968

Obstetrics and Gynaecology
Rodney Philip Shearman, MD BS DGO, FRCOG FRACOG
Appointed 1 November 1968 (Associate Professor 1964–1968)

Pathology
David Agar Cameron, MDS PhD
Appointed 2 December 1968 (Associate Professor in Dental Pathology 1960–1968)

Civil Engineering (Challis Professor)
Denison Campbell-Allen, MA *Camb.*, FICE FIEAust MRAeS
Appointed Professor of Civil Engineering (Concrete Technology) 2 December 1968. Title changed to Challis Professor of Civil Engineering 1 January 1979 (Associate Professor in Concrete Technology 1962–1968) (to retire December 1983)

Education
Donald Spearritt, MA MEd *Qld* EdD *Harv.*, FASSA
Appointed 2 December 1968 (Associate Professor 1964–1968)

Chemical Engineering
Rudolf George Herman Prince, BSc BE *N.Z.* PhD, FIChemE FIEAust
Appointed 2 June 1969

Political Theory
Henry Mayer, AM, MA *Melb.*, FASSA
Appointed Professor of Government 7 October 1969. Title of Chair changed to Political Theory 6 April 1970 (Associate Professor in Political Theory 1964–1969)

Orthopaedics and Traumatic Surgery
Thomas Kinman Fardon Taylor, DPhil *Oxf.* MB BS, FRCS FRCSEd FRACS
Appointed 21 December 1969

Pharmaceutical Chemistry
Thomas Robert Watson, MSc *N.Z.* PhD, FRACI FPS
Appointed 2 November 1970 (Associate Professor 1965–1970)

Anthropology
Peter Lawrence, MA PhD *Camb.*, FASSA
Appointed 1 January 1971

Chemistry (Inorganic Chemistry)
Hans Charles Freeman, MSc PhD, FRACI
Appointed 1 March 1971 (Reader 1964–1971)

Chemistry (Theoretical Chemistry)
Noel Sydney Hush, DSc *Manc.* MSc, FAA FRACI
Appointed 19 April 1971

Horticulture
Michael Gordon Charles Mullins, BSc *R'dg* PhD *Lond.* DipAgric *Camb.*
Appointed 27 September 1971

Applied Mathematics
Peter Robert Wilson, BA MSc *Melb.* PhD, FRAS
Appointed 1 October 1971 (Reader 1966–1971)

Geology (Edgeworth David Professor)
Graeme Maxwell Philip, PhD *Camb.* DSc *Melb.*, FGS MAIMM
Appointed 1 January 1972

Biology
Donald Thomas Anderson, PhD DSc *Lond. & Syd.*, FRS
Appointed 7 February 1972 (Reader 1969–1971)

Medicine (Bosch Professor)
Neurology (Laura Bushell Professor)
James Graham McLeod, DPhil *Oxf.* BSc(Med) MB BS, FRACP FRCP FAA
Appointed Professor of Medicine 5 June 1972, with title of Laura Bushell Professor of Neurology 6 November 1978, and Bosch Professor of Medicine 6 December 1982.

Veterinary Clinical Studies
John Ross Egerton, BVSc *Qld* DipBact *Lond.*, MACVSc MASM
Appointed Professor of Veterinary Medicine 1 July 1972. Title of Chair changed to Veterinary Clinical Studies 3 November 1975

Indonesian and Malayan Studies
Peter John Worsley, DLitt *Ley.* BA
Appointed 3 August 1972

Law
Patrick Harding Lane, SJD *Harv.* BA LLD
Appointed 3 October 1972

Plant Pathology and Agricultural Entomology
Brian James Deverall, BSc *Edin.* PhD DIC *Lond.*
Appointed 29 December 1972

Pure Mathematics
Gregory Maxwell Kelly, BA PhD *Camb.* BSc, FAA
Appointed 1 February 1973

Anatomy (Challis Professor)
Michael John Blunt, MB BS PhD *Lond.*, Hon. FRACS Hon.FRACO LMSSA
Appointed 3 March 1973

Medicine
Douglas William Piper, MD BS, FRCP FRACP (Associate Professor 1963–1973)
Appointed 2 July 1973

Middle Eastern Archaeology (Edwin Cuthbert Hall Professor)
John Basil Hennessy, DPhil *Oxf.* BA, FAHA FSA
Appointed 11 December 1973

Chemistry (Physical Chemistry)
Walter John Moore, BS *N. Y.* PhD *Prin.*, FRACI
Appointed 17 December 1973 (to retire December 1983)

Surgery
Thomas Smith Reeve, CBE, DDV *Aust.S.Ult.Med.* MB BS, FACS FRACS Hon. FRACR (Associate Professor 1963–1974)
Appointed 5 March 1974

Animal Husbandry
Ernest Frank Annison, PhD DSc *Lond.*, FRSChem
Appointed 16 September 1974

Materials and Mining Engineering
Alexander Elliott Jenkins, BMetE MEngSc PhD *Melb.*, FIM FIEAust MAIMM MAIM
Appointed 16 September 1974

Dean, Faculty of Medicine
Richard Spencer Gye, MA DPhil *Oxf.* MB BS BSc(Med), FRCS FRACS
Appointed 9 December 1974

Town and Country Planning
Serge Domicelj, LicArchit *Buenos Aires* DipCD *Edin.*, MRAPI
Appointed 6 January 1975

Jurisprudence (Challis Professor)
Alice Erh-Soon Tay, PhD *A.N.U.*
Appointed Professor of Jurisprudence 10 January 1975; Challis Professor 6 December 1982

Music
Peter Platt, MA BMus BLitt *Oxf.*, FGSM
Appointed 22 May 1975

Mechanical Engineering (P. N. Russell Professor)
Roger Ian Tanner, BSc *Brist.* MS *Calif.* PhD *Manc.*, FAA FTS FIEAust MASME MAIChE
Appointed 8 July 1975

Veterinary Clinical Studies
Marshall John Edwards, MVSc *Liv.* PhD DVSc, MRCVS MACVSc
Appointed Professor of Veterinary Surgery 1 September 1975. Title of Chair changed to Veterinary Clinical Studies 3 November 1975

Community Medicine
Charles Bridges-Webb, MB BS *Melb.* MD *Monash*, FRACGP
Appointed 29 September 1975

Psychiatry
Pierre Joseph Victor Beumont, MB ChB *Pret.* MSc *Oxf.* MPhil *Lond.* DPM, FRANZCP FRACP FRCPsych MRCPEd
Appointed 15 October 1975

Immunology
Antony Basten, MB BS *Adel.* DPhil *Oxf.*, FRCP FRCPA FRACP FTS
Appointed 3 November 1975 (Associate Professor in Clinical Immunology 1974–1975)
Appointed Director, Clinical Immunology Research Centre 18 March 1982

Oral Biology (and Director of the Institute of Dental Research, United Dental Hospital of Sydney)
Kenneth William Knox, PhD *Lond.* MSc
Appointed 3 November 1975

Accounting
Murray Charles Wells, MCom *Cant.* PhD, ACA *N.Z.* AASA(Snr)
Appointed 3 November 1975

French (McCaughey Professor)
Ivan Peter Barko, Officier des Palmes Académiques *France*, LicPhilRom *Brussels* DU *Stras.*, FAHA
Appointed 15 December 1975

Linguistics
Michael Alexander Kirkwood Halliday, BA *Lond.* MA PhD *Camb.* DHC *Nancy*, FAHA
Appointed 24 December 1975

International Law (Challis Professor)
David Hugh Nevil Johnson, MA LLB *Camb.*
Appointed Professor of International Law 31 December 1975; Challis Professor 6 December 1982

Geography (McCaughey Professor)
Maurice Timothy Daly, BA PhD
Appointed Professor of Geography 19 January 1976; McCaughey Professor 6 December 1982

Physiology
John Atherton Young, BSc(Path) BS MD DSc *Qld*, FRACP
Appointed 2 February 1976 (Associate Professor 1972–1976)

Occupational and Environmental Health
David Alexander Ferguson, MD BS, FRACP FFOM FACOM
Appointed Professor of Environmental Health 3 June 1976. Title of Chair changed to Occupational and Environmental Health 3 May 1982.

Cardiology (Scandrett Professor)
David Thomas Kelly, MB ChB *N.Z.*, FRACP FACC
Appointed 8 July 1976

Economics
Gordon Mills, MA *Camb.*
Appointed 24 July 1976

Education
Clifford Turney, BA MEd PhD
Appointed 1 September 1976 (Associate Professor 1973–1976)

Mechanical Engineering
Robert William Bilger, BSc BE *N.Z.* DPhil *Oxf.*, FIEAust
Appointed 1 November 1976 (Associate Professor 1975–1976)

Medicine
James Roland Lawrence, MB BS *Adel.*, FRACP Hon.FACP
Appointed 24 December 1976

Biochemistry (McCaughey Professor)
Robert Gerard Wake, MSc PhD
Appointed 1 January 1977 (Reader 1970–1976)

Clinical Ophthalmology
Francis Alfred Billson, MB BS *Melb.* DO, *R.C.P.&S.*, FRCS FRCSEd FRACS FACS FRACO
Appointed 17 January 1977

Religious Studies
Eric John Sharpe, MA *Manc.* TeolD *Uppsala*, FAHA
Appointed 26 January 1977

Italian
Gino Lorenzo Rizzo, DottLett *Padova*
Appointed 10 May 1977

Economic History
Stephen Matthew Salsbury, AB *Occidental* AM PhD *Harv.*
Appointed 10 June 1977

Cancer Medicine (and Director, Sydney Cancer Therapy Unit, Ludwig Institute for Cancer Research)
Martin Henry Norman Tattersall, MA BChir MD *Camb.* MSc *Lond.*, FRCP FRACP
Appointed 1 August 1977

Chemistry (Organic Chemistry)
Sever Sternhell, PhD DSc DIC *Lond.* MSc, FRACI
Appointed 7 November 1977 (Reader 1967-1977)

Surgery
John Miles Little, MD MS, FRACS
Appointed 5 December 1977 (Associate Professor 1971–1977)

Plant Breeding
Barrie Dale Hingston Latter, PhD *Edin.* BScAgr
Appointed 1 January 1978 (Professor of Biology (Genetics) 13 January 1975 to 31 December 1977)

Surgery (in the field of Transplantation) (Raymond E. Purves Professor)
Ainslie Glenister Ross Sheil, BSc MA *Oxf.* MB MS *Qld*, FRCS FRACS FACS
Appointed 6 March 1978 (Associate Professor in Surgery 1969–1978)

Human Nutrition (Boden Professor)
Arthur Stewart Truswell, MD ChB *Cape T.*, FRCP FFCM FRACP
Appointed 27 April 1978

Education
Samuel Ball, PhD *Iowa* BA MEd, FAPA
Appointed 1 May 1978

Prosthetic Dentistry
Iven John Klineberg, PhD *Lond.* BSc MDS FRACDS FDSRCS
Appointed 1 September 1978

Social Work
Stuart John Rees, BA DipSocStud CertSocCasework *S'ton* PhD *Aberd.*
Appointed 18 September 1978

Medicine
Peter Anthony Castaldi, MD BS, FRACP FRCPA
Appointed 1 November 1978

Obstetrics and Gynaecology
Christopher Neville Hudson, MA MB MChir *Camb.*, FRCS FRCOG FRACOG
Appointed 15 December 1978

Civil Engineering
Nicholas Snowden Trahair, BSc BE MEngSc PhD
Appointed 1 January 1979 (Associate Professor 1971–1978)

Medicine
John Ross Turtle, MD BS, FRACP
Appointed 1 January 1979 (Associate Professor in Medicine 1971–1978)

Contemporary Art (Power Professor)
Virginia Margaret Spate, MA *Melb. & Camb.* PhD *Bryn Mawr*, FAHA
Appointed 8 January 1979

Physics (Theoretical Physics)
Donald Blair Melrose, BSc *Tas.* DPhil *Oxf.*
Appointed 15 January 1979

Architecture
Geoffrey Philip Webber, MS(Arch) *Col.* BArch MTCP, FRAIA MRAPI ARIBA
Appointed 6 February 1979

Biology (in the field of genetics)
John Alexander Thomson, MSc MAgrSc PhD *Melb.*
Appointed 1 March 1979

Mathematical Statistics
Eugene Seneta, MSc *Adel.* PhD *A.N.U.*
Appointed 19 June 1979

Veterinary Physiology
Donald Alexander Titchen, MA PhD ScD *Camb.* BVSc
Appointed 9 July 1979

Clinical Pharmacology (Reckitt and Colman Professor)
John Shaw, MB BS PhD, FRACP
Appointed 1 August 1979

Industrial Relations
John Gordon Corina, MA DPhil *Oxf.*, FICS FISE
Appointed 5 September 1979

Semitic Studies
Rifaat Yassa Ebied, BA *Ain Shams*, FRAsiaticS FAHA
Appointed 10 September 1979

Surgery
James May, MB MS, FRACS FACS
Appointed 5 November 1979

Paediatrics
Neil Buchanan, BSc MB BS *Lond.* PhD *Witw.*, MRCS LRCP FCP(SA) FRACP
Appointed 22 November 1979

Pharmaceutics
Ronald Alexander Anderson, BSc AUAPharm *Adel.* PhD, FPS
Appointed 3 December 1979 (Associate Professor 1970–1979)

Pharmacology
Graham Allen Ross Johnston, PhD *Camb.* MSc, FRACI
Appointed 1 February 1980

History (Challis Professor)
Deryck Marshall Schreuder, BA *Rhodes* DPhil *Oxf.*
Appointed Professor of History 1 July 1980; Challis Professor 6 December 1982

Director of Dental Services at the Parramatta Hospitals Westmead Centre and Professor of Dentistry
Keith Simon Lester, MDS PhD DDSc, FRACDS
Appointed 8 July 1980

Applied Physics
Richard Edward Collins, PhD *N.Y.* BSc
Appointed 17 July 1980

Director, Children's Medical Research Foundation (Lorimer Dods Professor)
Peter Brock Rowe, MD BS, FRACP
Appointed 24 July 1980 (Associate Professor in Child Health 1973–1980)

Psychology
Philip Ley, BA *Manc.* PhD *Liv.* DipPsychol *Lond.*, FBPsS
Appointed 5 August 1980

Economics
Peter Diderik Groenewegen, PhD *Lond.* MEc, FASSA
Appointed 4 August 1980 (Associate Professor 1974–1980)

Biochemistry
Philip William Kuchel, BMedSc MB BS *Adel.* PhD *A.N.U.*
Appointed 26 August 1980

Electrical Engineering (P. N. Russell Professor)
Trevor William Cole, BE *W.Aust.* PhD *Camb.*, FRAS MOSA
Appointed 1 September 1980

Pathology
Alan Beh Paun Ng, MB BS *Melb.*, FASCP FIAC FASDerm FRCPA
Appointed 15 January 1981

Physics (Plasma Physics)
Maxwell Howard Brennan, BSc PhD
Appointed 1 February 1981

Law
David John Harland, BCL *Oxf.* BA LLB
Appointed 6 April 1981 (Associate Professor 1974–1981)

Anthropology
Richard Vernon Stafford Wright, MA *Camb.*, FRAI
Appointed 1 January 1982 (Associate Professor in Prehistory, 1975-1981)

Economic Statistics
Alan Donald Woodland, BA PhD *N.E.*
Appointed 1 January 1982

German
Gero von Wilpert, PhD *N.S.W.*, FAHA
Appointed 1 January 1982

Civil Engineering
Harry George Poulos, BE PhD DScEng, MIEAust MASCE (Reader 1972–1982)
Appointed 2 February 1982

History
Roy Malcolm MacLeod, AB *Harv.* PhD *Camb.*, FRHistS
Appointed 5 October 1982

Public Health Biology
David Owen Sillence, MD *Melb.* MB BS
Appointed 6 December 1982

Surgery
Robert James Lusby, MB BS *N.S.W.* MD *Brist.*, FRCS FRACS
Appointed 1 January 1983

Pathology
Susan Elizabeth Dorsch, MB BS PhD
Appointed 7 February 1983 (Associate Professor 1981–1983)

Physiology (Personal Chair)
Maxwell Richard Bennett, BE MSc PhD *Melb.* DSc, FAA
Appointed 7 March 1983 (Reader 1974–1983)
Appointed Director, Neurobiology Research Centre, 18 March 1982

Cancer Medicine
Richard Mark Fox, MB BS BSc(Med) PhD, FRACP
Appointed 2 May 1983 (Associate Professor 1977–1983)

Modern Greek (Sir Nicholas Laurantus Professor)
Michael John Jeffreys, MA *Camb.* PhD *Lond.*
Appointed 6 June 1983

Otolaryngology
William Peter Rea Gibson MD BS *Lond.*, FRCS
Appointed 10 October 1983

Rheumatology (Florance and Cope Professor)
Peter Michael Brooks, MD BS *Mon.*, FRACP, FACRM
To commence 5 December 1983

Clinical professors

Radiotherapy
Allan Ogilvie Langlands, BSc MB ChB DMRT *Edin.*, FRCR FRACR
Appointed 5 December 1977

Pathology
Ernest Sydney Finckh, MD BS DCP, FRCPA FRACP FRCPath
Appointed 6 November 1978 (Associate Professor 1962–1978)

Psychiatry
Russell Ainslie Meares,
MD BS *Melb.* DPM *Lond.*, FRANZCP MRCPsych
Appointed 2 March 1981

Teaching and associated staff

(at 15 November 1983)

including promotions to Senior Lecturer to take effect on 1 January 1984

Faculties

FACULTY OF AGRICULTURE

OFFICE OF THE DEAN
Senior Lecturer
John P. Brien, BAgrSc *Melb.* MS *Wis.* (*Agricultural Extension*)

Departments

Agricultural Chemistry

Professor
John Frederick Turner, PhD ScD *Camb.* MSc, FRSChem FRACI
Appointed 1962

Associate Professor
Norman K. Matheson, PhD *Edin.* MSc

Senior Lecturers
Les Copeland, BSc PhD
Ivan R. Kennedy, BScAgric PhD *W.Aust.*
Edith M. Lees, BSc PhD *Lond.*

Lecturer
Robert A. Caldwell, MSc PhD

Tutor
Ada P. Paulin, BScAgr

Research Affiliate
D. H. Turner, MSc *Adel.* PhD *Camb.*

Agricultural Economics

Professor
. . . . . .

Senior Lecturers
Robert L. Batterham, BAgEc *N.E.* MS PhD *Ill.*
Bruce R. Davidson, MAgrSc *Melb.* PhD *Lond.*
Brian S. Fisher, BScAgr PhD

Lecturer
Carolyn Tanner, BScAgr

Emeritus Professor
K. O. Campbell, AM PhD *Chic.* MPA *Harv.* BScAgr, FASSA

Agricultural Genetics and Biometry

Professor of Plant Breeding
Barrie Dale Hingston Latter, PhD *Edin.* BScAgr
Appointed 1978.

Director of Biometric Services
Leslie N. Balaam, BSc *Qld* MSc

Senior Lecturers
Norman L. Darvey, PhD *N.S.W.* BSc *(Genetics and Plant Breeding)*
Michael E. O'Neill, BA PhD *(Biometry)*
Kenneth S. McWhirter, PhD *Wis.* BScAgr *(Genetics and Plant Breeding)*

Professional Officer Grade II
Adrienne C. Kirby, BSc *Qld*

Agronomy and Horticultural Science

Professor of Horticulture
Michael Gordon Charles Mullins, BSc *R'dg* PhD *Lond.* DipAgric *Camb.*
Appointed 1971

Professor of Agronomy
. . . . . .

Senior Lecturers
Lindsay C. Campbell, BSc PhD
Peter B. Goodwin, PhD *Nott.* MScAgr
William J. Greenhalgh, PhD *C'nell* MScAgr
Peter W. Michael, BAgrSc PhD *Adel.*
Peter G. E. Searle, MAgrSc PhD *Qld*
Bruce G. Sutton, BAgrSc *Qld* PhD *A.N.U.*

Lecturers
John Clemens, BSc PhD *Brist.* MSc *Lond.*
Dennis R. de Kantzow, BScAgr DipAgrEcon
Gordon W. King, BSc *N.S.W.* DipFinMangt *N.E.*

Tutors
Margaret H. Franklin, BScAgr
Michael J. Hill, BAgSc *LaT.*

Honorary Associate
Emeritus Professor F. L. Milthorpe, PhD DSc *Lond.* MScAgr, FRSA FInstBiol

Animal Husbandry

The full list of staff in this department, which is also in the Faculty of Veterinary Science, appears under Veterinary Science.

Microbiology

Professor
Yao-Tseng Tchan, DèsSc *Paris* IngAgricole *Grignon*
Appointed 1968; to retire December 1983

Senior Lecturer and Linnean Macleay Lecturer
K. Yip Cho, BSc *N.S.W.* PhD *A.N.U.*

Senior Lecturers
Trevor Duxbury, BSc PhD *Liv.*
Thomas Ferenci, BSc *Lond.* PhD *Leic.*
John McPhillips, BScAgr PhD
Peter B. New, BAgrSc *Tas.* PhD *Adel.*

Lecturers
Ilze Dalins, MSc
Joan H. Dorman, BSc *Adel.* (part time)

Tutors
Debra A. Hearne, BSc *N.S.W.*
Vivian Hwa, BSc

Plant Pathology and Agricultural Entomology

Professor of Plant Pathology
Brian James Deverall, BSc *Edin.* PhD DIC *Lond.*
Appointed 1972

Associate Professor
Frederick J. D. McDonald, MSc *Tas.* PhD *Alta (Agricultural Entomology)*

Senior Lecturers
John W. Bowyer, BAgrSc PhD *Qld (Plant Pathology)*
Lester W. Burgess, BScAgr PhD DipEd *(Plant Pathology)*

Lecturer
Harley A. Rose, MAgrSc *Qld* PhD *C'nell (Agricultural Entomology)*

Soil Science

Professor
Neville Collis-George, MSc *Manc.* PhD *Camb.*, FRSChem
Appointed 1962

Senior Lecturer
Brian G. Davey, PhD *Aberd.* BScAgr

Lecturers
Harold R. Geering, MS *C'nell*
Anthony J. Koppi, BSc PhD *Aberd*

Other units

Dairy Industry Authority

Research Officer in Charge
John McPhillips, BScAgr PhD

Plant Breeding Institute

Director
Barrie Dale Hingston Latter, PhD *Edin.* BScAgr
Appointed 1978

At Sydney
Kenneth S. McWhirter, PhD *Wis.* BScAgr
Norman L. Darvey, PhD *N.S.W.* BSc

At Narrabri
Director, I. A. Watson Wheat Research Centre
Donald R. Marshall, PhD *Calif.* BScAgr

Senior Plant Breeder
Gayatri M. Bhatt, BSc *Bom.* MS PhD *Wis.*

Plant Breeder
Frank W. H. Ellison, MScAgr PhD

Cereal Biochemist
Daryl J. Mares, BSc PhD *Melb.*

Professional Officer Grade II
Stephen G. Moore, BSc *N.E.*

At Castle Hill
Director of Rust Research
Robert A. McIntosh, MScAgr PhD

Senior Research Fellow
N. Harold Luig, MScAgr PhD

Research Fellow
Thien T. The, MScAgr PhD

Professional Officer Grade IV
John D. Oates, BScAgr

Professional Officer, Grade II
Judith Gyarfas, MScAgr

University Farms

Director (Camden)
Elizabeth A. Kernohan, MScAgr PhD

FACULTY OF ARCHITECTURE

Departments

Architectural Science

Professor
Henry Jacob Cowan, AO, MSc *Manc.* PhD DEng *Sheff.*, FRSA FASCE FIStructE FIEAust Hon.FRAIA
Appointed 1953

Associate Professors
John S. Gero, BE *N.S.W.* MBdgSc PhD, FRSA FIEAust MASCE MIASS
Peter R. Smith, MArch PhD, FRAIA ARIBA

Senior Lecturers
Bruce S. A. Forwood, BArch
Fergus R. Fricke, BE *Melb.* PhD *Monash* DipME *Swinburne Tech. Coll.*, MAAS
Warren G. Julian, BSc BE MSc(Arch) DipBdgSc, MIESAust
Anthony D. Radford, BA(Arch Stud) BArch *N'cle (U.K.)* DipT&CP *Edin.Coll.Art* PhD

Senior Tutors
Robert G. Crossman, BSc PhD *Monash*
George Vasilareas, MEngSc *N.S.W.* BE(Civ) DipTech *N.S.W.I.T.*

Tutors
Simon N. Hayman, BSc(Arch) BArch
Garry G. Stevens, BSc(Arch) DipArchComp

Emeritus Professor
R. K. Macpherson, MD BS MSc *Qld*, FRACP

Architecture

Professor, Head of the School of Undergraduate Studies in Architecture
Richard Norman Johnson, AO, BArch, FRIBA LFRAIA
Appointed 1967

Professor
Geoffrey Philip Webber, MS(Arch) *Col.* BArch MTCP, FRAIA MRAPI ARIBA
Appointed 1979

Associate Professors
Jennifer E. Taylor, MArch *Wash.*, ARAIA
Ross H. Thorne, MArch, FRAIA MAAS

Senior Lecturers
Keith Billings, DipArch *Oxf.* MSArch *Col.* PhD, MRAIC ARIBA ARAIA
Allan D. Correy, MLArch *Ill.* MEnvStud *Macq.* DipLD *Durh.*, ALA
Marr R. Grounds, MA BArch *Calif.*
Graham E. Holland, BArch *N.S.W.* PhD, ARAIA
Colin L. James, MArch *Harv.* AAST(Arch) *Syd. Tech. Coll.* DipTCP, MRAPI ARAIA
Roger M. Pegrum, BA *A.N.U.* BArch MTCP, FRAIA MRAPI
A. Terrance Purcell, PhD *Macq.* BA
Anna Rubbo, MArch *Melb.* DArch *Mich.*
Howard N. Tanner, BArch, ARIBA ARAIA

Lecturers
Ross Feller, BArch *N.S.W.* AADip *Lond.*
Trevor Howells, BArch DipConsStud *York*
John James, BArch *Melb.* MBdgSc
Swetic Korzeniewski, MArch *Penn.* BArch
Richard J. Lamb, BSc PhD *N.E.*
Lloyd F. Rees, Hon.DLitt Hon. FRAIA *(History of Sculpture and Painting)* (part time)
Helen Wilson, BDesStud BArch *Qld* DipHseStud *Arch.AsscnGrad.Schl,Lond.*

Japan Foundation Lecturer
Adrian B. Snodgrass, MSc (with Religious Studies)

Part-time Lecturers
Peter G. Armstrong, ME BArch, ARAIA
Harvey Blue, DipArch *Brisb.Cent.Tech.Coll.* MBdgSc, ARAIA
John Dorter, BA LLB, AASA
Michael Ewings, AILA MAIH
Jim Hutchison, ASTC *Syd. Tech. Coll.* DipLD *N.S.W.*
Frank B. King, LLD DPolSc *Bud.* LLM
B. R. Maley, MA *A.N.U.*, BA
Peter W. MacCallum, BArch, LFRAIA ARIBA FIArbA
James F. Mooney, MBuild *N.S.W.* ASTC *Syd.Tech.Coll.*, FRAIQS FIArbA
Kevin J. Rice. BArch MBA *N.S.W.*, FRAIA ARIBA
Rod Wallman, BLArch *N.S.W.*
Richard Wydell, HNCBldg *Watford Inst.Tech.*
John Wyndham, BArch DipTCP, FRAIA

Co-ordinator for Continuing Education
Hazel Rowley, BA PhD *Adel.*

Honorary Associate
R. A. Gilling, BArch

Town and Country Planning

Professor
Serge Domicelj, LicArchit *Buenos Aires* DipCD *Edin.*, MRAPI
Appointed 1975

Associate Professor
John G. Toon, DipArch *Leic.*, ARIBA ARAIA MRTPI FRAPI

Senior Lecturers
Patricia F. Apps, BArch *N.S.W.* MED *Yale* PhD *Camb.*, ARAIA
James R. Conner, PhD *Edin.* MArch DipTCP, FRAPA
John P. Lea, MA *Camb.* PhD *Witw.* DipTP *Central London Polytechnic,* MRTPI
Gregory C. Mills, BA *N.E.* MSc(Econ) *Lond.* DipT&CP *Edin.*

R. Thomas M. Whipple, PhD DipTCP, MRAPI ACIV
Chung-Tong Wu, BArch PhD *Calif.* MS *Col.*

Lecturers
Martin J. Payne, MS *Colorado State*
Elizabeth J. Savage, MSc(Econ) *Lond.* BSc(Arch)

Visiting Lecturer
Gerard C. Rowe, LLM *Yale* BA LLB MTCP

Other units

Sydney University Art Workshop

Director
Peter Kennedy

FACULTY OF ARTS

Departments

Anthropology

Professors
Peter Lawrence, MA PhD *Camb.*, FASSA
Appointed 1971
Richard Vernon Stafford Wright, MA *Camb.*, FRAI
Appointed 1982

Readers
Lester R. Hiatt, PhD *A.N.U.* BA BDS
J. Peter White, BA *Melb.* MA *Camb.* PhD *A.N.U. (Prehistory)*

Associate Professors
Michael R. Allen, BA *Dub.* PhD *A.N.U.*, FASSA
William H. Newell, MA *N.Z.* PhD *Manc.*

Senior Lecturers
R. Paul Alexander, MA *Otago* PhD *A.N.U.*
Diane J. Austin, MA *A.N.U. & Chic.* PhD *Chic.*
Richard D. Basham, BA *George Washington* MA PhD *Calif.*
Jeremy R. Beckett, BA *Lond.* MA PhD *A.N.U.*
John K. Clegg, MA *Camb. & Syd.* CertEd *Camb*
Roland J. Fletcher, MA PhD *Camb.*
Peter D. Hinton, MA PhD
Marie de Lepervanche, BA PhD
F. Roger Sandall, BA *Auck.* MA *Col.*
Michael J. Walker, BM BCh MA DPhil DipPrehistArch *Oxf.*
David S. Walsh, MA *Auck.*, PhD

Lecturers
Daryl K. Feil, BA *Calif.* PhD *A.N.U.*
Alan L. Rumsey, MA PhD *Chic.*

Emeritus Professor
W. R. Geddes, MA *N.Z.* PhD *Lond.*, FASSA

Research Affiliate
D. Lewis, MB ChB MSc *Leeds*

Archaeology

Arthur and Renee George Professor of Classical Archaeology and Curator of the Nicholson Museum
Alexander Cambitoglou, BA *Salonica* MA *Manc.* PhD *Lond.* DPhil *Oxf.*, FAthensArchaeolS FAHA FSA CorrMGermanArchInst CorrMAthensAcad
Appointed 1963

Edwin Cuthbert Hall Professor in Middle Eastern Archaeology
John Basil Hennessy, DPhil *Oxf.* BA, FAHA FSA
Appointed 1973

Associate Professor
J. R. Green, BA PhD *Lond.*, FAHA FSA

Senior Lecturers
Judy M. Birmingham, MA *St.And. & Lond.*
J.-P. Descoeudres, PhD *Basle*
A. W. McNicoll, BA *Melb.* DPhil *Oxf.*

Emeritus Professor
A. D. Trendall, CMG KCSG, MA LittD *Camb. & N.Z.* Hon.LittD *Melb.* Hon.DLitt *Adel. & Syd.*, FSA FBA FAHA

Education

Professors
Samuel Ball, PhD *Iowa* BA MEd, FAPA
Appointed 1978
Donald Spearritt, MA MEd *Qld* EdD *Harv.*, FASSA
Appointed 1968
Clifford Turney, BA MEd PhD
Appointed 1976

Associate Professors
John F. Cleverley, BA MEd PhD
Raymond L. Debus, PhD *Ill.* BA DipEd

Senior Lecturers
William E. C. Andersen, PhD *Lond.* DipRE *M.C.D.* MA MEd
Leonard G. Cairns, BCom *N.S.W.* MEd *Arizona & Syd.*
David G. Dufty, PhD *Stan.* BEc MEd DipEd
Neville G. Hatton, BA *Qld* MEd
Dudley F. S. Hick, MA DipEd *Oxf.* MEd PhD
Christine B. Inglis, MA *A.N.U.* PhD *Lond.* BA
Margaret R. Killin, BSc *Texas* MA *Mich. (Physical Education)*
Raymond J. R. King, MA *Otago.* DipSocSc *N.Z.* PhD
Yvonne A. Larsson, PhD *N.S.W.* MA
Kevin Laws, EdD *Georgia* MA
Herbert Marsh, BA *Indiana* MA PhD *Calif.*
Lindsay R. McCaughan, MA *Cant.* PhD *Flor.* DipPhEd *Otago*, ANZAHPER
Lee C. Owens, BS *Lehigh* MA *Claremont* PhD
Robert C. Petersen, BA PhD DipEd
Kenneth W. Rogers, BA *Lond.* DipEd *Exe.* PhD
Geoffrey E. Sherington, MA *N.S.W.* PhD *McMaster* BA
Kenneth E. Sinclair, EdM PhD *Ill.* BA
Ian D. Smith, MA PhD *Stan.* BA
James C. Walker, BA MEd PhD
Kenneth D. Watson, BA MEd DipEd
Francis H. K. Wong, MA PhD DipEd *Lond.*
Robert E. Young, BA PhD *Monash* MA *P.N.G.*

Lecturers
Audrey Aarons, MA *Lond.* (fixed term)
Roslyn Arnold, MA DipEd
Suzanne R. Butler, BEd MA *McG.* PhD *Lond.*
Beverley Dunbar, BEd (fixed term)
Susan Groundwater-Smith, MA
Phillip W. Jones, BA PhD
Stephen Juan, MA CPhil PhD *Calif.*
Catherine O'Brien, BSc *N.Y. State* MSc *Syracuse* PhD *Ohio State* (fixed term)

OFFICERS David L. Smith, BA *N.E. & Macq.*
Geoffrey Williams, BEd MA

Lecturers (temporary)
Stephen J. R. Billington, MA DipEd
Ian Cochrane, BSc DipEd
Diana Iles, BA DipEd
Brian Langworthy, BEc MEd
Pamela M. Riley, BEd *Qld* MA MEd DipEd
Wayne Sawyer, MA DipEd

Lecturers (part time)
Sir Hermann Black, Hon.DLitt *N'cle(N.S.W.)* MEc
A. W. Blewitt, BA DipEd
Julie Clark, BSc DipEd
W. Collins, BEd
J. Eggleton, DipMulticulturalEd *Armidale C.A.E.*
C. Ferguson, BSc *N.S.W.*
J. Habler, DipPhysEd *Syd. Teachers Coll.*
L. K. Harris, BA MEd
L. G. Ingram, BA LittB *N.E.* MEd
E. H. LeMaistre, BS *Springfield Coll.* EdD *Calif.* MEd
Katherine Marsh, BMus
J. Miller, MSc *Oregon*
R. Norling, ARCA ASTC
J. J. Pratt, BA *Qld* BEd *Melb.*, FACE
P. Stone, DipArt *Norwich Art Coll.*
Joyce Wylie, PhD *Ill.* BA MEd

Tutors
Colin Evers, LittB *N.E.* BA
Janet Jones, BA DipEd *N.E.*
Paul McGillick, BA *W.Aust.* MA DipTEFL
Joseph J. D. Relick, BSc *C'dia* DipEd *Notre Dame*
June Swan, MA *W.Aust.* and *Syd.* DipEd DipTEFL
Jan Tent, BA DipEd *Macq. (TEFL)*

English

Challis Professor of English Literature
Gerald Alfred Wilkes, DPhil *Oxf.* MA DipEd, FAHA
Appointed 1962

McCaughey Professor of Early English Literature and Language
Harold Leslie Rogers, MA *Oxf.*
Appointed 1966

Professor of Australian Literature
Dame Leonie Judith Kramer, DBE, BA *Melb.* DPhil *Oxf.* Hon.DLitt *Tas.*, FAHA FACE
Appointed 1968

Readers
Vivian B. Smith, MA *Tas* PhD
R. Michael Wilding, MA *Oxf.*

Associate Professors
Robert D. Eagleson, PhD *Lond.* MA DipEd *(Early English Literature and Language)*
John S. Gunn, MA *(Early English Literature and Language)*
Margaret A. Harris, PhD *Lond.* MA
Stephen T. Knight, MA *Oxf.* PhD *(Early English Literature and Language)*
G. L. Little, BA *Keele* MA *Melb. (English Literature)*
William M. Maidment, BA *(English Literature)*
Andrew P. Riemer, PhD *Lond.* BA
James G. Tulip, BA *Qld* PhD *Chic. (English Literature)*

Senior Lecturers
Donald Anderson, BA PhD
Judith Barbour, MA PhD
Christopher F. Bentley, BA *Brist.* PhD *Nott.*
Margaret Clunies-Ross, BA *Adel.* MA BLitt *Oxf.*
Penelope Gay, BA *Melb.* PhD *Lond.* MA
Jennifer M. Gribble, MA *Melb.* BPhil *Oxf.*
Robert L. P. Jackson, MA *Auck.* PhD *Camb.*
Alex I. Jones, MA LLB
Brian F. Kiernan, MA DipEd *Melb.*
Pamela M. N. Law, MA *Camb.* DipEd *N.E.* BA
David A. Lawton, MA *Oxf.* DPhil *York(U.K.)*
Adrian C. W. Mitchell, BA *Adel.* MA PhD *Qu.*
Simon S. Petch, MA *Oxf.* PhD *Prin.*
Catherine A. Runcie, BA *W.Ont.* MA PhD *Lond.*
E. Peter Shrubb, MA *Stan.* BA
Diane P. Speed, PhD *Lond.* MA
Barry Spurr, MLitt *Oxf.* BA
Betsy S. Taylor, MA *Adel.*
Terry R. Threadgold, MA
Elizabeth Webby, MA PhD

Lecturers
Geraldine Barnes, PhD *Lond.* BA
David Brooks, BA *Lond.* BPhil *Oxf.*
William H. Christie, DPhil *Oxf.* BA
Bruce R. Gardiner, PhD *Prin.* BA
Giulia A. Giuffré, DPhil *Oxf.* BA
Rosemary Huisman, BA PhD
Axel Kruse, BA DipEd *W.Aust.* MA *Tas.*
Anthony P. Miller, BA *W.Aust.* MA *Camb.* PhD *Harv.*
Michael W. B. Orange, BA *Camb.* MA *N'cle (N.S.W.)* PhD
John P. Roche, BA DipEd *Qld* MA *Oxf.*
Margaret Singer, BA *Qld*
Robert W. Williams, BA PhD

Assistant Lecturers
Dennis J. Haskell, BCom *N.S.W.* BA PhD
Ivor Indyk, PhD *Lond.* BA

Tutors
Jane Buhler, BA
Annette Krausmann, BA
Sheridan McGuire, BA
Amanda Morris, BA
Jacinta P. Prentice, BA
Carole Renouf, BA *N.S.W.*
Zigurds P. Ritchers, LLB *W.Aust.*
Lynette A. Shoemark, BA
Debra K. Walker, BA

Power Department of Fine Arts

Power Professor of Contemporary Art
Virginia Margaret Spate, MA *Melb. & Camb.* PhD *Bryn Mawr*, FAHA
Appointed 1979

Senior Lecturers
Robyn M. Cooper, DPhil *Sus.* MA
E. Joan Kerr, BA *Qld* DPhil *York* MA
Terence E. Smith, BA *Melb.* MA

Lecturers
Anthony J. Bradley, MA *Melb.* DipEd DipLib *N.S.W.* MA, ALAA
Alan R. Cholodenko, JD AM *Harv.*
Julie Ewington, BA
Mark B. Pritchard, MA DipFineArt *Lond.*
Till R. Verellen, PhD *Hamburg*

Curator, Power Gallery of Contemporary Art
Bernice L. Murphy, BA *Melb.* (shared appointment)
Leon F. Parsoissien, BA *Melb.* (shared appointment)

Power Research Library of Contemporary Art Research Librarian
John H. Spencer, BA DipEd DipLib *N.S.W.*

French Studies

McCaughey Professor of French
Ivan Peter Barko, Officier des Palmes Académiques *France*, LicPhilRom *Brussels* DU *Stras.*, FAHA
Appointed 1975

Associate Professors
Robert J. Sherrington, BA *Qld* PhD *N.E.*
Ross H. Steele, Chevalier de l'Ordre National du Mérite *France*, DipldePhon *Paris* BA

Senior Lecturers
Anne S. Bates, MA *Ohio State* BA
Peter Hoffman, MA *Essex* BA DipEd
N. Gay D. McAuley, BA PhD *Brist.*
Margaret Sankey, BA PhD DipEd
Maria Shevtsova, MèsL *Paris* BA PhD DipEd
Donald C. Walker, DU *Paris* BA
Robert White, DU *Paris* MA

Lecturers
Violette M. Graber, MèsL *Paris* MA
Judith C. Hatten, MèsL *Grenoble* MA *N.S.W.* BA
Sonia Marks, DipEd *N.S.W.* MA
Maxwell J. Walkley, MA

Senior Tutor
Evelyne Winn, MA

Tutors
Marie-Thérèse Barbaux, MenD CDMAV *Paris*
Christine Béal, MèsL *Lyon* Agrég.de l'U *France*
Norman Gabriel, MA *Monash* BA DipEd

Germanic Studies

McCaughey Professor of German
Gero von Wilpert, PhD *N.S.W.*, FAHA
Appointed 1982

Senior Lecturers
Udo H. G. Borgert, BA PhD
K. Bruce Beaton, BA DipEd *Tas.* PhD *Birm.*
John M. Clifton-Everest, BA *Durh.* PhD *Lond.*
John E. Fletcher, MA *Lond.* DipEd *Durh.*
Michael G. Nelson, BA PhD
Brian A. Taylor, DipAppLing *Edin.* MA DipEd

Lecturers
Kenneth J. Moulden, BA PhD
Manfred Pienemann, Drphil *Wuppertal*

Senior Tutor
Yvonne Holbeche, BA PhD

Tutors
Jane S. Sydenham, BA
Jutta Bender, LèsL *Paris* Drphil *Wuppertal*

Greek (Ancient Greek)

Professor
William Ritchie, MA PhD *Camb.* BA, FAHA
Appointed 1965

Senior Lecturers
Alan W. James, MA PhD *Camb.*
John A. L. Lee, PhD *Camb.* BA
Harold A. S. Tarrant, MA *Camb.* PhD *Durh.*

Tutor
Philippa M. Kavanagh, BA DipEd

Modern Greek
[See under separate alphabetical listing below.]

History

Challis Professor
Deryck Marshall Schreuder, BA *Rhodes* DPhil *Oxf.*
Appointed 1980

Professors
Roy Malcolm MacLeod, AB *Harv.* PhD *Camb.* FRHistS
Appointed 1982
John Manning Ward, AO, MA LLB, FAHA FASSA FRAHS
Appointed Challis Professor 1949; Professor of History 1982; Deputy Vice-Chancellor 1979; Vice-Chancellor and Principal 1981

Readers
Richard A. Bauman, BA LLB *S.A.* PhD *Witw.*, FAHA *(Ancient History)*
Jim Masselos, PhD *Bom.* BA

Associate Professors
Richard J. B. Bosworth, PhD *Camb.* MA
Kenneth J. Cable, AM, MA *Camb. & Syd.*, FRAHS
Brian H. Fletcher, PhD *N.S.W.* MA DipEd, FRAHS
R. Ian Jack, MA *Glas.* PhD *Lond.*, FRHistS
Neville Meaney, MA *Adel.* PhD *Duke*
Soumyen N. Mukherjee, MA *Camb.* BA PhD *Lond.*
Robert K. Sinclair, MA *Camb.* BA DipEd

Senior Lecturers
James R. Angel, OBE, PhD *A.N.U.* M.A. DipEd
Peter M. Brennan, MA *A.N.U.* PhD *Camb.* BA
Anthony E. Cahill, MA *Oxf.* BA
Barbara Caine, MPhil *Sus.* BA
Iain A. Cameron, MA *Glas.* PhD *R'dg*
Robert E. Dreher, BA *Colgate* MA PhD *Wis.*
L. Bruce Fulton, MA *Manit.* PhD *Tor.*
Robert J. Hind, BA PhD TC *Lond.*, FRHistS
Sybil M. Jack, MA BLitt *Oxf.* DipEd *N.E.*, FRHistS
Gwynne F. T. Jones, DPhil *Oxf.* MA *N.Z.*
Alastair D. MacLachlan, BA PhD *Camb.*
Kenneth K. Macnab, BA *N.E.* DPhil *Sus.*
Geoffrey A. Oddie, PhD *Lond.* MA DipEd *Melb.*
James L. O'Neil, PhD *Camb.* MA
John H. Pryor, BA *Adel.* PhD *Tor.*
Roslyn L. Pesman, PhD *Lond.* BA
Heather J. Radi, BA PhD *Qld* DipLib *N.S.W.*
Craig J. Reynolds, BA *Amherst* PhD *C'nell*
Martin Stone, BA *Camb. & Syd.*
James Waldersee, BA BSc PhD, AMusTCL
Alison D. Wall, MA *Melb.*
John O. Ward, BA *Melb.* MA PhD *Tor.*
Richard Waterhouse, MA PhD *Johns H.* BA
Noel K. Weeks, BSc *N.E.* BD ThM *Westminster Theol. Sem.* MA PhD *Brandeis*
Graham J. White, DipEd *N.E.* BEc PhD
John Yue-wo Wong, BA *H.K.* DPhil *Oxf.*, FRHistS

Lecturers
Peter J. Cochrane, BA *LaT* PhD *Adel.* (fixed term)
Grahame B. Harrison, BA
B. Lynette Olson, BA *Oberlin Coll., Ohio* MSL *Pontif. Inst. Med. Stud., Tor.* PhD *Tor.*
Zdenko Zlatar, MA PhD *Ill.* BA *De Paul*

Senior Tutor
Leonie Hayne, BA *Qld* MA

Administrative Assistant
Beverley Purkis, BA

Honorary Associates
R. A. Bauman, BA LLB *S.A.* PhD *Witw.*, FAHA (from September 1984)
P. Edwards, BA *Lond.* PhD *Camb.*
M. D. Stephen, MLitt *Camb.* BA

Indonesian and Malayan Studies

Professor
Peter John Worsley, DLitt *Ley.* BA
Appointed 1972

Senior Lecturers
Rudy C. de Iongh, Drs *Utrecht*
Michael J. van Langenberg, BA PhD

Lecturers
Badu Simandjuntak, MA *Pacific Union College, Calif.* DPhil *Oxf.*
John A. Day, BA *Harv.* MA PhD *C'nell*
Boy Joseph, Drs *Malang* DipTEFL
George Quinn, BA *Gajah Mada, Yogyakarta* MA *Well.*
Jon Sumaryono, BEd *Bandung* DipTEFL
Marcus Susanto, Drs *Gajah Mada, Yogyakarta* DipEd

Honorary Associates
Professor C. Kessler, PhD *Lond.* BA
D. Miles, MA PhD

Research Affiliate
D. Reeve, BA PhD

Italian

Professor
Gino Lorenzo Rizzo, DottLett *Padova*
Appointed 1977

Senior Lecturers
Nerida Newbigin, BA PhD
Anne Reynolds, BA PhD
Silvio Trambaiolo, DottLett *Padova*

Lecturers
Camilla Bettoni, DottLett *Padova* PhD *James Cook*
Timothy Fitzpatrick, BA PhD
William D. T. Kelly, BA *Wales*
Tatiana Sokoloff, DottLingue *Bari*

Senior Tutor
Mariella Totaro, DottLegge *Torino*

Tutor
Giuseppina Vicentini, MA *Georgetown*

Honorary Associate
M. Tomalin, MA *Melb.*

Honorary Assistant Lecturers
Agostino Cappella, DottLingue *Macerata*
Daniela Cappella, DottFilosofia *Macerata*

Latin

Professor
Arthur John Dunston, Cav., BA *R'dg* MA *Camb.*
Appointed 1953; Deputy Vice-Chancellor 1982

Senior Lecturers
B. Dexter Hoyos, BA *W.I.* MA *McM* DPhil *Oxf.*
Frances Muecke, BA *Melb.* BPhil *Oxf.*
Lindsay C. Watson, MA *Glas.* MPhil *Oxf.* PhD *Tor.*

Lecturer
Patricia A. Watson, MA PhD *Tor.*

Linguistics

Professor
Michael Alexander Kirkwood Halliday, BA *Lond.* MA PhD *Camb.* DHC *Nancy*, FAHA
Appointed 1975

Senior Lecturer
Barbara M. Horvath, BA *Calif. State* MA *Mich. State* PhD *Georgetown*

Lecturers
John P. Gibbons, BA *Exe.* MA *Lanc.*
Gregory R. Guy, BA *Boston* MA PhD *Penn.*
James R. Martin, BA *York (Can.)* MA *Tor.* PhD *Essex*
Michael J. Walsh, PhD *A.N.U.* BA

Modern Greek

Sir Nicholas Laurantus Professor of Modern Greek
Michael John Jeffreys, MA *Camb.* PhD *Lond.*

Senior Lecturer
Alfred L. Vincent, MA PhD *Camb.*

Lecturer
Demetrios Rontidis, BA LittB DipEd *N.E.* (temporary)

Tutors
Helen Amvrazi, BA DipEd
Laura Palmer, BA *N.S.W.* DipEd

Research Affiliate
E. Jeffreys, BLitt *Oxf.*

Music

Professor
Peter Platt, MA BMus BLitt *Oxf.*, FGSM
Appointed 1975

Reader and Sydney Moss Lecturer in Music
Peter J. Sculthorpe, OBE, MusBac *Melb.* Hon.DLitt *Tas.*

Associate Professor
Eric Gross, MA MLitt DMus *Aberd.*, FTCL

Senior Lecturer
Winsome Evans, BEM, BMus, LTCL

Lecturers
Graham Hardie, MMus *Melb.* PhD *C'nell*, LRAM
Allan Marett, BA *Well.* MA *Lond.* PhD *Camb.*
Nicholas Routley, MA MusB PhD *Camb.*

Honorary Associate
S. Wild, MA *W.Aust.* PhD *Indiana*

Oriental Studies

Professor

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Senior Lecturers
Hugh D. B. Clarke, BA PhD
Raymond S. W. Hsu, BA *Nanking* MA PhD *Camb.*
Mabel Lee, BA PhD
Sakuko Matsui, BA *Konan* PhD
Agnieszka D. Syrokomla-Stefanowska, BA PhD

Lecturers
Hiroko Kobayashi, BA *Saitama* MA
Toshihiko Kobayashi, LLB BA *Tokyo*
Leith D. Morton, BA PhD
Anthony J. Prince, BA PhD

Philosophy

General Philosophy

Reader
György Markus, DipPhil *Moscow* CandSciPhil *Hungarian Acad. Science*

Associate Professor
John B. Burnheim, MA *N.U.I.* DPhil *Louvain*

Senior Lecturers
Alan F. Chalmers, BSc *Brist.* MSc *Manc.* PhD *Lond.*
Paul J. Crittenden, DD *Catholic Inst. Syd.* BLitt *Oxf.*
Stephen Gaukroger, BA *Lond.* PhD *Camb.*
Lloyd Reinhardt, BA *Calif.*
Wallis A. Suchting, BA *Qld* MA PhD *Melb.* DipEd

Lecturers
Jean Curthoys, BA
Elizabeth Gross, BA PhD
Emanuel Roxon, BA

Senior Tutor
Denise L. Russell, BA PhD

Traditional and Modern Philosophy

Challis Professor of Philosophy
David Malet Armstrong, BPhil *Oxf.* PhD *Melb.* BA, FAHA
Appointed 1964

Associate Professors
Keith K. Campbell, MA *N.Z.* BPhil *Oxf.*, FAHA
Michael J. Devitt, MA PhD *Harv.* BA
David C. Stove, BA, FAHA

Senior Lecturers
John Bacon, BA *Wabash* MA PhD *Yale*
Michael McDermott, BA PhD

Lecturers
Francis Snare, BA *Kalamazoo* PhD *Mich.*
John S. Mills, BA BE *Adel.* PhD *A.N.U.*

Research Affiliates
L. Cumming
J. Rybak

Religious Studies

Professor
Eric John Sharpe, MA *Manc.* TeolD *Uppsala*, FAHA
Appointed 1977

Senior Lecturers
William J. Jobling, MA PhD
Garry W. Trompf, BA DipEd *Melb.* MA *Monash & Oxf.* PhD *A.N.U.* (on secondment to *P.N.G.*)

Lecturer
Arvind Sharma, BA *Allahabad* MA *Syracuse* MTS PhD *Harv.*

Japan Foundation Lecturer
Adrian B. Snodgrass, MSc (with Architecture)

Assistant Lecturers
Peter D. Masefield, BA PhD *Lanc.*
Gregory J. Tillett, BA *W. Aust.* DipLibS *W.A.I.T.*, FRSA

Part-time Tutors
A. John Cooper, BA *N.E.*
Anne Prichard, BA

Semitic Studies

Professor
Rifaat Yassa Ebied, BA *Ain Shams*, FRAsiaticS FAHA
Appointed 1979

Senior Lecturers
Michael G. Carter, MA DPhil *Oxf.*
Alan D. Crown, MA *Leeds* PhD
Ahmad M. H. Shboul, LèsL *Damascus* PhD *Lond.*, FRAsiaticS

Lecturers
Brian A. Parker, BA *Lond.* MA *Melb.*
Jonathan Shunary, MA PhD *Jerusalem*

Social Work

Professor of Social Work
Stuart John Rees, BA DipSocStud CertSocCasework *S'ton* PhD *Aberd.*
Appointed 1978

Senior Lecturers
Yvonne M. Cullen, BA *N.E.* MS *Col.* MA DipSocWk
Alan G. Davis, BA *Sheff.*
Michael D. Horsburgh, MSW *N.S.W.* BA DipSocWk
Alec G. Pemberton, BSocStud MA *Qld* MA *Macq.*
Rosamund M. Thorpe, BSocSc DipSocWk *Birm.* PhD *Nott.*

Lecturers
Helen Kiel, BA DipSS *Melb.* MSW *Monash*
Helen Marchant, BSocStud *Qld* MA *C'dia*
Judith L. Petruchenia, BSW *N.S.W.* MA *Macq.*
Cherie O. Sutherland, BA *N.S.W.*

Senior Tutors
John S. Freeland, BEc BEd *Qld*
Janet George, BA *N.E.* MPhil *H.K.*, MPS
Susan T. Kimber, BSocStud (half time)

Tutors
Christian Alexander, BA *A.N.U.* PhD *N.S.W.*
Arlene Herman, MSW *Temple*
Shane O'Higgins, BA BSocStud *Qld* DipEd *Syd. Teach. Coll.*

Other units

Museum Studies

Senior Lecturer
John C. Hodge, BSc BEd *Qld* ThA *Aust. Coll. Theol.*, AMAA

Senior Tutor
Malvin L. Eutick, BSc PhD

FACULTY OF DENTISTRY

Departments

Operative Dentistry

Professor
. . . . . .

Associate Professor
George Wing, MDS DDSc, FACD FRACDS FICD

Senior Lecturers
Roland W. Bryant, MDS PhD, FRACDS
George H. Hewitt, MDS, FDSRCS FRACDS
Michael C. Kafalias, MSD *Indiana* MDS, FRACDS
Alexander J. Moule, BDSc PhD *Qld*

Lecturers (temporary)
F. Elizabeth Martin, MDS, FRACDS
Erica F. Morey, BDS

Senior Tutors (part time)
Thomas W. Boland, MSc *Lond.* BDS
Anthony W. Bull, BDS *Northwestern* MDS, FRACDS
Rosemary Cane, BDS
Richard W. Chan, MDS
John M. Crawford, BDS
Philip C. Crocker, BDS, FRACDS
F. Shane Fryer, BDS
John P. Giblin, MDS, FRACDS
Desmond A. Hing, DDS *Northwestern* BDS, FRACDS
Ernest H. Jones, MDS, FRACDS
John S. Lyell, MDS, FACD FRACDS
Anthony P. Martin, MDS, FRACDS
Peter A. Morris, BDS
Alan J. Nicholas, BDS
Martin S. Pratt, BDS
Peter G. Rosenhain, BDS
Joseph W. H. Skinner, MDS, FRACDS
Martin D. Suthers, MSc *Lond.* BDS
A. Graham Walters, BDS
Robert A. Watson, BDS
Phillip G. C. Whalley, BDS

Tutors
John Der Tateossian, BDS
Leonard Leung, BDS
Robyn P. Thomas, BDS
Theresa Wong, BDS *Malaya*

At the Parramatta Hospitals, Westmead Centre Dental Clinical School
Honorary Clinical Lecturers (part time)
Robert J. F. Butler, BDSc *Melb.* DPHDent, LDS *Vic.*
A. Robert Carter, MDS, FRACDS FICD
Christopher J. G. Griffiths, BDS DPHDent, LDS *Vic.*

Honorary Clinical Tutor (part time)
Fiona Heard, BDSc *Melb.*, FRACDS LDS *Vic.*

Oral Surgery

McCaughey Professor of Oral Medicine and Oral Surgery
Mark Jolly, AM, MDS DDSc, FRACDS
Appointed 1965

Associate Professors
Neville H. H. Smith, MDS, FRACDS
Geoffrey C. Stacy, BDS DOrth *RCS*, FDSRCS FRACDS

Senior Lecturer
Leslie P. Oliver, MDS, FRACDS

Lecturers (temporary)
Peter G. Mouser, BDSc *Qld*
Graydon C. Smith, MDS, FRACDS

Lecturers (part time)
Volney G. Bulteau, MB BS DLO, FRACS *(E.N.T. Surgery)*
Ian S. Collins, MB BS, DRACP MRCP FRACP FRCPE *(Medicine)*
John E. DeB. Norman, MB ChB *Leeds* MDS, FDSRCS FRACDS *(Maxillofacial Surgery)*
Nicholas A. Packham, MB BS BDS, FRACS *(Head and Neck Surgery)*
Peter W. Shields, MDS *(Anatomy)*
Nihill H. Somers, BA *N.E.* MDS, FRACDS *(Local Anaesthetics)*
Deirdre I. Wright, MB BS, FFARCS FFARACS *(General Anaesthetics)*

Senior Tutors (part time)
Gordon Buchanan, MDS, FRACDS
Allan G. Carr, BDS
Thomas R. Corbett, MDS, FRACDS
Geoffrey G. Cumming, BDS MDSc
Evan Godfrey, BDS
Francis E. Helmore, OBE, DDSc, FRACDS
Norma F. McCormack, BDS
John A. McCoy, BDS
Murray A. MacGee, BDS
Bruce E. Peet, MDS, FRACDS
Desmond A. Singh, BDS
Nihill H. Somers, BA *N.E.* MDS, FRACDS
David H. Swift, BDS
Basil P. Voyagis, BDS

Tutors
Bruce W. Austin, BDSc *Qld*
Angus M. Kingon, BDS *Lond.*

At the Parramatta Hospitals, Westmead Centre Dental Clinical School
Honorary Clinical Lecturers (part time)
Anthony P. Barrett, BDSc *Melb.* PhD *Melb.*, LDS *Vic.*
Geoffrey McKellar, BDSc *Qld.* MDSc *Melb.*
V. Rengaswamy, BDS *Singapore* MSc *Lond.*, FDSRCPSEd

Honorary Clinical Senior Tutor (part time)
Graham Tier, BDS, FDSRCPSEd FRACDS

Honorary Clinical Tutors (part time)
Ann Collins, BDS *Lond.*, FRACDS LDSRCS
Anthony Hill, BDS *Otago*, FDSRCS
Mark Smith, BDS
Ian Wilson, BDS

Preventive Dentistry

Professor
Noel Desmond Martin, AM, MDS, FACD FAPHA FICD FRACDS AIAOP
Appointed 1961

Professor Oral Biology and Director of the Institute of Dental Research, United Dental Hospital of Sydney
Kenneth William Knox, PhD *Lond.* MSc
Appointed 1975

Associate Professors
Peter D. Barnard, MPH *Mich.* MDS, FICD FRACDS FAPHA
Keith Godfrey, MDS

Senior Lecturers
Graham G. Craig, MDS PhD
Ives L. N. Lopes, BDS *Bom.* MDS, FRACDS
Keith Powell, MDS, FRACDS

Senior Lecturer (half time)
John Highfield, MSc *Lond.* DDS *Tor.* BDS

Lecturer (temporary)
Roslyn Alt, BDS MDSc

Lecturers (part time)
Cyril Cummins, MB BS DPH
Sydney Levine, MDS, FRACDS
John Prescott, BA

Senior Tutors (part time)
Colin D. Albers, BDS
Ernest G. Altman, MDS MHP *N.S.W.*
Anthony Ancell, BDS
Ian R. Burns, BDS
Robert L. Currie, MDS, FRACDS
David J. Dal Pra, MSc *Lond.* BDSc *Qld*
Graeme R. Dunn, MDS, FRACDS
Robert Fox, BDS *Belf.* DipOrtho *R.C.S.*, FDSRCS
Anthony Goswell, BDS
Richard A. Greentree, BDS
Brian L. C. Harvey, BDS
Andrew Hedberg, BDS
Sharon Kohn, BDS
Deborah Lake, BDS
David Leafe, MSc *Lond.* BDS
Harris K. Lewis, MDS, FRACDS
Ronald J. Masson, BDS MDSc, FRACDS
Narelle McKay, BDS
W. James Mackie, MDS, FRACDS
Peter J. Ortner, BDS
Edward J. Peel, BDS MDSc
Morris Rapaport, BDS MDSc
John F. Reading, BDS DipOrtho *R.C.S.*, FDSRCS
Edward H. Ryan, DDS *Tor.* BDS
W. Laurence Scully, BDS MDSc, FRACDS
Mark Spencer, BDS
Catherine Taylor, BDS MHP *N.S.W.*
Paul Taylor, BDS MDSc
Robyn Thompson, BDS
John C. Wallace, BDS
Helen Walters, BDS

Tutor
Suzanne V. Turek, BDS

Tutors (part time)
Barbara Barnard, BA *N.E.*
Sandra Broughton, BA
Deidre East, BA *N.E.*
Jack Stepanian, BA *N.S.W.I.T.*
Michelle Travers, BA *N.S.W.*

At the Parramatta Hospitals, Westmead Centre Dental Clinical School
Honorary Clinical Lecturers (part time)
Susan Howell, BDS MDSc
John Pritchard, MDS *Otago*
Richard Widmer, MDSc *Melb.*, FRACDS LDS *Vic.*

Honorary Clinical Tutor (part time)
Mark McLachlan, MDS

Prosthetic Dentistry

Professor
Iven John Klineberg, PhD *Lond.* BSc MDS, FRACDS FDSRCS
Appointed 1978

Reader
Richard G. Earnshaw, MDSc *Qld* PhD *Manc.*

Associate Professor
Barrie R. D. Gillings, ED, MS *Roch.* BDS PhD, FRACDS

Senior Lecturers
Eric M. Bevan, MDS, FICD FRACDS
Norton A. Duckmanton, MDS, FRACDS
Ross G. Jarvis, MDS, FDSRCS FRACDS

Lecturers
Bruce H. Allcock, MDS, FRACDS (temporary)
Ijaz Haque, MDS *Punj.* PhD

Lecturers (part time)
Emeritus Professor Campbell H. Graham, DDS *Northwestern* MDS, FACD FRACDS
A. Gordon Rowell, AO CBE ED, DDS *Northwestern* MDS, FICD FACD FDSRCS FRACDS Hon. FADI

Senior Tutors (part time)
Keith Baetz, BSc BDS *Witw.* MDSc
William Dawes, BDS MS *Lond.*
Heather Doust, BDS
Stephen Elliott, BDS
Robin Hawthorn, MDS
Evelyn Howe, BA, MAPsS
Stuart H. Howe, BDS
Peter Hyde, BDS
Carmen Lechner, BDS
Sybille Lechner, MDS, FRACDS
Toshiko Mori, BDS PhD
Neil Peppitt, BDS
Thomas F. Pyke, MA MDS, FRACDS
Walter K. Schneider, BDS
Guy Silberstein, BDS
Graham Thomas, BDS, FRACDS
Terence Walton, MS *Mich.*, BDS MDSc, FRACDS
David Wheatley, MDS, FRACDS

Tutors
Dan Brener, BDS
Carole A. Price, BDS
David Roessler, BDS

Emeritus Professor
C. H. Graham, DDS *Northwestern* MDS, FACD FRACDS

At the Parramatta Hospitals, Westmead Centre Dental Clinical School

Honorary Clinical Lecturer (part time)
Brian Roberts, MDS *Otago*, DRestD *Edin.*, FDSRCS

Honorary Clinical Tutor (part time)
David Sykes, BDS *Lond.*, LDSRCS

Other teaching staff

At the Westmead Centre Dental Clinical School

Director of Dental Services at the Parramatta Hospitals Westmead Centre and Professor of Dentistry
Keith Simon Lester, MDS PhD DDSc, FRACDS
Appointed 1980

From other faculties

Professor
David Agar Cameron, MDS PhD *(Pathology)*

Reader
John R. Gibbins, MDS PhD *(Pathology)*

Associate Professors
Arthur V. Everitt, BSc PhD *(Physiology)*
Barry S. Gow, MDS PhD, FRACDS *(Physiology)*

Senior Lecturers
Peter L. Davies, MDS *(Anatomy)*
Michael A. W. Thomas, DPhil *Oxf.* BSc *(Biochemistry)*

Temporary Lecturer (part time)
B. Lilienthal, DPhil *Oxf.* BDS BSc DDSc, FRACDS FICD *(Dental Radiology)*

SCHOOL OF DIVINITY

Sections

Old and New Testament

Lecturers in Divinity (part time)
Paul W. Barnett, BD PhD *Lond.* MA
H. Ruth Dicker, BSc DipEd
William J. Dumbrell, MTh *Lond.* ThD *Harv.* MA
Graham R. Hughes, MA BD *Otago* PhD *Camb.*
John A. L. Lee, PhD *Camb.* BA
Peter T. O'Brien, ThL *Aust.Coll.Theol.* BD *Lond.* PhD *Manc.*
Darryl W. Palmer, MA *Melb.* BD *Drew.* ThM *Harv.*
Barbara E. Thiering, BD *Lond.* TheolM *M.C.D.* BA PhD DipEd
Howard N. Wallace, BE *N.S.W.* ThD *Harv.* BD

History and Thought of Christianity

Lecturers in Divinity (part time)
Geoffrey L. Barnes, BA *Melb.* BD *M.C.D.* STM *Hartford Sem.*
Kenneth J. Cable, AM, MA *Camb. & Syd.*, FRAHS
Hugh C. Cairns, MA *Oxf.* BD PhD *Edin.*
Edmund Campion, MA *Camb.*
David M. Coffey, STD *Catholic Inst. Syd.*
Gordon S. Dicker, TheolM *M.C.D.* ThD *U.T.S. (N.Y.)* BA BD
Graeme R. Ferguson, BD *Otago* MA *Auck.* PhD *Camb.*
Stylianos Harkianakis, MD *Constantinople* DD *Athens* (Archbishop)
John Hill, STL *Pontif.Urb.* DPh *Rome*
D. Broughton Knox, BD MTh *Lond.* DPhil *Oxf.* BA
Allan W. Loy, MA PhD *Yale* BD *U.T.S.(N.Y.)* BA
Kenneth R. Manley, BA *Brist.* DPhil *Oxf.*
Crawford Miller, MA *Oxf.* BD *Edin.*
E. S. Julian Miller, MA *Oxf.* STL *Pontif.Urb.*
Raoul J. Mortley, MA *Monash* Dr3rdCy DLitt *Stras.* BA
F. Stuart Piggin, PhD *Lond.* BA DipEd
James S. Udy, STB PhD *Boston* BA

FACULTY OF ECONOMICS

Departments

Accounting

Professor
Murray Charles Wells, MCom *Cant.* PhD, ACA *N.Z.* AASA(Snr)
Appointed 1975

Associate Professor
Ronald L. Bowra, LLB, FCA(Aust) *(Commercial and Industrial Law)*

Senior Lecturers
Frank L. Clarke, BEc PhD, AASA(Snr) ACIS
Allen T. Craswell, BCom *Qld*, AASA(Snr)
Graeme W. Dean, MEc
Michael J. R. Gaffikin, BCom *Well.* MBA *Massey*, AASA ACIS
T. Sri Ramanathan, Attorney at Law *Sri Lanka (Commercial and Industrial Law)*
Anne L. N. Riches, BA *Lanchester Poly.* LLM DipJur *(Commercial and Industrial Law)*
Peter W. Wolnizer, BEc *Tas.* MEc, AASA(Snr)

Lecturers
Roger L. Burritt, BA *Lanc.* MPhil *Oxf.*, AIB
Wai Fong Chua, BA PhD *Sheff.*
Cynthia F. Coleman, DipEd *Syd.Teach.Coll.* MA LLM *(Commercial and Industrial Law)*
Geoffrey E. Hart, BA LLB *Qld* LLM *Lond.*
Stephanie Rees, LLM
Trevor D. Wise, BCom *Cant.* MCom *Auck.*

Senior Tutor
Leslie Szekely, BA LLM *N.S.W.*

Tutors
Geoffrey I. Foster, BCom *Qld*
Jayne M. Godfrey, BCom *Melb.* DipEd *Melb.S.C.V.*
Cecilia Spence, BCom *Well.*, ACA(NZ)
Jayne Wilson, BEc *Tas.*

Emeritus Professor
R. J. Chambers, AO, BEc DScEcon, FASA ACIS

Research Affiliate
C. P. Mills, BEc LLB

Econometrics

Professor
Alan Donald Woodland, BA PhD *N.E.*
Appointed 1982

Senior Lecturers
Allan P. Andersen, BSc PhD *Qld*
Robert B. Bartels, BA PhD
Dilip B. Madan, BCom *Bom.* PhD(Econ) PhD(Math) *Maryland*

Lecturers
Denzil G. Fiebig, MCom *N.S.W.* PhD *Southern Calif.*

John G. Goodhew, MEc
Ernest L. Houghton, BEc PhD

Research Affiliate
J. M. Rybak, BA DipNAAC

Economic History

Professor
Stephen Matthew Salsbury, AB *Occidental* AM PhD *Harv.*
Appointed 1977

Associate Professor
Kenneth D. Buckley, BA *Lond.*

Senior Lecturers
John H. Drabble, MA *Camb.* PhD *Lond.*
F. Benjamin Tipton, AB *Stan.* AM PhD *Harv.*
Garry C. Wotherspoon, BCom *N.S.W.* MEc

Lecturers
Robert Aldrich, BA *Emory* MA PhD *Brandeis*
Peter K. Hall, MSc(Econ) PhD *Lond.*

Economics

Professors
Peter Diderik Groenewegen, PhD *Lond.* MEc, FASSA
Appointed 1980
Warren Pat Hogan, MA *N.Z.* PhD *A.N.U.*
Appointed 1968
Gordon Mills, MA *Camb.*
Appointed 1976

Associate Professor and Director of 'P' Courses
Frank J. B. Stilwell, BSc *S'ton* PhD *Rdg*

Associate Professors
Edward L. Wheelwright, DFC, MA *St And.*
James R. Wilson, MEc

Senior Lecturers
Debesh Bhattacharya, MA *Calc.* PhD DipAdvEconDevel. *Manc.*
Flora Gill, BA *Jerusalem* PhD *Stan.*
Louis Haddad, BEc
Vivian B. Hall, MCom PhD *Auck.*
Solkew Kim, BEc *Kookmin* MEc *Seoul* MPIA *Pitt.* PhD
William J. Merrilees, BCom *N'cle(N.S.W.)* MA PhD *Tor.*
Anthony J. Phipps, BSc(Econ) MSc *Lond.* PhD *Strath.*
Margaret E. D. Power, MEc
Peter Saunders, BSc (SocialSciences) DipEcon&Econometrics *S'ton* PhD
John A. Stuckey, BAgrEc MEc *N.E.* PhD *Harv.*
Judith N. Yates, BEc *A.N.U.* DrEcSc *Amst.*

Lecturers
Gavan J. Butler, MAgrSc *Melb.* PhD *Calif.*
Joseph Halevi, DottFil *Rome*
Evan Jones, BCom *Melb.* MA PhD *Mich.*
Surinder Joson, MA MA(Econ) *Punj'i* PhD
Eric Kiernan, BSc *Sus.* MSc *Brist.*
Murray Milgate, MA *Essex* PhD *Camb.* MEc
Bruce W. Ross, BA *N.S.W.*
Russell T. Ross, MCom *Auck.* MA PhD *Duke*

Government and Public Administration

Professor of Political Theory
Henry Mayer, AM, MA *Melb.*, FASSA
Appointed 1969

Professor of Government and Public Administration
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Readers
Carole Pateman, MA DPhil *Oxf.*, FASSA
Frederick C. Teiwes, BA *Amherst* PhD *Col.*

Associate Professors
Terence H. Irving, BA PhD
Trevor V. Matthews, BEc PhD
Kenneth I. Turner, BA MEc DipEd

Senior Lecturers
Ernest A. Chaples, MA *Mass.* PhD *Kentucky*
G. Ross Curnow, PhD *C'nell* MA
Graeme J. Gill, MA *Monash* PhD *Lond.*
Ian Grosart, BA *Melb.*
Michael C. Hogan, BA PhD
Robert F. Howard, BA *N.E.* PhD *A.N.U.*
Michael W. Jackson, BA *Nebraska* MA PhD *Alta.*
G. Peter King, BA *Melb.* PhD *A.N.U.*
Michael B. Leigh, BA *Melb.* PhD *C'nell*
Helen G. Nelson, BA *W.Aust.* MA PhD
Martin J. Painter, MA *Sus.* PhD *A.N.U.*
Patricia M. Springborg, MA *Cant.* DPhil *Oxf.*
Rodney E. Tiffen, BA PhD *Monash*

Lecturers
Peter Nelson, MA PhD *Arizona*
F. John Ravenhill, BSc (Econ) *Hull* MA *Dal.* AM *Indiana* PhD *Calif.*
Lex Watson, BA

Industrial Relations

Professor
John Gordon Corina, MA DPhil *Oxf.*, FICS FISE
Appointed 1979

Senior Lecturer
Richard Morris, BA *Lond.* MA *Warw.* PhD *Salf.*

Lecturers
Ronald Callus, MEc
Gregory Patmore, BEc
Keith Whitfield, MA *Camb.* DPhil *Oxf.*

FACULTY OF ENGINEERING

Departments or schools

Aeronautical Engineering

Lawrence Hargrave Professor
Graeme Austin Bird, BSc ME PhD, FTS FRAeS AFAIAA FIEAust
Appointed 1964

Senior Lecturer
Grant P. Steven, BSc *Glas.* DPhil *Oxf.*

Lecturers
Alan R. Fien, BSc *Qld* BE
John Blackler, BE (part time)

Professional Officers Grade III
John Curtis
Nicolas Pitsis, DiplEngin *Athens*
Leonard Stellema

Chemical Engineering

Professor
Rudolf George Herman Prince, BSc BE *N.Z.* PhD, FIChemE FIEAust
Appointed 1969

Associate Professors
John R. Glastonbury, BE MEngSc PhD, FIChemE MAustIMM FAIE
Peter B. Linkson, BE PhD, MIChemE MAustIMM

Senior Lecturers
David F. Bagster, BScApp BSc BE *Qld* PhD *Camb.*, MIChemE
John P. Barford, BE PhD *N.S.W.*
Ian A. Furzer, PhD *Lond.*
Kenneth C. Hughes, BSc PhD *N.S.W.* ASTC *Syd.Tech.Coll.*, ARACI
Barry W. Walsh, BE PhD, MIChemE
Trevor Wood, MSc *Birm.* PhD, MIChemE

Lecturers
Geoffrey W. Barton, BE PhD
Wayne A. Davies, BSc (ChemEng) PhD (temporary)
Robin M. Pitblado, BE *McG.* PhD

Lecturer (part time)
Paul Huggins, MSc *N.S.W.* CEng *C.E.I.* ASTC *S.T.C.* FIChemE MIEAust ARACI

Professional Officers Grade III
Denis M. Nobbs, BE *N.S.W.*
Donald G. Palmer, ASTC *Syd.Tech.Coll.*

Professional Fellows
A. V. Bradshaw, BSc *Lond.*, FAATS FIMM FIM MAIMM
E. W. Saunders, MAdmin *Monash* BE, FIEAust FAIM

Honorary Associate
M. L. Brisk, BE PhD, MIChemE

Civil and Mining Engineering

Challis Professor of Civil Engineering and Head of School of Civil and Mining Engineering
Denison Campbell-Allen, MA *Camb.*, FICE FIEAust MRAeS
Appointed 1968 (to retire December 1983)

Professor of Materials and Mining Engineering
Alexander Elliott Jenkins, BMetE MEngSc PhD *Melb.*, FIM FIEAust MAIMM MAIM
Appointed 1974

Professors of Civil Engineering
Nicholas Snowden Trahair, BSc BE MEngSc PhD
Appointed 1979
Harry George Poulos, BE PhD DScEng, MIEAust MASCE
Appointed 1982

Reader
John R. Booker, BSc PhD

Associate Professors
Andrew Abel, DiplIng *T.U.Budapest* MSc *McM.* PhD *N.S.W.*, FIM CEng
Howard B. Harrison, BSc BE MEngSc PhD, MASCE MICE MIEAust
Harold Roper, BSc PhD *Witw.* MEngSc, MAIMM

Senior Lecturers
Peter Ansourian, BSc BE PhD, MIEAust
Russell Q. Bridge, BE *N.S.W.* PhD, MASCE MICE MIEAust
Peter T. Brown, BSc BE MEngSc PhD, MIEAust
Donald R. Cooley, BE *N.S.W.* DIC *Lond.*, MIEAust AMAustIMM (Mining Engineering)
Roger J. Enright, BE PhD *N.S.W.* MSc *West Virginia*, FMVSSA MAIME AMAustIMM (Mining Engineering)
Gregory J. Hancock, BE BSc PhD, MIEAust
Kenny C. S. Kwok, BE PhD *Monash*
Reginald G. Smith, BSc *Edin.* PhD *Aberd.*, MICE MIStructE MASCE
Richard D. Watkins, BE *Qld* PhD *Aberd.*, MIEAust
Robert J. Wheen, BSc BE MEngSc, MIEAust MASCE

Consultant for Design Studies
Geoffrey C. Verge, BCE *Melb.* MBA *Macq.*, FICE FASCE FIArbAust FIEAust

Lecturers
Logan W. Apperley, BE PhD *Auck.*
Ian G. Bowie, MSc *Manc.*, MCSCE MIEAust
John P. Carter, BE PhD, MICE MIEAust
Richard J. Gough, BSc PhD *Nott.*
Noel L. Ings, MEngSc *N.S.W.* BE, MASCE MIEAust
Ali Ja'afari, MSc *Tehran* PhD *Sur.*
J. Michael Rotter, MA *Camb.* PhD, MIEAust
John C. Small, BSc(Eng) *Lond.* PhD, MIEAust

Professional Officers Grade III
Richard A. Duncan, ASTC
David F. Rogers, BE MBdgSc DipNA&AC

Professional Assistant Grade II
Nigel P. Balaam, BE PhD

Lecturer
Merrick R. Lloyd, BSc *Birm.*, CEng FIEE FIMinE (part time)

Emeritus Professor
J. W. RODERICK, MA *Camb.* MSc PhD *Brist.* Hon.DEng *N'cle*, FIStructE FIChemE FASCE AFRAeS Hon.FIEAust FAA

Electrical Engineering

Professor
Hugo Karl Messerle, MEngSc DSc *Melb.* PhD, FTS FIEE FIEAust FIREE FIEEE FAIP
Appointed 1966

P. N. Russell Professor
Trevor William Cole, BE *W.Aust.* PhD *Camb.*, FRAS MOSA
Appointed 1980

Reader
J. Godfrey Lucas, BSc PhD *Belf.*

Associate Professors
Anthony D. Stokes, BSc BE PhD, FIEAust
David G. Wong, BSc BE MEngSc PhD, MIEAust

Senior Lecturers
H. F. Bartlett, MA *Camb.*, FIREE MIEE
Brian Campbell, ME
Ian S. Docherty, BSc, MIEAust

V. J. Gosbell, BSc BE PhD, MIEE MIEAust
Robert H. Mondel, BE *N.S.W.* S.M. *M.I.T.*, FIREE SMIEEE
R. F. Mullaly, PhD *Camb.* MSc, FIP AAIP
P. M. Nickolls, MB BS BSc BE PhD
Donald B. Pike, BSc ME PhD, MIEEE MIEE MIEAust AMIREE
Subramania Ramakrishnan, BE MTech *Madr.* PhD, MIEAust
Graeme J. Sanders, BE BSc MEngSc, MIEAust
Stephen W. Simpson, BSc PhD
Richard H. Small, BS *Caltech.* MS *M.I.T.* PhD, FAES MIREE MIEEE
T. Wilson, BSc(Eng) *Lond.*, MIEE
Hansen W. Yee, BSc BE PhD, MIEEE

Lecturer
David J. Skellern, BSc BE, MIREE MIEEE

Tutors
Zenon Pudlowski, ME PhD *Krakow*, MIEAust
James G. Rathmell, BSc BE
Jonathon B. Scott, BSc BE
John D. Scott, BE

Officer in Charge, Fleurs Radio Observatory
Arthur Watkinson, MIEAust

Engineer in Charge, Energy Conversion Research Laboratory
John F. Armstrong, BSc BE, MIEAust

Engineer, Fleurs Radio Observatory
John D. Bunton, BSc BE

Professional Officer Grade II
Roy R. Rankin, MS *Calif. State* PhD *Stan.*

Professional Officer Grade III
Leonard Stellema

Professional Assistants
Robert Gifford, BEng(Elec) *N.S.W.I.T.*
Michael J. Goonan, BSc BE
Ian Jones, BE PhD
Simon M. Marty, BSc BE MEngSc
Pradeep Malhotra, BE *Delhi*
Christian A. Schmidt-Harms, BSc PhD

Professorial Fellow
J. A. Dembecki, ME *N.S.W.*, FAIM FAIPA FIEAust FAIE FIEE FAIP

Honorary Associate
J. G. Ables, MS PhD *Oklahoma State*

Research Affiliates
G. Feuerlicht, BSc PhD *Lond.*
V. Petroff, BScMed MB BS *Qld*
R. C. B. White, BE

Mechanical Engineering

P. N. Russell Professor
Roger Ian Tanner, BSc *Brist.* MS *Calif.* PhD *Manc.*, FAA FTS FIEAust MASME MAIChE
Appointed 1975

Professor
Robert William Bilger, BSc BE *N.Z.* DPhil *Oxf.*, FIEAust
Appointed 1976

Reader
Le Roy F. Henderson, BCE MEngSc DEng *Melb.* PhD, FTS

Associate Professors
Yiu-Wing Mai, BSc(Eng) PhD *H.K.*
Jack R. Phillips, BMechE PhD *Melb. (Theory of Machines)*
Bryan W. Roberts, BE *N.S.W.* PhD *Camb.*, MAIAA MIEAust

Senior Lecturers
John D. Atkinson, PhD *Caltech.* BSc BE
Arnost M. Brichta, CEng *C.E.I.* PhD *C.N.A.A.*, FNCRT MIMechE MIProdE
Brian Cotterell, BSc(Eng) *Lond.* PhD *Camb.*
Clive A. J. Fletcher, ACGI BSc(Eng) *Lond.* MSc *Cran.I.T.* PhD *Calif.* CEng *C.E.I.*, MRAeS MAIAA
John L. Fullagar, MBA *Chic.* BE, MIEAust AFAIM
Robert F. Halliday, BA BE, MIEAust MRINA *(in charge of Hydrodynamics Laboratory)*
John H. Kent, BE MEngSc PhD
Andrei Lozzi, BSc *N.S.W.* MEngSc PhD, MIEAust
Nhan Phan-Thien, BE PhD

Consultant for Design Studies
John Blackler, BE, CEng MRAeS

Lecturers (part time)
Edward T. C. Johnstone, MA *Camb.* CEng *C.E.I.*, MIM MAusIMM MAWWA
Ian B. Lin, BSME MSIE PhD *Purdue*
Roland Schmidt, DipMaschIng *SwissFedInstTech*, MIEAust

Professional Officers Grade II
Peter F. Story, BE *Cant.*
John A. Gal, BE BSc MEngSc

Professional Assistant Grade I
Frank P. Dickson, PhD *Macq.*

Research Fellows
Anthony M. Johnston, BE *N.S.W.* PhD
John F. Milthorpe, BSc BE MEngSc PhD
Sten H. Stårner, BE PhD

Research Affiliates
J. Kamminga, BA PhD
M. Mahdavian, BSc *Tehran* MSc *Ill.* PhD *Mass.*

Other teaching staff

Computer Engineer
Kevin R. Rosolen, MSc *Macq.*

Engineer Grade I
David R. Thomson, BSc BE

FACULTY OF LAW

Departments

Jurisprudence

Challis Professor
Alice Erh-Soon Tay, PhD *A.N.U.*
Appointed 1975

Visiting Professor
Professor J. L. C. Chipman, MA LLB *Melb.* DPhil *Oxf.*

Reader
Lyndel V. Prott, DrJur *Tubingen* LicSpécDrInt *Brussels* BA LLB *(International Law and Jurisprudence)*

Lecturer
K. Alex Ziegert, PhD *Mün.*

Law

Challis Professor
William Loutit Morison, DPhil *Oxf.* BA LLB
Appointed 1959

Challis Professor of International Law
David Hugh Nevil Johnson, MA LLB *Camb.*
Appointed 1975

Professors
David John Harland, BCL *Oxf.* BA LLB
Appointed 1981

Patrick Harding Lane, SJD *Harv.* BA LLD
Appointed 1972

Ross Waite Parsons, BA LLB
Appointed 1961

Associate Professor and Director of the Institute of Criminology
Gordon J. Hawkins, BA *Wales (Criminology)*

Associate Professors
Robert P. Austin, DPhil *Oxf.* BA LLM
Colin S. Phegan, BA LLM
Stanley D. Hotop, BA LLM

Senior Lecturers
John P. Ball, DipLaw *Oxf.* DipCompLegStud *Camb.* BA LLB PhD
B. Bilinsky, MA LLM
Peter J. Butt, BA LLM
G. Leroy Certoma, DottGiur *Florence* BA LLM
William J. Chappenden, LLB *Nott.* and *Camb.* DipCompLegStud *Camb.*
Greg McCarry, BA LLM
Brom A. McKillop, LLM *Harv.* BA LLB BEc
John Mackinolty, LLM *Melb.*
Patrick J. O'Keefe, BA LLB *Qld* LLM *A.N.U.* MA *C.N.A.A. (Business Law)*
John Oxley-Oxland, BA LLB *Rhodes* LLM *Yale*
Carolyn M. Sappideen, LLB *Melb.* LLM
Robert T. J. Stein, LLB *A.N.U.* LLM *Dal.* PhD, AMusA
Jane P. Swanton, LLM *Lond.* BA LLB
Richard J. Vann, BA LLB *Qld* BCL *Oxf.*
John H. Wade, LLM *Br.Col.* LLB DipJur
Paul G. Ward, BE MA *(Criminology)*
Olive Wood, BA LLB DipEd

Lecturers
Ross L. Anderson, LLM *Lond.* LLB
John W. Carter, PhD *Camb.* BA LLB
Jennifer David, LLB *A.N.U.*
Gordon B. Elkington, MSc PhD *Warw.* BSc LLM *(Director of Law Extension Programme)*
Geoffrey A. Flick, LLB *Camb.* & *Syd.* PhD *Camb.*
Nicola E. Franklin, BA LLB *Natal* LLB DipLegalStud *Camb.*
Jeffrey J. Goldberger, LLM *Belf.*
Jennifer G. Hill, BCL *Oxf.* BA LLB
Christopher C. Hodgekiss, BCL *Oxf.* BA LLB
Eilis S. Magner, BA *Ott.* BEd *Tor.* LLB *A.N.U.* LLM *N.S.W.*
Joanne R. Morris, LLB *Cant.* LLM
Caroline A. Needham, BCL *Oxf.* LLB
Shirley L. Rawson, BA LLB *Macq.*
Jennifer E. Stuckey, BA *A.N.U.* LLB *Camb.* & *A.N.U.*
Gordon R. Walker, BA LLB *Otago* MLS DipEd *Adel.*

Tutors
Christopher W. Anderson, LLB *N.S.W.* BA
Astrid K. Ottesen, BJuris LLB *Monash* DipCrim
Nanette L. Williams, BA LLB

Lecturers (part time)
John M. Bennett, MA *Macq.* BA LLM, FRAHS *(Legal History)*
Stephen Bishop, LLB *N.S.W.* BA *(Labour Law I)*
J. C. Campbell, BA LLB *(Challis Lecturer in Bankruptcy)*
Arthur R. Emmett, BA LLB *(Roman Law)*
William M. C. Gummow, BA LLM *(Industrial and Commercial Property)*
D. Graham Hill, LLM *Harv.* BA LLB *(State Taxes and Commonwealth Sales Tax)*
John D. Hislop, BA LLB *(Procedure)*
Leslie Katz, BA LLB *Manit. (Administrative Law and Evidence)*
John R. F. Lehane, BA LLM *(Equity and Public Company Finance)*
Thomas W. Magney, LLM *(Income Tax Law)*
John H. Masters, BA PhD *(Labour Relations II)*
R. P. Meagher, QC, BA LLB *(Challis Lecturer in Roman Law and Challis Lecturer in Equity)*
Gabriel-Adelin Moens, DrJuris LLM *(Conveyancing) Louvain* LLM *Northwestern* PhD *(Law of the European Communities)*
Peter B. Shea, BHA GradDip(Health Admin) *N.S.W.* DipEnvStud *Macq.* MB BS MPH DPM DipCrim, FRANZCP FRACMA LHA AFAIM *(Forensic Psychiatry)*
Graeme W. J. Smith, BEc *(Labour Relations II)*
Richard W. White, BCL *Oxf.* LLB *(Conflict of Laws)*

Part-time Lecturers
Michael Ahrens, LLM *Harv.* LLB *(Public Companies)*
James K. Armitage, LLB *Qld* BA *(Public Companies)*
Reginald I. Barrett, BA LLM *(Public Companies)*
William J. Beerworth, LLM SJD *Virg.* BA LLB *(Public Company Finance)*
Michael A. Bradford, BEc LLB *(Torts)*
Gordon W. Fisher, LLB, *N.S.W.* LLM *(Public Company Finance)*
Donald Magarey, LLM *Harv.* BA LLB *(Public Companies)*
Barbara McDonald, LLM *Lond.* LLB *(Torts)*
Robert C. Nicholls, LLM *(Public Companies)*
G. F. Kim Santow, BA LLM *(Public Companies)*
Anthony H. Slater, BA LLM *(Public Companies)*

Administrative Officer
Neville H. Bird

Other units

Law Extension Committee

Director of the Law Extension Committee programme
Gordon B. Elkington, MSc PhD *Warw.* BSc LLM

Lecturers (part time)
*R. L. Anderson, LLM *Lond.* LLB
R. P. Austin, BA LLM

* Also tutor (part time)

J. L. C. Chipman, MA LLB *Melb.* DPhil *Oxf.*
N. Cotman, LLB *N.S.W.* BEc LLM
T. Davidson, QC, LLM
J. B. Dorter, BA LLB, AASA FIArb(Eng) FIArb(Aust)
D. M. Downie, LLM
*K. A. Garling, LLB
S. W. Gibb, BA LLM
F. J. Gormly, QC, LLB
*B. Gray, BA LLM
*M. Hauptmann, BA LLB
D. H. N. Johnson, MA LLB *Camb.*
W. H. Knight, LLM *Br.Col.* LLB
K. E. Lindgren, BA *N.S.W.* LLB *Lond.* MA PhD *N'cle*
G. P. Meakin, LLB
G. A. Moore, BA LLM
J. C. McCorquodale, MA LLM
B. McDonald, LLM *Lond.* BA LLB
J. McKenzie *(Barrister-at-law)*
O. B. Patterson, LLB
M. A. Pembroke, LLB *Camb.* BA LLB
C. S. Phegan, BA LLM
*S. W. Spencer, BA LLB
*A. E.-S. Tay, PhD *A.N.U.*
R. B. Vermeesch, LLM
*O. Wood, BA LLB DipEd
F. L. Wright (Barrister-at-Law)

Tutors (part time)
R. Bartlett, LLB
A. G. Crawford, BA LLB
W. G. Guild, BA LLB *N.S.W.* LLM
E. R. Loong, BA LLB
E. Magner, BA *Ott.* BEd *Tor.* LLB *A.N.U.* LLM *N.S.W.*
B. McDonald, LLM *Lond.* BA LLB
G. A. Moore, BA LLM
M. Noonan, LLB
J. Oxley-Oxland, BA LLB *Rhodes* LLM *Yale*
S. M. O'Rourke, BEc LLB *A.N.U.*
P. Taylor, LLB *Adel.*

Other staff

Executive Officer
M. G. Neal, LLM *N.Z.*

FACULTY OF MEDICINE

Professor and Dean of the Faculty
Richard Spencer Gye, MA DPhil *Oxf.* BSc(Med) MB BS, FRCS FRACS
Appointed 1974

Departments

Anaesthetics

Nuffield Professor
Douglas Joseph, MB BS, FFARCS FFARACS
Appointed 1963

Senior Lecturer
M. J. Bookallil, MB BS, FFARCS FFARACS

Lecturers (part time)
Bruce S. Clifton, MB BS DA, FRACP FFARACS
Lawrence T. Gadd, MB BS, FFARACS
Ross B. Holland, MB BS, FFARACS
B. E. Sharkey, MB BS, FFARACS

*Also tutor (part time)

Lidcombe Hospital
Clinical Lecturers in Anaesthetics (part time)
L. Bartholomeusz, MB BS, FFARACS
F. Y. Chiew, MB BS *Malaya*, FFARACS
L. Miller, MB BS DA *Lond.*, FFARACS
S. M. Taylor, MB BS, FFARACS

Parramatta Hospitals, Westmead Centre
Clinical Lecturers in Anaesthetics (part time)
F. H. Cox, MB BS, FFARACS
I. F. Edmiston, MB BS, FFARACS
C. A. Kam, MB BS,FFARCS FFARACS
P. L. Klineberg, MB BS, FFARCS
F. X. Lah, MB BS, FFARACS
W. J. McMeniman, MS BS, FFARACS
I. Pearson, MB ChB *Cape T.*, FFARCS FFARACS
George Skowronski, MB BS, MRCP FRACP
T. Voss, MB ChB *Cape T.*, FFARCS FFARACS
T. Gareth Watkins, MB BS *Wales*, FFARCS
Kevin F. Yee, MB BS, FFARACS

Repatriation General Hospital, Concord
Clinical Lecturers in Anaesthetics (part time)
M. H. Harpur, MB BS, FFARACS

Royal Alexandra Hospital for Children
Clinical Lecturers in Paediatric Anaesthetics (part time)
J. Kenneally, MB BS, FFARACS

Royal North Shore Hospital
Clinical Lecturers in Anaesthetics (part time)
R. J. Binsted, MB BS, FFARACS FFARCS
D. L. Cay, MB BS, FFARCS FFARACS
M. M. Fisher, MB ChB, *N.Z.*, FFARACS
A. F. T. Hobbes, BSc(Med) MB BS, FFARACS
C. N. Norgate, MB BS, FFARACS
G. J. Purcell, MB BS DA, FFARCS FFARACS
J. C. Warden, MB BS, FFARACS

Royal Prince Alfred Hospital
Clinical Lecturers in Anaesthetics (part time)
F. M. S. Bodlander, MB BS, FFARCS FFARACS
G. J. Letham, MB BS, FFARACS
A. S. Selwyn, MB BS, FFARCS
R. H. Woog, BSc MB BS, FFARACS

St Margaret's Hospital
Clinical Lecturer in Anaesthetics (part time)
M. G. Scarf, MB BS, FFARACS

Anatomy

Challis Professor
Michael John Blunt, MB BS PhD *Lond.*, Hon. FRACS Hon.FRACO LMSSA
Appointed 1973

Associate Professors
C. G. dos Remedios, BSc PhD
M. Girgis, MD *Khart.* MA *Camb.* PhD *Lond.*, MANZCP
Philomena McGrath, MD BS, FRACS
R. R. Munro, MD BS, FRCSEd

Senior Lecturers
R. J. Bandler, BA *Miami, Ohio* PhD *Carnegie-Mellon*
P. L. Davies, MDS
B. Dreher, MS PhD *Warsaw*
Angela F. Dulhunty, BSc PhD *N.S.W.*
W. S. Webster, BSc PhD *Lond.*

Lecturer
Anne Glucina, BSc *Otago*

Senior Tutors
Robyn Beirman, MB BS *N.S.W.*
Margaret Scott, MB BS BSc *N.S.W.*

Tutors (part time)
Pauline Itzkowic, BSc *N.S.W.*
Roshun Rodriguez, MA BM BCh *Oxf.*, FRCS

Research Affiliate
I. M. Brewer, DSc

Behavioural Sciences in Medicine

Associate Professor
Wendy-Louise Walker, BA PhD

Senior Lecturers
Lorna D. Channon, BSc PhD *Manc.* MSc *Leeds*
Susan C. Hayes, BA PhD *N.S.W.*

Lecturer
Susan D. Ballinger, BA *Macq.*

Tutors
Michael D. Fine, BA
Jennifer R. Flatt, BA *N.S.W.*
S. Helene Levin, BA *Macq.*

Cancer Medicine

Professors
Richard M. Fox, MB BS BSc(Med) PhD, FRACP
Appointed 1983

Martin Henry Norman Tattersall, MA BChir MD *Camb.* MSc *Lond.*, FRCP FRACP
Appointed 1977

Senior Lecturers
Alan S. Coates, MB BS MD *Melb.*, FRACP
Robert L. Sutherland, MAgrSc *Cant.* PhD *A.N.U.*

Lecturer
Ian W. Taylor, BSc *Strath.* PhD *Lond.*

Commonwealth Institute of Health

[See 'Other units' at the end of the Faculty of Medicine section]

Community Medicine

Professor
Charles Bridges-Webb, MB BS *Melb.* MD *Monash*, FRACGP
Appointed 1975

Professor of Community and Geriatric Medicine
. . . . . .

Senior Lecturer
John Barrand, MHPEd *N.S.W.* DA *R.C.P.&S.*, FRACGP LMSSA

Lecturers (temporary)
Ann Davidson, BEd *Sask.* MPH
Brian Driver, MB BS *N.S.W.* BPharm, FRACGP

Lecturers (part time)
Noel Hickson, BSc ThL *Melb.* MB BS
Andrea Mant, MA *A.N.U.* MB BS

Clinical Lecturers in General Practice
W. L. Adams, MB BS BSc, FRACGP
S. M. Ahern, MB BS *N.S.W.*
A. Andrew, MB BS MBA *N.S.W.*, FRACGP
B. Appleby, DObst *R.C.O.G.* MB BS, FRACGP
M. E. Armstrong, DObst *R.C.O.G.* MB BS
J. K. Arundell, MB BS
E. Asher, MB BS, FRACGP
A. Assef, DObst, *R.C.O.G.* MB BS, FRACGP
R. M. Ayres, MB BS *N.S.W.*
P. J. Baker, MB BS
R. J. L. Baker, MB BS, MRACGP
J. Barker-Whittle, MB BS, FRCSEd
M. Bar-Mordecai, MB BS *N.S.W.* BPharm
R. E. Barros, MB BS *N.S.W.*
W. B. Bartlett, MB BS
D. E. Barton, DObst *R.C.O.G.* MB BS, FRACP
J. M. Beith, MB BS, FRCS FRACS
H. Berenson, MB BS
H. B. Bernard, MB BS
M. Beveridge, BSc *Witw.* DObst *R.C.O.G.*
C. Bilinsky, MB BS
R. Binks, MB BS, MRACGP
F. Black, BSc(Med) MB BS, FRACGP
J. P. Blackwood, MB BS
B. K. Bland, MB BS
J. Bloomfield, MB BS *N.S.W.*
P. Bookallil, DObst *R.C.O.G.* MB BS, FRACGP
Z. Botskor, MD *C.L.U.J. Hungary*, MB BS
H. J. E. Bowen, BSc *N.S.W.* DObst *R.C.O.G.* MB BS, FRACGP
R. W. Bramley, BDS *N.Z.* MB ChB *Otago* DObst *R.C.O.G.*, FRACGP
D. J. Brennan, MB BS, MRCP FRACP
A. J. Brown, MB BS
P. T. Brown, MB BS
P. K. Brownlee, MB BS
A. R. Buhagiar, MB BS, FRACGP
J. I. Cahill, MB BS, FRACGP
P. Cambourn, MB BS
A. T. Cartmill, DObst *R.C.O.G.* MB BS Dip *R.A.C.O.G.*
M. Chambers, DObst *R.C.O.G.* MB BS
W. H. Chan, MRCS LRCP FRACGP FAMAS
A. H. B. Chancellor, MB BS, FRACP FRACGP
I. Chung, MB BS, FRACGP
J. B. Connolly, MB BS
R. V. Coombes, MB BS
A. M. Cotterill, MB BS *N.S.W.* DObst *R.C.O.G.*, FRACGP
D. Craigie, MB BS, FRACGP
P. J. Crawford, MB BS *Tas.*
D. Crocker, MB BS
G. Cussell, MB BS
J. Darling, MB BS
T. P. David, DObst *R.C.O.G.* MB BS, FRACGP
R. W. Deacon, MB BS
P. B. Deaner, DObst *R.C.O.G.* MB BS, MRCS LRCP
L. G. Deithe, DObst *R.C.O.G.* MB BS
R. M. Dey, MB BS
W. V. Doherty, MB BS, FRACGP
S. J. Doumani, MB BS
R. H. Dunn, MB BS, FRACGP
J. F. Eather, MB BS *Qld*
J. D. Egan, DObst *R.C.O.G.* MB BS
E. J. Elkington, MB BS
T. D. G. Fairbairn, MB ChB *StAnd.*
C. A. J. Fenn, MB ChB *Otago*
M. F. Fernando, MB BS *Ceyl.* DObst *Auck.*, MNZCGP
A. E. Fisher, MB BS, FRACGP
J. S. Fitzhenry, MB BS, MRCGP

I. W. Fitzpatrick, MB BS, FRACGP
J. T. Flynn, MB BS
S. Fox, MB BS
G. R. Fulcher, MB BS
P. M. Furey, MB BS
A. S. Gabrael, MB BCh *Cairo,* FRACGP
J. L. Galati, MB BS *Melb.* DObst *R.C.O.G.*, FRACGP
J. F. Gall, MB BS, FRACGP
J. Gambrill, MB BS *N.S.W.*, FRACGP
P. H. Gaston, DCH *R.C.P.&S.* MB BS
L. Gazal, MB BS
A. R. Gibson, MB BS
J. G. Gilchrist, DObst *R.C.O.G.* MB BS, FRACGP
A. D. F. Gillespie, DObst *R.C.O.G.* MB BS, MAGPP FRACGP
L. Goldman, MB BS, FRACGP
V. Goldrick, DCH *R.C.P.&S.* MB BS
N. K. Goundar, MB BS *Andhra*
P. L. Green, MB BS *Adel.* DipAvMed *Camb.* DObst *R.C.O.G.*
R. M. Green, MB BS, FRACGP
G. Greenman, MB BCh *Witw.*
D. Grinius, MB BS
G. Grunwald, MB *Bud.* MB BS, FRACGP
H. F. Haber, MB BS, FRACGP
W. Haddad, MB BS, FRACGP
R. W. Hardie, MB BS
B. W. Harding, MB BS, FRACGP
J. F. Harris, DObst *R.C.O.G.* MB BS, FRACGP
M. Harris, Dip. *R.A.C.O.G.* MB BS
K. A. Hazelton, DObst *R.C.O.G.* Dip. *R.A.C.O.G.* MB BS
B. H. Heber, MB BS *Lond.* DObst *R.C.O.G.*
A. D. Helman, MB BS *Adel.*
D. B. Hempton, MB BS *N.S.W.*
A. Hollo, MB BS
A. G. Hopcroft, MB BS, FRCSEd
A. D. P. Hull, MB BS
R. S. Jelliffe, MB BS *Lond.* DObst *R.C.O.G.*
B. L. Jones, MB BS BScAgr, FRACGP
A. Joshi, MB BS *Bom.*
H. Kalmath, MB BS *Bom.*
G. J. Keighery, MB BS
G. Kenny, MB BS, FRACGP
V. Kijvanit, MB BS, FRCSGlas FRCSI
D. Killer, MB BS *Qld,* FRACP
R. J. Kirk, MB BS
R. Kirkby, MB BS
B. Klineberg, MB BS *N.S.W.*, FRACGP
D. C. Knight, BSc(Med) MB BS, MRCOG MRACOG
P. J. Knowles, MB BS
S. Koussa, MB BCh
R. J. Lee, MB BS
A. M. Liebhold, MB BS *Melb.* DCH *Lond.*, FRACGP
L. Livingston, MB BS
J. W. Logan, MB BS, FRACGP
A. H. Lowy, MB BS, FRACGP
E. H. Loxton, DObst *R.C.O.G.* MB BS
G. R. Lucas, MB BS
N. A. Lucas, DObst *R.C.O.G.* MB BS, FRACGP
R. N. McCredie, DObst *R.C.O.G.* MB BS, FRACGP
K. McDonald, MB BS, FRACGP
S. M. McDonald, MB BS
T. McKeon, MB BS
J. L. McRae, MB BS *N.S.W.* DObst *R.C.O.G.* Dip *R.A.C.O.G.*
D. M. Madew, MB BS
E. M. J. Marshall, MB BCh DAO *Belf.*, FRACGP
R. J. Medbury, DObst *R.C.O.G.* MB BS
H. N. Merrington, MB ChB *N.Z.*, FRACGP
L. W. Middleton, MB BS, FRACGP
B. Milieshkin, MB BS, FRACGP
T. W. D. Millar, MB ChB *Edin.* DObst *R.C.O.G.* DA *R.C.P.&S*, FRCS MFARCS
J. Miller, MB BS *N.S.W.*, FRACGP
S. C. Miller, MB BS, FRACGP
M. F. Morgan, MB BS, MRACGP
D. M. Morrison, MB BS, FRACGP
T. Moss, MB BS
E. Mulvey, MB BS *Melb.*
O. R. Muratore, MB BS *N.S.W.*
J. D. Musgrove, DCH *Lond.* MB BS
G. Naker, MB BS *Bom.*
H. Nathan, MD *Sofia*
G. T. Nelson, BA MB MCh *Dub.* DObst *R.C.O.G.*, FRACGP
R. Nichols, DObst *R.C.O.G.* MB BS, FRACGP
M. Nicholson, DObst *R.C.O.G.* MB BS, FRACGP
J. Norris, MB BS
J. D. O'Donnell, MB BS
W. L. Ogborne, MB BS, FRACGP MRCPEd
D. O. Oliver, MB ChB *Edin.* DObst *R.C.O.G.*, FRACGP MRCGP
J. O'Loan, MB BS, FRACGP
T. D. O'Neill, MB BS DObst *R.C.O.G.*
P. Oystragh, DObst *R.C.O.G.*, MB BS, FRACGP
B. F. Pegum, MB BS
D. J. Penney, MB BS
A. Pennington, MB BS DTM&H, FRACGP
A. C. Pepper, MBE, DObst *R.C.O.G.* MB BS, FRACGP
A. S. Pollack, MD *Bratislava* DPH *Czech.* MB BS
H. B. Pratt, MB ChB *Otago*, FRACGP
D. L. A. Pryde, MB BS, FRACGP
G. L. Pulley, MB BS
P. J. Purches, MB BS *N.S.W.* DObst *R.C.O.G.*, FRACGP
R. Ramrakha, MB BS
R. J. T. Reid, MB ChB *Glas.*, FRACGP
G. S. Reiger, MB BS
C. Reitberger, MB BS
M. Richardson, MB ChB *Edin.*, MRCGP MRCPsych
M. J. Richmond, MB ChB *Leeds*
H. R. Rikard-Bell, Dip *R.A.C.O.G.* MB BS BSc
D. C. Roantree, MB BS *Adel.*
J. V. Roche, DObst *R.C.O.G.* MB BS, FRACGP
N. J. Rogers, MB BS
S. Rosenberg, MD *Lodz* MB BS
A. W. Rososinski, MB BS *Adel.*, FRACGP
P. Rowland, MB BS
T. Schofield, MB ChB *Edin.*, MRCGP MRPsych
R. S. Sekel, MB BS
B. Shea, MB BS *Qld* DObst *R.C.O.G.*, FRACGP
R. Sheather, MB BS
S. Sinnathamby, MB BS *Ceyl.*, FICS FRCS
P. L. Smeeth, MB BS
W. J. Smith, MB BS, FRACGP
N. Singh, MB BS *Bom.*, FRACP
S. A. Sloggett, MB BS
D. A. Spalding, MB BS *Qld* DA
R. D. Stone, MB BS *N.S.W.*
R. D. Taranto, DObst *R.C.O.G.* MB BS, FRACGP
M. J. Tarlington, MB BS, FRACGP
R. M. Tinning, MB BS
W. D. Tugwell, MB BS
R. F. Unwin, MB BS
W. Utber, MB BS, FRACGP
V. L. Velens, MB BS
F. J. Vett, BSc MB BS *Qld*, MRCP
F. Virant, MB BS
I. R. Walker, MB ChB *Brist.*
J. B. Ward, MB BS, FRACGP

T. D. Wilkins, MB BS
F. R. Wilson, DObst *R.C.O.G.* MB BS
H. Wong-See, MB BS, FAMAS
D. J. Wood, MB BS *Lond.*
G. I. Woodgate, MB BS
G. J. Young, MB BS *N.S.W.* DA *R.C.P.&S.* DObst *R.C.O.G.*, FRACGP

Clinical Lecturers in Community and Geriatric Medicine
N. A. Anderson, MB BS DTM&H, FRACGP FRCGP
G. Broe, BA MB BS, FRACP
T. Cahill, MB BS, FRACP
T. Choy, MB BS, FRACP
C. F. Clowes, MB BS *N.S.W.*, FRACP
K. D. Coorey, DCH *Lond.* MB BS, FRCPEd
K. Cotton, PhD *Lond.* MD BS
P. J. D'Arbon, MB BS, FRACGP
C. Faulder, MB BS, FRACGP
R. B. Geeves, MB BS, FRACGP FCGP*Sing*
T. Gibian, MB BS, FRACP
A. N. Gyory, MS *Minn.* BSc(Med) MB BS, MRCP
E. Imperial, MD *Phil.*, FPCP FPCC FACC
D. C. Ingham, MB ChB *Edin.* DPM *Lond.*, MRCPsych FRANZCP
P. Kelleher, MB BS, FRACP
J. E. Marosszeky, MB BS DPRM
G. Miller, MB BS *Lond.*, MRCP
J. Murphy, MB BS *W.Aust.*, FRACP
R. Oakeshott, MB BS DPRM, FRCSEd FRACS
T. J. O'Neill, DObst *R.C.O.G.* MB BS, FRACGP
J. Pettigrew, MB BS, FRANZCP
S. Prakash, MB BS *Madr.* MS *New Delhi*, FRACS
M. Price, MB BS, FRACP
G. Roberts, MB ChB *Cape T.*
B. H. Stone, MB BS, FRCSEd
J. H. E. Voss, MB BS, FRACP
S. Williams, MB BS, FRANZCP
C. Winer, LLB *Lond.* DPRM *Aust.P.G.Fed.Med.* DObst *R.C.O.G.* MB BS, LRCP LLCO MRCS
J. Yeo, AO, DPRM *Aust.P.G.Fed.Med.* MB MS

Histology and Embryology

Bosch Professor
Kenneth Wollaston Cleland, MB BS
Appointed 1957

Reader
John K. Pollak, PhD *McG.* BSc

Senior Lecturers
Johnston W. McAvoy, BSc *Belf.* PhD *Flin.*
Clare A. Rae, PhD *N.E.* BSc
Cedric D. Shorey, MSc PhD *N.S.W.*, CGIA FIST
George E. Sullivan, MSc *N.Z.* PhD

Lecturers
Lynette A. Moffat, BSc PhD
Margaret A. Swan, BSc PhD

Research Affiliate
E. W. Van Lennep, NatPhilDrs *Utrecht*

Infectious Diseases[1]

Associate Professor
Yvonne Cossart, DCP *Lond.* BSc(Med) MB BS, FRCPath

Senior Lecturer in Immunology
Raymond Kearney, BSc PhD *Qld*

Lecturer (temporary)
Colin Harbour, BSc *Wales* PhD *Lond.*

Lecturers (part time)
Richard A. Benn, DipBact *Lond.* BSc(Med) MB BS, FRCPA FRACP
Ross Bradbury, MB BS, FRACP
Gerald Williams, BSc(Med) MB BS, FRACPath

Senior Tutors (temporary)
Mary A. Pegler, MSc, MASM
Carol H. Thompson, BVSc

Medicine

Professors
Peter Anthony Castaldi, MD BS, FRACP FRCPA
Appointed 1978
James Roland Lawrence, MB BS *Adel.*, FRACP Hon.FACP
Appointed 1976
Douglas William Piper, MD BS, FRCP FRACP
Appointed 1973
John Ross Turtle, MD BS, FRACP
Appointed 1979

Laura Bushell Professor of Neurology and Bosch Professor of Medicine
James Graham McLeod, DPhil *Oxf.* BSc(Med) MB BS, FRCP FRACP FAA
Appointed 1972

Scandrett Professor of Cardiology
David Thomas Kelly, MB ChB *N.Z.*, FRACP FACC
Appointed 1976

Associate Professors
Akos Z. Györy, BS MD, FRACP
John D. Pollard, BSc(Med) MB BS PhD, FRACP
Solomon Posen, BA MD BS *Adel.*, FRACP FRCP
Ann J. Woolcock, MB BS *Adel.* MD, FRACP

Senior Lecturers
N. Berend, MD MS, FRACP
G. C. Farrell, MB BS *Tas.* MD *Qld*, FRACP
Peter J. Fletcher, MB BS PhD, FRACP
Robert H. Loblay, MB BS PhD, FRACP (*Immunology*)
Tania C. Sorrell, MD BS *Adel.*, FRACP
Colin E. Sullivan, MB BS PhD, FRACP
Ronald S. Walls, MB ChB *Cape T.* DPhil *Oxf.*, FCP(SA) FRACP FRCPA
Denis K-S. Yue, MB BS PhD, FRACP

Clinical Senior Lecturer
G. A. Broe, BA MB BS, FRACP

Professional Officers Grade III
Peter M. Donnelly, AAIMLT
Wesley F. Green, AAIMLT

Professional Officer, Grade II
German Kositzin, BSc *N.S.W.*

Honorary Associates
W. F. Doe, MSc *Lond.* MB BS, MRCP
C. J. Eastman, MD, FRACP
L. Engel, MB BS *Melb.* PhD *McG.*, FRACP
S. R. Leeder, BSc(Med) MB BS PhD, FRACP

[1] Formerly known as the Department of Bacteriology.

Research Affiliates
Leopold Dintenfass, MSc PhD *N.S.W.* DipIng *Poly. Lvov.*, FRACI MIEAust MACPSM FRSH FICA
W. K. T. Fowler, MSc *N.Z.* PhD *Lond.*

Lidcombe Hospital
Clinical Lecturers in Medicine (part time)
J. A. Booker, MB BS, MRCP FRACP
T. M. Cahill, BA MB BS, FRACP
T. Choy, MB BS, FRACP
C. F. Clowes, MB BS, FRACP
T. P. Gibian, MB BS, FRACP
P. Kelleher, MB BS, FRACP

Clinical Lecturers in Gastroenterology (part time)
K. Bhanthumnavin, BSc(Med) MB BS, FRACP
T. Tydd, MB BS, FRACP

Clinical Lecturer in Haematology (part time)
W. Hughes, MB BS, FRCPA

Clinical Lecturers in Neurology (part time)
G. A. Broe, BA MB BS, FRACP
C. Elliott, MB BS, FRACP
D. Rail, MB BS, FRACP
V. Vignaendra, MB BS, FRACP

Clinical Lecturer in Rheumatology (part time)
T. Choy, MB BS, FRACP

Clinical Lecturer in Thoracic Medicine (part time)
J. Mann, MD BS, FRACP

Clinical Lecturer in Dermatology (part time)
K. Georgouras, MB BS DDM, FACO

Clinical Lecturers in Cardiology (part time)
R. Dunn, MB BS, FRACP
E. Imperial, MD, FPCP FPCC FACC

Clinical Lecturers in Endocrinology (part time)
J. Flack, MB BS, FRACP
J. Tidmarsh, MB BS, FRACP

Mater Misericordiae Hospital
Clinical Lecturers in Medicine (part time)
L. B. Coy, MB BS, FRACP
G. Diethelm, MB BS
R. Edwards, MB BS, FRACP
R. F. O'Reilly, MB BS, FRACP
D. Sinclair, MB BS, FRCPCan FRACP
J. R. Johnson, MB BS, FRACP
I. S. Love, MB BS, FRACP

Clinical Lecturers in Dermatology
M. Rogers, MB BS, FACD
G. S. Cottee, MB BS DDM, FACD

Parramatta Hospitals, Westmead Centre
Clinical Lecturers in Medicine (part time)
D. V. Cody, MB BS, FRACP
P. Despas, MB BS, FRACP
C. J. Eastman, MD BS, FRACP
L. A. Engel, PhD *McGill* MB BS *Melb.*, FRACP
P. E. Gillespie, MB BS, FRACP
P. W. Harvey, MB BS, FRACP
J. R. Hazel, MB BS *Qld*, FRSTM&H FRACP
J. Koutts, MB BS, FRACP FRCPA
T. I. Robertson, MB BS, FRACP FRCP
P. Russell, MB BS, FRACP
J. Stewart, MB ChB *N.Z.*, FRCP FRACP
A. P. Skyring, MB BS, FRACP
A. Young, MB BS, FRACP FRCP

Clinical Lecturers in Cardiology (part time)
D. V. Cody, MB BS, FRACP
D. Ross, MB BS *Melb.*, FRACP
P. Russell, MB BS, FRACP
J. F. B. Uther, MD BS, FRACP
A. Young, MB BS, FRACP FRCP

Clinical Lecturers in Dermatology (part time)
C. Commens, MB BS, FACD
W. DeLauney, MB BS DDM, FACD FRACP
J. F. Krivanek, MB BS, FACD

Clinical Lecturers in Endocrinology (part time)
C. J. Eastman, MD BS, FRACP
J. R. Hazel, MB BS *Qld*, FRSTM&H FRACP
H. C. Smith, BSc(Med), MB BS, FRACP

Clinical Lecturers in Haematology (part time)
W. Hughes, MB BS, FRCPA
J. Koutts, MB BS, FRACP FRCPA
T. I. Robertson, MB BS, FRACP FRCP

Clinical Lecturers in Neurology (part time)
C. F. Elliott, MB BS *Qld*, FRACP
I. Lorentz, MB BS, FRCP FRACP
J. Morris, DM BCh BA *Oxf.*, FRACP MRCP
G. Walker, MB BS, FRACP

Clinical Lecturers in Thoracic Medicine (part time)
P. Despas, MB BS, FRACP
L. A. Engel, PhD *McGill* MB BS *Melb.*, FRACP
I. Gardiner, MB BS, FRACP

Clinical Lecturers in Renal Medicine (part time)
S. Lawrence, MB BS, FRACP
J. Stewart, MB ChB *N.Z.*, FRCP FRACP

Clinical Lecturers in Rheumatology (part time)
G. Howe, MB BS, FRACP
D. G. Spencer, MB BS, FRACP

Clinical Lecturers in Immunology (part time)
S. Kamath, MB BS DCP, FRCPA
G. Stewart, BSc(Med) MB BS, FRACP

Clinical Lecturer in Infectious Diseases (part time)
R. Munro, MB BS DipBact *Manc.*, MRCP MRCPath

Clinical Lecturers in Nuclear Medicine and Ultrasound (part time)
J. E. Arnold, MB BS, FRACP
E. F. Crocker, MB BS BSc *N.S.W.* DDU *Aust.S.Ult. Med.*, FRACP
J. M. Egerton-Vernon, MA MB BChir *Camb.*
S. M. Gruenewald, MB ChB MSc *Cape T.*, MRCP
P. J. Sullivan, MB BS, FRACP
A. G. Walker, DDU *Aust.S.Ult.Med.* MB BS, FRACP

Repatriation General Hospital, Concord
Clinical Lecturers in Medicine (part time)
B. J. Arnold, DCP *Lond.* MB BS, FRCPA FRCPath FRACP
W. J. Arter, MB BS, FRACP
W. J. Benson, MB BS, FRACP FRCPA
C. R. B. Blackburn, MD BS, FRCP FRACP Hon.FACP
R. Bradbury, MB BS, FRACP FRCPA
A. B. X. Breslin, MB BS, FRACP

T. Burfitt-Williams, MB BS, FRACP
J. N. Carter, BSc(Med) MD BS, FRACP
Y. T. Choong, MB BS, FRACP
P. V. Collett, MB BS, FRACP
I. S. Collins, MB BS, FRACP FRCPEd MRCP
A. B. Conomy, MB BS, FRACP
A. B. Corrigan, DipPhysMed *Lond.* MB BS DPM, MRCP MRCPEd FRACP
J. L. Cowlishaw, MB BS, FRACP
G. G. Crane, MB BS, FRACP FRCPA
M. B. Dally, MB BS, FRACP
P. R. Davis, MB BS, FRACP
H. M. Eisenberg, MB BS, FRACP
R. A. Evans, MB BS, FRACP
C. R. George, MB BS, FRACP
M. Gillies, MB BS, FRACP
K. Goulston, MB BS MD, FRACP
F. Hanly, MB BS, FRCPA
F. Harding-Burns, MB BS, FRCP FRACP
M. R. Harris, MSc MB BS, FRCP FRACP
B. J. S. Hartnett, MB BS, FRCPEd FRACP
P. W. Harvey, MB BS, FRACP
J. Hewson, MB BS, FRCPA
S. N. Hunyor, MB BS, FACC FRACP
C. R. Jenkins, MB BS
R. Joffe, MB ChB, MRCP FRACP
S. Kalowski, MB BS, FRACP
S. Kannangara, MB BS, FRACP
D. Latt, MB BS, FRACP
P. Lawrence, MB BS, FFARACS
G. D. Lord, MB BS, FRACP
V. A. Lovric, MB BS DCP, FRCP FRCPA FRACP
R. A. Mackenzie, MB BS, FRACP
P. J. Maloney, MB BS, MRCP FRACP
G. E. Marlin, MD BS, FRACP
M. D. Nicholls, MB BS, FRACP FRCPA
G. Nicholson, MB BS PhD, FRACP
N. R. Noble, MB BS, FRACP
G. O'Neill, MB BS, FRACP
N. Patel, MD BS, FRACP
C. G. Pawsey, MB BS, FRACP
D. Peiris, MB BS *Ceyl.*, FRCPEd FRACP MRCP
K. Phadbe, MB BS, FRCPA FRACP
J. W. Riley, MD BS, FRACP
R. A. Royle, MB BS, FRACP
J. Rutland, MB BS, FRACP
D. Sharpe, MB BS, FRCP
C. I. Smith, MD BS, FRACP
K. Steinbeck, MB BS, FRACP
S. Waller, MD BScChem *Lond.*, MRCP MRCPEd FRACP
P. Wikramanayake, MD BS *Ceyl.*, MRCP FRCPEd FRACP
R. N. Wyndham, MB BS, FRACP

Clinical Lecturers in Dermatology (part time)
C. L. Bear, MB BS DDM, FACD
J. S. Brooks, BA MB BS DDM, FACD
G. D. Cains, MB BS DDM, FACD
L. D. Cains, MB BS DDM, FACD
G. Palmer, DDM *Vienna* MB BS, FACD FRCPEd MRCP
W. Regan, MB BS DDM, FACD

Royal Alexandra Hospital for Children
Clinical Lecturer in Paediatric Dermatology (part time)
M. Rogers, MB BS DDM, MACD

Clinical Lecturers in Paediatric Pathology (part time)
P. M. Bale, MB BS *Melb.*, MRCPA MRCPath
C. J. Bryant, MB BS *Qld*, FRCPA
D. C. Dorman, BSc *Adel.* PhD *Lond.*
A. E. Kan, MB BS, FRCPA
A. T. Lammi, MB BS, FRACP FRCPA

Royal North Shore Hospital
Clinical Lecturers in Medicine
D. H. Allen, MB BS PhD, FRACP
G. E. Bauer, MB BS, FRCP FRACP FACC
M. Bridgman, MB BS, FRACP
P. G. Caspari, MB BS, FRACP FACC
R. A. Cooper, MB BS, FRACP
G. Diethelm, MB BS
A. C. Edwards, MB BS, FRACP
R. C. Edwards, MB BS, FRACP MRCP
F. M. Elliott, MB BS PhD, FRACP
R. G. Epps, BSc MB BS, FRCP FRACP
D. I. Fevre, MB BS, FRACP
B. L. Geddes, MB BS, FRACP
J. F. Gunning, MD BS, FRACP FACC
I. B. Hales, MD BS, FRCP FRCPEd FRACP
T. R. Heap, MB BS, FRACP
L. S. Ibels, MB BS, FRACP
J. P. Isbister, BSc(Med) MB BS, FRACP FRCPA
R. Joffe, MB BCh, FRCP FRACP
R. W. Johnston, MB BS DPM, MRCP FRACP
K. O. Jones, MB BS DCP, FRCPA FRCPath
J. A. Levi, MB BS, FRACP
M. R. Lunzer, MB BS, MRCP FRACP
W. R. J. Middleton, BSc MD BS, FRCP FRACP
G. S. Nagy, MB BS, FRCP FRACP
R. J. Oakeshott, MB BS DPRM, FRCSEd FRACS FACRM
R. F. O'Reilly, MB BS, FRACP
R. B. M. Ravich, MB ChB, FRACP
J. Riley, MD BS, FRACP
R. D. Scurr, MB BS, FRCPA
M. R. Shanahan, MB BS *N.S.W.* DTM&H *Liv.*, FRACP
B. H. Short, MB BS, FRACP
S. Sinha, MB BS, FRACP
P. Slezak, MB BS, FRACP
J. N. Stiel, MB BS, FRACP
C. Storey, MB BS, FRACP
M. Sulway, MD *Birm.*, MB BS, FRACP
S. F. Tattersall, MD BS *Lond.*, MRCP FRACP
T. R. Terenty, MB BS, FRACP
I. D. Thomas, MB BS, FRCP FRACP
R. A. Vandenberg, MB BS, FRACP
H. Washington, MB BS, FRACP
J. Webb, MD, FRACP
J. V. Wells, MD BS, FACP FRCPA FRACP
P. M. Williamson, MB BS, FRACP
E. G. Wilmshurst, MD BS, FRACP
J. D. Wingfield, MB BS, FRACP
J. C. Wiseman, MD BS, FRACP

Clinical Lecturers in Cardiology
G. Bauer, MB BS, FRCP FRACP FACC
P. Caspari, MB BS, FRACP FACC
G. L. Donnelly, MB BS, FRCP FRACP
A. C. Edwards, MB BS, FRACP
R. C. Edwards, MB BS, MRCP FRACP
R. G. Epps, MB BS, FRCP FRACP
J. Gunning, MD BS, FRACP FACC
K. Hellestrand, MB BS PhD, FRACP
S. Hunyor, MB BS, FRACP FACC
F. Nasser, MB BS, FRCP FRACP
H. Washington, MB BS, FRACP

Clinical Lecturers in Dermatology
G. Cains, MB BS, FACD
G. S. Cottee, MB BS DDM, FACD

N. Goldman, MB BS
J. M. Lark, MB BS, FACD
J. L. Le Guay, MB BS DDM, FACD
M. Rogers, MB BS, FACD

Clinical Lecturers in Endocrinology
M. Bridgman, MB BS, FRACP
P. Clifton-Bligh, MSc(Med) MB BS, FRACP
R. Cooper, MB BS, FRACP
S. Grant, MB BS
I. Hales, DTM&H *Liv.*, MD BS, FRACP
M. R. Shanahan, MB BS *N.S.W.*, DTM&H *Liv.*, FRACP
G. Shenfield, MB BCh *Oxf.*, MRCP FRACP
S. Sinha, MB BS, FRACP
J. Stiel, MB BS, FRACP
M. Sulway, MD *Birm.* MB BS, FRACP
I. Thomas, MB BS, FRCP FRACP
E. Wilmshurst, MD BS, FRACP
J. Wiseman, MD BS, FRACP

Clinical Lecturers in Gastroenterology
D. I. Fevre, MB BS, FRACP
T. R. Heap, MB BS, FRACP
M. R. Lunzer, MB BS, MRCP FRACP
W. R. J. Middleton, BSc(Med) MD BS, FRCP FRACP
G. S. Nagy, MB BS, FRCP FRACP
J. Riley, MD BS, FRACP

Clinical Lecturers in Haematology
J. P. Isbister, BSc(Med) MB BS, FRCPA FRACP
K. O. Jones, MB BS DCP, FRCPath FRCPA
K. S. Lau, MB BS *Malaya,* FRCPA
R. Ravich, MB ChB *N.Z.*, FRACP
R. D. Scurr, MB BS, FRCPA

Clinical Lecturers in Neurology (part time)
R. Joffe, MB BCh, FRCP FRACP
R. W. Johnston, MB BS DPM, FRACP FRCP
G. Selby, MD BS, FRCP FRCPEd FRACP
C. Storey, MB BS, FRACP
T. R. Terenty, MB BS, FRACP
P. M. Williamson, MB BS, FRACP
J. D. Wingfield, MB BS, FRACP

Clinical Lecturers in Neurosurgery
J. J. F. Grant, OBE, MB BS, FACS FRACS
R. Rushworth, MB BS, FRCS FRACS

Clinical Lecturers in Rheumatology (part time)
J. B. Dick-Smith, MB BS
S. Dodman, MB ChB *Manc.*, MRCP FRACP
D. Latt, MB BS, FRACP MRCP
P. J. McNaught, BSc *Well.* MB ChB *Otago*, MRCP FRACP
J. Webb, MD BS *Qld*, FRACP

Clinical Lecturers in Thoracic Medicine (part time)
D. H. Allen, MB BS PhD, FRACP
C. W. Clarke, PhD *Lond.* MB BS, FRACP
F. M. Elliott, PhD *Lond.* MB BS, FRACP
B. L. Geddes, MB BS, FRACP
J. B. Lawson, MB BS, FRACP
R. A. Vandenberg, MB BS, FRACP

Royal Prince Alfred Hospital
Clinical Lecturers in Medicine (part time)
R. A. V. Benn, BSc MB BS, FRACP
W. J. Benson, MB BS, FRCP FRACP
J. A. Burgess, MB BS, FRACP
F. H. Burns, MB BS, MRCP FRACP
I. D. Caterson, MB BS, FRACP
D. T. Church, MB BS, FRACP
P. E. Donnelly, PhC MB BS, FRACP
J. Forrest, MB BS, FRACP
N. D. Gallagher, MD BS, FRACP
R. Garsia, MB BS, FRACP
M. A. Gillies, MB BS, FRACP
J. M. Greenaway, MB BS, FRCP FRACP
B. M. Hall, MB BS PhD, FRACP
J. E. Hassall, MB BS, FRACP
A. Joasoo, MD BS, FRACP
R. M. H. Kater, MB BS, FRACP FRCP
P. Laird, MB BS, FRACP
J. Leicester, MB BS, FRACP
G. L. McDonald, BA MB BS, FRCP FRACP
R. J. Mulhearn, MB BS, FRCP FRACP
K. W. Perkins, MB BS, FRACP
D. Raghaven, MB BS, FRACP
C. S. H. Reed, MB BS, FRACP
P. M. Stewart, MB BS, FRACP
P. C. Thorpe, MB BS, MRCP FRACP
P. R. Wikramanayake, MD *Ceyl.* MB BS, FRCP FRCPEd
G. V. Williams, MB BS, FRACP
J. York, MD *Melb.* MB BS, FRACP
W. Zylstra, MB BS DTM&H, FRACP

Clinical Lecturers in Cardiology (part time)
I. K. Bailey, MB BS, FRACP
L. Bernstein, MB BS, FRACP FACC
P. J. Harris, BSc(Med) MB BS PhD, FRACP
J. G. Richards, MB BS, FRCP FRACP
D. R. Richmond, MB ChB BSc *Leeds* MSc *Minn.*, FRCP FACC

Clinical Lecturers in Dermatology (part time)
I. H. E. Dawson, MB BS
S. Lee, MB BS, FACD

Clinical Lecturers in Haematology (part time)
D. Joshua, PhD *Oxf.* MB BS, FRACP FRCPA
H. Kronenberg, MB BS DCP, FRACP FRCPA FRCPath
K. A. Rickard, MB BS *Melb.*, FRACP FRCPA MRCPath FCAP

Clinical Lecturers in Neurology (part time)
J. L. Allsop, MB BS, FRACP
G. J. Halmagyi, BSc(Med) MB BS, FRACP
J. Leicester, MB BS, FRACP
J. Walsh, BSc(Med) MD BS, FRACP
W. H. Wolfenden, MB BS, FRCP FRCPEd FRACP

Clinical Lecturers in Renal Medicine
G. G. Duggin, MB BS PhC, FRACP
J. Horvath, MB BS, FRACP
J. R. Johnson, MB BS, FRACP
D. Tiller, MB BS, FRACP

Clinical Lecturers in Thoracic Medicine (part time)
P. Gianoutsos, MB ChB *N.Z.*, FRACP
H. P. B. Harvey, MB BS, FRCP FRACP
J. H. Lee, MB BS, FRACP
D. Lindsay, MD BS, FRACP

Obstetrics and Gynaecology

Professors
Rodney Philip Shearman, MD BS DGO, FRCOG FRACOG
Appointed 1968

Christopher Neville Hudson, MA MB MChir *Camb.*, FRCS FRCOG FRACOG
Appointed 1978

Reader
Bevan L. Reid, MD BS BVSc DTM&H

Associate Professors
Ian S. Fraser, BSc MB ChB *Edin.*, FRCOG FRACOG
J. Derek Llewellyn-Jones, OBE, BA MD BCh MAO *Dub.*, FRCOG FRACOG
Douglas M. Saunders, MD BS, FRACS FRCOG FRACOG

Senior Lecturers
Suzanne F. Abraham, MSc PhD *Melb.*
Brian J. Trudinger, BSc(Med) MB BS *N.S.W.* DDU *Aust.Soc.Ult.Med.*, FRCSEd MRCOG FRACOG

Lecturer (temporary)
Diana L. Jakubowicz, MB BS *Melb.*, MRACOG

Professional Officer Grade III
Peter M. Blackwell, MSc, FAIMT

Professional Officer Grade I
Robert Markham, FAIMT FACBS

Parramatta Hospitals, Westmead Centre
Clinical Lecturers in Obstetrics and Gynaecology (part time)
A. Baccarini, MB BS, FRCOG FRACOG
R. Bellingham, MB BS, MRCOG FRACOG
Phillip S. Cocks, MB BS, MRCOG FRACOG
A. J. Crandon, PhD *Leeds* MB BS, MRCOG FRACOG
G. L. Driscoll, MB BS, MRCOG FRCS FRACOG
J. S. Gibson, MB BS, FRCOG FRACOG
K. B. Kuah, MB BS *Sing.* AM *Mal.*, FRCOG FICS FRACOG
R. D. MacDonald, MB BS, FRCS FRACS FRCOG FRACOG
G. A. Mobbs, MB BS, FRCOG FRACOG
M. J. Simcock, BMedSc MB ChB *N.Z.*, FRCS FRCOG FRACOG
B. R. Spurrett, MB BS, MRCOG FRACOG
E. Tishler, MB BS, MRCOG FRACOG

Clinical Lecturer in Family Planning (part time)
B. W. Simcock, MB BS BSc, MRCS LRCP

Clinical Lecturer in Gynaecological Pathology
P. J. Baird, MB BS PhD, FRCPA

Clinical Lecturer in Reproductive Biology
John Tyler, BSc *S'ton* PhD *Lond.*

Clinical Lecturer in Venereology (part time)
J. A. Moran, MB BS DipVen

Repatriation General Hospital, Concord
Clinical Lecturer in Gynaecology
J. K. Tully, MB BS, FRCOG FAGO FRACOG

Royal North Shore Hospital
Clinical Lecturers in Obstetrics and Gynaecology (part time)
E. S. Boyce, MB BS, MRCOG FRACOG
J. C. Hunter, MB BS, MRCOG FRACOG
I. McN. Kelso, MB BS *N.S.W.*, MRCOG FRACOG
J. F. Kemp, MB BS, FRCSEd FRCOG FRACS FAGO FRACOG
D. C. Morton, DDU *Aust.S.Ult.Med.* MB BS, FRCOG FRACOG
W. H. Patterson, MB BS, FRCOG FACS FRACOG
J. C. Pennington, MB BS, MRCOG, FRACOG
D. W. Pfanner, MB BS, FRCSEd FRACS FRCOG FRACOG
R. H. Picker, MB BS DDU *Aust.S.Ult.Med.*, FRCSEd MRCOG FRACOG
R. Robertson, MB BS, MRCOG FRACOG
D. Smith, MB BS, MRCOG FRACOG
E. Sussman, MB BS, FRCOG FRACOG
I. D. Truskett, MB BS, FRCOG FRACOG

Clinical Lecturer in Bacteriology, Pathology and Cytology in Obstetrics (part time)
Keith O. A. Jones, MB BS DCP, MRCPath MCPA

Clinical Lecturers in Neonatal Paediatrics (part time)
P. A. Barr, MB BS, FRACP
G. J. Bench, DCH *Lond.* MB BS, FRACP
J. R. Davis, MB BS, FRACP
B. Wyeth, MB BS, FRACP

Royal Prince Alfred Hospital
Clinical Lecturers in Obstetrics and Gynaecology (part time)
K. H. Atkinson, MB BS, MRCOG
J. C. Anderson, MB BS, FAGO FRACOG
W. R. S. Birrell, MB BS, FRCOG FRACOG
A. Boogert, MB BS, FRACOG
Alan H. Bradfield, MB BS DGO, FRCOG FRACOG
Andrew G. Child, MB BS, MRCOG
J. V. Malcolm Coppleson, MD BS, FRCOG
Peter M. Elliott, MB BS DGO, MRCOG
Anthony M. Frumar, MB BS, FRCOG
Frederick C. Hinde, MB BS DGO, MRCOG FRCSEd FRACS
C. R. S. Houghton, DPhil *Oxf.* BSc(Med) MB BS, FRACOG
P. Hunter, DMRD *R.C.P.& S.* MB BS, MRCOG FRACOG FRCR
R. P. Jansen, BSc(Med) MB BS, FRACP MRCOG
John W. Knox, MB BS, FRCSEd FRCOG FRACS
Andrew R. Korda, MB BS, MRCOG
Ronald Lawrence, MB BS DGO, FRCOG
R. Lyneham, MB BS, MRCOG
Gordon M. Parkin, MB BS DGO, FRCOG
H. John Solomon, MB BS DGO, MRCOG

Clinical Lecturers in Bacteriology, Pathology and Cytology in Obstetrics (part time)
Patricia Bannatyne, MB BS, FRCPA
Peter Russell, BSc(Med) MB BS, FRCPA

St Margaret's Hospital
Clinical Lecturers in Obstetrics and Gynaecology (part time)
I. Brake, MB BS, FRCOG FRACOG
T. J. Cody, MB BS, MRCOG FAGO FRACOG
K. L. Collins, MB BS, FRCOG FAGO FRACOG
M. J. Fortune, MA *Cant.* MB BCh, MRCOG FAGO FRACOG
K. G. Hartman, MB BS, MRCOG FAGO FRACOG
K. Hollebone, MB BS, MRCOG FRACOG
J. V. Mutton, MB BS,MRCOG FAGO FRACOG
A. A. Pickett-Heaps, MB BS, MRCOG FAGO FRACOG
S. Robertson, MB BS, FRCOG FRACOG
G. Turner, MB BS DCH, MRCPEd

Clinical Lecturer in Obstetric Anaesthetics (part time)
Michael G. Scarf, MB BS, FFARACS

Clinical Lecturer in Care of the Newborn (part time)
David Bau, MB BS DCH *Lond.*, MRCP FRACP
G. Bench, MB BS DCH, FRACP
Peter Van Vliet, BSc MD *N.S.W.* MB BS, FRACP

Clinical Lecturers in Obstetric Medicine (part time)
Brian Curtin, MB BS DCH *Lond.*, FRCP FRACP
Richard O'Reilly, MB BS, FRACP

Ophthalmology and Eye Health

Professor of Clinical Ophthalmology
Francis Alfred Billson, MB BS *Melb.* DO *R.C.P.&S.*, FRCSEd FRCS FRACS FACS FRACO
Appointed 1976

Lecturers (part time)
Frank Martin, MB BS DO, FRACO FRACS
Justin Playfair, MB BS, FRACS FRACO
P. A. Rogers, MB BS DO, FRACS FRACO

Lidcombe Hospital
Clinical Lecturers in Ophthalmology (part time)
R. S. Benger, MB BS *Adel.*, FRACS FRACO
J. Chandra, MB BS *Luck.*, FRACS FRACO
A. Charawanamuttu, MB BS AM *Sing.* DO, FRCSEd
M. Kearns, MB BS, FRACO
S. H. Sarks, MB BS DO, LRCP FRCSEd FRACS
G. B. Thomson, MB BS DO
I. B. Wechsler, MB BS DO, FRACS FRACO

Parramatta Hospitals, Westmead Centre
Clinical Lecturers in Ophthalmology (part time)
D. J. Du Temple, MB ChB *N.Z.* DO *R.C.P.&S.*, FRCS FRACS FRACO
J. A. Harding, DO *R.C.P.&S.* MB BS, FRCS FRACS FRACO
J. G. Henry, DO *R.C.P.&S.* MB BS, FRCS FRACS FRACO
G. G. B. Thomson, MB BS DO, FRACO

Repatriation General Hospital, Concord
Clinical Lecturers in Ophthalmology (part time)
F. M. Booth, DO *Lond.* MB BS, FRACS
I. C. Francis, MB BS, FRACS FRACO
M. B. Kappagoda, MB BS *Ceyl.* DO *Lond.*, FRCS FRACS FRACO
J. F. Killick, MB ChB *Edin.* DO, FRCS
A. L. McKay, DO *R.C.P.&S.* MB BS, FRACO

Royal Alexandra Hospital for Children
Clinical Lecturers in Paediatric Ophthalmology (part time)
G. C. T. Burfitt-Williams, DO *R.C.P.&S.* MB BS, FRACO FRACS
J. W. Hornbrook, DO *R.C.P.&S.* MB BS, FRACO FRACS
F. Martin, MB BS DO, FRACO FRACS
P. Waddy, BSc MB BS DO, FRACO

Royal North Shore Hospital
Clinical Lecturers in Ophthalmology (part time)
C. N. Banks, MA MB BCh *Camb.*, LRCP FRCS FRACO
S. E. Cains, MB BS, FRACS
D. Campbell, MB BS, FRACS FRACO
G. C. Hipwell, MB BS DO, FRCS FRACO
S. Hollo, MD DipOphth *Bud.*, FRACO
C. M. Rogers, MB BS, FRACS FRACO

Royal Prince Alfred Hospital
Clinical Lecturers in Ophthalmology (part time)
Peter S. Duke, MB BS DO, FRCS FRACS FRACO
Lionel F. Hann, MB BS DO, FRACO
P. H. Hughes, BSc MB BS *N.S.W.* DO *Lond.*, FRACS FRACO
Ian B. Jack, MB BS DO, FRACO
P. J. McCluskey, MB BS
K. M. Silva, MB BS *Qld* DO *R.C.P.&S.*, FRCS FRACO
H. Stern, MB BS *W.Aust.* DO, FRACO
R. F. Taylor, DO *Lond.* MB BS, FRACS FRACO
Douglas T. Treloar, MB BS DO, FRACS FRACO
R. D. Williams, MB BS, FRACS FRACO

Paediatrics and Child Health

Professor
Neil Buchanan, BSc MB BS *Lond.* PhD *Witw.*, MRCS LRCP FCP(SA) FRACP
Appointed 1979

Professor of Child Health
Thomas Stapleton, MA DM BCh *Oxf.* DCH *R.C.P.&S.*, FRCP FRACP
Appointed 1960; to retire December 1983

Parramatta Hospitals, Westmead Centre
Clinical Lecturers (part time)
A. Chong, MB BS MMed *Sing.*, FRACP
S. Clarke, MB BS, FCP(SA)
M. Deloughery, MB BS, FRACP
A. M. Fasher, MB BS
B. Filmer, MB BS, FRACS FRCS FACS
M. Frost, MB BS
A. Greenberg, MB BS
E. Haskard, DPH, MRCS LRCP
E. John, MD BS *Madr.*, FRACP
B. E. Kearney, MB BS, FRACP
P. W. Knight, MB BS, FRACP
G. C. Miller, MB BS, FRACP
S. O'Flaherty, MB BS, FRACP
J. Pitkin, MB BS, FRACS FRCS
C. C. Poon, MB BS, FRACP
D. Thomas, MD BS, FRACP
P. Van Asperen, MB BS, FRACP
D. Whiteway, MB BS, FRCS FRACS FACS

Royal Alexandra Hospital for Children
Clinical Lecturers (part time)
G. Angel-Lord, MB BS
J. Antony, MB *Pittsburgh*
P. A. Barr, MB BS, MRACP
D. L. Bennett, MB BS, FRACP
M. Bergin, MB BS
J. M. Brown, MB BS, FRACP
M. Burgess, MD, FRACP
E. D. Burnard, MB ChB *N.Z.*, FRCP FRACP
J. M. Celermajer, MB BS, FRACP
R. J. Chapman, MB BS, MRCP
J. R. Davis, MB BS, FRACP
M. J. Deloughery, MB BS, FRACP
R. Dewey, MB BS DCH
J. Douglas, MB BS, MRACP FRACP
J. C. M. Friend, BA MB BS, FRACP MANZCP
K. Gaskin, MB ChB *Otago*, FRACP FRCPCan
M. D. Gett, MB BS, FRACP
C. L. Goh, MB BS *Sing.*, FRACP
C. Green, MB DCH, MRCP (I) MRCP FRACP
W. G. Grigor, MB BS, FRACP
F. Grunseit, MB BS, FRACP
R. Hawker, MB BS, FRACP
R. Howman-Giles, DDU *Aust.S.Ult.Med.* MB BS, FRACP
M. Huber, MB BS

P. Hutchins, MB BS, MRCP
C. A. James, MB BS, FRACP
K. R. Kamath, MD DCH *Madr.*, FRACP
J. Katz, MB BCH *Witw.* DPM *R.C.P.&S.*, FRCPsych FRANZCP
B. E. Kearney, MB BS, FRACP
A. S. Kemp, MB BS *Melb.* PhD *A.N.U.*, FRACP
H. A. Kilham, MB BS, FRACP
A. Lipson, MB BS *N.S.W.*, FRACP
M. Llewelyn, MB BS
D. Macauley, MB BS, FRACP
R. MacLeod, MB BS
A. Mansour, MB BS PhD, FRACP
E. May, MB BS DCH, FFCM
J. D. McDonald, MB BS, FRACP
C. M. Mellis, MB BS, FRACP
R. K. Oates, DCH *R.C.P.&S.* MB BS, FRACP MRCP
A. S. Oldfield, MB BS, FRACP
R. A. Ouvrier, BSc(Med) MB BS, FRACP
P. G. Procopis, MB BS, FRACP
P. M. Rahilly, BSc MD BS *Lond.*, MRCP
S. I. Robertson, MB BS, MRCP
P. B. Rowe, MD BS, FRACP
L. P. Roy, BSc(Med) MB BS, FRACP
G. L. Serfontein, BSc MB ChB *Stell.*, FCP(SA)
M. Silink, MD, FRACP
D. Sillence, MD, FRACP
G. B. Soutter, MB BCh *CapeT.* DCH *R.C.P.&S.*, FRACP
M. Stevens, MB, FRACP
A. R. Tink, MB BS, FRACP
S. Vince, MD *Bud.*
R. H. Vines, DCH *R.C.P.&S.* MB BS, FRCP FRACP
C. Whight, MB BS, FRACP
G. L. Williams, MB ChB *CapeT.*, FRACP
B. E. Wyeth, MB BS *Qld*, FRACP
J. S. Yu, DCH *R.C.P.&S.* MB BS, FRACP

Clinical Lecturers in Paediatric Psychiatry (part time)
J. L. Brennan, BSc(Med) MB BS, MRANZCP
B. Potter, MB BS, FRANZCP
J. Rose, MB BS, MRANZCP
R. Wotton, MB BS, MRANZCP
B. Waters, MB BS, FRCP FRANZCP

Royal North Shore Hospital of Sydney
Clinical Lecturers (part time)
P. Barr, MB BS, FRACP
G. J. Bench, DCH *Lond.* MB BS, FRACP
P. Concannon, MB BS *N.S.W.* DCH *R.C.P.& S.*, MRCP FRACP
J. Davis, MB BS, FRACP
P. McDougall, MB BS, FRACP
B. Wyeth, MB BS, FRACP

Royal Prince Alfred Hospital
Clinical Lecturers in Care of the Newborn (part time)
M. Gett, MB BS, FRACP
D. Henderson-Smart, MB BS PhD, FRACP
C. James, MB BS, FRACP
P. M. Rahilly, BSc MD BS *Lond.*, FRCP
G. N. B. Storey, DABP *Amer. Bd Paediats* MB BS, FRACP

Pathology

Professors
David Agar Cameron, MDS PhD
Appointed 1968

Susan Evelyn Dorsch, MB BS PhD
Appointed 1983

Alan Beh Puan Ng, MB BS *Melb.*, FASCP FIAC FASDerm FRCPA
Appointed 1980

Clinical Professor
Ernest Sydney Finckh, MD BS DCP, FRACP FRCPath FRCPA
Appointed 1978

Visiting Professor
Vincent John McGovern, MD ChB *N.Z.*, FRACP FRCPA FRCPath

Reader
John R. Gibbins, MDS PhD

Senior Lecturer
L. Arnold, BSc(Med) MB BS PhD

Visiting Senior Lecturer (part time)
W. A. Evans, BSc(Med) MB BS DCP, FRCPA

Clinical Lecturer
P. J. Baird, MB BS PhD, FRCPA

Temporary Lecturer
Saroj Prakash, BS MD DCP *Madr.*

Senior Tutor
A. Farnsworth, MB BS

Visiting Lecturers (part time)
Patricia Bale, MB BS *Melb.*, FRCPA MRCPath
A. Michael Bilous, MA MB ChB *Oxf.*, FRCPA
W. Brighton, MD BS, FRCPA
T. Jelihovsky, MB BS DCP
R. C. Newland, BSc(Med) MB BS DCP, FRCPA

Visiting Tutors
J. Armytage, MB BS DCP, FRCPA
F. Chambers, MB BS
I. Cheng, MB BS *H.K.*, FRACP
S. Cheng, MB BS
V. Geddes-Dwyer, MB BS
N. Hunter, BDS PhD
R. Jaworski, MB BS
K. L. Kneale, MB BS
S. Kondapalli, MB BS
H. Lunzer, MB BS *Lond.*, LRCP MRCS
R. L. O'Grady, BSc BDS PhD
P. Samson, MA MB BS
S. Staraj, MB BS, FRCPA

Professional Officers Grade III
M. F. Douglas, DipMT *A.I.M.T.*, FAIMLS
G. L. Morrison, DipMT *A.I.M.T.*, FAIMLS
B. H. Munro, DipMT *A.I.M.T.*, FAIMLS

Repatriation General Hospital, Concord
Clinical Lecturers (part time)
K. L. Kneale, MB BS, FRCPA
R. C. Newland, BSc(Med) MB BS DCP, FRCPA

Royal North Shore Hospital
Clinical Lecturers (part time)
J. Fryer, MB BS, FRCPA
R. Hollis, MB ChB *Witw.*, FRCPA
W. H. Payne, DCP *Lond.* MB BS, MRCPath MRCPA

Pharmacology

Professor
Graham Allen Ross Johnston, PhD *Camb.* MSc, FRACI
Appointed 1980

Reckitt and Colman Professor of Clinical Pharmacology
John Shaw, MB BS PhD, FRACP
Appointed 1979

Reader
Gregory B. Chesher, MSc PhD

Associate Professors
L. Bruce Cobbin, BSc *Melb.* PhD
David M. Jackson, BPharm MSc PhD
Graham A. Starmer, MSc *Manc.* PhD
Diana M. Temple, BSc *W.Aust.* MSc PhD

Senior Lecturers
Robin D. Allan, BSc *Qld* PhD *James Cook*
Rosemarie Einstein, BSc PhD
Ewan J. Mylecharane, BPharm *Vic.I.C.* BSc PhD *Melb.*
J. Paul Seale, MB BS PhD *Lond.*, FRACP

Clinical Senior Lecturer
Gillian M. Shenfield, MA DM BCh *Oxf*, FRCP FRACP

Tutors
Peter U. Braacs, BSc
Christine Phillips, BSc *Bath* PhD *Edin.*
Susan D. Whicker, BSc *Adel.*

Honorary Associate
Professor P. R. Andrews, BSc PhD *Melb.*

Research Affiliate
C. M. Mellis, MB BS, FRACP

Clinical Lecturers (part time)
Judith L. Black, MB BS PhD
George M. Eckert, MB BS MSc PhC, FPS

Physiology

Professors
William Burke, BSc PhD *Lond.*
Appointed 1967

Michael Gleeson Taylor, MD BS *Adel.* PhD DSc *Lond.*, FRACP
Appointed 1961
Appointed Deputy Vice-Chancellor 1975

John Atherton Young, BSc(Path) BS DSc MD *Qld*, FRACP
Appointed 1976

Reader
Joseph F. Y. Hoh, PhD *A.N.U.* BSc(Med) MB BS

Associate Professors
Arthur V. Everitt, BSc PhD
Barry S. Gow, MDS PhD, FRACDS
David J. C. Read, MD BS, FRACP

Senior Lecturers
Brian G. Cleland, BE *N.S.W.* MS PhD *Northwestern*
R. A. L. Dampney, BSc PhD
David F. Davey, BSc PhD *McG.*
Brian J. Morris, BSc *Adel.* PhD *Monash*
A. Pettigrew, BSc PhD
Ann E. Sefton, BSc(Med) MB BS PhD

Tutors
Ian Hutchinson, BSc *Lond*, PhD *Leeds*
Thomas FitzGibbon, BSc *Well.*

Tutors (half time)
Simon Carlyle, BSc
Miriam I. Fabian, BSc PhD *Lond.*
Jeffrey M. Freemann, BE

Professional Officer Grade II
Donald J. Bowen, HNC LIBiol *Lond.*, MRSH

Research Affiliates
W. K. T. Fowler, MSc *N.Z.* PhD *Lond.*
J. M. Lingard, BSc *Qld* PhD
C. Wang

Psychiatry

Professor
Pierre Joseph Victor Beumont, MB ChB *Pret.* MSc *Oxf.* MPhil *Lond.* DPM, FRANZCP FRACP FRCPsych MRCPEd
Appointed 1975

Clinical Professor
Russell Ainslie Meares, MD BS *Melb.* DPM *Lond.*, FRANZCP MRCPsych
Appointed 1981

Associate Professors
Gordon F. S. Johnson, MB BS *Qld* DPM *Lond.*, FRCPsych FRANZCP
Christopher Tennant, MD BS MPH DPM, MRCPsych MRANZCP

Senior Lecturer
Ralph J. Schureck, MA DPM *Camb.* MB BS *Qld* MHPEd *N.S.W.*, MRCPsych MRANZCP

Lecturer
Robert Hampshire, MB BS, MRANZCP

Research Affiliate
J. Bergen, MB BS, MRANZCP

Banks House, Bankstown District Hospital
Clinical Lecturers
M. Giuffrida, MB BS, MRANZCP
W. B. Andrews, MB BS, MRANZCP

Cumberland Hospital
Clinical Lecturers (part time)
C. S. Balaraman, MB BS *Madr.*, MRANZCP
K. A. Henson, MB BS, FRANZCP
C. Kordick, MB BS, MRANZCP
G. J. M. Westerink, MB ChB *N.Z.* DPM *Melb.*, FRANZCP

Lidcombe Hospital
Clinical Lecturers (part time)
D. Learoyd, MB BS, MRANZCP
J. Pettigrew, MB BS, MRANZCP
S. Williams, MB BS, FRANZCP

Macquarie Hospital
Clinical Lecturers (part time)
W. A. Barclay, MSc *Col.* BSc(Med) MB BS DPM, FRANZCP

M. A. S. Connolly, BSc(Med) MB BS DCH DPM, MRCGP MRCPsych
P. J. Doherty, MB BS *Monash*, MRANZCP
S. K. Dutta, MB BS *Calc.* DPM *Lond.* MRCPsych
R. Kaneyson, MB BS *Calc.* MPM *Malaysia*, MRANZCP
M. D. McGrath, MB ChB *Leeds* DPM, MRCPsych FRANZCP
G. J. Pohlen, MB ChB *Otago* BSc *Lond.* DPM, MFCM MCCM FRANZCP MRCPsych

Northside Clinic *(an affiliated teaching unit of the Department of Psychiatry)*
Clinical Lecturers (part time)
B. Glass, MB ChB MRANZCP
K. Mayne, MB BS, MRCPsych FRANZCP
C. MacFie, MB ChB *Glas.* MPhil *Lond.* DPM, MRCP MRCPsych MRANZCP
A. Orsmond, MB BS *Lond.* DPM, MRANZCP MRCPsych LRCP
J. Phillips, MB BS *Melb.*, FRANZCP
J. Russell, MB BS, FRACP, MRANZCP
I. Short, MB BS, MRANZCP
W. Williams, BSc(Med) MB BS BA, FRANZCP

Palmerston Clinic — Hornsby Hospital
Clinical Lecturers
J. Bergin, MB BS, MRANZCP
W. Eaton, MB BS, MRCPsych MRANZCP
L. Madew, MB BS DPM, FRANZCP
M. Roberts, MB BS, MRANZCP

Parramatta Hospitals, Westmead Centre
Clinical Lecturers in Psychiatry (part time)
P. G. Churven, MB BS *Qld*, MRANZCP
G. A. Edwards, MD MHA *N.S.W.* DPM, FRANZCP MRCPsych
R. Garofali, MA DipPsychol.
P. Morse, MB BS, FACMA MRANZCP
M. Nicholas, MSc *Auck.* MPsychol.
A. Robertson, MB BS *Lond.*, MRCS MRANZCP LRCP
G. J. Westerink, MB ChB *N.Z.* DPM, FRANZCP
N. Whan, MB BS, MRCPsych

Repatriation General Hospital, Concord
Clinical Lecturers (part time)
B. Boman, MB BS, MRANZCP
M. J. Fairley, MB BS, FRANZCP
A. E. McCarron, MB BS, MRANZCP
C. Smith, MB BS, MRANZCP
G. S. Spragg, MB BS DPM, MRANZCP
J. H. Streimer, MB BS, MRANZCP

Rozelle Hospital
Clinical Lecturers (part time)
N. Brinkley, MB BS DPM *Melb.*, FRANZCP
I. Dzintars, DPM *Lond.* MB BS, FRANZCP
P. H. Merory, BM DOMS *Lond.* DPM, MRCS FRANZCP MRCPsych LRCP

Rydalmere Hospital
Clinical Lecturers
R. Elliott, MB BS, MRANZCP
M. Gesam, MB BS *Madr.*, MRCPsych FRANZCP
D. Johns, MB BS, MRANZCP
R. D. Moorthy, MB BS, MRANZCP
D. I. Nasser, MB BS DPM *Qld* MHP *N.S.W.*, MRANZCP MRCPsych
C. Sochan, MB BS, MRANZCP

Royal North Shore Hospital
Clinical Lecturers (part time)
R. Bartrop, MD *N.S.W.* DPM MB BS, *Lond.* FRACP MRCPsych MRANZCP
A. G. Bennett, MB BS DPM, FRACP FRANZCP FACMA MRCPsych
M. Freeman, MB BS DPM, MRANZCP
J. A. Telfer, MB BS, FRANZCP

Royal Prince Alfred Hospital
Clinical Lecturers (part time)
G. J. Barnes, MB BS, FRANZCP MRCPsych
M. Bashir, MB BS, FRANZCP
F. J. Buttsworth, MB BS, FRANZCP
W. Coombes, MB BS, FRANZCP MRCPsych
R. Cooper, MB BS, FRANZCP
R. Gertler, MB BS, FRANZCP
A. Gilandas, BSc *Oregon* MSc PhD
P. Jenkings, MB BS, MRANZCP
M. Jennings, MB BS DPM, FRANZCP FRCPCan.
H. Knutzelius, MB BS DPM *Lond.*, MRCPsych
J. Plapp, BA *Melb.* PhD *St Louis*
I. Richards, MB BS, MRANZCP
H. H. Smartt, MB BS DPM, FRANZCP
S. Touyz, BSc PhD *Cape T.* BSc *Witw.*
R. B. Vickery, MB BS DPM, FRANZCP
R. T. White, MB BS DPM, MRCPsych FRANZCP

Radiology[1]

Lidcombe Hospital
Clinical Lecturer in Radiology (part time)
B. T. Hammond, MB BS, MRACR

Parramatta Hospitals, Westmead Centre
Clinical Lecturer in Radiotherapy
Kenneth W. Tiver, MB BS, MRACR

Clinical Lecturers in Radiology (part time)
E. M. Broadfoot, DCH *Lond.* DDU *Aust.Soc.Ult.Med.* MB BS DDR, MRACR
P. M. Fitzgerald, MB BS DDR, MRACR
Jacques H. Gutmann, MB ChB *Witw.* DDR, MRACR
Michael W. Jones, MB BS, MRACR
Mary Rickard, BSc(Med) MB BS, MRACR
K. C. Simmons, MB BS, MRACR
Y. S. Soo, MB BS *H.K.* DMRD *R.C.P.& S.*, MRACR

Repatriation General Hospital, Concord
Clinical Lecturers in Radiology (part time)
G. R. Faithful, MB BS DDR, FRACR FRCR
M. C. Schieb, PhC MB BS DDR, FRACR FRACP
W. F. Sporr, MB BS DDR

Royal Alexandra Hospital for Children
Clinical Lecturers in Paediatric Radiology (part time)
M. D'Silva, MB BS *Ceyl.* DMRD *R.C.P.&S.*, MRACR
A. H. Lam, MB BS *H.K.*, MRACR

Royal North Shore Hospital
Clinical Lecturers in Radiology (part time)
J. D. Cashman, MB BS
G. K. Chapman, MB BS, FRACR
J. H. Hunt, MB BS, FRACR
P. K. Macintosh, MB BS, MRACR
C. N. Mathews, MB ChB *Manc.* DDR, FRACR FRCR
J. Roche, MB ChB *Liv.*, MRACR
P. A. Scamps, MB BS, FRACP MRACR
W. A. Sorby, MB BS, FRACP, FRACR

[1] Not a department in the University.

Royal Prince Alfred Hospital
Clinical Lecturers in Radiology (part time)
L. J. Harding-Smith, MB BS DDR, MRACR
T. S. Lamond, MB BS DDR, MRACR
B. Markell, MB BS, FRCR MRCP
J. Ryan, MB BS, FRACR
K. Sherbon, MB BS DDR, FRACR FRCR
Alison Theile, MB BS DDR, FRCR
R. Waugh, MB BS DDR, MRACR

Radiotherapy[1]

Parramatta Hospitals, Westmead Centre
Clinical Professor of Radiotherapy
Allan Ogilvie Langlands, BSc MB ChB DMRT *Edin.*, FRCR FRACR

Repatriation General Hospital, Concord
Clinical Lecturers in Radiotherapy (part time)
B. W. McEwen, MB BS, FRACR FRCP
D. P. Ewing, MB BS DTR, FRACR
R. L. Woods, MB BS *Lond.*, FRACP MRCS MRCP

Royal North Shore Hospital
Clinical Lecturers in Radiotherapy (part time)
B. J. Biggs, MB BS *Melb.* DTM&H, MRACR
M. Holecek, MB BS, MRACR
A. Mallik, MB BS *Calc.* DMRT *Lond.*, FRCR
R. T. H. Shepherd, MB BCh *Oxf.* DMRT *Lond.*, FRCR

Royal Prince Alfred Hospital
Clinical Lecturers in Radiotherapy (part time)
D. Green, MB BS, FRACR FRACS MRCS
J. K. Donovan, DMRT *Lond.* MB BS, MRACR
P. J. Duval, MB BS, FRCR MRACR

Surgery

Bosch Professor of Surgery
Gerald White Milton, MB BS *Adel.*, FRCS FRACS
Appointed 1966

Raymond E. Purves Professor (in the field of Transplantation)
Ainslie Glenister Ross Sheil, BSc MA *Oxf.* MB MS *Qld*, FRCS FRACS FACS
Appointed 1978

Professors
John Miles Little, MD MS, FRACS
Appointed 1977

Robert J. Lusby, MD BS *N.S.W.* MD *Brist.*, FRCS FRACS
Appointed 1983

James May, MB MS, FRACS FACS
Appointed 1979

Thomas Smith Reeve, CBE, DDU *Aust.S.Ult.Med.* MB BS, FACS FRACS Hon. FRACR
Appointed 1974

Professor of Orthopaedics and Traumatic Surgery
Thomas Kinman Fardon Taylor, DPhil *Oxf.* MB BS, FRCS FRCSEd FRACS
Appointed 1969

Director of the Gordon Craig Urological Research Laboratories
. . . . . .

[1] Not a department in the University.

Associate Professors
William H. McCarthy, MEd *Ill.* MB BS, FRACS
Janet McCredie, DMRD *Lond.* MD BS, FRCR FRACR (*Diagnostic Radiology*)
Frederick O. Stephens, MD MS, FRCSEd FACS FRACS

Senior Lecturers
E. L. Bokey, MB MS, FRACS (temporary)
Stephen A. Deane, MB BS, FRACS FRCS
John P. Fletcher, MB BS *W.Aust.*, FRCS FRACS
J. P. Harris, MB BS, FRCS FRACS (temporary)
John E. Payne, MB BS, FRCSEd
Michael D. Ryan, MB BS, FRCSEd FRACS

Senior Lecturers (part time)
Christopher P. Bambach, MB BS, FRACS
Michael S. Stephen, MB BS, FRACS

Clinical Senior Lecturer
Peter F. Thursby, MB BS, FRACS

Lecturer (temporary)
David W. Storey, MB BS, FRCS FRACS

Director of the Raymond Purves Laboratories
Peter Ghosh, BSc *Lond.* PhD, ARIC FRACS

Lecturer to Dental Students (part time)
Nicholas A. Packham, BDS MB BS, FRACS

Lecturer in Plastic Surgery (part time)
Edward W. Gibson, MB MS, FRACS FACS

Lecturers in Surgical Diseases of Children (part time)
D. H. Cohen, MB BS, FRACS
A. W. Middleton, MB BS, FRCS FRACS

Lecturers in Orthopaedics and Traumatic Surgery (part time)
Francis W. Marsden, MB BS, FRCSEd FRACS
David H. Sonnabend, MB BS, FRACS

Lecturer in Ear, Nose and Throat Surgery (part time)
John H. Seymour, MB BS, FRCS FRACS

Professional Officers Grade III
Desmond Varga, DipIng *E.L. Bud.*
Douglas Mears

Research Affiliates
O. Dent, MA PhD
G. Kossoff, BSc DEng

Lidcombe Hospital
Clinical Lecturers in Surgery (part time)
F. Bonar, MB BS, FRACS FRCS
M. Hughes, MB BS, FRACS
W. O. Shields, BSc MB ChB, FRCSEd
B. H. Stone, MB BS, FRCS
P. F. Thursby, MB BS, FRACS
S. K. C. Wong, MB BS, FRACS FRCSEd

Clinical Lecturer in Ear, Nose and Throat (part time)
O. Harrison, MB BS, FRACS

Clinical Lecturer in Neurosurgery (part time)
J. Matheson, MB BS, FRACS FACRM

Clinical Lecturers in Orthopaedic Surgery (part time)
G. Kalnins, MB BS, FRCSEd FRACS

J. Walsh, MB ChB, FRCSEd FRACS
J. Wong, MB BS, FRACS

Clinical Lecturer in Reconstructive Surgery (part time)
N. V. Sweeney, MSc MB BS, FRACS FRCSEd

Clinical Lecturers in Urology (part time)
J. Boulas, MB BS, FRACS
A. Brooks, MB BS, FRACS
A. Mitterdorfer, MB BS, FRACS

Mater Misericordiae Hospital, North Sydney
Clinical Lecturers in Surgery (part time)
F. H. D. Breslin, MB BS, FRCS FRACS
G. J. Coorey, MB BS, FRCS FRACS
M. K. Eagleton, MB BS, FRCS FRACS
I. R. Fielding, DPharm MB BS, FRCS FRACS
T. O'Connor, MB BS, FRCS FRACS
B. F. Sheridan, MB BS, FRCS FRCSEd FRACS

Clinical Lecturers in Orthopaedic Surgery (part time)
R. A. Elliott, MB BS, LRCP FRCS FRACS
F. J. Harvey, MB BS MChOrth *Liv.*, FRCS FRCSEd FRACS FACS
A. Hodgkinson, MB BS, FRCSEd FRACS FACS
J. P. H. Stephen, MB BS, FRCS FRACS

Parramatta Hospitals, Westmead Centre
Clinical Lecturers in Surgery (part time)
B. H. Barraclough, MB BS FRACS
T. B. Comins, MB BS, FRCSEd FRACS
R. Campbell, MB BS, FRCSEd FRACS
D. G. Failes, MB BS, FRCS FRACS
S. J. Hazelton, MB BS, FRACS FRCS
D. S. Johnson, MB BS, FRCS FRACS
I. Kalnins, MB BS, FRACS
I. C. O'Rourke, MB BS, FRCS FRACS
W. Roney, MB BS, FRCSEd FRCS
G. V. Shead, MB MS, FRCS FRACS

Clinical Lecturers in Ear, Nose and Throat (part time)
J. Currotta, BSc MB BS, FRACS
P. F. Kevin, MB BS, FRCS FRACS
P. W. Noyce, MB BS, FRACS

Clinical Lecturer in Facio Maxillary Surgery (part time)
A. J. Coren, BDS, FDSCRS FFDRCS

Clinical Lecturer in Hand Surgery (part time)
R. Honner, MB BS, FRCS FRACS

Clinical Lecturers in Neurosurgery (part time)
N. W. C. Dorsch, MB BS, FRCS
M. R. Fearnside, MB MS, FRACS

Clinical Lecturers in Orthopaedic Surgery (part time)
J. L. Cummine, MB BS, FRACS
J. M. Harrison, BSc(Med) MB BS, FRCS FRACS
P. J. McGrath, MB BS, FRCS FRACS
D. W. Whiteway, MB BS, FRCS FRACS FACS
J. T. Wong, MB BS, FRACS

Clinical Lecturers in Paediatric Surgery (part time)
J. Pitkin, MB BS, LRCP FRCS FRACS

Clinical Lecturer in Paediatric Urology (part time)
R. B. Filmer, MB BS, FRCS FRACS FACS

Clinical Lecturers in Reconstructive and Plastic Surgery (part time)
G. P. Curtin, MB BS BDS, FRCS FRACS FRACDS
P. G. Thompson, MB BS, FRCS FRACS
G. N. Threlfall, MB BS, FRACS
V. Zielinski, MB BS, FRACS

Clinical Lecturers in Thoracic Surgery (part time)
T. B. Cartmill, MB BS, FRACS
D. C. Johnson, MB BS, FRACS
G. Nunn, MB BS, FRACS

Clinical Lecturers in Urology (part time)
J. Boulas, MB BS, FRACS
A. Brooks, MB BS, FRACS
M. Drummond, MB BS, FRCS FRACS
B. G. Storey, MB BS, FRCS FRACS

Repatriation General Hospital, Concord
Clinical Lecturers in Surgery (part time)
P. H. Chapuis, MB BS, FRACS
R. C. Claxton, MB BS, FRCS FRCSEd FRACS
D. Dunn, MB BS, FRACS
M. M. De Burgh, MB BS, FRACS
D. J. Gillett, ChM *Liv.* MB BS, FRCS FRCSEd FRACS
D. Golovsky, MB BS, FRCS FRACS
R. J. Healey, MB BS, FRCS FFR FRACS MCRA
J. Hollinshead, MB BS, FRACS
W. J. Hughes, MB BS, FRCS FRACS
P. B. Humphris, MB BS, FRCS FRCSEd FRACS
P. J. Kennedy, MB BS MDS, FRACDS FRACS
S. G. Koorey, MB BS, FRCS FRACS
E. R. Lippey, MB BS, FRACS FRCS
D. C. Mackenzie, MB BS, FRCS
J. E. Moulton, MB BS, FRCS FRCSEd FRACS
M. T. Pheils, MA MB MChir *Camb.*, FRCS FRACS LRCP
R. C. Smith, MB BS, FRACS
W. K. Soh, MB BS, FRACS

Clinical Lecturers in Ear, Nose and Throat (part time)
O. J. Davies, MB BS DLO
J. Szasz, MB BS DLO

Clinical Lecturers in Neurosurgery (part time)
N. Dan, MB BS, FRCS FRACS
H. E. Hudson, MD *Chile*, FRACS
A. P. Poulgrain, MB BS, FRCS FRCSI

Clinical Lecturers in Orthopaedic Surgery (part time)
A. D. Dixon, MB BS, FRACS
A. J. Grant, BA *Qld* MB BS, FRCSEd
R. J. E. D. Higgs, MB BS, FRCS FRACS(Orth)
K. Hume, MB BS, FRCS FRACS
W. P. Lennon, MB BS, FRACS
W. J. Marsden, MB BS, FRCSEd FRACS
K. W. Walter, MB BS, FRCSEd FRACS
K. Wilding, MB BS, FRCS FRACS

Clinical Lecturers in Reconstructive Surgery (part time)
T. R. M. Furber, MB MS, FRACS
P. Haertsch, MB BS, FRACS FRCSEd
A. W. Lewis, MB BS, FRACS

Clinical Lecturers in Urology (part time)
J. H. Alexander, MB BS, FRACS
A. Lalak, MB BS, FRCSEd FRACS
P. W. O. Maher, MB BS, FRCS FRACS
A. Mitterdorfer, MB BS, FRACS

Royal Alexandra Hospital for Children

Clinical Lecturers in Paediatric Surgery (part time)
D. H. Cohen, MB BS, FRACS
Genevieve Cummins, BSc(Med) MB BS, FRACS
D. L. Dey, MB MS, FRACS
M. Glasson, MB BS, FRCS FRACS
J. Harvey, MB BS, FRCS FRACS
R. S. B. Hudson, MB BS, FRCS FRACS
H. C. O. Martin, MB BS, FRACS FRCS
A. W. Middleton, MB BS, FRCS FRACS

Clinical Lecturers in Paediatric Ear, Nose and Throat (part time)
E. J. Beckenham, MB BS, FRACS FRCSEd
B. N. P. Benjamin, OBE, MB BS DLO, FRACS

Clinical Lecturers in Paediatric Neurosurgery (part time)
M. Besser, MB BS, FRCS
I. H. Johnston, MB ChB *St.And.* BSc, FRCS FRCSGlas

Clinical Lecturers in Paediatric Orthopaedic Surgery (part time)
I. Barrett, MB BS, FRACS
M. D. Ryan, MB BS, FRCSEd FRACS
D. W. Whiteway, MB BS, FRCS FRCSEd FRACS FACS

Clinical Lecturers in Paediatric Urology (part time)
D. D. Arnold, MB BS, FRCS FRACS
R. B. Filmer, MB BS, FRACS FRCS FACS
R. D. Wines, MB BS, FRCS FRACS

Royal North Shore Hospital

Clinical Lecturers in Surgery (part time)
M. Appleberg, MB BCh *Witw.*, FCS(SA) FRACS
C. P. Bambach, MB BS, FRACS
A. R. Brown, MB ChB *N.Z.*, FRCS FRACS
V. H. Cumberland, MB MS, FRCS FRACS
G. A. Cutler, BEc MB BS, FRCS FRACS
G. Douglas, MB BS, FRACS
M. K. Eagleton, MB BS, FRCS FRACS
I. R. Fielding, MB BS, FRCS FRACS
N. A. Fowler, MB BS, FRCS FRACS
R. M. Hollings, MB BS, FRCS FRACS
P. B. Humphries, MB BS, FRCSEd FRCS FRACS
R. Lane, DDU *Aust.Soc.Ult.Med.* MB BS, FRCS, FRCSEd FRACS
A. Mallik, MB BS DMRT, FRCP
M. J. Morris, BSc(Med) MB BS, FRACS
B. J. Parker, MB BS, FRCSEd FRACS
J. P. Percy, MB BS, FRACS FRCS
B. Piper, MB BS, FRCSEd FRACS
A. G. Poole, MB BS, FACS FRACS
H. J. Richards, MB BS, FRCS FRACS
O. H. Schneider, MB BS, FRCS FRACS
D. Stephenson, MB BS, FRACS FRCSEd
J. D. Yeo, MB MS, FRACS

Clinical Lecturers in Cardio-thoracic Surgery (part time)
C. W. Deal, MB BS, FRCSEd FRCS FRACS
D. E. Ross, MB BS, FRCSEd FRACS

Clinical Lecturers in Ear, Nose and Throat (part time)
A. C. Dowe, DLO *Lond.* MB BS, FRCS FRCSEd FRACS
G. Luccheze, MB BS, FRCSEd FRCS

Clinical Lecturers in Neurosurgery (part time)
J. M. F. Grant, MB BS, FACS FRACS
R. G. Rushworth, MB BS, FRCS FRACS

Clinical Lecturers in Orthopaedic and Traumatic Surgery (part time)
K. R. Daymond, MChOrth *Liv.* MB BS, FRCSEd FRACS
D. Dixon, MB BS, FRACS
W. Donaldson, MB BS, FRCSEd FRACS
F. J. Harvey, MChOrth *Liv.* MB BS, FRCSEd FRCS FRACS
R. W. D. Middleton, MB BS, FRCSEd FRACS
B. D. Shepherd, MB BS BDS, FRCSEd FRCS FRACS
R. N. Tinning, AM, MB BS, FRCSEd FRACS
J. Yeo, AO, DPRM *Aust.P.G.Fed.Med.* MB MS, FRACS FACRM

Clinical Lecturers in Reconstructive Surgery (part time)
R. Barnett, MB BS, FRACS
R. P. Chandler, MB BS, FRCS FRACS
P. J. O'Keefe, MB BS, FRCS FRACS

Clinical Lecturers in Urology (part time)
J. H. Alexander, MB BS, FRACS
D. H. Keller, MB BS, FRCS FRACS
J. A. A. H. Saalfeld, MB BS, FRCS FRACS

Royal Prince Alfred Hospital

Clinical Lecturers in Surgery (part time)
P. J. Burke, MB BS, FRACS
A. A. Eyers, MB BS, FRACS
D. C. Glenn, BSc(Med) MB BS, FRCS FRACS
J. E. D. Goldie, MB BS, FRCS FACS FRACS
D. Millons, MB BS, FRCS
B. P. Morgan, MB BS, FRACS
G. R. Nicks, OBE, MB ChM *N.Z.*, FRCS FRCSEd FRACS
F. W. Niesche, MB BS, FRCS FRACS
C. O'Brien, MB BS, FRACS
R. C. Opie, MB MS, FACS FRACS
N. A. Packham, BDS MB BS, FRACS
D. M. V. Rea, MB ChB *N.Z.*, FRCS FRACS
S. B. Renwick, MB BS, FRCS FRACS FACS
L. M. Roberts, MB BS, FRCS FRACS
D. M. Sheldon, MB BS, FRCS FRACS
M. Spigelman, MB BS, FRCS FRACS
M. Stephen, MB BS, FRCS FRACS
G. Ramsey Stewart, MB BS, FRCS FRACS FRCSEd FACS
R. West, FRACS

Clinical Lecturers in Ear, Nose and Throat (part time)
G. M. Halliday, MB BS, FRCSEd
J. H. Lancken, MB BS DLO, FRACS
D. Pohl, MB BS, FRACS
J. Scoppa, MB BS, FRACS
J. H. Seymour, MB BS, FRACS

Clinical Lecturer in Neurosurgery (part time)
G. K. Vanderfield, MB BS, FRACS FACS

Clinical Lecturers in Orthopaedic Surgery (part time)
I. Barrett, MB BS, FRACS
P. Holman, MB BS, FRACS
R. Honner, MB BS, FRCS FRACS
D. Macdonald, MB ChB *N.Z.*, FRACS
F. W. Marsden, MB BS, FRCS FRACS
A. E. D. Meares, MB BS, FRCS FRACS
H. D. D. Tyer, MB BS, FRACS
K. W. Walter, MB BS, FRCS FRACS

Clinical Lecturer in Plastic and Reconstructive Surgery (part time)
E. W. Gibson, MB MS, FRACS

Clinical Lecturers in Thoracic Surgery (part time)
D. K. Baird, BSc(Med) MB BS, FRACS FRCS
A. F. Grant, MB BS, FRCS FRACS
C. F. Hughes, MB BS, FRACS
B. D. Leckie, MB BS, FRCS FRCSEd

Clinical Lecturers in Urology (part time)
D. D. Arnold, MB BS, FRCS FRACS
J. Boulas, MB BS, FRACS
G. J. Coorey, MB BS, FRCS FRACS
B. S. Pearson, MB BS, FRCS FRACS
J. Rogers, MB BS, FRCS FRACS
R. Wines, MB BS, FRACS FRCSEd FRCS

Other teaching staff

Lorimer Dods Professor and Director of the Children's Medical Research Foundation
Peter Brock Rowe, MD BS, FRACP
Appointed 1980

Diseases of the Ear, Nose and Throat

Lecturer
John H. Seymour, MB BS, FRCS FRACS FACRM

Diseases of the Skin

Lecturer
W. E. de Launey, MB BS DDM, FRACP

Other units

Commonwealth Institute of Health

Professor of Occupational and Environmental Health and Acting Director of the Institute
David Alexander Ferguson, MD BS, FRACP FFOM FACOM
Appointed 1976

Professor of Preventive and Social Medicine
Charles Baldwin Kerr, DPhil *Oxf.* MB BS, FRACP MFCM
Appointed 1968

Professor of Public Health Biology
David O. Sillence, MD *Melb.* MB BS, FRACP FRCPA
Appointed 1982

Professor of Tropical Medicine
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Associate Professors
Geoffrey Berry, MA *Camb.*, FIS *(Biostatistics and Acting Head of Epidemiology and Biostatistics)*
Joan Bryan, BSc *Qld* PhD *Lond.* (Medical Entomology)
Grahame M. Budd, MD BS, FRACP *(Environmental Health)*
Peter M. Moodie, MD BS DTM&H *(Acting Head of Tropical Medicine)*
Thomas K. Ng, MD BS *H.K.* LLB *Lond.*DPH *Sing.* DIH *Dundee* DPA *Lond.*, FIS FHA FRSH FRACMA MFCM MFOM *(Occupational Health)*

Senior Lecturers
Antonia Bagshawe, MB BS *Lond.*, DTM&H *Liv.*, FRCP FRCPEd *(Clinical Tropical Medicine)*
Robert S. U. Baker, BSc PhD *W.Aust.*, MASM *(Cell Biology)*
John R. Brotherhood, MB BS *Lond. (Environmental Health)*
Terence Dwyer, MB BS *N.S.W.* MPH *Yale (Epidemiology)*
Cedric C. J. Gibbs, MB ChB *Cape T.*, FRACMA FIAC AFAIM *(Health Services)* (temporary)
William B. Hennessy, MB BS DTM&H, FRCP FRACP *(Clinical Tropical Medicine)* (part time)
Paul A. Lancaster, MPH *Calif.* MB BS, FRACP *(National Perinatal Statistics)* (temporary)
Janice C. Reid, BSc *Adel.* MA *Hawaii* PhD *Stan. (Cross Cultural Studies and Medical Anthropology)*
John P. Pierce, BSc *Monash* MSc *McM.* MA PhD *Stan. (Health Education)*

Lecturers
Susan Ash, MHP *N.S.W.* BSc DipND *(Nutrition)*
Janette C. Brand, BSc PhD *N.S.W.*, AAIPST *(Nutrition)*
Ian Darnton-Hill, MB BS *Adel.* DA *R.C.P.&S.* DipNut&Diet *Flin. (Nutrition)*
Anthony W. Findlay, BSc *N.S.W. (Occupational Hygiene)*
Julian Gold, DipEpid&MedStats *Lond.* MB BS, MAmerCPM *(Health Surveillance)*
Gregory B. Goldstein, MB BS, FRACP *(Preventive & Social Medicine)*
Gershom Major, BSc *Melb. (Occupational Hygiene)*
Chloe Refshauge, MA *Macq. (Health Services)*
Colin C. Reid, MB BS *(Occupational Health)*
Richard C. Russell, MSc *(Medical Entomology)*
Neil H. Stacey, BSc PhD *Adel. (Environmental Toxicology)*
John C. Walker, MSc*(Medical Parasitology)*

Principal Tutor
Michael F. O'Keeffe, ASTC *(Pathology & Microbiology)*

Senior Tutor
Patricia M. Desmarchelier, BAppSc *Q.I.T. (Public Health Biology)*

Tutors
Barbara J. McPhee, DipPhty *Aust.Physio.Assen*, MAPA *(Occupational Physiotherapy)*
Alan J. Rogers, BSc *N.S.W.* MSc *Lond. (Occupational Hygiene)*

Registrar of the Institute
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Academic Registrar
Vera Charnas, BA

Librarian
D. John Packer, ALAA (Acting)

Honorary Associates
Professor J. Biddulph, MB BS DTM&H, FRCPEd FRACP
A. R. Sweeney, MScAgr PhD

Emeritus Professor
R. Black, ED, DTM&H *Liv.* MD BS DipAnth, FRACP

Research centres

Clinical Immunology Research Centre
Director and Professor of Immunology
Antony Basten, MB BS *Adel.* DPhil *Oxf.*, FRCP FRACP FRCPA FTS
Appointed Professor 1975; Director 1982

Senior Lecturers
Robert H. Loblay, MB BS PhD, FRACP
Robert L. Raison, BSc PhD *Monash*

Lecturer (temporary)
G. McCaughan, MB BS, FRACP

Neurobiology Research Centre
Director and Professor of Physiology
Maxwell Richard Bennett, BE MSc PhD *Melb.* DSc, FAA
Appointed Director 1982; Professor 1983

University administrative units in the teaching hospitals

Lidcombe Hospital
P. F. Thursby, MB BS, FRACS *(Warden of the Clinical School)*

Macquarie Hospital
M. D. McGrath, MB ChB *Leeds* DPM, MRCPsych FRANZCP

Mater Misericordiae Hospital
R. F. O'Reilly, MB BS, FRACP

Parramatta Hospitals, Westmead Centre
J. M. Little, MD MS, FRACP *(Sub Dean)*
E. F. Linley, BA *(Administrative Officer)*

Repatriation General Hospital, Concord
S. G. Koorey, MB BS, FRCS FRACS *(Warden of the Clinical School)*
O. Peiris, MD BS *Ceyl.*, MRCPEd MRCP FRACP

Royal Alexandra Hospital for Children
P. McVeagh, MB ChB *Otago*, FRACP

Royal North Shore Hospital
G. E. Bauer, MB BS, FACC FRCP FRACP *(Warden of the Clinical School)*
G. Douglas, MB BS, FRACS
R. C. Edwards, MB BS, FRACP MRCP

Royal Prince Alfred Hospital
J. A. Burgess, MB BS, FRACP *(Warden of the Clinical School)*
Aet Joasoo, BSc(Med) MD BS, FRACP
B. P. Morgan, MB BS, FRACS

Rozelle Hospital
. . . . . .

St Margaret's Hospital
D. H. McGrath, MB BS, FRCOG FAGO

Sydney Hospital
A. R. Brown, MB ChB *N.Z.*, FRCS FRACS *(Warden of the Clinical School)*
S. Colagiuri, MB BS, FRACP
S. J. Hazelton, MB BS, FRCS FRACS

FACULTY OF SCIENCE

Departments or schools

Applied Mathematics

Professor
Peter Robert Wilson, BA MSc *Melb.* PhD, FRAS
Appointed 1971

Readers
Alex H. Klotz, MSc PhD *Lond.*, FRAS
Jennifer R. Seberry, BSc *N.S.W.* MSc PhD *LaT.* FIMA MACS

Associate Professors
Edward D. Fackerell, MSc PhD
Alex Reichel, PhD *N.S.W.* MSc DipEd, FRAS
Denis E. Winch, MSc PhD, FRAS

Senior Lecturers
Peter W. Buchen, PhD *Camb.* BSc
Christopher J. Cannon, BSc PhD
W. Barrie Fraser, BSc ME *Cant.* SM PhD *Harv.*
William G. Gibson, MSc *Cant.* PhD *N.S.W.*
Ronald W. James, BSc PhD
Leo Karlov, MSc
David E. Rees, MSc PhD

Lecturers
Christopher J. Durrant, MA PhD *Camb.*
Manfred Ritter, BSc *Qld* MSc

Assistant Lecturer
David J. Ivers, BSc

Tutors
Phillip C. Harmsworth, BSc *Monash*
Christopher J. Radford, BSc

Biochemistry

Professor
Philip William Kuchel, BMedSc MB BS *Adel.* PhD *A.N.U.*
Appointed 1980

Boden Professor of Human Nutrition
Arthur Stewart Truswell, MD ChB *Cape T.*, FRCP FFCM FRACP
Appointed 1978

McCaughey Professor
Robert Gerard Wake, MSc PhD
Appointed 1976

Associate Professors
James Done, MSc PhD *Lond.*
Arnold L. Hunt, BSc PhD *Adel.*
Michael A. Messer, MSc PhD *Melb.*
Reginald W. O'Brien, MSc PhD *N.S.W.*, ASTC
Michael B. Slaytor, MSc PhD

Senior Lecturers
Ivan G. Darvey, BSc PhD *N.S.W.*
Alan R. Jones, PhD *Manc.* MSc
Richard E. Loughlin, MSc PhD *Melb.*
M. Dan Montague, BSc PhD *Manc.*
Gregory B. Ralston, BSc *N.S.W.* PhD *A.N.U.*
Michael A. W. Thomas, DPhil *Oxf.* BSc
Vivian K. L. Whittaker, MB BS *Qld* PhD *A.N.U.*

Lecturers
Audrey M. Bersten, MSc
Simon B. Easterbrook-Smith, BSc *Well.* PhD *Adel.*

Lecturers in the Human Nutrition Unit
Susan Ash, MHP *N.S.W.* BSc DipND (CIH)
Jennie C. Brand, BSc PhD *N.S.W.*, AAIFST (CIH)
Ian Darnton-Hill, MB BS *Adel.* DA *R.C.P.&S.* DipND *Flin.* (CIH)
David C. K. Roberts, BSc *Liv.* PhD *A.N.U.*

Senior Tutors
Margaret R. Dwyer, BSc PhD
Kerie M. Hammerton, BSc PhD
Dawn P. Mulvena, BSc *Melb.* MSc *Qld*

Tutors (half time)
Kay E. Porter, BSc
David Mann, BSc DipND

Professional Officer Grade IV
Leonard J. Lawler, FAIMLS

Professional Officers Grade III
John R. Alden, FAIMLS
Dennis R. Leonard, MSc
Emil Trifonoff, AAIMLS

Professional Officers Grade II
Alfred Graudins, AAIMLS
Leonard Higginbottom, AAIMLS

Honorary Associate
R. K. Pritchard, BSc PhD *N.S.W.*

Biological Sciences

Challis Professor of Biology
Louis Charles Birch, BAgrSc *Melb.* DSc *Adel.*, FAA FAAAS
Appointed 1960; to retire December 1983

Professor of Biology
Donald Thomas Anderson, PhD DSc *Lond.* & *Syd.*, FRS
Appointed 1972

Professor of Biology (in the field of Genetics)
John Alexander Thomson, MSc MAgrSc PhD *Melb.*
Appointed 1979

Professor of Biology
. . . . . .

Readers
W. John Cram, MA PhD *Camb.*
Valerie B. Morris, BSc PhD *Edin.*
John A. Sved BSc PhD *Adel.*

Associate Professors
Roger C. Carolin, BSc *Lond.* PhD (*Biology*)
A. Clive Crossley, BSc *R'dg* PhD *Camb.*
Gordon C. Grigg, BSc *Qld* PhD *Oregon*
Anthony W. D. Larkum, BSc *Lond.* DPhil *Oxf.*, ARCS (*Plant Physiology*)
Peter F. Sale, BSc MA *Tor.* PhD *Hawaii*
N. Alan Walker, BSc *Qld* PhD *Tas.*, FAA *(Cellular Biology)*

Senior Lecturers
William G. Allaway, MA *Camb.* PhD *Lanc.*
Patricia J. Armati-Gulson, MSc PhD
Keith D. Brown, MSc *Melb.* PhD *N.Y.*
Christopher B. Gillies, MAgrSc *Qld* PhD *Alta*
Willem J. R. Lanzing, DrMath&NatSc *Utrecht*
Anthony R. H. Martin, MA *Camb.* PhD *Lond.*
Alfred W. Meats, BSc *Durh.* PhD *N'cle (U.K.) (McCaughey Lecturer in Entomology)*
Marie J. Mercer, MSc *N.Z.* PhD
Peter J. Myerscough, MA DPhil *Oxf.*
Antony J. Underwood, BSc PhD *Brist.*
Peter G. Valder, PhD *Camb.* BScAgr

Lecturers
Mary A. C. Besly, BA BSc PhD
Rosalind T. Hinde, BSc PhD
Veronica H. K. Low, BSc PhD
Mary Peat, BSc *Birm.* PhD *Brist.*
David R. Selkirk, BSc PhD
Richard Shine, BSc *A.N.U.* PhD *N.E.*

Lecturer (fixed term)
Richard A. Bradley, BSc MA *Calif. State* PhD *New Mexico*

Senior Tutors
Kenneth R. Brown, BSc PhD *N.S.W.*
Elizabeth R. Sakker, BSc PhD

Tutors
Patrick Filmer-Sankey, BSc *N'cle(U.K.)*
Veronica Holland, BSc *N.S.W.*
Margaret Jackson, DipEd *Syd.Teach.Coll.* BSc
Janet C. Kunze, BSc PhD
E. Charles Morris, BSc *N.S.W.*
D. Lynne Smith, BSc
Gabriella Wittmann, BSc *Macq.*

Professional Officers Grade III
M. Gee Chapman, BSc *Natal* MSc
Mark Curran, BSc(GenSc)
Janice L. Jacobs, BSc(GenSc)

Professional Officer Grade II
Terence M. Mangan, BSc *N.S.W.*

Curator of Zoological Collections (part time)
Glenda A. Parish, BSc *LaT.*

Honorary Visitor
Emeritus Professor Sir Rutherford Robertson, AC CMG, PhD *Camb.* DSc

Emeritus Professors
M. G. Pitman, OBE, MA PhD ScD *Camb.*, FAA
S. Smith-White, DScAgr, FAA

Honorary Associates
Desmond J. G. Griffin, MSc *Well.* PhD *Tas.*
Neil Willetts, MA PhD *Cant.*

Research Affiliates
D. Bartels, BSc PhD *N.S.W.*
C. Willoughby, BSc *LaT.* PhD *Leeds*

Chemistry

Professor of Chemistry (Inorganic Chemistry)
Hans Charles Freeman, MSc PhD, FRACI
Appointed 1971

Professor of Chemistry (Theoretical Chemistry)
Noel Sydney Hush, DSc *Manc.* MSc, FAA FRACI
Appointed 1971

Professor of Chemistry (Physical Chemistry)
Walter John Moore, BS *N.Y.* PhD *Prin.*, FRACI
Appointed 1973; to retire December 1983

Professor of Chemistry (Organic Chemistry)
Sever Sternhell, PhD DSc DIC *Lond.* MSc, FRACI
Appointed 1977

Readers
John T. Pinhey, PhD DSc, FRACI (*Organic Chemistry*)
Walter C. Taylor, PhD DSc *Manc.* MSc, FRACI (*Organic Chemistry*)

Associate Professors
Manuel J. Aroney, OBE, MSc PhD, FRACI FRSChem CorrMembAcadAthens (*Inorganic Chemistry*)
Mervyn K. Cooper, BSc *N.S.W.* PhD *Lond.*, FRSChem ARACI *(Inorganic Chemistry)*
Neville A. Gibson, MSc PhD, MRSC ARACI (*Inorganic Chemistry*)
Robert J. Hunter, BSc PhD, FRACI (*Physical Chemistry*)
John C. Mackie, MSc PhD, ARACI *(Physical Chemistry)*
Donald H. Napper, PhD *Camb.* MSc, FRACI (*Physical Chemistry*)
Alexander V. Robertson, MSc *Melb.* PhD DSc, FRACI (*Organic Chemistry*)

Director of First Year Studies
A. John Harle, MSc DipEd, ARACI MRSC FACE

Senior Lecturers
Robert S. Armstrong, MSc PhD
James K. Beattie, BA *Prin.* MA *Camb.* PhD *Northwestern,* FAAAS FRACI
James M. Eckert, BA MSc PhD
Robert G. Gilbert, PhD *A.N.U.* BSc, FRACI
Richard K. Haynes, BSc PhD *W.Aust.*, ARACI
Ernest F. McFarlane, BSc *Melb.* PhD DIC *Lond.*
K. Sture J. Nordholm, FilKand *Gothenburg* PhD *Maryland*
Robert K. Norris, DIC *Lond.* BSc PhD, FRACI
Raymond K. Pierens, MSc PhD, MRSC ARACI
Damon D. Ridley, BSc PhD, ARACI
Geoffrey L. D. Ritchie, MSc *N.Z.* PhD DSc, FRACI
Pieter E. Schipper, BSc *Qld* PhD *A.N.U.*, ARACI
Peter E. Wright, MSc PhD *Auck.*, ARACI

Lecturers
Moya J. Crane, BSc
Maxwell J. Crossley, BSc PhD *Melb.*, ARACI
Leslie D. Field, BSc PhD, ARACI
Julia M. James, BSc PhD *Lond.*
Anthony R. Lacey, MSc PhD, ARACI
Donald V. Radford, DipEd *N.E.* MSc PhD
Richard Roper, BSc *W.Aust.* PhD
Mark G. Sceats, BSc PhD *Qld*
Alan J. Williams, MSc PhD, ARACI

Senior Tutor
Anne E. Mihkelson, MSc PhD DipEd *N.S.W.*, MRSChem ARACI

Tutors
W. Bret Church, BSc *N.S.W.* DipEd *N.E.*
Sioe See Chew, BSc
Michael J. Collins, BSc
Gary Dennis, BSc
Nagi Ekdawi, BSc
Thomas P. J. Garrett, BSc
Alan F. Godfrey, BSc
Geoffrey James, BSc
Andrew Katsifas, BSc
Robert Kaziro, BSc *Mak.* MSc *N.S.W.*, ARACI
S. Warren Lazer, BSc
David Millar, BSc *Melb.* PhD *Cal.Tech.*
Emilios Patsalides, BSc PhD *N.S.W.*
Derek Pert, BSc *Flin.*
Burkhard Raguse, BSc
Husaini Sadikot, BSc PhD *Lond.*

Mathematical Analyst
George Bacskay, BSc *Melb.* PhD *Camb.*

Professional Officer Grade IV
D. Carl Dehlsen, ASTC *Syd.Tech.Coll. (Electronics)*
J. Mitchell Guss, BSc PhD *(X-ray Diffraction)*

Professional Officers Grade III
Michael Barbetti, BSc *W.Aust.* MSc *Manit.* PhD *A.N.U. (Radiocarbon Dating)*
Ian R. Brown, BSc PhD *N.S.W.*, ARACI *(Mass Spectrometry)*
Alan K. McPhail, BAppSci *C.C.A.E. (Electronics)*
Jacques L. E. Nemorin, MSc *Uppsala* PhD *(NMR Spectroscopy)*
Michael P. Smyth, BSc(GenSc) *(Mass Spectroscopy)*

Professional Officers Grade II
Robert A. Binstead, BSc PhD *(Spectroscopy)*
William A. Bubb, DIC *Lond.* BSc PhD *(NMR Spectroscopy)*
Hashim Durrani, DME *Karachi (Ultracentrifuge)*
Kelvin K. Picker, BSc PhD, ARACI *(GLC and HPLC)*
V. Hoi Vu, BSc ME MScEng *N.S.W. (Instrumentation)*

Professional Assistants Grade I
Mitsuo Murata, BSc *Tohoku* PhD *Georgia (Protein Chemistry)*
Emil O. Siara, MSc *Bucharest Tech. Univ. (Electronics)*

Assistant to the Head of School
Jack Smith

Honorary Associates
B. Freasier
Steven Hacobian, PhD DSc, FRACI *(Physical Chemistry)*
Dalway J. Swaine, MSc *Melb.* PhD *Adel.*, FRACI *(Inorganic Chemistry)*

Research Affiliates
M. R. Battaglia, BSc PhD (*Inorganic Chemistry*)
J. R. Kalman, BSc PhD (*Organic Chemistry*)
J. V. Leyendekkers, BSc (*Physical Chemistry*)

Basser Department of Computer Science

Professor
John Makepeace Bennett, AO, BE(Civ) BE(Mech&Elec) BSc *Qld* PhD *Camb.*, FACS FBCS FIEAust FIMA
Appointed 1961

Senior Lecturers
Allan G. Bromley, BSc PhD
Norman Y. Foo, ME *Cant.* MA PhD *Mich.*
Leslie M. Goldschlager, MSc *Monash* PhD *Tor.*
Donald Herbison-Evans, MA DPhil *Oxf.*, FRSChem FRAS MIEE
Hsuen Ren Hwa, BS *Natnl Taiwan* MS *Natnl Chiao Tung (Taiwan)* PhD *Ott.*
Ian A. Parkin, BSc PhD *Adel.*

Lecturers
Gregory Butler, BSc PhD
Robert J. Kummerfeld, BSc PhD
Bernard J. Omodei, BSc *Qld* PhD *A.N.U.*

Assistant Lecturers
Paul Greenfield, MSc
Judy Kay, MSc

Senior Tutors
Fletcher Joss, BSc
Paul J. Lorger, BSc

Tutors
Jason Catlett, BA
Susan Halmagyi
Stephen Hirst, BSc
Gregory McFarlane, BSc
Reza Mostafavir, BSc *Lond.*
Nora Neilands
Timothy Nicholson, BSc
Timothy Posney, BSc
Roslyn Riley, MSc
Gregory Ryan, BSc
Stephen M. Russell, BSc

Professional Officer Grade II
Ronald Cullen, BE *N.S.W.*

Honorary Associate
J. R. Quinlan, PhD *Wash. State* BSc

Geography

McCaughey Professor
Maurice Timothy Daly, BA PhD
Appointed 1976

Associate Professor
John Rutherford, PhD *A.N.U.* BA

Senior Lecturers
John Connell, BA PhD *Lond.*
Deidre Dragovich, MA *Adel.* PhD
Ronald J. Horvath, BA *Calif. State* MA PhD *Calif.*
Dennis N. Jeans, BA PhD *Lond.*
Andrew D. Short, MA *Hawaii* PhD *Louisiana State* BA
Philip D. Tilley, BA CertEd *Birm.* DrPhil *Bonn*
Robin F. Warner, BA *Birm.* PhD *N.E.*

Lecturers
David E. M. Chapman, BA PhD
Kathrine D. Gibson, PhD *Clarke Coll.* BA
Barry O'Rourke, MA LittB *N.E.*

Senior Tutor
Paul Bishop, BA *Macq.*

Tutor
R. John Carne, BA *W'gong*

Cartographer
John E. Roberts

Emeritus Professor
T. Langford-Smith, BA *Melb.* MSc *Adel.* PhD *A.N.U.* BSc

Geology and Geophysics

Edgeworth David Professor of Geology and William Hilton Hovell Lecturer
Graeme Maxwell Philip, PhD *Camb.* DSc *Melb.*, FGS MAIMM
Appointed 1972

Associate Professors
David F. Branagan, MSc PhD, FGS *(Geology)*
Donald W. Emerson, BE MSc *N.S.W.* PhD, MAIMM *(Exploration Geophysics)*
Gordon H. Packham, BSc PhD *(Geology)*
Charles V. G. Phipps, PhD *Tor.* BSc *(Geology)*
Thomas G. Vallance, BSc PhD, FGS *(Petrology)*
Barry D. Webby, MSc *N.Z.* PhD DSc *Brist.*, FGS *(Geology)*
Kenneth L. Williams, MSc *N.E.* PhD *A.N.U. (Geology)*

Senior Lecturers
Alan A. Day, PhD *Camb.* BSc, FRAS
David A. Falvey, PhD *N.S.W.* BSc (on leave)
David A. F. Hendry, BSc *Aberd.* PhD *Camb.*
T. B. Huw Jenkins, BSc PhD *Wales*, FGS
Evan C. Leitch, MSc *Auck.* PhD *N.E.*, FGS
Eric A. K. Middlemost, MSc PhD *Cape T.*
Kingsley J. Mills, BSc PhD *Adel.*
Ian M. Threadgold, MSc *W.Aust* PhD *Wis.*
Robin E. Wass, BSc *Qld* PhD, FGS

Senior Tutors
Jack A. Mahoney, BSc
Paul A. Morris, BA BSc *Otago* PhD *Well.*

Tutors
R. Armstrong L. Osborne, MSc
Sonja G. A. Willis, BSc *Macq.*

Professional Officers Grade III
Rolf W. Beck, BSc
Peter Kolbe, BSc *Cape T.* PhD *A.N.U.*

Professional Officer, Grade II
Gabor Z. Foldvary, MSc *N.S.W.*

Emeritus Professor
C. E. Marshall, PhD *Durh.* DSc *Birm.*, FGS MAustIMM

Honorary Associates
Bruce V. Hamon, BSc BE
Robin J. Helby, MSc PhD
Ian S. F. Jones, BE *N.S.W.* PhD *Waterloo*
Georges L. Kulbicki, MSc PhD *Toulouse*

Research Affiliates
J. Dulhunty, DSc
I. Irvine, BSc PhD
D. King, BSc *East Anglia* MSc DIC *Lond.* PhD *A.N.U.*
P. Mulhearn, BSc BE PhD

Mathematical Statistics

Professor
Eugene Seneta, MSc *Adel.* PhD *A.N.U.*
Appointed 1979

Associate Professor
John Robinson, BSc *Qld* PhD

Senior Lecturer
Malcolm P. Quine, MSc *Lond.* PhD *A.N.U.*

Lecturers
Howard J. D'Abrera, PhD *Calif.* BSc
Neville C. Weber, MSc PhD

Senior Tutor
Philip Durham, MSc DipEd

Tutor
David M. Walker, BSc *Qld*

Mathematics

Applied Mathematics
Pure Mathematics
[See separate alphabetical listing]

Pharmacy

Professor of Pharmaceutical Chemistry
Thomas Robert Watson, MSc *N.Z.* PhD, FRACI FPS
Appointed 1970

Professor of Pharmaceutics
Ronald Alexander Anderson, BSc AUAPharm *Adel.* PhD, FPS
Appointed 1979

Readers
H. T. Andrew Cheung, MSc *H.K.* PhD DIC *Lond. (Pharmaceutical Chemistry)*
Adrian J. Ryan, PhD *Manc.* MSc (*Pharmaceutical Chemistry*)

Associate Professors
James S. Robertson, BSc *Lond.* PhD *Sing.*, FPS (*Pharmacy*)
Jack Thomas, MSc PhD *Manc.*, FPS (*Pharmaceutical Chemistry*)
Richard E. Thomas, MSc PhD, MPS (*Medicinal Chemistry*)

Senior Lecturers
John J. Ashley, PhD *Calif.* MSc, MPS
Kenneth F. Brown, MPharm PhD, MPS
Reginald G. Coombe, MSc *N.Z.* PhD, MPS
Gerald M. Holder, PhD *Lond.* MSc, MPS
Douglas E. Moore, MSc PhD
Brian J. Rawson, BSc PhD, ARACI

Lecturers
Lorna G. Cartwright, BA MSc, MPS
David J. Cutler, PhD *Lond.* BPharm, MSc
Igor Gonda, BSc PhD *Leeds*

Senior Tutor
Elizabeth Yip, BSc BPharm *Wash. State*

Tutors
Christopher Burt, BSc *W.Aust*
Bonnie Buttler, BSc *Adel.*
Peter Duguid, BSc *N.S.W.*, MSc *Strath.*
Peter Gray, MSc *Macq.* BSc
Michael Ortiz, MSc *Macq.* BPharm
Greg Pearce, BPharm DipHPharm
Anthony Reeder, BSc *N.S.W.*
Erica Sainsbury, BPharm

Professional Officers Grade III
Ortwin Bode, DipPharm *Hamburg*
Warren A. Olsen, BPharm BCom *N.S.W.* MSc, MPS
John H. Vine, MSc PhD *Manc.*
Fred Wong, DipMedTech *S.T.C.* BSc

Physics

Professor and Head of the School of Physics
Harry Messel, CBE, BA BSc *Qu.* PhD *N.U.I.*, FAAAS
Appointed 1952

Professor of Physics (High Energy Nuclear Physics)
Charles Brian Anthony McCusker, DSc *Manc.*, MRIA
Appointed 1961

Professor of Physics (Astrophysics)
Bernard Yarnton Mills, AC, BSc DScEng, FRS FAA
Appointed 1965

Professor of Physics (Theoretical Physics)
Donald Blair Melrose, BSc *Tas.* DPhil *Oxf.*
Appointed 1979

Professor of Applied Physics
Richard Edward Collins, PhD *N.Y.* BSc
Appointed 1980

Professor of Physics (Plasma Physics)
Maxwell Howard Brennan, BSc PhD
Appointed 1981

Professor of Physics (Astronomy)
. . . . . .

Readers
John Davis, BSc PhD *Manc.*
Grahame H. Derrick, BSc PhD *Qld*
Michael I. Large, BA PhD *Camb.*
Hugh S. Murdoch, MSc PhD
Laurence C. Robinson, MSc *Adel.* BSc PhD

Associate Professors
John A. Lehane, BSc PhD
Alec G. Little, BSc *N.S.W.* MS *Stan.*
Donald D. Millar, BSc *St. And.* PhD *N.U.I.*
Lawrence S. Peak, BSc PhD
Murray M. Winn, PhD *Birm.* MSc

Director of First Year Courses
Brian A. McInnes, MSc PhD *Qld* BSc

Senior Lecturers
L. Roy Allen, BSc PhD *Manc.*
Ian M. Bassett, MSc PhD *Melb.*
Neil F. Cramer, BSc PhD
David F. Crawford, BSc PhD
Rodney C. Cross, BSc PhD DipEd
Ian S. Falconer, MSc *N.Z.* PhD *A.N.U.*
Geoffrey L. Harding, BSc *Melb.* PhD *Camb.*
Robert G. Hewitt, BSc PhD
Richard W. Hunstead, BSc PhD
Brian W. James, BSc PhD
Ian D. S. Johnston, BSc *Qld* PhD
W. Bruce McAdam, MSc *N.Z.* PhD *Camb.*
David R. McKenzie, BSc PhD *N.S.W.*
Robert R. Shobbrook, BSc *St. And.* PhD *A.N.U.*
Anthony J. Turtle, BA PhD *Camb.*

Lecturers
Colin J. Gordon, MSc *N.Z.*
James B. T. McCaughan, MSc PhD
Ian M. Sefton, MSc
William J. Tango, BS *Calif.* PhD *Colorado*
Juris Ulrichs, BSc PhD
Michael J. Yerbury, BSc *Lough.* PhD

Professional Officer Grade IV
G. Fergus Brand, MSc *Otago* PhD

Professional Officers Grade III
Andrew M. Bakich, MSc
Hendrik Bennis, BSc
John M. Durdin, BSc *Adel.* PhD *C'nell*
Laurence Horton, BSc *Lond.*
George C. Vorlicek, BSc PhD

Professorial Fellow
R. C. Grimm, BSc *Adel.* PhD *Flin.*

Honorary Associates
D. L. Jauncey, BSc PhD
R. N. Manchester, BSc *Cant.* PhD *N'cle(U.K.)*

Psychology

McCaughey Professor
Richard Annells Champion, MA *Iowa* BA, FASSA
Appointed 1965

Professors
Philip Ley, BA *Manc.* PhD *Liv.*DipPsychol *Lond.*, FBPsS
Appointed 1980

John Philip Sutcliffe, MA PhD, FASSA
Appointed 1966

Readers
Ian S. Curthoys, PhD *Monash* BA
Peter M. Wenderoth, MA PhD

Senior Lecturers
Dale M. Atrens, BA *Windsor* MA *Hollins Coll.* PhD *Rutgers*
Helen C. Beh, BA PhD *N.E.*
Brian D. Crabbe, BA PhD
Alan E. Craddock, BA PhD
V. Rae Hensley, BA *Qld* DipPsychol
David J. Ivison, BA DipPsychol
Eric G. Johnson, MA PhD
Patricia M. Lahy, PhD *Belf.* BA
Terence McMullen, BA PhD
John R. Maze, MA
William W. Pitty, BA DipClinPsych *W.Aust.*
Rex F. Porcheron, BA PhD
Lazar Stankov, MA *Belgrade* PhD *Denver*
Alison M. Turtle, MA
Michael B. Walker, BSc *W.Aust.* BA *Adel.* DPhil *Oxf.*

Lecturers
Penelope J. Davis, BA PhD *Qld*
Olga Katchan, BA
Cyril R. Latimer, BA PhD
Peter F. Lovibond, BSc PhD *N.S.W.*
Roslyn H. Markham, MA PhD
Joel B. Michell, BA PhD
George W. Oliphant, BA
John M. Predebon, BA PhD
Susan H. Spence, BSc *Rdg* PhD *Birm.*
Peter H. Wilson, BA PhD *N.S.W.*

Senior Tutor
Ann E. Snell, BA *Macq.*

Tutors
Barbara P. Black, BA
David A. Grayson, BA
Kerrie A. Pinkerton, BSc
Diana Sansom, MA MPsych *W.Aust.*
Antonietta Trimboli, BA
Stephen Wale, BA
Jeffrey B. Ward, BA
Molly P. Williams, BA
Raymond H. Williams, BA

Part-time Tutors
Stephen Cumines, BA
Graeme A. Galloway, BA
Saroja Srinivasan, MA *Madras* DAPClin *Liv.*

Field Supervisors — Master of Psychology
Wendy Bacon, BA *Rdg* MSc *Sur.*
Carl Bucovaz, MA *Melb.* DipEdPsych *Monash*
Gerald A. Casey, BA PhD *Mich. State*
Rocco D. Crino, BSc *N.S.W.* MPsychol
Eleanor M. Davidson, BBSc *LaT.* MPsychol
Carlie Dean, BA MPsychol
Jill Faddy, BA DipPsychol
Alan S. Habgood, BSc *N.S.W.* MPsych *W.Aust.* MPA *N.S.W.*
Julia Hackett, MA *Macq.*
Rosalyn Holgate, BA DipAppPsych *N'cle (N.S.W.)*
Megan N. Jones, MA DipPsychol
Ilja Kljajic, BA *N.S.W.* Dip Psychol
Mee Mee Lee, BSc DipPsych *N.S.W.*
Janet Loewy, MA *Melb.*
Jean-Michel Mazaleigue, BA *Macq.* MPsychol
Helen Newman, MA
Michael K. Nicholas, BSc *Otago* MSc *Auck.* MPsych *N.S.W.*
Patricia O'Sullivan, BA *Macq.*
Leon M. Parish, MA DipPsychol
Peter J. Rawling, BA DipPsychol
Reinhard W. Ronnebeck, BA *Wayne State, Mich.* MA PhD *Houston*
Norman C. Rowlands, BA DipPsychol
Lewis P. A. Rumiz, BSc *W.Aust* MA DipPsychol
Arthur Shores, MA *Melb.*
Frank N. Simpson, BA
Sherrill Spears, BA *W'gong* MPsych *N.S.W.*
Dianne H. Starkey, BSc *N.S.W.* MPsychol
Robyn L. Tate, MA MPsych *N.S.W.*
Stephen W. Touyz, BSc PhD *Capt T.* BSc *Witw.*
Richard Zee, BSc *N.S.W.* MA

Administrative Officers
Jeannette B. Deitch, BA
Peggy Hume, BA

Pure Mathematics

Professors
Gregory Maxwell Kelly, BA PhD *Camb.* BSc, FAA
Appointed 1973

Gordon Elliott Wall, BSc *Adel.* PhD *Camb.*, FAA
Appointed 1965

Readers
Donald W. Barnes, DPhil *Oxf.* BSc
Samuel B. Conlon, MA PhD *Camb.* BSc
Tzee-Char Kuo, BS *Taiwan* PhD *Chic.*
Gustav I. Lehrer, PhD *Warw.* BSc

Associate Professors
Terence M. Gagen, BSc *Qld* PhD *A.N.U.*
John M. Mack, BA *Camb.* BSc PhD

Senior Lecturers
John J. Cannon, MSc PhD
Donald I. Cartwright, PhD *Ill.* BSc

Koo-Guan Choo, BSc *Nan.* MSc *Ott.* PhD *Br.Col.*
Michael J. Field, BA *Camb.* PhD *Warw.*
Joseph Hammer, Dipl *E.L.Bud.* MSc
Philip B. Kirkpatrick, BA PhD
John R. McMullen, BSc *A.N.U.* PhD *Wash.*
Donald E. Taylor, MSc *Monash* DPhil *Oxf.*
Graham J. Tilly, BSc DipEd *Adel.* MSc
Robert F. C. Walters, MSc *Qld* PhD *A.N.U.*
James N. Ward, BSc PhD
Karl H. Wehrhahn, BSc *Alta* PhD

Lecturers
Geoffrey R. Ball, BA
Roger W. Eyland, PhD *Camb.* MSc
Gordon P. Monro, BSc *Monash* PhD *Brist.*
Nigel R. O'Brian, MA *Camb.* PhD *Warw.*

Senior Tutors
Mary S. Barnes, MA *Aberd.* DipEd *Syd.Teachers Coll.* MSc
Humphrey M. Gastineau-Hills, MSc PhD

Tutors
Catriona Glenton, MSc
Nicola A. Hoggard, BA *Well.*
Richard O. Josza, BSc *Monash* MSc DPhil *Oxf.*
Elizabeth A. Ormerod, BSc *N.S.W.* PhD *A.N.U.*
Leanne J. Rylands, BSc
John M. Sorrell, MA
Peter L. Trudinger, BA *A.N.U.* MS PhD *Stan.*

Programmer
James S. Richardson, PhD *Warw.* MSc

Research Affiliate
R. H. Street, BSc PhD

Other units

History and Philosophy of Science

Senior Lecturer
Ian G. Langham, BSc BA *Melb.* MA PhD *Prin.*

Ocean Sciences Institute

Director (part time)
Associate Professor G. H. Packham

FACULTY OF VETERINARY SCIENCE

Departments

Animal Husbandry

Sydney

Professor
Terence James Robinson, PhD ScD *Camb.* MScAgric *W.Aust.*, FAIAS FASAP
Appointed 1956

Reader
Donald M.Walker, BSc PhD *R'dg* MSc *Lond.* (*Animal Nutrition*)

Senior Lecturers
John R. Mercer, BSc *W.Aust.* PhD *Camb.*
Frank W. Nicholas, PhD *Edin.* BScAgr

Lecturers
Gareth Evans, BA *Oxf.* PhD
Christopher Moran, PhD *A.N.U.* BSc

Honorary Associates
Graham J. Faichney, MScAgr PhD
Rex J. Scaramuzzi, BScAgr PhD
Alan L. C. Wallace, BSc *Melb.*

Research Affiliate
John R. Parks, MS *Case Reserve*

Camden

Professor
Ernest Frank Annison, PhD DSc *Lond.*, FRSChem
Appointed 1974

Reader
Jane M. L. Leibholz, DAgrSc *Melb.* MS PhD *Iowa*

Associate Professor and William McIlrath Fellow
Neil W. Moore, MAgrSc *Melb.* PhD *Camb.*

Associate Professors
Derick Balnave, BSc PhD *Belf.*, FRSChem
Roy C. Kellaway, BSc(Hort) *Lond.* PhD *N.E.* DTA *W.I.*

Garland Senior Lecturer
Bevan G. Miller, BVSc PhD

Senior Lecturers
James M. Gooden, BAgSc *Adel.* PhD
Graham H. McDowell, BAgrSc *Melb.* PhD

Lecturer
Wayne L. Bryden, MRurSc DipEd *N.E.* PhD

Veterinary Anatomy

Professor
Rex Milton Butterfield, PhD DVSc *Qld* MVSc, FACVSc
Appointed 1966

Associate Professor
Brian R. H. Farrow, BVSc PhD, FACVSc

Senior Lecturers
Paul R. Hopwood, DipTertEd *N.E.* BVSc PhD
Patrick H. McCarthy, BVSc PhD *Qld* DrVetMed *F.U. Berlin* MVSc

Tutors (part time)
Rhonda Canfield, BVSc
Gisela Lotter, Drmedvet Munich

Professional Officer Grade IV
Raymond Bullock, DipMT *A.I.M.T.*, AAIMLS

Research Affiliate
V. E. Osborne, BVSc, MACVSc

Veterinary Clinical Studies

Camden

Professor
John Ross Egerton, BVSc *Qld* DipBact *Lond.*, MACVSc MASM
Appointed 1972

Associate Professor and Superintendent of the Rural Veterinary Centre
David R. Hutchins, BVSc, MACVSc

Associate Professors
Trevor J. McClure, BVSc PhD, MACVSc
Berislav Sinkovic, DrMedVet *Giessen* PhD, MACVSc

Senior Clinical Instructor
Ronald H. J. Hyne, BVSc, MACVSc

Senior Clinical Veterinary Pathologist
Kenneth G. Johnston, DipBact *Lond.* BVSc, MACVSc MASM

Senior Lecturers
Anthony W. English, BVSc *Qld*, MACVSc
Kevin G. Haughey, BVSc, MACVSc
Robert J. Love, PhD *Brun.*, MVSc, MACVSc
Robert J. Rawlinson, BVSc DipVetRad, FACVSc

Clinical Residents
S. McClintock, BVSc DipVetClinStud (temporary)
S. Page, BVSc DipVetClinStud (temporary)

Professional Officer Grade III
Evan E. Lepherd, FAIMLS FACBS

Professional Officer Grade II
Noel F. Jones, AAIMLS

Sydney

Professor
Marshall John Edwards, MVSc *Liv.* PhD DVSc, MRCVS MACVSc
Appointed 1975

Associate Professor and Superintendent of the Veterinary Hospital and Clinic
John M. Keep, BVSc, MRCVS MACVSc

Associate Professors
Christopher R. Bellenger, BVSc PhD, FACVSc MRCVS
A. David J. Watson, BVSc PhD, FAAVPT FRCVS MACVSc

Senior Lecturers
Phillip E. Davis, MVSc, MRCVS
Jan E. Ilkiw, BVSc PhD DipVetAn, MACVSc
William L. Porges, HDA *Hawkesbury Agric. Coll.* DipEd(Tert) *Darling Downs I.A.E.* BVSc PhD, MRCVS
Reuben J. Rose, BVSc PhD DipVetAn, MACVSc MRCVS
Andrew K. W. Wood, PhD *Melb.* MVSc DipVetRad, FACVSc

Lecturers
David B. Church, BVSc PhD
Kenneth A. Johnson, MVSc, MACVSc

Tutor
Kathryn A. Brock, MS *Ill.* BVSc DipVetAn

Professional Officer Grade II
Robert A. Waters, DipMT *A.I.M.T.*, AAIMLS AAIST

Honorary Associate
C. R. Howlett, BVSc PhD, MRCVS MACVSc

Veterinary Pathology

Hughes Professor
Clifford Harold Gallagher, PhD *Lond.* DVSc, FACVSc FRCPath
Appointed 1966

Associate Professors
Daria N. Love, BVSc PhD, MRCPath MASM
Terence L. W. Rothwell, BVSc PhD, MACVSc
J. Margaret Sabine, MSc *Melb.* PhD *Lond.*, MASM

Senior Lecturers
Paul J. Canfield, BVSc PhD
G. Henry Collins, BVSc *Brist.* PhD *Massey*, MRCVS

Lecturer
Linda Herbert, BVSc

Tutors
Deborah J. Middleton, MVSc DipVetClinStud
C. Oxenford, BVSc

Professional Officer Grade III
Rex Paris, AAIMLS

Professional Officers Grade I
David L. Griffin, AAIMLS
Jindrick Raus, BSc *W'gong*

Veterinary Physiology

Professor
Donald Alexander Titchen, MA PhD ScD *Camb.* BVSc
Appointed 1979

Readers
Ian C. A. Martin, BVSc PhD, FRCVS MACVSc
Ian G. White, PhD DSc

Associate Professor
Grant M. Stone, BScAgr PhD

Senior Lecturer
Angus A. Gidley-Baird, BSc *A.N.U.* PhD

Lecturer
Lindsay H. Heywood, BVSc PhD *Qld*

Tutors
Jonathon Curlewis, BVSc *Qld*
Gemma M. O'Brien, BSc

Professional Officer Grade IV
Ronald M. Penn, DipMT *A.I.M.T.*, AAIMLS FRMS FACBS

Emeritus Professor
C. W. Emmens, PhD DSc *Lond.*, FSS FIBiol HonFACVSc FAA

Other units

Animal Houses

Director
W. Graeme Cotton, DVSM *Edin.* BVSc PhD

University Farms

Director (Camden)
Elizabeth E. Kernohan, MScAgr PhD

Teaching and associated staff

Other than faculty

Department of Adult Education

Acting Director
Alan T. Duncan, OAM, BA MEd DipEd DipAnth

Senior Lecturers
Richard H. Carmichael, MA *Oxf.*
Anthony A. King
Derek G. Peat, BA *York (U.K.)* MA

Assistant to the Director
Daryl L. Douglas, BA BEd DipEd *Qld (Extension Programmes)*

Lecturers
Wayne M. Hooper, BA *Tas.*
Laurice Penfold, BA DipSocStud *Melb.*
John L. Rivers, BA *Well.*

Continuing Education Programme Lecturers and Discussion Group Tutors (part time)
Albert D. Albani, DrGeolSci *Florence* MSc PhD *N.S.W.*
Penelope M. Allison, BA *Cant.*
Joan W. Allsop, AO, MA BEd *Qld* EdD *Col.*
Donald Anderson, BA PhD
Donald T. Anderson, PhD, DSc *Lond.*, FRS
Janet E. Anderson, BA
Donald Archbold, BA *N.E.* BEc DipEd
Daphne E. Arnold, DME *N.S.W. State Cons. Music*
Antony Basten, MB BS *Adel.* DPhil *Oxf.*, FRCP FRACP FRCPA FTS
Juliette Bentley, BA
Joyce G. Billing, DipMus *Auck.* BMus, LTCL LRSM
Fritz Buchler, BA *N.S.W.*
Andrew Chan, MA *Well.* MA *A.N.U.* PhD
Margaret E. Collison, MA BD
Bruce T. Coram, BA *Tas.*
Sheena Coupe, BA *N.S.W.* DipEd, ALAA
David J. Crawford, BA
Roslyn Crichton, DipPharm *Melb.* BA
Alan D. Crown, MA *Leeds* PhD
A. Madge Dawson, MA *Adel.* DipSoc Stud *Lond.*
Mary De Jose, BA *Manhattanville Coll., Purchase, N.Y.* MS *Adelphi, Garden City, N.Y.*
John D. Dixon, BA
Charles M. Ebert, BA
Christine M. Eslick, PhD *Bryn Mawr* BA
Olga Feingold, BA DipEd *Harbin* MA, ASCEH
Charles R. Foley, BA *Immac.Conc.Seminary, Lib.Arts Coll., Missouri* MSc *Suffolk, Boston*
Geoffrey A. Fox, BA, MAPsS
Sarah E. Gan, BA DipLib *N.S.W.* MA
Fiona J. Garrood, BA *Leeds*
Penny Gay, BA *Melb.* PhD *Lond.* MA
Joseph Gershevitch, BA *Shanghai* MA *Melb.*
Giulia A. Guiffré, DPhil *Oxf.* BA
Adele C. Glovasky, MA
David C. Griffiths, MA MEd
Paul J. Hager, BSc BA
Andrew W. Hamilton, MA *W.Aust.*
Susan Harbutt, BA
Christine L. Harcourt, BA *Sus.*
Monika Hauber, BA *Brigham Young* MA *Rutgers*
Drago Heler, BA
Warwick Hirst, MA LLB
Brian C. Hodge, BA
M. Peter Hoffman, MA *Essex* BA DipEd
H. Clifford Houldsworth, BA
J. Mark Howard, BA DipEd
Robert F. Howard, BA *N.E.* PhD *A.N.U.*
Peggy R. Hume, MA
Paul C. Hyland, BA PhD
Van G. Ikin, BA PhD
R. Ian Jack, MA *Glas.* PhD *Lond.*, FRHistS
John H. Jenkins, BA, MAPsS
R. F. Soames Job, BA
Ian D. S. Johnston, BSc *Qld* PhD
Trevor J. Keighley, MA
David Keith, BSc
Ralph R. Kensett, MA *N.S.W.* BA
Joyce Kirk, LittB *N.E.*BA DipEd, ALAA
Axel Kruse, BA DipEd *W.Aust.* MA *Tas.*
Maren Krysko, BSc GradDip *N.S.W.*, AMAustMM
Rama Amritmahal Laws, BA DipLib *Bombay* MA *Calcutta*
Judith A. Lee, BSc
Robyn J. Lenn, AMus LMus *A.M.E.B.* LTCL *Lond.*
Terence R. Lindsey
Carol A. Liston, BA PhD
Gerhard C. Lowenthal, BSc BA DipPubAdmin *Melb.* MSc PhD *N.S.W.*
Marian E. Macaulay, BA MEd, MACE
Aedeen C. C. Madden, MA *Dub.* PhD
Duncan McEvoy, MSc
Arthur McMartin, PhD *Lond.* MEc MEd
Peter Masefield, BA PhD *Lanc.*
Kenneth R. Matthews, MA DipCrim
Gregory C. Melleuish, BA
Arthur R. Meyer, BArch
Lois Meyer, BA DipEd *N.S.W.*
David P. Millar, MA *Cant.*, FRSA
Margery F. Miller, BSc MA
Janell A. Mills, BA *Qld* PhD *Lond.*
Jane C. Mowatt, BSc PhD
David T. Muscio, BA DipEd *N.S.W.* MA MEd
Fay W. Newman, BA
Peter J. F. Newton, BA *Macq.*
Roger P. Nurse, MSc DipEd
Mary K. Oakes, BA *N.E.* BD
John W. O'Byrne, BSc
Michael W. B. Orange, BA *Camb.* MA *N'cle(N.S.W.)* PhD
Richard L. Parker, MA MAPsS
Roy Pateman, BScAgEcon *Nott.* CertEd *Lond.* MPhil *Rdg*
Belinda Pellow, DipApplSc(Ag) *Wagga Agric. Coll.*
Meryl A. Potter, BA DipEd
Carol M. Powell, BA *Manc.*
Frances J. Powell, BA *Macq.* BA
Letitia C. Proctor, BEc

OFFICERS

Alena Rada, BA
Alan M. S. Roberts, BA PhD
Hazel Rowley, BA PhD *Adel.*
Barry Russell
Suzanne D. Rutland, MA DipEd
Gregory See, BSc *N.S.W.*
I. Sheila Sharp, BA DipEd
John H. Shaw, MSc DipEd, FRGS
Linda A. Shboul, BA *Lond.*
Kenneth A. Sheedy, BA
Peter Slezak, BA *N.S.W.* MPhil *Col.*
Roy C. Stannard, MA
Leslie Stein, MSc PhD *Lond.*
Kim Sterelny, BA PhD
John L. Styan, BA *Lond.* MA *Camb.*
Keith D. Suter, BA *Sus.* PhD
Alison Tennant, MA
Barbara E. Thiering, BA *Lond.* TheolM *M.C.D.* BA PhD DipEd
Gregory J. Tillett, BA *W.Aust.* DipLibS *W.A.I.T.*
Jennifer M. Tobin, BA *Melb.* DipEd *N.E.*
Peter G. Towson, MEngSc *N.S.W.* MSc *Camb.* BA PhD
Antony J. Underwood, BSc PhD *Brist.*
Ray S. Walters, MA
Una J. Wilkins, MA DipEd
J. Lascelles J. Wilson, BA *N.Z.*
Judith Winternitz, BA PhD
Alec E. Wood, PhD *N.S.W.* BScAgr
Antoinette G. Wyllie, BA

Studies centres

Asian Studies Centre

President
Dr C. T. Wu (Town and Country Planning)

Secretary
Mr Henry Chan

European Studies Centre

Director
Dr Lyndel V. Prott (Jurisprudence)

Assistant Director
Dr John Ravenhill (Government and Public Administration)

Secretary
Dr Maria Shevtsova (French Studies)

Treasurer
Dr Robert Aldrich (Economic History)

Marine Studies Centre

Director
Professor G. M. Philip (Geology and Geophysics)

Executive
Professor D. T. Anderson (Biological Sciences)
Dr I. S. F. Jones (Geology and Geophysics)
Professor H. Messel (Physics)
Associate Professor G. H. Packham (Geology and Geophysics)
Associate Professor C. V. G. Phipps (Geology and Geophysics)
Associate Professor P. F. Sale (Biological Sciences)
Dr A. D. Short (Geography)
Dr T. Wood (Chemical Engineering)

Foundations

Accounting and Finance Foundation
First office-bearers yet to be elected.

Chemical Engineering Foundation
Chairman
Mr B. Rathborne

Deputy Chairman
Mr R. J. McTaggart

Director
Professor R. G. H. Prince

Executive Officer
Mr T. Savage

Civil and Mining Engineering Foundation
Chairman
Mr R. P. R. Chadwick

Director
Professor D. Campbell-Allen

Administrative Officer
Mr I. Bowie

Dairy Husbandry Research Foundation
Chairman
Mr D. A. Ferguson

Deputy Chairman
Mr M. Mead

Director
Professor T. J. Robinson

Secretary
Mr C. Morbey

Dental Health Education and Research Foundation
President
Dr G. G. Craig

Vice-Presidents
Mr K. R. Powell
Mr N. T. Wright

Executive Director
Mr J. M. Woolley

Financing Director
Mr J. H. Bowden

Earth Resources Foundation
Chairman
Mr C. R. Longworth

Deputy Chairman
Mr P. C. Dunn

Director
Professor G. M. Philip

Administrative Officer
Mr M. Lennox

Electrical Engineering Foundation
First office-bearers yet to be elected.

Foundation for Inorganic Chemistry
Chairman
Mr A. Boden

Director
Professor H. C. Freeman

Frederick May Foundation for Italian Studies
Chairman
Mrs A. Lussu

Deputy Chairman
Mr L. Borla

Director
Professor G. Rizzo

Honorary Secretary
Mrs B. McGilvray

John Power Foundation for Fine Arts
Chairman
Mr M. Sinclair

Director
Professor V. M. Spate

Medical Foundation
President
Sir Robert Crichton-Brown

Honorary Secretary
Mr D. B. Taberner

Nutrition Research Foundation
Chairman
Mr N. A. Whiffen

Director
Professor A. S. Truswell

Pharmacy Practice Foundation
Chairman
Mr W. J. Wilkinson

Deputy Chairman
Mrs V. Richardson

Director
Professor T. R. Watson

Executive Officer
Associate Professor R. E. Thomas

Planning Research Centre
Chairman
Mr A. Hayes

Director
Professor S. Domicelj

Postgraduate Committee in Veterinary Science
Chairman
Professor M. J. Edwards

Vice-Chairman
Associate Professor J. M. Keep

Director
Mr T. G. Hungerford

Associate Director
Mr D. I. Bryden

Postgraduate Foundation in Veterinary Science
Chairman
Mr A. T. Reid

Director
Mr T. G. Hungerford

Associate Director
Mr D. I. Bryden

Poultry Husbandry Research Foundation
Chairman
Mr B. S. Bains

Deputy Chairman
Mr D. J. Ebbott

Director
Professor T. J. Robinson

Secretary
Mr C. Morbey

Science Foundation for Physics
Chairman
Mr R. J. Kirby

Deputy Chairman
Mr J. R. Slade

Director
Professor H. Messel

Secretary
Miss R. Knight

Warren Centre for Advanced Engineering
Chairman
Mr K. O. Brown

Deputy Chairman
Mr N. Chidgey

Executive Director
Professor R. W. Bilger

Executive Officer
Mr E. S. Swinbourne

Academic services

Centre for Teaching and Learning
Director
Michael J. Dunkin, PhD *Qld* BA

Senior Lecturer
Jacqueline R. Lublin, BA BEd *Melb.* MEd *LaT.*

Lecturer
Michael T. Prosser, BSc DipEd *Tas.* BEd *W.Aust.* MAppSc *W.A.I.T.*

Electron Microscope Unit
Director
David J. H. Cockayne, MSc *Melb.* DPhil *Oxf.*, FAInstP

Senior Electron Microscopists
Guy C. Cox, MA DPhil *Oxf.*
Clive E. Nockolds, BSc *W.Aust.* DPhil *Oxf.*
Maret L. Vesk, BSc PhD

Professional Officer Grade II
Oen B. Tio, BE *N.S.W.*

Professional Officer Grade I
Ian J. Kaplin, MSc PhD *N.S.W.* BScChemEng

Language Study Centre
Director
Alex E. McAndrew, BA DipEd

Sample Survey Centre
Director
Terence W. Beed, BA PhD, FIS

Senior Survey Research Officer
Laraine D. Hayes, MEc

Museums

Nicholson Museum of Antiquities

Honorary Curator
Professor Alexander Cambitoglou, BA *Thessaloniki* MA *Manc.* PhD *Lond.* DPhil *Oxf.*, FAthensArchaeolS FAHA FSA CorrMGerman ArchInst CorrMAthensAcad

Museum Assistant
Catherine A. Lawler, BA *Radcliffe Coll.*

Conservator
Patricia A. Johnson

Macleay Museum

Committee of Management
Professor Michael G. Taylor, MD BS *Adel.* PhD DSc *Lond.*, FRACP (Chairman)
Bursar
Head of the School of Biological Sciences
Challis Professor of Biology
University Archivist
Director of the Macleay Museum

Director and Curator
Peter J. T. C. Stanbury, BSc PhD *Adel.*, AMAA

Museum Assistants
Alan B. Davies, BSc(For) *A.N.U.*
Lydia T. Bushell

Wilson and Shellshear Museums

J. T. Wilson Museum of Human Anatomy and J. L. Shellshear Museum of Comparative Anatomy and Physical Anthropology
Curator
Kenneth C. Parsons, DipMT *A.I.M.T.*, FAIMLS

Museum of Pathology

Curator
Graeme L. Morrison, DipMT *A.I.M.T.*, AAIMLS

War Memorial Gallery of Fine Arts

Officer-in-charge
Peter J. T. C. Stanbury, BSc PhD *Adel.*, AMAA

Veterinary Anatomy Museum

Honorary Curators
Professor Rex M. Butterfield, PhD DVSc *Qld* MVSc, FACVSc
Raymond Bullock, DipMT *A.I.M.T.*, AAIMLS

Power Gallery of Contemporary Art

Curator
Bernice L. Murphy, BA *Melb.* (shared appointment)
Leon F. Paroissien, BA *Melb.* (shared appointment)

Dental Alumni Society Museum

Curator
Sydney Levine, MDS, FRACDS

University of Sydney Library

University Librarian
Neil Anthony Charles Radford, AM PhD *Chic.* DipLib *N.S.W.* BEc, FLAA

Deputy Librarian and Associate Librarian (Technical Services)
Barbara I. Troy, DipLib *N.S.W.* BA, ALAA

Associate Librarian (Reader Services)
Joan E. Barry, BA *Qld*, ALAA

Librarian in Charge, Branch and Departmental Libraries
Judith W. Waterer, MA *Sheff.* BA, ALAA

Fisher Library

Librarians

ADMINISTRATION LIBRARIAN
Catherine Tweedie, BA(OS) *A.N.U.* GradDipLib *C.C.A.E.*, ALAA

CATALOGUING
Wendy E. R. Holmes, BA, ALAA (in charge)
Glynis D. Burnett, BA *Natal* DipLib *Stell.*, ALAA
Joseph S. Buttigieg, MA *Malta*, ALAA
Vera Cooks, BA *Bud.*, ALAA
Francine J. Green, BA *Flin.*
Pamela W. Green, DipLib *N.S.W.* BA, ALAA
Charles Palmier, DD *St Thomas Aq.* DipLib *N.S.W.*, ALAA
Elizabeth A. Peacock, BA
Graham B. Sellwood, MA *Lond.*, ALAA
Barbara M. Wilson, BA, ALAA

CIRCULATION
. . . . . .

ORDERS
Louise Watters, DipLib *N.S.W.* BA (in charge)
Bruce Bradley, MA *Macq.* Dip.Lib. *N.S.W.*, ALAA

ORIENTAL LIBRARY
Professor A. R. Davis, MA *Camb.* (*Honorary Curator of Oriental Collections*)
T. Kobayashi, BA LLB *Tokyo* (*Oriental Bibliographer*)
Kathleen Cherry, BA, ALAA

RARE BOOK LIBRARY
. . . . . .

RESEARCH LIBRARY
Marea L. Terry, BA, ALAA (in charge)
Barbara J. Brady, BA *Melb.* MLS *Peabody* DipLib *N.S.W.*, ALAA
Ian B. Duncan, BA, ALAA
Philomena Lapsley, BA DipLib *N.S.W.*, ALAA
Pamela J. Leuzinger, BA *Monash* DipLib *N.S.W.*
Magdalen Lee, DipLib *N.S.W.* BA, ALAA
Ann R. Light, BA *Manc.* DipLib *N.S.W.*, ALAA
Meryl R. Pannaci, BA, ALAA
Marlene-Christobel Wescombe, DipLib *N.S.W.* MA, ALAA

SEARCHING
Christine C. Wells, DipLib *N.S.W.* BA, ALAA (in charge)
Rosalind T. Walters, DipLib *N.S.W.* BA

SELECTION AND COLLECTION BUILDING
Jennifer M. E. Alison, BA, ALAA (in charge)
Pauline Dickinson, BA, ALAA
Beresford F. Symons, DipLib *N.S.W.* BArch, ALAA

SERIALS
M. Joanne Threlfall, DipLib *N.S.W.* BA, ALAA (in charge)
Patricia M. Conder, BA, ALAA
Carolyn M. Kearney, BA DipLib *N.S.W.*, ALAA
Bernadette T. Small, BA *Qld*, ALAA
Rosalyn R. Taylor, DipLib *Kuring-gai C.A.E.* BA
Patricia Waugh, BA, ALAA
Jurgen P. Wegner, BA *Macq.*, ALAA

SPECIAL PROJECTS
Mozelle Isaac, BA DipLib *Calc.*, ALAA (in charge)
Cherin M. A. Sauterel, BA *N.E.*, ALAA

SYSTEMS OFFICE
John Pittard, BSc *N'cle*(N.S.W.) (in charge)
Paul R. Gilet
W. Stewart McKendrick, BSc *N'cle (N.S.W.)*

UNDERGRADUATE LIBRARY
Catherine M. Sexton, DipLib *N.S.W.* BA, ALAA (in charge)
M. Elizabeth Carey, BA *Macq.*, ALAA
Philip Dixon, BA *Macq.*, DipLib *N.S.W.*, ALAA
Irene L. Rossendell, BA *Qld* DipLib *N.S.W.*, ALAA

Branch libraries

Librarians

BADHAM
Dawn E. Talbot, BA *Monash* DipLib *N.S.W.*, ALAA

CURRICULUM RESOURCES UNIT
Rita Landa, DipLib *N.S.W.* BA DipEd, ALAA

ECONOMICS (WOLSTENHOLME)
Gloria E. Muir, DipLib *N.S.W.* BA

ENGINEERING
Joan P. Morrison, BA MSLS *Western Reserve*, ALAA

LAW SCHOOL
Margaret H. McAleese, BA *Monash* LLB *A.N.U.* DipLib *N.S.W.* (in charge)

Sarah Bishop, BA *N.S.W.* GradDipLib *Kuring-gai C.A.E.*
Alice C. Rockwell, BA *N.S.W.*, ALAA

MEDICAL
Gwendoline M. Rafferty, BA *N.E.*, ALAA (in charge)
Robin Cahill, BA, ALAA

Other library staff in charge of branch libraries
ARCHITECTURE
Frances D. Stark, BA, ALAA

BURKITT (MEDICINE)
Ruby Faris

CAMDEN FARMS
Nolene R. Baker, BA

DENTISTRY
Joan S. Thwaite, BA

GEOGRAPHY
Muriel McInnes

GEOLOGY
Stephen J. Cozens, BSc *Macq.*

MATHEMATICS
. . . . . .

MUSIC
Alice Taylor, DME *N.S.W. State Cons. Mus.*

PHYSICS
David N. Sinfield

Note: Other departmental libraries are staffed from within the department concerned.

Administration[1]

Office of the Registrar

(Mr Keith Jennings)

Associate Registrar
Philip Westlake, BEc (on secondment to the Centenary Institute of Cancer Medicine and Cell Biology)

Deputy Registrars
Arthur J. Mason, BA MEd DipEd
Maxwell C. Schroder, MA *N.E.*, FAIM
Donald B. Smart, BA MEd

Assistant Registrars
Charles S. Davidson, BSc *Edin.*
Peter R. Dodd, BA *N.S.W.*
Valda M. Jones, BA
Richard R. Prentice, BA
Robert L. Stead, BA
Barry R. Tinkler, MBE, BA *LaT*

Archivist
Kenneth E. Smith, BA *Macq.* DipArchivesAdmin *N.S.W.*

Senior Administrative Officers
Janet V. Dobbin, BA
Christopher Edye, BA
T. J. Herlinger, BEc
Judith F. D. Holliday, MA
G. A. Neil, BA DipEd
Christine F. Samojluk, BA
Jeremy M. Steele, BA *Keele*
Geoffrey J. Woods, BA *Monash*

Administrative Officers
David I. G. Bowan, BA
Anne M. Bryant, BA
John Buchanan, LLB *Auck.*
Ann Casimir, DipEd *Syd. Teach. Coll.* BA
Elizabeth Egan, DipEd *Syd. Teach. Coll.* BA
Timothy Evans, BSc *N.S.W.*
Lyn Harrison, BA *A.N.U.* DipEd *Syd. Teach. Coll.*
Janferie M. Howlett, BA
Robert A. Jackson, BA(Mil) *N.S.W.*, AAIM
Robert Jeffs, BA *Waterloo Lutheran University*
Myra Katz, BA
Daphne G. Johns, BA DipEd

[1] For Principal Officers of the University see page 15.

Elizabeth F. Linley, BA
Alexander Low, LLB *N.S.W.I.T.*, BEc DipLab Relations and the Law
Kathleen M. McGovern, BA
Patricia Miller, BSc PhD *Manc.*
Patricia M. Neil, BA
Raymond J. Patman, MA BEc
Mary Pelling, BA *Macq.*
Robert T. Pollock, BCom *Melb.*
Erica R. Ring, MA
Merrilee R. Robb, MA *Lond.* BA DipEd
Noel E. G. Rogers, MA
Thomas F. Rubin, MA *Ohio* BA DipEd
Margaret Sager, BA *Keele*
Roderick L. Tindall, BA
Jennifer M. Turner, MPIMA
Inger H. Urban, DiplKorr *Swedish School of Econ.*
Hugh V. Wilson, BEc

Staffing Officer
A. E. Shave, MBE QPM CPM

Administration Data Processing Manager
Peter K. Buckman, AASA(Snr) MACS

Assistant Manager
Jeffrey R. Balkwill, DipTechnology (Information Processing) *N.S.W.I.T.*, MACS

Systems Analyst
Parvez D. Marshall, BCom *Bombay*

Senior Programmer
William M. Ewing, BEc

Housing Officer
Anne L. Peek

Office of the Bursar

(Mr S. B. M. Harrison)

Accountant
Ian A. Ramage, BEc, FASA FCIS

Legal and Industrial Officer
Lynton T. Bond, LLB

Executive Officer
William G. Hamilton, BEc

Property Officer
Kenneth R. McInnes, BEc DipTCP (to retire December 1983)

Deputy Accountants
Michael L. Bannigan, BEc BA, AASA ACIS
John M. Williams, BEc, AASA

Assistant Accountants
Harry J. Linsell, BEc, AASA ACIS (Systems and Training Officer)
Colleen M. Sherwood, AASA

Internal Auditor
Anthony J. Lloyd, BCom *N.S.W.*, AASA

Security Superintendent
Geoffrey Dove, AAIM

Assistant Internal Auditor
Jay Bastianpillai, MSc *Lond.*, FCA *Sri Lanka* FCMA

Security Systems Officer
Robin I. G. A. McInnes

Assistant Property Officer
Grant F. Fulton, AASA(Snr) ACIS

Senior Administrative Officers
George G. Sherwood, ASTC *Syd.Tech.Coll.* (Purchasing Officer)
Geoffrey B. Stowell, BEc, AASA (Special Projects Officer)
Alan K. Tunks, AASA (Systems and Procedures Officer)
James W. Young, AASA (Senior Relieving Officer)

Administrative Officers
F. M. Atkinson, BA
Beverley Brown
John S. Buggy, AASA (Divisional Accountant, Investments)
Paul Deschamps, BA *Macq.*, AASA
Peter J. Hewson, BEc, AASA
Paul Hoffmans, BCom *N.S.W.*
Neville R. Howell
Kenneth D. Horne
Charles B. Hughes, BEc, AASA (Administrative Officer Salaries)
Andrew T. Kuti, BEc, AASA ACIS (Divisional Accountant 2 and 4)
Paul Leotta, BBus *N.S.W.I.T.*, AASA
Warwick R. Lovatt
N. K. Macnamara, AASA(Snr) ACIS (Stores Officer)
Warren J. McLeod, AASA ACIS (Divisional Accountant 1 and 3)
Kenneth R. Matthews, MA DipCrim
Brian J. Mitchell (Divisional Accountant 6)
Kevin J. Morris, BCom *N.S.W.*, AASA
Ronald E. Stacey, AASA
Archibald R. Watts, BScAgr LLB
William A. Whitfield, BCom *N.S.W.*, AASA
Douglas W. Whitehouse
Denis W. Wood, AASA

Photography, Officer in Charge
Harold T. Brown

University Printing Service, Officer in Charge
Roger W. Millington

Statistics Officer
Rosemary E. Sceats, BSc DipEd *Qld*

Yeoman Bedell
Leslie M. McGregor

Office of the Deputy Vice-Chancellor

(Professor M. G. Taylor)

Executive Architect
Robert C. Bland, BArch, ARAIA

Architect Planner
Maxwell W. Jackson, DipTCP, FRAIA ARIBA

Officer of Works
R. Philip Westwood, BCom *N.S.W.* ASTC *S.T.C.*, AAIB

Senior Administrative Assistants
Richard C. Clarke, BE MEngSc, MIEAust MIEEE
Douglas S. Maclennan, BSc

Architects
K. C. Joe, BArch *Auck.*, ANZIA ARIBA
Norman M. Johnson, BArch, ARAIA
John E. P. Koh, ARIBA ARAIA
Colin G. McGilvray, BArch *N.S.W.*, ARAIA ARIBA

Services Engineer
Alan L. Williams, DipMechEng *S.T.C.* DipBdgSc

General services

Animal Houses
W. Graeme Cotton, DVSM *Edin.* BVSc PhD

Careers and Appointments Service
Director, and Secretary to the Appointments Board
Steven J. Rawling, MEd *C.C.A.E.* BA DipEd

Assistant Directors
Megan Bolan, BA DipEd *Macq.*
Philip J. Coyte, BEc
Deborah Marr, BAgr

Information and Research Officer
Alan J. Jacobs, BA *N.S.W.*

Counselling Service
Director
Clive Williams, BA BEd *Qld* PhD *Iowa*, FAPsS

Counsellors
John S. Chapman, BSc *N.S.W.* BA
Daphne I. Degotardi, BA DipSocStud
Josephine S. Gaha, MSocStud
Robert McElhose, BA *Bethany Coll.* MA *Oklahoma State* PhD *Mich. State*
Thomas Pepe, BA *Long Is.* MA *Macq.*

Information Services
Director
Neville Petersen, MA

Administrative Officer
Thomas W. Gosling, BA *A.N.U.*

Journalists
Susanne Coleby, BA *N.E.*
Mark Wolff

Student Health Service
Director
T. Douglas Wilkins, MB BS

Medical Officers
Philip T. Brown, MB BS
Marilyn J. Dyson, MB BS
Amr I. Marzouk, MB BS
Leslie P. Miller, MB BS
Phillipa E. Rickard, MB BS

Television Service
Director
Andrew B. Greig, MA *Camb.* and *Syd.*

Head of Production
James R. Dale

Head of Operations
Peter Ellis

Head of Engineering
Ian Robertson

Producers
Graham Wilson
Colin Hawke, BSc *Loughborough*
Peter Clarke

Senior Graphic Artist
Peter B. Elliott

Theatre Workshop
Drama Director
Derek Nicholson

Artist-in-Residence
Eamon D'Arcy

University Computing Centre
Manager
Michael M. B. Sidhom, BSc *Alexandria*

Senior Systems Analyst
Brian G. Rowswell, BE *Melb.* MEngSc

Professional Officer
William Trotter, DipTertEd *N.E.* BA

Independent operations

International House
Director
Graeme E. de Graaff, MA *Melb.* BPhil *Oxf.*

Deputy Director
Roger W. Wescombe, BA MEd

Assistant Director
Julia Arnold, MB BS BSc(Med)

Seymour Theatre Centre
General Manager
Robert Love, BA *N.S.W.*

Sydney University Press
Director, and Secretary to the Press Board
David New

Assistant Editor
Lesley J. Glaysher, BA

Esquire Bedell
The Hon. Frederick M. Osborne, CMG DSC and Bar, VRD, BA LLB

University Auditor
John N. Miles, BEc, FCA

University Carillonist
John D. Gordon, DSCM *N.S.W.S.C.M.* MA DipEd, LRSM

University Organist
Norman Johnston

University Solicitors
Minter Simpson & Co.

Senior officers of the University since its establishment

Visitors

The Governor of New South Wales for the time being is *ex officio* Visitor of the University.

1850 His Excellency Sir Charles Augustus Fitz Roy, KCB KH
1855 His Excellency Sir William Thomas Denison, KCB
1861 His Excellency the Right Hon. Sir John Young, Bart. GCMG KCB
1868 His Excellency the Right Hon. The Earl of Belmore
1872 His Excellency Sir Hercules George Robert Robinson, GCMG
1879 His Excellency the Right Hon. Lord Augustus W. Loftus, GCB
1886 His Excellency the Right Hon. Charles Robert, Baron Carrington, PC GCMG
1891 His Excellency the Right Hon. Victor Albert George Child Villiers, Earl of Jersey, GCMG
1893 His Excellency the Right Hon. Sir Robert William Duff, PC GCMG
1895 His Excellency the Right Hon. Henry Robert, Viscount Hampden
1899 His Excellency the Right Hon. William Lygon, Earl Beauchamp, KCMG
1902 His Excellency Vice-Admiral Sir Harry Holdsworth Rawson, GCB
1909 His Excellency the Right Hon. Frederick John Napier, Baron Chelmsford, GCMG CB
1913 His Excellency Sir Gerald Strickland, Count della Catena, GCMG
1918 His Excellency Sir Walter Edward Davidson, KCMG
1924 His Excellency Sir Dudley de Chair, KCB
1930 His Excellency Air Vice-Marshal Sir Philip Woolcott Game, GBE KCB DSO
1935 His Excellency Brigadier-General the Hon. Sir Alexander Gore Arkwright Hore-Ruthven VC KCMG CB CMG DSO
1936 His Excellency Admiral Sir Murray Anderson, KCB KCMG MVO
1937 His Excellency the Right Hon. John De Vere Loder, Baron Wakehurst, KCMG
1946 His Excellency Lieutenant-General Sir John Northcott, KCMG KCVO CB KStJ
1957 His Excellency Lieutenant-General Sir Eric Winslow Woodward, KCMG KCVO CB CBE DSO
1966 His Excellency Sir Arthur Roden Cutler, VC KCMG KCVO CBE KStJ
1981 His Excellency Air Marshal Sir James Rowland, KBE DFC AFC KStJ

Chancellors

The Chancellor is elected by the Fellows of the Senate for such period as the Senate may from time to time appoint. The period is at present limited by by-law to three years, but the retiring Chancellor is declared to be eligible for re-election.

1851 Edward Hamilton, MA *Camb.* (Provost)
1854 Sir Charles Nicholson, Bt, MD *Edin.* Hon.DCL *Oxf.* Hon.LLD *Camb.* (Provost*)
1862 The Hon. Francis Lewis Shaw Merewether, BA *Camb.*
1865 The Hon. Sir Edward Deas-Thomson, KCMG CB
1878 The Hon. Sir William Montagu Manning, KCMG, LLD
1895 The Hon. Sir William Charles Windeyer, LLD MA
1896 The Hon. Sir Henry Normand MacLaurin, MA LLD *St And.* MD LLD *Edin.*
1914 The Hon. Sir William Portus Cullen, KCMG, MA LLD
1934 Sir Mungo William MacCallum, KCMG, MA *Glas.* Hon.DLitt *Oxf.* LLD
1936 The Hon. Sir Percival Halse Rogers, KBE, BCL *Oxf.* BA
1941 Lieutenant-Colonel Sir Charles Bickerton Blackburn, KCMG OBE, BA *Adel.* Hon.DLitt *N.E. & Syd.* Hon.DSc *Tas., N.S.W. & Qld* Hon.LLD *Melb. & W.Aust.* MD ChM, FRCP FRSM FRACP Hon.FRCPEd
1964 Sir Charles George McDonald, KBE KCMG, MB ChM, FRCP FRACP
1970 Sir Hermann Black, Hon.DLitt *N'cle (N.S.W.)* MEc, FCIS

Deputy Chancellors

The Deputy Chancellor is elected annually by the Fellows of the Senate out of their own body. The retiring Deputy Chancellor is eligible for re-election.

1924 Cecil Purser, BA MB ChM
1926 The Hon. Sir Philip Street, KCMG, BA (Chief Justice of N.S.W.)
1928 Sir Mungo William MacCallum, KCMG, MA *Glas.* DLitt *Oxf.* LLD
1934 The Hon. Sir Percival Halse Rogers, KBE, BCL *Oxf.* BA
1936 Arthur Edward Mills, MB ChM
1939 Lieutenant-Colonel Sir Charles Bickerton Blackburn, OBE, BA *Adel.* Hon.DLitt *N.E. & Syd.* Hon.DSc *Tas., N.S.W. & Qld* Hon.LLD *Melb. & W.Aust.* MD ChM, FRCP FRSM FRACP Hon.FRCPEd
1942 John Job Crew Bradfield, CMG, DScEng
1943 Dame Constance D'Arcy, DBE, MB ChM
1946 The Hon. Mr Justice Ernest David Roper, BA LLB
1953 Charles George McDonald, MB ChM, FRACP
1954 The Hon. Sir Victor Windeyer, CBE CB DSO ED, MA LLB (from 13 December)
1958 Major-General Ivan Noel Dougherty, CBE DSO ED, BEc
1966 The Reverend Bertram Russell Wyllie, MA BD

* Title changed to Chancellor, 1860

1969 Hermann David Black, MEc
1970 The Hon. Mr Justice Russell Le Gay Brereton, BA LLB
1971 The Hon. Mr Justice David Mayer Selby, ED, BA LLB

Vice-Chancellors

The Vice-Chancellor was, up to 1924, annually elected by the Fellows of the Senate out of their own body.

1851 Sir Charles Nicholson, Bt, MD *Edin.* Hon.DCL *Oxf.* Hon.LLD *Camb.* (Vice-Provost)
1854 The Hon. Francis Lewis Shaw Merewether, BA *Camb.* (Vice-Provost*)
1862 The Hon. Edward Deas-Thomson, CB
1865 The Hon. John Hubert Plunkett, BA
1869 The Rev. Canon Robert Allwood, BA
1883 The Hon. Mr Justice William Charles Windeyer, LLD MA
1887 The Hon. Henry Normand MacLaurin, MA LLD *St.And.* MD LLD *Edin.*
1889 The Hon. Arthur Renwick, MD *Edin.* BA
1891 Henry Chamberlaine Russell, CMG, BA, FRS
1892 His Honour Judge Alfred Paxton Backhouse, MA
1895 The Hon. Henry Normand MacLaurin, MA LLD *St. And.* MD LLD *Edin.*
1896 His Honour Judge Alfred Paxton Backhouse, MA
1900 The Hon. Sir Arthur Renwick, MD *Edin.* BA
1902 The Hon. Mr Justice Archibald Henry Simpson, MA *Camb.*
1904 Sir Philip Sydney Jones, MD *Lond.*
1906 The Hon. Sir Arthur Renwick, MD *Edin.* BA
1908 The Hon. Sir William Portus Cullen, MA LLD
1911 His Honour Judge Alfred Paxton Backhouse, MA
1914 Frank Leverrier, KC, BA BSc
1917 Cecil Purser, BA MB ChM
1919 The Hon. Mr Justice David Gilbert Ferguson, BA
1921 Frank Leverrier, KC, BA BSc
1923 Cecil Purser, BA MB ChM

Under new constitution

1924 Professor Sir Mungo William MacCallum, KCMG, MA *Glas.* DLitt *Oxf.* LLD
1928 Sir Robert Strachan Wallace, MA *Aberd.* LLD
1947† Emeritus Professor Sir Stephen Henry Roberts, CMG, MA LittD *Melb.* DSc(Econ) *Lond.* Hon.LLD *Brist.*, *Br. Col.* & *McG.* Hon.DCL *Durh.* Hon. DLitt *N.E.*
1967 Professor Sir Bruce Rodda Williams, KBE, BA *Melb.* MA *Adel.* MA(Econ) *Manc.* Hon.DLitt *Keele* Hon.LLD *Melb.* Hon.DEcon *Qld*, FASSA
1981 Professor John Manning Ward, AO, MA LLB, FAHA FASSA FRAHS

Deputy Vice-Chancellors

1955 Emeritus Professor Christopher Ralph McRae, MA DipEd *Melb.* PhD *Lond.*
1961 Emeritus Professor Alexander George Mitchell, PhD *Lond.* MA
1965–1978 Emeritus Professor William Matthew O'Neil, AO, MA DipEd, FASSA
1975– [1]Professor Michael Gleeson Taylor, MD BS *Adel.* PhD DSc *Lond.*, FRACP
1979–1981 [1]Professor John Manning Ward, MA LLB, FAHA FASSA FRAHS
1982– [1]Professor Arthur John Dunston, Cav., BA *Rdg* MA *Camb.*

Deputy Principals

1955–1973 Wilson Harold Maze, MBE, MSc (title changed from Assistant Principal, 1968)
1974–1982 Hugh McCredie, LLB, FCIS FASA

Secretary

1972–1974 Hugh McCredie, LLB, FCIS FASA

Registrars

1851 Richard Greenup, MD
1852 William Louis Hutton
1852 Hugh Kennedy, BA *Oxf.*
1882 Henry Ebenezer Barff, CMG, MA (from 1893–1914 had title Registrar and Librarian, from 1914–1924 changed to Warden and Registrar)
1924 Walter Albert Selle, MA
1947 Geoffrey Dale, BEc
1950 Wilson Harold Maze, MSc
1955 Margaret Alison Telfer, OBE, BA DipEd
1967 Hugh McCredie, LLB, FCIS FASA
1972 Ralph Burns Fisher, MA *N.Z.*
1975 Jean Duncan Foley, BA DipSocStud
1975–1982 Kenneth Wilson Knight, PhD *Qld* MEc, ALAA (Assistant Vice-Chancellor and Registrar from 1 August 1977)
1983– Keith Lynden Jennings, BA MEd

Bursar

1982– Stephen Barry Morgan Harrison, MEc

University Librarians[2]

1852 Frederick Hale Forshall (Librarian not named again until 1885, then as Assistant Librarian)
1885 Ralph Hardy (Assistant Librarian)
1888 Caleb Hardy, BA (Assistant Librarian)
1893 Henry Ebenezer Barff, CMG MA (Registrar and Librarian)
1914 John Le Gay Brereton, BA
1921 Henry MacKenzie Green, BA LLB
1946 Edward Victor Steel, BA
1959 Andrew Delbridge Osborn, MA *Melb.* PhD *Col.* AMLS *Mich.*
1963 Harrison Bryan, MA *Qld*, FLAA
1980 Neil Anthony Charles Radford, AM PhD *Chic.* DipLib *N.S.W.* BEc, FLAA

Former professors

1852–1866 Rev. John Woolley, DCL *Oxf.*—Classics and Logic
1852–1877 Morris Birkbeck Pell, BA *Camb.*—Mathematics and Natural Philosophy
1852–1885 The Hon. John Smith, CMG, MD Hon.LLD *Aberd.*—Chemistry and Experimental Physics
1867–1883 Rev. Charles Badham, MA *Oxf.* DD *Camb.* Hon.LittD *Leyden*—Classics and Logic

* Title changed to Vice-Chancellor, 1860
† Title changed to Vice-Chancellor and Principal, 1955
[1] Referred to in Chapter VI 2 (3) (b) of the by-laws

[1] Referred to in Chapter VI 2 (3) (a) of the by-laws
[2] Title changed from Librarian in 1982
★ Professor Emeritus

1870–1872 Alexander Morrison Thomson, DSc *Lond.*—Geology and Mineralogy

1874–1907 Archibald Liversidge, MA *Camb.* LLD *Glas.*, FRS—Chemistry

1877–1902 Theodore Thomas Gurney, MA *Camb.*— Mathematics and Natural Philosophy

1882–1890 William John Stephens, MA *Oxf.*—Natural History

1883–1920 Sir Thomas Peter Anderson Stuart, MD Hon.LLD *Edin.* Hon.DSc *Durh.* Hon. MD *Melb.*—Physiology (title of chair changed from Anatomy and Physiology, 1890)

1884–1925 William Henry Warren, WhSc Hon.LLD *Glas.*, MInstCE—Engineering

1885–1900 Walter Scott, MA *Oxf.*—Greek

1886–1898 Richard Threlfall, MA *Camb.*— Physics

1887–1920 Sir Mungo William MacCallum, MA *Glas.* DLitt *Oxf.* LLD—Modern Literature

1890–1909 Pitt Cobbett, MA DCL *Oxf.*—Law

1890–1917 William Aitcheson Haswell, MA DSc *Edin.*, FRS—Zoology

1890–1920 James Thomas Wilson, MB ChM *Edin.* MA, FRS—Anatomy

1890–1921 Francis Anderson, MA *Glas.*—Logic and Mental Philosophy

1891–1920 Thomas Butler, BA—Latin

1891–1924 Sir Tannatt William Edgeworth David, KBE CMG, MA DSc *Oxf.*, FRS—Geology

1891–1928 George Arnold Wood, MA *Oxf.*— History

1899–1922 James Arthur Pollock, DSc, FRS—Physics

1901–1937 William John Woodhouse, MA *Oxf.*—Greek

1902–1935 David Arthur Welsh, BSc MA MD *Edin.*, FRCPEd—Pathology

1903–1935 Horatio Scott Carslaw, DSc Hon.LLD *Glas.*—Mathematics

1909–1939 James Douglas Stewart, BVSc *Edin.*, MRCVS—Veterinary Science

1909–1945 Charles Edward Fawsitt, DSc *Edin.* PhD *Leipzig*—Chemistry

1910–1940 Alexander Mackie, MA *Edin.*— Education

1910–1941 The Hon. Sir John Beverley Peden, KCMG KC, BA LLB, MLC—Law

1910–1946 Robert Dickie Watt, BSc MA *Glas.*—Agriculture

1912–1922 Robert Francis Irvine, MA— Economics

1912–1926 William Ernest Cooke, MA *Adel.*—Astronomy

1913–1916 Robert Robinson, DSc—Organic Chemistry (Pure and Applied)

1913–1927 Abercrombie Anstruther Lawson, DSc, FRS FRSEd—Botany

1915–1941 Sir Samuel Henry Egerton Barraclough, KBE VD, MME *C'nell* BE, MICE MIMechE—Mechanical Engineering

1916–1923 John Read, MA *Camb.* BSc *Lond.* PhD *Zurich*—Organic Chemistry (Pure and Applied)

1918–1920 Henry George Chapman, MD BS *Melb*—Pharmacology[1]

1918–1921 James Murdoch, MA—Oriental Studies

1918–1922 Stephen Jason Johnston, BA DSc—Zoology

1918–1947 Leslie Wilkinson, FRIBA FRAIA—Architecture

1920–1930 Arthur Edward Mills, MB ChM—Medicine

1920–1948 Sir John Percival Vissing Madsen, DSc *Adel.* BE BSc—Electrical Engineering

1921–1928 Henry George Chapman, MD BS *Melb.*—Physiology[1]

1921–1928 Francis Percival Sandes, BSc MD ChM (part time)—Surgery

1921–1933 John le Gay Brereton, BA—English Literature

1921–1934 Richard Fairfax Reading, LDS, MRCS LRCP—Dentistry

1921–1940 Archibald Hamilton Charteris, MA LLB *Glas.*—International Law and Jurisprudence

1921–1940 Ernest Rudolph Holme, OBE, MA—English Language

1921–1945 George Gibb Nicholson, CBE Chev. Leg. d'H, MA BCL *Oxf.*—French

1922–1924 John Irvine Hunter, MD ChM— Anatomy

1922–1926 Sir John Macpherson, KBE, MD, FRCP—Psychiatry

1922–1926 Bernard Muscio, MA *Camb. & Syd.*—Logic and Mental Philosophy

1922–1944 Frederick Augustus Todd, PhD *Jena* BA—Latin

1922–1945 Richard Charles Mills, OBE, LLM *Melb.* DSc(Econ) *Lond.*—Economics

1922–1947 Arthur Lindsay Sadler, MA *Oxf.*—Oriental Studies

1923–1928 Launcelot Harrison, BA BSc—Zoology

1923–1928 James Kenner, PhD *Heidelberg* DSc *Lond.*—Organic Chemistry (Pure and Applied)

1923–1945 Oscar Ulric Vonwiller, BSc (Associate 1921–1923)—Physics

1925–1940 John Cadell Windeyer, MD ChM, FRACS FRCOG MRCS LRCP— Obstetrics

1925–1948 Leo Arthur Cotton, MA DSc— Geology

1926–1931 Alfred Reginald Radcliffe Brown, MA *Camb.*—Anthropology

1926–1951 William Aitken Miller, BSc *Glas.* ME, AMInstCE—Civil Engineering

1926–1955 Arthur Neville St. George Burkitt, MB BSc (Associate 1925)—Anatomy

1927–1932, 1937–1952 William Siegfried Dawson, MA MD ChB *Oxf.* DPM *Lond.*, FRCP FRACP—Psychiatry

1927–1958 John Anderson, MA *Glas.*— Philosophy

1928–1937 Theodore George Bentley Osborn, DSc *Manc.*—Botany

1928–1947 John Campbell Earl, PhD *St.And.* DSc *Adel.*—Organic Chemistry

1928–1956 Claude Witherington Stump, MD ChB DSc *Edin.*, FRSEd (Associate 1926–1928)—Histology and Embryology

1929–1945 Henry Tasman Lovell, PhD *Jena* MA (Associate 1921–28)—Psychology

[1] Transferred from Pharmacology to Physiology 1920.

[1] Transferred from Pharmacology to Physiology 1920.

1929–1947 William John Dakin, DSc *Liv. & W.Aust.*, FLS FZS—Zoology

1929–1947 Stephen Henry Roberts, MA LittD *Melb.* DSc(Econ) *Lond.*—History

1930–1934 Hedley Duncan Wright, BA *Tas.* MD ChB DSc *Edin.*—Bacteriology

1930–1946 Harold Whitredge Davies, MB BS *Adel.*—Physiology

1930–1946 Harvey Sutton, OBE, MD ChB DPH *Melb.* BSc *Oxf.*—Preventive Medicine

1930–1956 Sir Harold Robert Dew, MB BS *Melb.* Hon.ScD, FRCS Hon.FRCSEd FACS FRACS—Surgery

1930–1956 Charles George Lambie, MC, MD ChB *Edin.*, FRCP FRSEd—Medicine

1934–1950 Arthur John Alfred Waldock, MA—English Literature

1934–1956 Adolphus Peter Elkin, MA PhD—Anthropology

1935–1947 Francis Armand Bland, MA LLB—Public Administration

1935–1952 Hugh Kingsley Ward, MC (two bars), DPH DA *Oxf.* MB, FRACP— Bacteriology

1935–1964 Allwyn James Arnott, DDSc, FDSRCS FACD FICD—Dentistry

1935–1968 ★Thomas Gerald Room, ScD *Camb.*, FRS FAA—Mathematics (Pure Mathematics)

1936–1952 William Keith Inglis, MD ChM, FRACP—Pathology

1938–1939 John Enoch Powell, MA *Camb.*—Greek

1938–1945 Eben Gowrie Waterhouse, MA (Associate 1926–1938)—German

1938–1946 Eric Ashby, DSc DIC *Lond.*, ARCS—Botany

1938–1947 Frederick Alldis Eastaugh, ARSM FIC (Associate 1926–1938)—Engineering Technology

1938–1948 Henry Priestley, BSc MD ChM (Associate, Physiology 1921–1938)—Biochemistry

1939–1954 ★Arthur Dale Trendall, MA *Camb.* LittD MA *N.Z.*, FSA—Greek

1939–1956 Arthur Veryan Stephens, MA *Camb.*, FRAeS—Aeronautical Engineering

1939–1965 Alan Ker Stout, MA *Oxf.*—Philosophy

1940–1946 Ian Clunies Ross, DVSc—Veterinary Science

1940–1955 Christopher Ralph McRae, MA DipEd *Melb.* PhD *Lond.*—Education

1941–1968 ★Bruce Too'mba Mayes, MVO, MB BS, FRCSEd FRCOG FRACS—Obstetrics and Gynaecology (title of Chair changed from Obstetrics, 1964)

1942–1946 James Williams, LLM *N.Z.* PhD *Camb.*—Law

1942–1959 George Gilmour McDonald, BSc PhD *Glas.*, MINA MIES MIMechE MIEAust—Mechanical Engineering

1942–1972 ★Julius Stone, BA DCL *Oxf.* LLM Hon.LLD *Leeds* SJD *Harv.*— International Law and Jurisprudence

1945–1951 Alexander Hugh McDonald, MA *N.Z.* MA PhD *Camb.* LLD—Ancient World History

1945–1961 James Macdonald Holmes, BSc PhD *Glas.* (Associate 1929–1944)—Geography

1945–1965 ★William Matthew O'Neil, MA DipEd— Psychology

1946–1951 Alfred Samuel Hook, ARCA FRIBA FRAIA (Associate 1926–1946)—Architectural Practice and Construction

1946–1952 Walter Lawry Waterhouse, MC, DIC *Lond.* DScAgr, FAA (Reader 1937–1946) (Research Professor)—Agriculture

1946–1953 Richard Edwin Smith, MA *Camb.*—Latin

1946–1955 Frank Stanley Cotton, DSc (Reader 1939–1942, Research Professor 1942–1946)—Physiology

1946–1970 Ian Allan Ramey Henning, DU *Paris* BA—French

1946–1970 ★Raymond James Wood Le Fevre, PhD DSc *Lond.*, FRIC FRACI FRS FAA— Chemistry

1946–1971 Keith Edward Bullen, BSc MA *N.Z.* MA *Melb.* PhD ScD *Camb.*, FRS FAA Hon. FRSNZ For. Assoc. NAS Hon. For. MAAAS PontAcadSc—Mathematics (Applied Mathematics)

1946–1971 Sydney James Christopher Lyon Butlin, MA DLitt *Camb.* BEc— Economics

1946–1973 Ralph Barstow Farrell, MA DrPhil *Berl.*, FAHA—German

1947–1952 Norman Alan Burges, PhD *Camb.* MSc, FLS—Botany

1947–1957 Alec Hutcheson Baldwin, MB BS DPH *Melb.* DTM&H *Lond.*, FRACP—Tropical Medicine

1947–1958 Reginald Montague Cairns Gunn, ED, BSc *Edin.* BScAgr DVSc, FRCVS (Reader 1945–1947)—Veterinary Science

1947–1961 ★Alexander George Mitchell, PhD *Lond.* MA—Early English Literature and Language

1947–1965 ★Harold Roy Carne, DVSc—Veterinary Pathology and Bacteriology

1947–1966 ★John Rustin Alfred McMillan, MSc *C'nell* DScAgr—Agriculture

1947–1967 ★Sir Edward Ford, OBE, MD BS *Melb.* DPH *Lond.* DTM, FZS FRSH FRCP FRACP—Preventive Medicine

1947–1968 Thomas Girvan Hunter, PhD DSc *Birm.*—Chemical Engineering

1947–1974 ★Kenneth Owen Shatwell, MA BCL *Oxf.*—Law

1948–1952 Percy Herbert Partridge, MA— Government and Public Administration

1948–1973 Denis Winston, BArch *Liv.* AM *Harv.*, FRIBA MTPI FILA FAPI—Town and Country Planning

1948–1974 Donald Richard Peart, MA BMus *Oxf.*, FRCM—Music

1949 John Kennedy Rideout, BA—Oriental Studies

1949–1959 David Milton Myers, BSc DScEng, FInstP MIEE MIEAust—Electrical Engineering

★ Indicates Professor Emeritus

1949–1960 Lorimer Fenton Dods, MVO, DCH *Lond.* MD ChM, FRACP—Child Health

1949–1960 Patrick Desmond Fitzgerald Murray, BSc *Oxf.* MA *Camb.* DSc, FAA—Zoology

1949–1963 Henry Ingham Ashworth, OBE, MA *Manc.*, FRIBA FRAIA MAPI—Architecture (title of Chair changed from Architectural Design and History, 1952)

1949–1973 ★Charles Edward Marshall, PhD *Durh.* DSc *Birm.*, FGS MAustIMM—Geology

1949–1975 ★Roland Herbert Thorp, BSc PhD *Lond.*—Pharmacology

1949–1976 ★Jack Leslie Still, PhD *Camb.* BSc—Biochemistry

1950–1978 ★Clifford Walter Emmens, PhD DSc *Lond.*, FSS FIBiol Hon.FACVSc FAA—Veterinary Physiology

1951–1961 Wesley Milgate, MA—English Literature

1951–1978 ★Jack William Roderick, MA *Camb.* MSc PhD *Brist.* Hon.DEng *N'cle*, FIStructE FICE FASCE AFRAeS FIEAust FAA—Civil Engineering

1952–1955 Arthur John Birch, DPhil *Oxf.* MSc—Organic Chemistry

1952–1956 David Parker Craig, PhD *Lond.* MSc—Physical Chemistry

1953–1960 Victor Albert Bailey, MA DPhil *Oxf.*, FInstP FAA (Associate, Physics 1924–1936, Professor, Experimental Physics 1936–1953) (Research Professor)

1953–1977 Frank Rees Magarey, MD BS *Adel.*, FRCPA FRCPath MRCP Hon.FRACS— Pathology

1953–1978 ★Patrick Macartney de Burgh, MB BS, FRCPA—Bacteriology

1953–1981 Richard Neville Spann, OBE, MA *Oxf.*, FASSA—Government and Public Administration

1954–1963 Robert Langdon Crocker, DSc *Adel.*—Botany

1954–1965 George Pelham Shipp, MA *Camb.* BA DLitt (Reader, Comparative Philology 1945–1954)—Greek

1955–1967 Peter Orlebar Bishop, MB BS DSc, FAA (Reader 1954–1955)—Physiology

1955–1971 Neville William George Macintosh, MB BS DipAnth (Reader 1950–1955)—Anatomy

1955–1976 ★William Fraser Connell, MA *Ill.* MA MEd *Melb.* PhD *Lond.*, FASSA (Reader 1953–1955)—Education

1955–1983 Albert Richard Davis, MA *Camb.*—Oriental Studies

1956–1958 John Arundel Barnes, MA *Camb.* DPhil Oxf.—Anthropology

1956–1961 William Henry Trethowan, MA MB BChir *Camb.* DPM *Lond.*, MRCP MRCS FRACP—Psychiatry

1956–1964 William Henry Wittrick, MA ScD *Camb.* PhD, FRAeS AFAIAA FAA (Reader 1954–1956)—Aeronautical Engineering

1956–1969 ★Charles William Shoppee, PhD DSc *Lond.* DrPhil *Basel*, FRIC FRS FRACI FAA—Organic Chemistry

1956–1970 Albert Ernest Alexander, MA PhD ScD *Camb.* BSc *Rdg*, FRACI FAA—Physical Chemistry

1956–1979 Sir John Loewenthal, CMG ED, MS *Melb.* MB BS, FRCS FRACS FACS Hon.FACS Hon.FRCSEd Hon.FCS (SA)—Surgery

1956–1982 ★Keith Oliver Campbell, MPA *Harv.* AM PhD *Chic.* BScAgr, FASSA FRIAS (Reader 1951–1956)—Agricultural Economics

1957–1978 ★Charles Ruthven Bickerton Blackburn, ED, MD BS, FRCP FRACP Hon.FACP— Medicine

1959–1963 John Leslie Mackie, MA *Oxf.* BA—Philosophy

1959–1966 Sydney Edward Wright, DSc *Qld* PhD DipPharm, FRACI (Associate, Pharmacy 1956–1959)—Pharmaceutical Chemistry

1959–1967 David McFarlane, BSc *Glas.*, MRCVS—Veterinary Medicine

1959–1977 Stuart Thomas Butler, MSc *Adel.* PhD *Birm.* DSc *A.N.U.*, FAA— Physics (Theoretical Physics)

1959–1978 ★Henry Oliver Lancaster, BA MD BS PhD DSc, FISI FIMS FASA Hon.LMSSA Hon.FSS FAA (Associate, Medical Statistics 1959)—Mathematical Statistics

1959–1980 David Gilbert Benjafield, CBE, DPhil *Oxf.* LLB — Law

1959–1981 ★William Robert Geddes, MA *N.Z.* PhD *Lond.*, FASSA—Anthropology

1960–1966 John McManners, MA *Oxf.* DipTheol *Durh.*, FRHistS—History

1960–1962 John Rivers Barrington Stewart, MA *Camb.*, FRNS—Middle Eastern Archaeology

1960–1968 Peter Thomas Fink, BE, FRAeS MIMechE MAIAA (Reader, Aeronautical Engineering 1957–1960)—Mechanical Engineering

1960–1978 ★Wilbur Norman Christiansen, DSc *Melb.*, FAA FIEE FIREE FIEAust FInstP FAIP—Electrical Engineering

1960–1980 Charles Norman Watson-Munro, OBE, DSc *N.Z.*, FInstP FAA MIEE—Physics (Plasma Physics)

1960–1982 ★Raymond John Chambers, AO, BEc DScEcon, FASA FASSA (Associate, 1955–1959) — Accounting

1961–1977 ★Campbell Harry Graham, DDS *Northwestern* MDS, FACD FRACDS (Associate, 1960–1961)—Prosthetic Dentistry

1961–1982 ★John Sutherland Lyell, MDS, FACD FRACDS (Associate 1955–1961)—Operative Dentistry

1962–1965 Harold Raymond Edwards, DPhil *Oxf.* BA—Economic Theory

1962–1965 George Harrison Russell, MA *N.Z.* PhD *Camb.* (Reader, English Language 1957–1962)—Early English Literature and Language

1962–1969 George Harry Dury, MA PhD *Lond.*, FGS—Geography

1962–1974 David Clarkson Maddison, MB BS DPM, FANZCP FRACP—Psychiatry

★ Professor Emeritus.

1963–1965 Frank Verdun Mercer, BSc *Adel.* PhD *Camb.* (Associate, Plant Physiology 1956–1963)—Biology (Cell Physiology)

1963–1966 Samuel Louis Goldberg, BA *Melb.* BLitt *Oxf.*—English Literature

1963–1974 ★Spencer Smith-White, DScAgr, FAA (Reader in Botany, 1957–1963)—Biology (Genetics)

1963–1982 ★Robert Hughes Black, ED, DTM&H *Liv.* MD BS DipAnth, FRACP—Tropical Medicine

1962–1977 ★Irvine Armstrong Watson, CBE, PhD *Minn.* BScAgr, FTS FAA (Associate, Genetics and Plant Breeding 1955–1962)—Agricultural Botany (Plant Breeding)

1962–1980 ★Robert Stewart Gregg Rutherford, MA *Oxf.*—Economic Statistics

1964–1974 Alexander Kirk Lascelles, MVSc PhD *A.N.U.*—Dairying

1964–1976 Frederick May, BA *Lond.*—Italian

1964–1981 ★Robert Hanbury Brown, BScEng DIC *Lond.* DSc *Manc.*, FRS FRAS FAA Hon.FNA Hon.FASc MIEE—Physics (Astronomy)

1965–1971 Geoffrey Harold Satchell, BSc *Lond.* PhD *Leeds*—Biology

1966–1969 Frits Herman van Naerssen, DrPh et Litt *Ley.* MA, FRAS (Reader 1957–1966)—Indonesian and Malayan Studies

1966–1971 Charles Burton Martin, BA *Boston* PhD *Camb.*—Philosophy

1966–1971 John Robert Read, MD BS, FRACP—Medicine

1966–1971 Neville Hewlett White, DSc *Tas.* (Associate 1955–1966)—Plant Pathology

1966–1974 Leonard Harold Larsen, MS *Col.* BVSc PhD (Associate 1962–1964)—Veterinary Surgery

1966–1976 ★Ronald Kenneth Macpherson, MD BS MSc *Qld*, FRACP—Environmental Health

1966–1983 ★Michael George Pitman, OBE, MA PhD ScD *Camb.*, FAA — Biology (Plant Physiology)

1967–1977 ★Bernard William Smith, PhD *A.N.U.* Hon.LittD *Melb.* BA, FSA FAHA—Contemporary Art and Director of the Power Institute of Fine Arts

1967–1976 Ernest Ritchie, DSc, FRACI FAA (Reader 1961–1967)—Organic Chemistry

1968–1971 Richard Henry Collins Penny, BVSc *Brist.* PhD *Liv.*, FRCVS—Veterinary Medicine

1968–1974 Paul Ivan Korner, MD BS MSc, FRACP (Associate, Physiology 1959–1960)—Cardiology

1968–1981 Edward Hughesdon Davis, BSc(Eng) *Lond.*, FAA FIEAust—Civil Engineering

1969–1972 John Rutherford, PhD *A.N.U.* BA—Geography

1969–1974 Donald William George, BSc BE PhD, FIEE FIEAust AAIP (Associate, Electrical Engineering 1966–1969)—Mechanical Engineering

1969–1974 Peter Edward Nygh, JSD *Mich.* LLM—Law

1969–1975 Patrick Collinson, MA *Camb.* PhD *Lond.*, FRHistS FAHA—History

1969–1980 ★Marjorie Grace Jacobs, MA—History

1969–1980 ★Colin George Frederick Simkin, MA DipSocSci *N.Z.* DPhil *Oxf.*, FASSA—Economics

1969–1981 Thomas Brennan, MA *Camb.*, FASSA—Social Administration

1970–1971 David Stanley Simonett, MSc PhD—Geography

1970–1973 Henry David Jocelyn, MA PhD *Camb.* BA—Latin

1970–1973 Robert McCredie May, BSc PhD—Physics

1970–1983 ★Michael John Thornley Norman, BSc PhD *Rdg* — Agronomy

1971–1975 Leigh Ross Chambers, DU *Grenoble* MA DipEd, FAHA Officier des Palmes Académiques—French

1972–1973 Graham Charles Nerlich, MA *Adel.* BPhil *Oxf.*—Philosophy

1973–1976 Derek Howard Aldcroft, BA(Econ) PhD *Manc.*—Economic History

1973–1981 John Dyson Heydon, BCL MA *Oxf.* BA—Law

1973–1981 ★Trevor Langford-Smith, BA *Melb.* MSc *Adel.* PhD *A.N.U.* BSc (Associate 1966–1973)—Geography

1973–1982 ★Murray Theodore Pheils, MA MB BChir *Camb.*, FRCS FACS FRACS LRCP — Surgery

1975–1975 Lawrence John Ryan, DPhil *Tubingen* BA—Germanic Studies

1975–1976 James Swarbrick, BPharm PhD DSc *Lond.*, FRIC—Pharmaceutics

1975–1979 Keith William Taylor, MB BChir MA PhD *Camb.*—Biochemistry

1977–1980 Vincent John McGovern, MD ChB *N.Z.*, FRACP FRCPA FRCPath—Pathology

1977–1980 John Anthony Colin Hoad Reddick, MA DPhil *Oxf.*—German

1977–1982 Lindsay Alexander Gordon Davidson, MB ChB *Edin.* MD *Birm.*, FRCP FRCPEd FRACP—Commonwealth Institute of Health (Director)

1977–1982 Roy Allan Woodman, LLM (Associate 1970–1977)—Law

1979–1981 James Gerald D'Arcy Rankin, MB BS, FRACP FRCPCan—Medicine (Clinical Professor)

1979–1983 Gary Robert Andrews, MB BS, FRCP FRACP FRACMA FACRM — Community and Geriatric Medicine

1980–1983 William Alexander Cramond, OBE, MD ChB *Aberd.* MD *Adel.* DPM *Lond.*, FRANZCP FRCPsych FRACP FRSEd — Psychiatry (Clinical Professor)

Professores Emeriti

R. H. Black
C. R. B. Blackburn
K. O. Campbell
H. R. Carne
R. J. Chambers
W. N. Christiansen
W. F. Connell
P. M. de Burgh
C. W. Emmens
Sir Edward Ford
W. R. Geddes
C. H. Graham
R. Hanbury Brown
M. G. Jacobs

★ Professor Emeritus.

H. O. Lancaster
T. Langford-Smith
J. S. Lyell
R. J. W. Le Fevre
J. R. A. McMillan
R. K. Macpherson
C. E. Marshall
B. T. Mayes
A. G. Mitchell
M. J. T. Norman
W. M. O'Neil
M. G. Pitman
M. T. Pheils
J. W. Roderick
T. G. Room
R. S. G. Rutherford
K. O. Shatwell
C. W. Shoppee
C. G. F. Simkin
B. W. Smith
S. Smith-White
J. L. Still
J. Stone
R. H. Thorp
A. D. Trendall
I. A. Watson
C. N. Watson-Munro

Chairmen of the Professorial Board

From 1852 the Chairman of the various antecedents of the Professorial Board prior to 1887 was normally the Senior Professor or Dean of the Faculty of Arts.

(The years are not exact calendar years)

1887	Professor T. P. Anderson Stuart
1888	Professor T. T. Gurney
1889	Professor W. J. Stephens
1890	Professor R. Threlfall
1891	Professor A. Liversidge
1892	Professor W. H. Warren
1893	Professor W. A. Haswell
1894	Professor M. W. MacCallum
1895	Professor J. T. Wilson
1896	Professor F. Anderson
1897	Professor G. A. Wood
1898	Professor T. Butler
1899	Professor T. W. Edgeworth David
1900	Professor P. Cobbett
1901	Professor T. T. Gurney
1902–1907	Professor T. W. Edgeworth David
1908–1912	Professor J. T. Wilson
1913–1915	Professor T. W. Edgeworth David
1916–1919	Professor J. T. Wilson
1920–1923	Professor W. H. Warren
1924	Professor T. W. Edgeworth David
1925–1933	Professor J. B. Peden
1934–1941	Professor R. C. Mills
1942–1944	Professor E. Ashby
1945–1946	Professor S. H. Roberts
1947–1949	Professor J. Madsen (to Feb. 1949)
1949–1950	Professor A. D. Trendall (to Nov. 1950)
1950–1951	Professor C. R. McRae
1952–1953	Professor A. D. Trendall (to Mar. 1953)
1953–1955	Professor C. R. McRae (to July 1955)
1955–1959	Professor W. M. O'Neil (to Mar. 1959)
1959–1961	Professor A. G. Mitchell (to Aug. 1961)
1961–1965	Professor W. M. O'Neil (to Mar. 1965)
1965–1969	Professor J. L. Still
1970–1973	Professor M. G. Taylor
1974	Professor D. W. George (to Nov. 1974)
1974–1975	Professor J. M. Ward

Professorial Board dissolved 17 June 1975

Chairmen of the Academic Board

1975–1977	Professor J. M. Ward
1978–1981	Professor D. Campbell-Allen
1982–	Professor N. Collis-George

Deputy Chairmen of the Professorial and Academic Boards

Professorial Board

1974–1975	Professor M. G. Pitman (Nov. 1974 to Jun. 1975)

Academic Board

1975–	Professor M. G. Pitman (from Jun. 1975)
1976–1977	Professor S. T. Butler
1978–1980	Professor J. A. Young (to Nov. 1980)
1980–1981	Professor D. T. Anderson (from Dec. 1980)
1982–1983	Professor G. A. Wilkes
1984–	Professor D. M. Schreuder

Fellows of the Senate[1]

1850–1854	The Rt Rev. Charles Henry Davis, DD
1850–1854	Edward Hamilton, MA *Camb.*
1850–1856	The Hon. Edward Broadhurst, BA *Camb.*
1850–1859	The Rev. William Binnington Boyce
1850–1859	His Honour Sir Roger Therry
1850–1860	Alfred Denison, BA
1850–1860	The Hon. James Macarthur
1850–1861	The Hon. Sir Stuart Alexander Donaldson
1850–1868	Sir John Bayley Darvall, MA *Camb.*
1850–1869	Bartholomew O'Brien, MD
1850–1869	The Hon. John Hubert Plunkett, BA *Dub.*
1850–1870	The Rev. William Purves, MA
1850–1872	The Hon. William Charles Wentworth
1850–1875	The Hon. Francis Lewis Shaw Merewether, BA *Camb.*
1850–1879	The Hon. Sir Edward Deas-Thomson, KCMG CB
1850–1883	Sir Charles Nicholson, Bt, MD *Edin.* Hon.DCL *Oxf.* Hon.LLD *Camb.*
1853–1865	Henry Grattan Douglass, MD *Dub.*
1855–1886	The Rev. Canon Robert Allwood, BA *Camb.*
1856–1877	The Most Rev. Archbishop John Bede Polding, DD
1857–1861	Sir Daniel Cooper, Bt, GCMG
1858–1878 1885–1886	The Hon. Sir James Martin
1859–1878	The Hon. George Allen
1859–1894	The Hon. Peter Faucett, BA *Dub.*
1860–1880	The Hon. Sir William Macarthur
1861–1879	Professor Morris Birkbeck Pell, BA *Camb.*
1861–1885	Professor the Hon. John Smith, CMG, MD LLD *Aberd.* (*ex officio*)
1861–1866	The Rev. John Woolley, DCL *Oxf.* (Principal) (*ex officio*)
1861–1895	The Hon. Sir William Montagu Manning, KCMG, LLD
1866–1897	The Hon. Sir William Charles Windeyer, LLD MA
1867–1884	Professor Charles Badham, MA *Oxf.* DD *Camb.* Hon.LittD *Leyden* (*ex officio*)
1868–1872	Charles Nathan, MD
1868–1874	The Hon. William Munnings Arnold
1869–1873	Nichol Drysdale Stenhouse, MA
1872–1882	The Hon. William Forster
1872–1888	Christopher Rolleston, CMG
1872–1892	The Hon. Sir John Hay, KCMG, MA *Aberd.*
1873–1878	The Rt Hon. William Bede Dalley, PC
1875–1891	The Hon. Sir William Macleay
1875–1907	Henry Chamberlaine Russell, CMG, BA, FRS
1877–1885	The Hon. Sir George Wigram Allen, KCMG

[1] At the time of going to press.

1877–1892, 1894–1896 Professor Theodore Thomas Gurney, MA *Camb.* (*ex officio*)
1877–1908 The Hon. Sir Arthur Renwick, MD *Edin.* BA
1878–1887 The Rt Hon. Sir Alfred Stephen, GCMG CB, PC
1879–1887 The Hon. Sir Frederick Matthew Darley, BA *Dub.*
1879–1904 Professor Archibald Liversidge, MA *Camb.* LLD *Glas.*, FRS (*ex officio*)
1879–1904 The Hon. Alexander Oliver, MA
1880–1889, 1892–1920 The Rt Hon. Sir Edmund Barton, GCMG, Hon.LLD *Edin.* Hon.DCL *Oxf.* MA
1883–1891 The Hon. Sir Patrick Alfred Jennings, KCMG, Hon.LLD *Dub.*
1883–1914 The Hon. Sir Henry Normand MacLaurin, MA LLD *St And.* MD LLD *Edin.*
1883–1920 Professor Sir Thomas Peter Anderson Stuart, MD Hon.LLD *Edin.* DSc (*ex officio*)
1884–1890 Professor William John Stephens, MA *Oxf.* (*ex officio*)
1884–1919 Richard Teece, FIA FFA
1885–1894, 1896–1898 Professor Walter Scott, MA *Oxf.* (*ex officio*)
1886–1889 The Most Rev. Alfred Barry, DD *Camb.* LLD *Durh.* & *Adel.*
1887–1888 George Knox, MA
1887–1918 Sir Philip Sydney Jones, MD *Lond.*
1887–1938 His Honour Judge Alfred Paxton Backhouse, MA
1888–1910 Cecil Bedford Stephen, KC, MA
1888–1913 Professor Thomas Butler, BA
1889–1913 His Honour Judge Francis Edward Rogers, MA LLB
1890–1909 Professor Pitt Cobbett, MA DCL *Oxf.* (*ex officio*)
1891–1892 The Hon. Richard Edward O'Connor, MA
1892–1896 The Hon. Mr Justice Charles J. Manning, MA
1894–1919 Edward Knox
1895–1919 Henry Charles Lennox Anderson, MA
1896–1934 The Hon. Sir William Portus Cullen, KCMG, MA LLD
1897–1915 The Hon. Mr Justice Archibald Henry Simpson, MA *Camb.*
1898–1914 Professor Sir Mungo William
1916–1936 MacCallum, CMG, MA *Glas.* DLitt *Oxf.* LLD (*ex officio* 1898–1914, 1916–1919)
1904–1907, 1913–1916, 1919–1924 Professor Sir Tannatt William Edgeworth David, KBE CMG, DSc *Oxf.* MA, FRS (*ex officio*)
1904–1919 The Rt Hon. Sir Samuel Walker Griffith, GCMG, LLD MA
1907–1939 Frank Leverrier, KC, BA BSc
1908–1912, 1917–1919, 1920–1923 Professor William Henry Warren, Hon.LLD *Glas.*, MInstCE (*ex officio*)
1909–1939 Cecil Purser, BA MB ChM
1910–1924 Albert Bathurst Piddington, KC, BA
1910–1941 Professor The Hon. Sir John Beverley Peden, KCMG KC, BA LLB, MLC (*ex officio* 1925–1933)
1912–1917 Professor William Aitcheson Haswell, MA DSc *Edin.*, FRS (*ex officio*)
1913 The Hon. Ambrose Campbell Carmichael, MLA (April to September)
1913–1915 The Hon. Sir Francis Bathurst Suttor, MLC
1913–1916 The Hon. Edward John Kavanagh, MLC
1913–1923 James Dawson, MA *Glas.* & *Syd.*
1913–1924 Peter Board, CMG, MA
1913–1934 The Hon. Sir David Gilbert Ferguson, BA
1913–1934 James Nangle, OBE, FRAS
1913–1936 The Hon. Sir Daniel Levy, BA LLB, MLA
1913–1942 John Job Crew Bradfield, CMG, DScEng
1914–1916, 1919–1921 Professor Francis Anderson, MA *Glas.* (*ex officio*)
1915–1921 The Hon. John Garland, KC, MA *Aberd.* LLB *Edin.*, MLC
1915–1934 The Hon. Sir Philip Whistler Street, KCMG, BA
1916–1920 Professor James Thomas Wilson, MB ChM *Edin.* MA, FRS (*ex officio*)
1916–1924 Catherine Dwyer
1918–1919, 1934–1942 The Rev. Canon Arthur Henry Garnsey, MA
1919–1929 George Henry Abbott, BA MB ChM
1919–1929 The Hon. Sir Henry Yule Braddon, KBE, MLC
1919–1949 Dame Constance Elizabeth D'Arcy, DBE, MB ChM
1919–1964 Lt-Col. Sir Charles Bickerton Blackburn, KCMG OBE, BA *Adel.* Hon.D.Litt *N.E* & *Syd.* Hon.DSc *Tas.*, *N.S.W.* & *Qld* Hon.LLD *Melb.* & *W.Aust* MD ChM, FRCP FRSM FRACP Hon. FRCPEd
1920–1924 The Hon. James Ashton, MLC
1920–1925, 1929–1939 Arthur Edward Mills, MB ChM
1921–1923 The Hon. Sir Joseph Hector Carruthers, MA, MLC
1921–1925 Professor Ernest Rudolph Holme, OBE, MA (*ex officio*)
1923–1929 Professor Charles Edward Fawsitt, DSc *Edin.* PhD *Leipzig* (*ex officio*)
1923–1931 Stephen Henry Smith, CBE
1923–1934 The Hon. Broughton Barnabas O'Conor, BA LLB, MLC
1924–1925 Henry Ebenezer Barff, CMG, MA
1924–1929 Eleanor Mackinnon
1924–1939 Charles Brunsdon Fletcher
1924–1944 Arthur Malcolm Eedy
1925–1929 Professor David Arthur Welsh, MA BSc MD *Edin.*, FRCP (*ex officio*)
1925–1929 Professor William John Woodhouse, MA *Oxf.* (*ex officio*)
1925–1933, 1944–1954 Emeritus Professor Sir Samuel Henry Egerton Barraclough, KBE CBE (Mil.Div.) VD, MME *C'nell* Hon.MME *Adel.*, BE, Hon.MIMechE Hon. MIEAust Hon. FSE
1925–1934 The Hon. Ernest Meyer Mitchell, KC, BA LLB
1928–1947 Sir Robert Strachan Wallace, MA LLD *Aberd.* LLD (*ex officio*)
1929–1934 Mary Differs Kidd
1929–1941 The Hon. Sir Percival Halse Rogers, KBE, BCL *Oxf.* BA
1930–1931 and 1939 Professor John Cadell Windeyer, MD ChM, MRCS LRCP FRACS FRCOG
1930–1933 Professor Theodore George Bentley Osborn, DSc *Manc.* (*ex officio*)

1930–1936	Professor Frederick Augustus Todd, PhD *Jena* BA
1930–1937 and 1939	George Ross Thomas, BA
1934–1935 and 1946	Professor Robert Dickie Watt, MA BSc *Glas.*
1934–1939	William James Cleary, BEc
1934–1939	Alexander James Gibson, ME
1934–1939	Frederick Arthur Maguire, CMG DSO VD, MD ChM, FRCS FRACS
1934–1944 1949–1959	Fanny Cohen, BSc MA
1934–1944	Professor Richard Charles Mills, LLM *Melb.* DSc(Econ) *Lond.* (*ex officio* 1934–1941)
1934–1944	Richard Windeyer, KC, BA
1934–1948	The Hon. Sir Henry Edward Manning, KBE KC, BA LLB, MLC
1936	Professor John Campbell Earl, PhD *St. And.* DSc *Adel.*, FIC
1936–1938	Professor William John Dakin, DSc *Liv. & W.Aust.*, FLS FZS
1936–1938 1940–1952	Professor Harold Robert Dew, MB BS *Melb.*, FRCS FACS FRACS
1936–1954	Robert Joseph Hawkes
1937–1939	Kevin William Colin Ellis, LLB
1937–1941	Professor Henry Tasman Lovell, PhD *Jena* MA
1937–1941	The Hon. Lewis Ormsby Martin, BA LLB, MLA
1938–1939	Bertie Clarence Harkness, MA
1939–1941	The Hon. Mr Justice Colin George Watt Davidson, BA LLB
1939–1941	Professor Oscar Ulric Vonwiller, BSc
1939–1943	Alfred Austin Joseph Conlon, BA
1939–1944	Malcolm Mackinnon, BA BSc
1939–1944	The Hon. Percy Claude Spender, KC, BA LLB
1939–1954	Archibald John Collins, DSO MC, MB ChM, FRACP
1940	Acting Professor Reginald Gunn, MC, BScAgr DVSc
1940–1942	The Hon. Sir Archibald Howie, MLC
1940–1942 1944–1949	Ian Clunies Ross, DVSc
1940–1949	The Hon. Sir Frederick Henry Tout, MLC
1940–1952	John Gordon McKenzie, BA BEc
1941–1953	The Hon. Clarence Edward Martin, QC, LLB MEc, MLA
1942–1944	Lucy Godiva Woodcock, BA BEc
1942–1946	Professor Eric Ashby, DSc DIC *Lond.*, ARCS (*ex officio* 1942–1944)
1942–1958	The Hon. Mr Justice Ernest David Roper, BA LLB
1942–1967	Sir Stephen Henry Roberts, CMG, MA LittD *Melb.* DSc(Econ) *Lond.* Hon.LLD *Brist.*, *Br. Col. & McG* Hon.DCL *Durh.* Hon.DLitt *N.E.* (*ex officio*)
1942–1970	Sir Charles George McDonald, KBE KCSG, MB ChM, FRCP FRACP
1943–1945	Frank William Fowler, MA
1943–1949	Florinda Katharine Ogilvie, MBE, BA
1943–1966	The Hon. Abram Landa, LLB
1944–1949	Professor Sir John Percival Vissing Madsen, DSc *Adel.* BE BSc (*ex officio* 1947–1949)
1944–1959	Henry William Knight, BE
1944–1964	Emeritus Professor Francis Armand Bland, CMG, MA LLB
1944–1964	Walter Albert Selle, CBE, MA
1944–1965	The Rt Hon. Herbert Vere Evatt, MA DLitt LLD Hon.DSc, Hon.MAAS FRAHS
1944–1969	John Alexander Ferguson
1945–1947	William Holmes Travers, BEc
1947–1949	George Sugden Le Couteur, MA
1947–1950 1952–1953	Professor Arthur Dale Trendall, MA *Camb.* LittD MA *N.Z.*, FSA (*ex officio* 1949–1950, 1952–1953)
1947–1951 1964–1965	Professor John Rustin Alfred McMillan, MSc *C'nell* DScAgr
1948	Professor Henry Priestley, MD ChM BSc
1949–1952	Professor Norman Alan Burges, PhD *Camb.* MSc, FLS (*ex officio*)
1949–1955	John Glenton Watson, BA MB BS BEc
1949–1959	Francis Lions, BSc PhD *Manc.*, ARIC
1949–1959	The Hon. Sir Victor Windeyer, KBE CB DSO ED, MA LLB
1949–1967	The Hon. Robert Reginald Downing, LLB Hon.LLD, MLC
1949–	Sir Hermann David Black, Hon.DLitt *N'cle(N.S.W.)* MEc, FCIS
1950–1951 1953–1955	Professor Christopher Ralph McRae, MA DipEd *Melb.* PhD *Lond.* (*ex officio*)
1950–1961 1969–1971	Professor Kenneth Owen Shatwell, MA BCL *Oxf.*
1952–1956 1960–1963	Professor Thomas Gerald Room, ScD *Camb.*, FRS FAA
1952–1957	Professor Edward Ford, OBE, BS MD *Melb.* DPH *Lond.* DTM, FZS FRSanI FRACP
1952–1961	Professor Alwyn James Arnott, DDSc, FDSRCS FACD FICD
1952–1969	Sir Harold Stanley Wyndham, CBE, EdD *Stan.* MA DipEd
1953–1956	Louis Andrew Walsh, BEc, MLA
1954–1969	Emeritus Professor Alan Ker Stout, MA *Oxf.*
1954–1969	The Reverend Bertram Russell Wyllie, MA BD
1954–1974	Major-General Sir Ivan Noel Dougherty, CBE DSO ED, BEc
1955–1957	Alfred Robert McKenzie Langley, BE
1955–1959 1961–1965	Professor William Matthew O'Neil, MA DipEd (*ex officio*)
1956–1959 1965–1969	Professor Jack Leslie Still, PhD *Camb.* BSc (*ex officio* 1965–1969)
1956–1965	Laurence John Tully, BA LLB, MLA
1957–1959	James Ernest Macken, MB BS BEc
1957–1959	Professor Bruce Too'mba Mayes, MVO, MB BS, FRCSEd FRACS FRCOG
1958–1964	Leonard Charles Robson, CBE MC, MA *Oxf.* BSc
1959–1961	Professor Alexander George Mitchell, PhD *Lond.* MA (*ex officio*)
1959–1963	Roderick Pitt Meagher, BA LLB
1959–1969	Emeritus Professor Adolphus Peter Elkin, CMG, MA PhD
1959–1969	Sir Lionel George Alfred Hooke
1959–1983	Sir Arthur Frederick Deer, CMG, BA LLB BEc
1959–	Helen Elizabeth Archdale, MBE, BA *McG* LLM *Lond.*
1960–1965	Professor Frank Rees Magarey, MD BS *Adel.*, MRCP FCPath MCPA Hon.FRACS
1962–1963	Professor William Henry Wittrick, MA ScD *Camb.* PhD, FRAeS AFAIAA FAA

1962–1967	Professor Sydney James Christopher Lyon Butlin, MA DLitt *Camb.* BEc
1963–1964 1975–	Peter Stephen Wilenski, MA *Oxf.* MPA *Harv.* MA *Car.* MB BS
1964–1967	Professor Peter Thomas Fink, BE, FRAeS MIMechE MAIAA
1964–1968	Sir Angus Johnston Murray, OBE, MB ChM, FRCSEd FRCOG
1964–1969	The Reverend Alan Abernethy Dougan, MA
1964–1969	Michael Donald Kirby, MA BEc LLM
1964–1974	The Honourable Mr Justice Le Gay Brereton, BA LLB
1964–	The Hon. Mr Justice David Mayer Selby, ED, BA LLB
1965–1967	William Walter Pettingell, CBE, BSc
1965–1976	Keith Ralph Doyle, BEc, MLA
1966–1967	Professor Ralph Barstow Farrell, DrPhil *Berl.* MA
1966–1967	Professor John Loewenthal, CMG ED, MS *Melb.* MB BS, FRCS FRACS FACS Hon.FACS Hon.FRCSEd FCS(SA)
1966–1967	Professor Jack William Roderick, MA *Camb.* MSc PhD *Brist.*, MIStructE MICE MASCE AFRAeS MIEAust FAA
1966–1978	Grahame Edgar, OBE, DVSc, ARCVS FACVS
1967–1968	The Hon. Arthur Dalgety Bridges, MLC, FCA
1967–1971	Raymond Arthur Priddle, BE, MIEAust
1967–1981	Professor Sir Bruce Williams, KBE, BA *Melb.* MA *Adel.* MA(Econ) *Manc.* Hon.DLitt *Keele,* FASSA
1968	Professor David Gilbert Benjafield, DPhil *Oxf.* LLB
1968–1969	Associate Professor Robert Vernon Stuart Bain, MSc *Adel.* BVSc
1968–1969 1974–1975	Professor Harold Leslie Rogers, MA *Oxf.*
1968–1971	Professor Richard Norman Johnson, BArch, ARIBA FRAIA
1968–1976	The Honourable Frederick Maclean Hewitt, MLC
1969–1971	James Jacob Spigelman, BA LLB
1969–1972	David James Armour Verco, MA DipEd
1969–1973	Professor Michael Gleeson Taylor, MD BS *Adel.* PhD *Lond.*, MRACP (*ex officio* 1969–1973)
1969–1974	Professor Charles Ruthven Bickerton Blackburn, ED, MD BS, FRCP FRACP
1969–1974	Professor Leonie Judith Kramer, BA *Melb.* DPhil *Oxf.*
1969–1974 1976–1977	Associate Professor Edward Lawrence Wheelwright, DFC, MA *St And.*
1969–1975	Gordon Page Barton, BA LLB BEc
1969–1975	Sir Theo Kelly, OBE
1969–1978	Arthur George Lowndes, CBE, MSc
1970–1971 1978–1979	Professor Rex Milton Butterfield, PhD DVSc *Qld* MVSc, FACVSc
1970–1975	The Honourable Mr Justice Robert Marsden Hope, LLB
1970–1977 1979–1982	Professor Stuart Thomas Butler, PhD *Birm.* MSc *Adel.* DSc *A.N.U.*, FAA
1971–1973	William James Waters, MEc
1972	Eric Archibald Willis, BA, MLA
1972–1973	Leslie Norman Balaam, BSc *Qld* MSc
1972–1973	Alexander Idrisyn Jones, MA LLB
1972–1973	Professor Noel Desmond Martin, MDS, FACD FAPHA FICD FRACDS AIAOP
1972–1978	Harold Robert Richardson, BScAgr
1972–1982	Arthur John Buchan, BSc DipEd
1973–1974	Jean Curthoys, BA
1973–1974	John Paul Gerofi, BSc BE
1973–1974	Michael John Joseph, BA LLB
1974	Bernard Anthony Coles, BA LLB
1974	Professor Donald William George, BSc BE PhD, FIEE FIEAust FIMechE AAIP (*ex officio*)
1974	Associate Professor Jack Raymond Phillips, BMechE PhD *Melb.*, FIEAust
1974–1975	Edith May Lees, BSc PhD *Lond.*
1974–1977 1981–	Professor John Manning Ward, AO, MA LLB, FAHA FASSA FRAHS
1974–1979	Associate Professor John Ronald Simons, PhD *Lond.* MSc
1974–1983	Harold Thomas Brown
1974–1983	Professor Thomas Robert Watson, MSc *N.Z.* PhD, ARACI
1975	Kenneth Maurice Brimaud
1975	Helen Jane McNaught
1975–1976	The Reverend Norman Charles Webb, MA *Camb.*
1975–1977	David Hugh Patch
1975–1978	Robin June Parsons, PhD *Macq.* BA
1975–1979	Wilson Harold Maze, MBE, MSc
1975–1979	Barbara Constance Wyburn Munro, BArch
1975–1982	Daphne Anne Kok, BA LLM
1975–1983	Sir John Seymour Proud, BE
1975–	Grosvenor Charles Thomas Burfitt-Williams, DO *R.C.P.&S.* MB, BS, FRACO FRACS
1975–	William Griffith McBride, AO CBE, MD BS, FRCOG
1976	Robert Peter Gaussen
1976–1977	Roderick Macduff O'Donnell, BE MEngSc *Qld*
1976–1978	Anthony Valentine Patrick Johnson, MP
1976–1979	Associate Professor Robert John Hunter, BSc PhD, FRACI
1976–1982	Professor Charles Cyril Renwick, MEc
1976–1977 1980–1983	Professor John Makepeace Bennett, BE(Civ) BE(Mech. & Elec.) BSc *Qld* PhD *Camb.* FTS LMACS FBCS FIEAust FIMA
1977–1978	Nicholas Maxwell Fisk
1978	Barbara Mary Ramjan
1978–1979 and 1981	Alexander Edward Naple, BEc LLB
1978–1980 1981–	The Hon. David Paul Landa, LLB, MLC
1978–1981	John Jaye Ashley, PhD *Calif.* MSc, MPS
1978–1981	Faith Bandler
1978–1981	Professor Denison Campbell-Allen, MA *Camb.*, FICE FIEAust MRAeS
1978–1981 1984–	Professor John Atherton Young, MD BS BSc(Path) DSc *Qld,* FRACP
1978–	Rodney Mark Cavalier, BA MP
1978–	Laurence Elwyn Short, AO OBE
1979	Anthony John Abbott, BEc
1979	David Stephen Havyatt
1979–1983	Alexander Boden, BSc, FRACI
1979–	Katherine Evelyn Georgouras, MB BS DDM, FACD
1980	Anne Kathleen Britton
1980	Tanya Pamela Coleman

OFFICERS

1980	Andrew John Pik, MSc *Calg.* BSc
1980–1981	The Hon. James Kaldis, MLC
1980–1981	Peter John Terence Cathcart Stanbury, BSc PhD *Adel.*, AMAA
1980–	John George Mackinolty, LLM *Melb.*
1981	Paul Le Gay Brereton, BA
1981	Sarah Hamline Jean Sheehan
1981–1983	The Hon. Edward Gough Whitlam AC, QC, BA LLB Hon.DLitt
1982	Susan Mary Bastick, BA
1982–	Adam Farrar, BA
1982–1983	Paul Wormell, BSc
1982–	Gaston Egon Bauer, MB BS, FRACP FRCP FACC
1982–	Baiba Beata Berzins, MA DipArchAdmin *N.S.W.* BA
1982–	Professor Neville Collis-George, MSc *Manc.* PhD *Camb.*
1982–	Patricia Mary Lahy, PhD *Belf.* BA
1982–	Associate Professor Jean Margaret Sabine, MSc *Melb.* PhD *Lond.*, MASM
1982–	Douglas Arthur Swan, BA, FACE
1982–	Professor Peter Robert Wilson, BA MSc *Melb.* PhD, FRAS
1983–	Katherine Ingram, BSc *Macq.*
1983–	John Kenneth Martin, BEc
1983–	David Greenberg Block, AO
1983–	Emeritus Professor Raymond John Chambers, AO, BEc DScEcon, FASA FASSA
1983–	Kenneth George Coles, BE, MIEAust FIEMechE FAIM
1983–	David Hill, MEc
1983–	The Hon. Mr Justice James Robert McClelland, BA LLB
1983–	Andrew John Refshauge, MB BS, MP
1984–	Betty Dorothy Johnson
1984–	Professor John Ross Egerton, BVSc *Qld* DipBact *Lond.*, MACVSc MASM

Statutes

Royal Charter of the University of Sydney **97**

The University and University Colleges Act, 1900 **98**

Other Acts of Parliament relating to the University **105**

By-laws[1] and Resolutions[2] **107**

The Resolutions of the Senate, the Academic Board, and a faculty or a board of studies are set out in this order following the chapter of the by-laws under which the resolutions are enacted.

Chapter

I	The Chancellor and the Deputy Chancellor	**107**
II	The Senate	**107**
III	The Seal of the University	**115**
IV	Finance	**115**
V	Convocation	**117**
VI	The Vice-Chancellor and other officers	**118**
VII	The Professors	**120**
VIII	Academic Board, faculties, boards of studies, departments, schools and committees	**120**
VIIIA	Maintenance and enforcement of good order within the University	**132**
VIIIB	Discipline of academic staff	**138**
IX	Deans of faculties	**139**
X	Faculty of Arts	**140**
XA	Degrees in Divinity	**178**
XB	Degrees and Diploma in Education	**184**
XC	*Repealed*	**191**

[1] The by-laws are those approved by the Governor and in effect up to and including 14 October 1983.
[2] The resolutions are those approved and in effect up to and including 7 November 1983.

By-laws and resolutions—*continued*

Chapter		
XD	Degrees in Music	191
XE	Degrees in Social Studies	196
XI	Faculty of Law	201
XII	Faculty of Medicine	212
XIII	Faculty of Science	225
XIV	Faculty of Engineering	246
XV	Faculty of Dentistry	265
XVI	Faculty of Veterinary Science	270
XVII	Faculty of Agriculture	277
XVIII	Faculty of Economics	287
XIX	Faculty of Architecture	302
XIXA	Degrees in more than one faculty	326
XIXB	Degree of doctor other than the degrees of Doctor of Medicine, Doctor of Dental Science, Doctor of Music and Doctor of Philosophy	327
XIXC	Research Committee	328
XIXD	Degree of Doctor of Philosophy (PhD)	328
XX	Matriculation	332
XXI	Terms	339
XXII	Courses, examinations and fees	339
XXIII	[*Repealed*]	340
XXIIIA	Students engaged in war service	341
XXIV	Scholarships	341
XXV	Public exhibitions	342
XXVI	Advanced students in Arts and Science	344
XXVIA	Candidature for the degree of Doctor of Philosophy or for any degree of Master or for any diploma for graduates of other universities or persons with equivalent qualifications	345
XXVIB	Enrolment of higher degree candidates	346
XXVII	Admission *ad eundem gradum*	346
XXVIII	Tenure of office of lecturers	347
XXIX	Substitutes for officers	347
XXX	Department of Adult Education	348
XXXI	Diploma in Social Work	349
XXXII	Academic dress	350
XXXIII	Careers and Appointments Service and Appointments Board	352
XXXIV	Postgraduate Committee in Medicine	353
XXXV	Postgraduate Committee in Veterinary Science	355

Additional Resolutions of the Senate 357
Restriction upon number of students who may enrol 357
Admission of students to first year 358
Deferred first year admissions 358
Restriction upon re-enrolment 358
Good cause 361
Admission after exclusion 361
Credit for courses after exclusion from another institution 361
Higher degree theses 361
Changes in requirements for degrees and diplomas 362
Esquire Bedell 362
Honorary appointments to teaching staff 363
Library Committee 363
Use of the University of Sydney Library 363
Law Extension Committee 366
SRC, Union, SUPRA, Sports Union and Women's Sports Association 366
Sydney University Press 367
Lost property 368
Patents 368
Safety policy 368
Control of traffic within the University 369

Additional Resolutions of the Academic Board 372
Transfer of students 372
Discontinuation of attendance at classes and re-enrolment after discontinuation 372
New or alternative courses 372
Excursions 372
Electron microscopy for higher degree candidates 372
Postgraduate students: faculty in which candidature should normally proceed 372
Research students in the scientific laboratories 373

Royal Charter of the University of Sydney

February 27th, 1858

Recites Act of Incorporation.

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, Queen, Defender of the Faith, to all to whom these presents shall come Greeting: WHEREAS under and by virtue of the provisions of an Act of the Governor and Legislative Council of our Colony of New South Wales, passed in the fourteenth year of our reign, No. 31, intituled 'An Act to Incorporate and Endow the University of Sydney', and to which our Royal Assent was granted on the 9th day of December, One Thousand Eight Hundred and Fifty-one, a Senate, consisting of Sixteen Fellows, was incorporated and made a body politic with perpetual succession, under the name of the University of Sydney, with power to grant, after Examination, the several degrees of Bachelor of Arts, Master of Arts, Bachelor of Laws, Doctor of Laws, Bachelor of Medicine, and Doctor of Medicine, and to examine for Medical Degrees in the four Branches of Medicine, Surgery, Midwifery and Pharmacy. AND whereas our trusty and well-beloved Sir William Thomas Denison, Knight Commander of our most honourable Order of the Bath, Lieutenant-Colonel in the Royal Engineers, our Captain-General and Governor-in-Chief in and over our said Colony,

Petition of Senate

has transmitted to us the humble Petition of the Senate of the said University of Sydney under their common seal, dated the 9th day of February, One Thousand Eight Hundred and Fifty-seven, wherein is set forth a statement of the establishment of the said University, the appointment of learned Professors of the Faculty of Arts, and the Provisions adopted and to be adopted in respect of the Faculties of Laws and Medicine, and the course of Education and discipline

Soliciting recognition of Degrees conferred by the University.

for the Scholars, Undergraduates, and Graduates of the said University, and in which it is humbly submitted that the standard of acquirements which must be attained by Graduates in the University of Sydney is not below that prescribed by the most learned Universities of the United Kingdom, and the direction of the studies in the said University has been committed to Professors who have highly distinguished themselves in British Universities, that the rules under which the high standard in the University has been fixed cannot be altered without the approval of our representative in the Colony, and that there is invested in him the power of interference should the rules laid down be unduly relaxed in practice, and that, therefore, the Memorialists confidently hope that the Graduates of the University of Sydney will not be inferior in scholastic requirements to the majority of Graduates of British Universities, and that it is desirable to have the degrees of the University of Sydney generally recognized throughout our dominions; and it is also humbly submitted that although our Royal Assent to the Act of Legislature of New South Wales hereinbefore recited fully satisfies the principle of our law that the power of granting degrees should flow from the Crown, yet that as that assent was conveyed through an Act which has effect only in the territory of New South Wales, the *Memorialists believe that the degrees granted by the said University under the authority of the said Act, are not legally entitled to recognition beyond the limits of New South Wales;* and the Memorialists are in consequence most desirous to obtain a grant from us of Letters Patent requiring all our subjects to recognize the degrees given under the Act of the Local Legislature in the same manner as if the said University of Sydney had been an University established within the United Kingdom under a Royal Charter or an Imperial enactment; and the Memorialists therefore hereby most humbly pray that we will be pleased to take the premises into our gracious consideration and grant to the University of Sydney Letters Patent effective of the object therein set forth.

NOW KNOW YE that we, taking the premises into consideration, and deeming it to be the duty of our Royal office, and for the advancement of religion and morality and the promotion of useful knowledge to hold forth to all classes and denominations of our faithful subjects, without any distinction whatsoever, throughout our dominions *encouragement for pursuing a regular and liberal course of education*, and considering that many persons do prosecute and complete their studies in the Colony of New South Wales, on whom it is just to confer such distinctions and rewards as may induce them to persevere in their laudable pursuits; do, by virtue of our Prerogative Royal and our especial Grace and certain knowledge and mere motion, by these presents of us, our heirs and successors, will, grant and declare that the Degrees of Bachelor of Arts, Master of Arts, Bachelor of Laws, Doctor of Laws, Bachelor of Medicine, and Doctor of Medicine, already granted or conferred or

Such recognition granted.

hereafter to be granted or conferred by the Senate of the said University of Sydney shall be recognized as Academic distinctions and rewards of merit *and be entitled to rank, precedence, and consideration in* our United Kingdom and in our Colonies and possessions throughout the world *as fully as if the said Degree had been granted by any University of our said United Kingdom.* And we further will and ordain that *any variation of the Constitution of the said University* which may at any time or from time to time be made by an Act of the said Governor and Legislature shall not, *so long as the same or a like standard of knowledge is in the opinion of the said Governor preserved as a necessary condition for obtaining the aforesaid degrees therein,* in any manner annul, abrogate, circumscribe, or diminish the privileges conferred on the said University by these our Royal Letters Patent, nor the ranks, rights, privileges, and consideration conferred by such degrees. And, lastly, we do hereby for us, our heirs, and successors, grant and declare that these our Letters Patent or the enrolment or exemplification

thereof shall be in and by all things valid and effectual in law according to the true intent and meaning of same, and shall be construed and adjudged in the most favourable and beneficial sense to the best advantage of the said University, as well in all our courts as elsewhere, notwithstanding any non-recital, uncertainty, or imperfection in these our Letters Patent. IN WITNESS whereof we have caused these our Letters to be made Patent.

Witness ourself at Westminster, the Twenty-seventh day of February, in the Twenty-first year of our Reign.

By WARRANT under the Queen's sign manual.

C. ROMILLY.

The University and University Colleges Act, 1900

(As amended by the Acts of 1902, 1912, 1916, 1924, 1936, 1937, 1948, 1951, 1952, 1959, 1965, 1973 and 1978)

An Act to consolidate the Acts relating to the University of Sydney and Colleges within the University of Sydney.

[Assented to 22nd September, 1900.]

WHEREAS it is expedient for the better advancement of religion and morality and the promotion of useful knowledge, to hold forth to all classes and denominations of Her Majesty's subjects resident in New South Wales, without any distinction whatsoever, an encouragement for pursuing a regular and liberal course of education; and to ascertain by means of examination the persons who acquire proficiency in literature, science, and art, and to reward them by academical degrees as evidence of their respective attainments and by marks of honour proportioned thereto; and to encourage and assist the establishment of colleges within the University of Sydney, in which colleges systematic religious instruction and domestic supervision, with efficient assistance in preparing for the University lectures and examinations, shall be provided for students of the University; Be it therefore enacted by the Queen's Most Excellent Majesty, by and with the advice and consent of the Legislative Council and Legislative Assembly of New South Wales in Parliament assembled, and by the authority of the same, as follows:

PART 1

Preliminary

1. This Act may be cited as the 'University and University Colleges Act, 1900' and is divided into Parts and Divisions, as follows:

PART I.—*Preliminary.*—*ss.* 1-5.
PART II.—*Incorporation and constitution of the University and provisions relating to the Senate.*—*ss.* 6-18.
PART III.—*Examinations and degrees.*—*ss.* 19-23.
PART IV.—*Endowment and finance.*—*ss.* 24-29.
PART V.—*Exhibitions, Lectures, Matriculation and Privileged Officials.*—*ss.* 31A-32.
PART VI.—*Colleges within the University*—
Division 1.—*Interpretation*—*s.* 33.
Division 2.—*Endowment.*—*ss.* 34-40.
Division 3.—*Government of students.*—*s.* 41.
PART VII.—*Colleges outside the Sydney Metropolitan Area.*—*ss.* 42-46.

Repeal Schedule.

2. (1) The Acts mentioned in the Schedule to this Act are, to the extent therein expressed, hereby repealed.

Officers under Acts hereby repealed.

(2) All persons elected or appointed under the Acts hereby repealed, and holding office at the time of the passing of this Act, shall continue in office as if this Act had been in force at the time they were appointed, and they had been appointed hereunder.

Regulation or by-laws under Acts hereby repealed.

(3) All regulations or by-laws made under the authority of any Act hereby repealed, and being in force at the time of the passing of this Act, shall be deemed to have been made under the authority of this Act, and references in such regulations to the provisions of any Act hereby repealed shall be deemed to be references to the corresponding provisions of this Act.

Interpretation.

3. In this Act, unless the context or subject-matter otherwise indicates or requires—

'Bachelor' means any person upon whom the degree of Bachelor has been conferred by the University.

'Doctor' means any person upon whom the degree of Doctor has been conferred by the University.

'Exhibition' means public exhibition awarded to a student who intends to graduate in the University.

'Fellow' means a member of the Senate.

'Higher School Certificate' means a higher school certificate granted in accordance with the provisions of Part III of the Education Act, 1961.

'Leaving Certificate' means—

(1) the leaving certificate granted by the Department of Public Instruction on the recommendation of the Board of Secondary School Studies, in pursuance of regulations under the Public Instruction Act of 1880, and the Acts amending it, to a student leaving a secondary or high school which he has attended; or

(2) a leaving certificate granted by the Department of Public Instruction on the recommendation of the Board of Secondary School Studies to a student leaving a school—(registered under the Bursaries Endowment Act, 1912, and not under the Department of Public Instruction)—who has complied with the conditions prescribed for the leaving certificate granted in pursuance of regulations under the Public Instruction Act of 1880 and the Acts amending it.

'Master' means any person upon whom the degree of Master has been conferred by the University.

'University' means the University of Sydney.

Act not to interfere with rights of Her Majesty.

4. Nothing in this Act shall be deemed to affect or interfere with any right, title, or interest of Her Majesty, Her Heirs and Successors, or in any way to limit the Royal Prerogative.

Women to be admitted to University Privileges.

5. The benefits and advantages of the University, and the provisions of this and any other Act relating thereto, shall be deemed to extend in all respects to women equally with men.

PART II

Incorporation and constitution of the University and provisions relating to the Senate.

The University of Sydney.

6. The University of Sydney is the body politic and corporate incorporated by that name under the Act fourteenth Victoria number thirty-one, and shall, by that name, have a perpetual succession and a common seal and power to sue and be sued, and to take, purchase, and hold all real and personal property whatsoever, whether the same is situate in New South Wales or elsewhere, and to grant, demise, alien, or otherwise dispose of the same, and also to do all other matters and things incidental or appertaining to a body politic.

Provided that the University shall not, unless with the approval of the Minister, alienate, mortgage, charge, or demise any of its lands, except by way of lease for any term not exceeding thirty-one years from the making thereof, by which lease there shall be reserved and made payable during the whole of the term the best yearly rent that can reasonably be obtained without any fine or foregift.

The Senate.

7. (1) The body politic and corporate of the University of Sydney shall consist of a Senate, which shall be constituted by—

(a) four Fellows appointed by the Minister;

(b) one Fellow elected by and from the members of the Legislative Council;

(c) one Fellow elected by and from the members of the Legislative Assembly;

(d) eight Fellows elected by and from such members of the full-time staff of the University as may be prescribed by the by-laws;

(e) ten Fellows elected from persons who are ineligible for election under paragraph (d) by persons who are graduates of the University;

(f) three Fellows elected from persons who are enrolled as candidates proceeding to a degree or diploma in the University and who are ineligible for election under paragraph (d) by persons who are enrolled as candidates proceeding to a degree or diploma in the University;

(g) one Fellow who shall be the person for the time being holding the office of Chancellor, where he is not otherwise a Fellow;

(h) one Fellow who shall be the person for the time being holding the office of Vice-Chancellor; and

(i) three Fellows elected by the other Fellows referred to in this subsection.

(2) An election for the purposes of the election of—

(a) the Fellow referred to in paragraph (b) of subsection (1), shall be held—

(i) as soon as practicable after each periodic Council election within the meaning of section 3 of the Constitution Act, 1902; or

(ii) Where there is a casual vacancy in the office of that Fellow as soon as practicable after that office becomes vacant;

(b) the Fellow referred to in paragraph (c) of subsection (1), shall be held—

(i) as soon as practicable after each general election of members of the Legislative Assembly; or

(ii) where there is a casual vacancy in the office of that Fellow as soon as practicable after that office becomes vacant; and

(c) the Fellows referred to in paragraphs (d), (e), (f) and (i) of subsection (1), shall be held in each case or class of cases as may be prescribed by the by-laws.

(3) For the purposes of paragraph (e) of subsection (1) 'graduates of the University' includes—

(a) the Fellows;

(b) the persons specified in section 32 who by virtue of that section have the same rights and privileges within the University as are enjoyed by Masters and Doctors; and

(c) the persons who possess any certificate or qualification which the Senate may, by by-law made for the purposes of this paragraph, declare to be equivalent to the degree of Bachelor.

(3A) For the purposes of subsection (1) (d), 'members of the full-time staff of the University' includes persons—

(a) upon whom the Senate has conferred the title of Professor, Reader, Associate Professor, Senior Lecturer or Lecturer; and

(b) who are members of the full-time staff of such institutions or organisations as may be prescribed by the by-laws.

(4) Where a person (not being a person who is a Fellow) is appointed at any time by the Senate to act in the place of the Vice-Chancellor, that person shall, while so acting, be deemed to be a Fellow.

Tenure of office of Fellows.

8. (1) Subject to this Act, a Fellow shall hold office—

(a) in the case of a Fellow appointed by the Minister, for a term of four years;

(b) in the case of a Fellow referred to in paragraph (b) or (c) of subsection (1) of section 7, until a member of the House of Parliament that elected him is elected by that House to replace him; and (c) in the case of a Fellow referred to in paragraph (d), (e), (f) or (i) of subsection (1) of section 7, for such term not exceeding four years as the by-laws may prescribe.

(2) A retiring Fellow shall not, by reason only of his retirement, be disqualified from again becoming a Fellow.

(3) A by-law for the purposes of paragraph (c) of subsection (1) may—

(a) prescribe a term of office by reference to determined, or determinable, days of commencement and termination;

(b) prescribe different terms of office in respect of different classes of Fellows; and

(c) provide for the retirement in rotation of Fellows of a particular class or classes.

9. A Fellow shall be deemed to have vacated his office if he—

(a) dies;

(b) *[Repealed]*

(c) declines to act;

(d) resigns his office by writing under his hand addressed—

(i) in the case of a Fellow referred to in paragraph (a) of subsection (1) of section 7, to the Minister;

(ii) in the case of a Fellow referred to in paragraph (b) of subsection (1) of section 7, to the President of the Legislative Council;

(iii) in the case of a Fellow referred to in paragraph (c) of subsection (1) of section 7, to the Speaker of the Legislative Assembly; and

(iv) in the case of a Fellow referred to in paragraph (d), (e), (f) or (i) of subsection (1) of section 7, to the Vice-Chancellor;

(e) becomes in the case of a Fellow referred to in paragraph (d), (e), (f) or (i) of subsection (1) of section 7, bankrupt, applies to take the benefit of any law for the relief of bankrupt or insolvent debtors, compounds with his creditors or makes any assignment of his estate for their benefit;

(f) becomes, in the case of a Fellow referred to in paragraph (d), (e), (f) or (i) of subsection (1) of section 7, a temporary patient or a continued treatment patient, a protected person or an incapable person within the meaning of the Mental Health Act, 1958, or a person under detention under Part VII of that Act;

(g) absents himself, in the case of any Fellow other than a Fellow referred to in paragraph (b), (c), (g) or (h) of subsection (1) of section 7, from four consecutive meetings of the Senate without leave of the Senate;

(h) ceases, in the case of a Fellow referred to in section 7 (1) (b)—

(i) to be a member of the Legislative Council otherwise than by reason of section 22B (1) (c) of the Constitution Act, 1902; or

(ii) to be a member of the Legislative Council by reason of section 22B (1) (c) of that Act and does not become a candidate at the next periodic Council election within the meaning of section 3 of that Act or, as the case may be, becomes a candidate but is not elected;

(i) ceases, in the case of a Fellow referred to in paragraph (c) of subsection (1) of section 7—

(i) to be a member of the Legislative Assembly otherwise than by reason of its dissolution or its expiration by effluxion of time; or

(ii) to be a member of the Legislative Assembly by reason of its dissolution or its expiration by effluxion of time and does not become a candidate at the next general election of members of that Assembly or, as the case may be, becomes a candidate but is not elected;

(j) ceases, in the case of a Fellow referred to in paragraph (d) of subsection (1) of section 7, to be a member of the body referred to in that paragraph;

(k) becomes, in the case of a Fellow referred to in paragraph (e) or (f) of subsection (1) of section 7, a member of such class or classes of members of the full-time staff of the University as may be prescribed by the by-laws; or

(l) ceases, in the case of a Fellow referred to in paragraph (f) of subsection (1) of section 7, to be enrolled as a candidate proceeding to a degree or diploma in the University.

Casual vacancy.

9A. A casual vacancy in the Senate shall—

(a) in the case of a Fellow referred to in paragraph (a) of subsection (1) of section 7, be filled by such person as the Minister may appoint; and

(b) in the case of a Fellow referred to in paragraph (d), (e), (f) or (i) of subsection (1) of section 7, be filled, in such manner as may be prescribed by the by-laws, by a person qualified in accordance with that section to be elected to the vacancy concerned, and any Fellow filling a casual vacancy under this section shall hold office for the residue of the term of office of his predecessor.

Chancellor.

10. (1) The Senate shall elect, by a majority of votes, a Chancellor of the University, who shall hold office for such period as the Senate shall from time to time appoint.

Vacancies in office of Chancellor.

(2) Whenever a vacancy occurs in the office of Chancellor of the University by reason of death, resignation, or otherwise, the Senate shall elect a person (whether a Fellow or not) to be Chancellor of the University.

Deputy Chancellor.

11. (1) The Senate shall annually, on a day of which due notice has been given, elect out of their own body a Deputy Chancellor of the University, who shall hold office for one year.

Vacancies in office of Deputy Chancellor.

(2) Whenever a vacancy occurs in the said office by death, resignation, or otherwise before the expiration of the year of office, the Senate shall, as soon as conveniently may be, hold a meeting of which due notice has been given, and at such meeting elect out of their own body some other person to be Deputy Chancellor for the remainder of the year.

Deputy Chancellor eligible for re-election.

(3) Any Deputy Chancellor shall be capable of re-election as often as is deemed meet.

Chairman of meetings of the Senate.

12. At every meeting of the Senate the Chancellor or, in his absence, the Deputy Chancellor shall preside as chairman, but if the Chancellor and the Deputy Chancellor are both absent, the Fellows present shall elect a chairman.

Questions how decided.

13. (1) All questions which come before the Senate shall be decided at any meeting duly convened, at which a quorum is present, by a majority of the votes of the Fellows present.

Chairman.

(2) The Chairman at any such meeting shall have a vote, and in case of an equality of votes a second or casting vote.

Quorum.

(3) At any such meeting fourteen Fellows shall form a quorum.

(4) No act or proceeding of the Senate or any committee thereof, or of the Vice-Chancellor of or any other person acting pursuant to any direction of the Senate, shall be invalidated or prejudiced by reason only of the fact that at the time the act or proceeding was done, taken or commenced there was a vacancy or a number of vacancies, not exceeding ten, in the office or offices of any Fellow or Fellows.

(5) All acts and proceedings of the Senate of any committee thereof, or of the Vice-Chancellor or any other person acting pursuant to any direction of the Senate, shall, notwithstanding the subsequent discovery of any defect in the appointment or election of any Fellow or that any such Fellow was disqualified from acting as or is incapable of being a Fellow, be as valid as if that Fellow had been duly appointed or elected and was qualified to act or was capable of being a Fellow and had acted as a Fellow and as if the Senate had been properly and fully constituted.

14. (1) [*Repealed*]

May appoint Vice-Chancellor.

(1A) The Senate may appoint an officer who shall be styled the Vice-Chancellor and who shall have and exercise such powers, rights, duties, and functions as may be prescribed by by-laws made by the Senate.

And to have entire management.

(2) The Senate shall have the entire management of and superintendence over the affairs, concerns, and property of the University, and in all cases unprovided for by this Act the Senate may act in such manner as appears to them to be best calculated to promote the purposes of the University.

Evening Tutorial Classes.

14A. The Senate shall provide for the establishment and maintenance of evening tutorial classes in such subjects as it may determine.

Such classes shall be open to students whether they have or have not matriculated within the University.

The Senate may issue certificates in respect of students who have in such classes studied for at least one year in any one subject.

15. (1) The Senate may make by-laws relating to— By-laws.

(a) the discipline of the University;

(a1) the matriculation, admission and enrolment of students;

(b) examinations for and the granting of scholarships, exhibitions, degrees, diplomas or honours;

(c) the conferring of *ad eundem* degrees;

(c1) the establishing and regulating of evening tutorial classes;

(d) the mode and time of convening meetings of the Senate; and

(e) all other matters whatsoever regarding the University.

(2) The by-laws may provide for empowering any authority (including the Senate) or officer or class of officers of the University to make regulations, rules or orders (not inconsistent with this Act or with any by-laws) for regulating, or providing for the regulation of, any specified matter (being a matter with respect to which by-laws may be made) or for carrying out or giving effect to the by-laws.

(3) Any regulation, rule or order referred to in subsection (2)—

(a) shall have the same force and effect as a by-law;

(b) may, from time to time as the occasion requires, be amended or repealed by any authority (including the Senate) or officer or class of officers of the University empowered by subsection (2) to make the regulation, rule or order; and

(c) shall be deemed not to be within the meaning of the term 'regulation' as defined in section 41 of the Interpretation Act, 1897.

(4) Every by-law shall be reduced to writing and submitted for the consideration and approval of the Governor, and when approved shall be countersigned by him, and when so countersigned and sealed with the seal of the University shall be of full force and effect.

(5) Section 41 of the Interpretation Act, 1897, applies in respect of a by-law made under this section as if this Act had been passed after the commencement of the Interpretation (Amendment) Act, 1969.

University to report proceedings to the Minister.

16. (1) As soon as practicable after the first day of January in each year, the Senate shall, in respect of the period of twelve months immediately preceding that day, prepare and furnish to the Minister a report upon the proceedings of the University during that period.

(2) A copy of each report under subsection (1) shall be laid before both Houses of Parliament as soon as practicable after it has been received by the Minister.

Visitor.

17. The Governor of New South Wales shall be the visitor of the University, with authority to do all things that pertain to visitors as often as he deems meet.

Religious tests.

18. No religious test shall be administered to any person in order to entitle him to be admitted as a student of the University, or to hold any office therein, or to partake of any advantage or privilege thereof.

PART III

Examinations and degrees

Degrees.

19. (1) The Senate may give such instruction as it thinks fit, and may, after examination, confer the several degrees of Bachelor, Master, and Doctor, and such other degrees and such diplomas in the nature of degrees as it thinks fit in all branches of knowledge.

Status of holders of Certificates.

(2) All persons who obtain any certificate or qualification which the Senate by by-law declares to be of equivalent rank to the degree of Bachelor shall have the same rights and privileges within the University as Bachelors.

Evidence of degree.

20. All degrees conferred by the University shall be evidenced by a certificate given under the seal of the University.

Ad eundem degrees.

21. (1) When any person has obtained in any University, recognized by the by-laws of the University in force for the time being, any degree corresponding or equivalent to any degree which the Senate is now or may hereafter be empowered to confer after examination, the Senate may confer such latter degree upon such persons without examination.

Rights of holders.

(2) The persons upon whom degrees are conferred, under the provisions of the preceding subsection, shall be entitled to the same rights and privileges as appertain to those who have taken the same degrees in the ordinary course in the University.

Honorary degrees and other Distinctions.

21A. (1) The Senate shall have power and shall be deemed always to have had power to confer without examination the several degrees of Bachelor, Master, and Doctor and such other degrees and such certificates in the nature of degrees as the Senate thinks fit upon persons approved by the Senate.

(2) The persons upon whom degrees or certificates are conferred under the provisions of subsection one of this section shall be entitled to the same rights and privileges as appertain to those who have taken the same degrees or certificates, as the case may be in the ordinary course in the University.

Senate may authorize educational establishments to issue certificates.

22. (1) The Senate may authorize any college or educational establishment, whether incorporated or not, instituted for the promotion of literature, science, or art, to issue to candidates for any degree (other than the degrees referred to in section twenty-three of this Act) or diploma certificates to the effect that the candidate for any such degree or diploma has completed such course of instruction therefor as the Senate by regulation prescribes.

Upon which degrees may be granted.

(2) Any person who presents to the Senate any such certificate may be admitted as a candidate for the degree or diploma to which it has reference.

Report on medical establishments by Senate.

23. (1) For the purpose of granting the degrees of Bachelor of Medicine and Doctor of Medicine, and for the improvement of medical education in all its branches, as well in medicine as in surgery, midwifery, and pharmacy, the Senate may report to the Governor the medical institutions and schools, whether incorporated or not, in the city of Sydney, from which, either singly or jointly with other medical institutions and schools in New South Wales or in foreign parts, it appears to the Senate fit and expedient to admit candidates for medical degrees.

Candidates from such establishments may be admitted to degrees.

(2) On approval of such report by the Governor, the Senate shall admit as a candidate for the degree of Bachelor of Medicine or Doctor of Medicine any person who presents to the Senate a certificate from any such institution or school to the effect that such person has completed the course of instruction therefor which the Senate by regulation prescribes.

PART IV

Endowment and Finance

Permanent endowment.

24. (1) There shall be paid by the Treasurer to the University in respect of the year commencing upon the first day of January next following the year in which the University and University Colleges (Amendment) Act, 1973, commences, and in respect of each succeeding year, such sum as the Treasurer may determine having regard to the University's estimated expenditure requirements and income from all sources which is capable of being applied towards meeting those expenditure requirements.

(2) To enable the Treasurer to exercise and perform the powers and functions conferred on him by subsection (1), the University shall in respect of the year commencing upon the first day of January next following the date of commencement of the University and University Colleges (Amendment) Act, 1973, either before or as soon as practicable after that day, and in respect of each succeeding year either before or as soon as possible after its commencement, submit to the Treasurer estimates of the expenditure and income of the University for that year and such other information as the Treasurer may deem necessary.

(3) Any moneys payable by the Treasurer under this section shall be paid out of moneys provided by Parliament.

Fees and charges.

25. The Senate may make by-laws under section 15 for or with respect to—

(a) the payment of such fees and charges, including fines, as it deems necessary, including fees and charges to be paid in respect of—
  (i) entrance to the University;
  (ii) tuition;
  (iii) lectures and classes;
  (iv) examinations;
  (v) residence;
  (vi) the conferring of degrees and diplomas;
  (vii) the provision of amenities and services, whether or not of an academic nature; and
  (viii) an organisation of students or of students and other persons; and

(b) the exemption from, or deferment of, payment of fees and charges, including fines.

26. [*Repealed*]

27. [*Repealed*]

Powers of the Senate in respect of Levey's Legacy.

28. The securities representing the investments of the sum of money bequeathed by the late Solomon Levey, Esquire, to the Sydney College, with the interest thereon, shall be held by the Senate upon trust to continue to hold the same, or to alter them from time to time in favour of other investments at interest upon such security and in such manner in all respects as the Senate in their absolute discretion think fit, and the clear or net interest or income arising therefrom shall be applied in or towards the endowment of a scholarship in the University under such regulations as the Senate, in their absolute and uncontrolled discretion in respect of making and altering the same, deem to be as nearly as circumstances permit in accordance with the intention of the said Solomon Levey in making the aforesaid bequest.

Accounts of annual income and expenditure to be laid before the Legislative Council and Assembly.

29. The Senate shall once in every year transmit a full account of the whole income and expenditure of the University to the Minister, who shall submit the same to the Legislative Council and Legislative Assembly, such account shall be audited by the Auditor-General, but nothing in the section shall prevent the Senate from employing a private auditor to examine the books of account of the University.

PART V

Exhibitions, Lectures, Matriculation and Privileged Officials

30. [*Repealed*]

31. [*Repealed*]

Public Exhibitions.

31A. (1) The Senate shall allot to students entering the University public exhibitions, which shall take the form of exempting the holders from the payment of matriculation, tuition and degree fees to the University; such exhibitions shall be tenable as prescribed by by-laws to be made by the Senate in that behalf: Provided that the exhibitioner shall be of good conduct and shall make such progress in his studies as shall satisfy the Senate.

The Senate may, in any case where it deems proper, permit an exhibitioner to postpone entering the University for a period not exceeding one year.

(2) The number of such exhibitions to be so allotted each year shall be two hundred.

(2A) (a) Subject to subsection three of this section—

(i) one hundred of such exhibitions shall be allotted to the candidates who are highest in the order of merit as shown at the examination for the leaving certificate or higher school certificate (whichever of such examinations may be adopted for the purpose by the Senate by by-laws made under section fifteen of this Act);

(ii) In allotting the remaining one hundred exhibitions the Senate shall have regard solely to such limitations in the circumstances or income of the candidate and his family as may be prescribed by by-laws made under section fifteen of this Act; and where the number of such candidates eligible for an exhibition exceeds one hundred, the Senate shall have regard to the order of merit of those candidates as shown at the examination so adopted.

(b) The Senate shall each year determine the number of such exhibitions to be allotted during that year to students entering each school within the University having due regard to the expressed wish of the exhibitioner.

(3) The exhibitions shall be allotted to those candidates who at the examination adopted in accordance with subsection (2A) of this section—

(a) are the recipients of leaving certificates or higher school certificates (as the case may be):

Provided that—

(i) a certain number of exhibitions, to be determined by the Senate, may be allotted to students at evening tutorial classes who have been candidates at such examination notwithstanding the fact that such students are not the recipients of a leaving certificate or a higher school certificate, as the case may be;

(ii) a certain number of exhibitions to be determined by the Senate may be allotted to persons who have been candidates at such examination and who have been residents of New South Wales for three years, notwithstanding the fact that such persons are not the recipients of a leaving certificate or a higher school certificate as the case may be;

(b) satisfy such requirements as are determined with respect to that examination by the Senate.

(4) The total number of exhibitions to be allotted to persons referred to in the proviso to paragraph (a) of subsection three of this section in any one year shall not exceed twelve.

(5) After the commencement of the University and University Colleges (Amendment) Act, 1952, and until a day to be appointed by the Governor and notified by proclamation published in the Gazette, it shall not be necessary for the Senate to allot public exhibitions pursuant to this section.

Teachers in schools may attend lectures without payment of fees.

31B. The Senate shall allow such teachers in schools under the Public Instruction Act of 1880 as the Minister may approve to attend the University lectures without the payment of any matriculation, tuition or degree fees: Provided that such teachers have previously satisfied the requirements which the Senate determines are necessary for matriculation, have been selected for admission to the University and not otherwise excluded therefrom.

31C. [*Repealed*]

Privileges of students entering by means of leaving certificate or higher school certificate.

31D. Any student entering the University by means of the leaving certificate, higher school certificate or exhibition shall be eligible for any bursary or scholarship or exhibition at the disposal of the Senate, subject to the terms of the foundation thereof.

Members of the University.

32. Each and every of the following officials, that is to say—

(a) every professor and other full-time permanent member of the academic staff of the University; and

(b) every principal of any incorporated college within the University; and

(c) every superior officer of the University declared to be such by any by-law

shall during his tenure of office, but no longer have the same rights and privileges within the University as are enjoyed by Masters and Doctors.

PART VI

Colleges within the University

DIVISION 1.—*Interpretation*

Interpretation.

33. In this part of the Act, unless the context or subject matter otherwise indicates or requires—

'College' means a college within the University.

'Principal' includes the master, warden, rector, or any other head of a college.

DIVISION 2.—*Endowment and subscribed fund*

Endowment of Colleges.

34. (1) There shall be paid by the Treasurer to any college established before or after the commencement of the University and University Colleges (Amendment) Act, 1973, whether or not the college is incorporated by any Act, such sums as the Treasurer may determine.

(2) The whole of any sums paid to a college pursuant to subsection (1) shall be applied to the erection of college buildings on land, being—

(a) land granted by the Crown to the University in trust for the college for or with respect to purposes of the college; or

(b) land conveyed to and accepted by the University in trust for or with respect to purposes of the college.

35. [*Repealed*]

36. [*Repealed*]

Endowment for principal's salary.

37. There shall be paid annually out of the Consolidated Revenue Fund to each college established by the University, whether or not the college is incorporated by any Act, such sum as the Treasurer may determine for or in aid of a salary to be paid to the principal of that college.

38. [*Repealed*]

Provision where selected principal is out of New South Wales.

39. Where any person selected to be the principal of any such college is out of New South Wales at the time of his appointment he shall be entitled to the salary, and the college to which he has been appointed may receive the same accordingly for his use from the day of his embarkation for New South Wales: Provided that every principal shall actually enter on his duties within six months after such embarkation unless the Governor, upon being satisfied that unavoidable obstacles have intervened, thinks fit to extend that term to nine months.

40. [*Repealed*]

DIVISION 3.—*Government of students*

41. (1) Each college shall have the right to provide accommodation, instruction and supervision to any person attending courses of instruction within the University or proceeding to a degree within the University and to members of the teaching staff of the University.

(2) All students and other residents in a college shall be subject to the discipline of the University and of the college.

PART VII

Colleges outside the Sydney Metropolitan Area

Power to establish and maintain colleges.

42. (1) The Senate may, with the approval of the Minister, establish and maintain one or more colleges outside the Sydney Metropolitan Area.

Each such college shall be established at such place within New South Wales, but outside the Sydney Metropolitan Area, as the Senate may think fit.

(2) The University shall have power to acquire by gift, devise or bequest any property upon trust to apply the same or the proceeds thereof or the income therefrom for the benefit of any college established under this Part and to agree to the conditions of any such gift, devise or bequest.

(3) Where, before the establishment under this Part of a college, any property, real or personal, has been vested in or acquired by any person upon trust for the purposes for which such college is established, such person may, when the college is established, convey or transfer such property to the University upon trust to apply the same or the proceeds thereof or the income therefrom for the benefit of the college.

The acceptance by the University of any such property shall be a complete discharge to the person conveying or transferring the same.

Advisory council of each college.

43. (1) There shall be constituted for and in respect of each college established under this Part an advisory council.

(2) Each advisory council shall consist of not less than ten nor more than twenty members.

(3) The members of each advisory council shall be appointed by the Minister on the nomination of the Senate.

(4) Each advisory council shall have and may exercise and perform such powers, authorities, duties and functions as may be prescribed by by-laws made by the Senate.

Senate to appoint officers, etc., and manage property.

44. (1) The powers conferred on the Senate by subsection one of section fourteen[1] of this Act shall extend to and in respect of all professors and other employees of the University engaged in or in connection with any college established under this Part.

(2) The Senate shall have the entire management of the superintendence over the affairs and concerns of each college established under this Part and of any property of the University held upon trust for the purposes of a college established under this Part, and in all cases unprovided for by this Act the Senate may, in relation to any such property, act in such manner as appears to them to be best calculated to promote the purposes of the college.

(3) Without prejudice to the generality of subsection two of this section the Senate may make provision for classes and courses of instruction in such subjects as it may think fit at any college established under this Part and may also make provision for the conduct of examinations at any such college.

(4) The Senate may delegate to the advisory council constituted for or in respect of any college established under this Part any of the powers, authorities, duties and functions conferred or imposed upon the Senate by this section.

Treasurer to meet costs incurred in establishment and maintenance of each college.

45. (1) Any expenditure incurred by the University for or in respect of the establishment or maintenance of any college established under this Part which is so incurred with the approval of the Governor given on the recommendation of the Treasurer is in this section referred to as approved expenditure.

(2) The Treasurer shall, in each year, pay to the University the amount by which the approved expenditure in connection with any college established under this Part exceeds the income from all sources of the University derived in connection with that college or so much of such income as is capable of being applied for the purpose of meeting approved expenditure.

(3) Any moneys payable by the Treasurer under this section shall be paid out of moneys provided by Parliament.

By-laws.

46. (1) The Senate may make by-laws relating to—

(a) the discipline of colleges established under this Part;

(b) the classes and courses of instruction provided at colleges established under this Part and the conduct of examinations at such colleges;

(c) advisory councils constituted for or in relation to colleges established under this Part;

(d) the delegation of powers, authorities, duties and functions of the Senate to advisory councils;

[1] Section 14(1) has been repealed.

(e) any matter which is required or permitted by this Part of this Act to be prescribed by by-laws or which is necessary or convenient to be so prescribed for carrying this Part of this Act into effect.

(2) Any by-law may be made to apply to all colleges established under this Part or to any specified college.

(3) Every such by-law shall be sealed with the seal of the University and shall be transmitted for the consideration and approval of the Governor, and when approved shall be countersigned by him, and when so countersigned and sealed with the seal of the University shall be of full force and effect.

(4) Section 41 of the Interpretation Act, 1897, applies in respect of a by-law made under this section as if this Act had been passed after the commencement of the Interpretation (Amendment) Act, 1969.

PART VIII

Acquisition of land

Acquisition of land.

47. (1) For the purposes of this Act, the Governor may, on the recommendation of the Minister, resume or appropriate any land under Division 1 of Part V of the Public Works Act, 1912.

(2) The Minister shall not make a recommendation for the purpose of subsection (1) unless he is satisfied that adequate provision has been or will be made for the payment by the University of compensation for the resumption or appropriation and of all necessary charges and expenses incidental to the resumption or appropriation.

(3) A resumption or appropriation effected pursuant to subsection (1) shall be deemed to be for an authorised work within the meaning of the Public Works Act, 1912, and the Minister shall, in relation to that authorised work, be deemed to be the Constructing Authority within the meaning of that Act.

(4) Sections 34, 35, 36 and 37 of the Public Works Act, 1912, do not, but section 38 of that Act does, apply in relation to a resumption or appropriation under this section.

Transfer of land to University.

48. (1) Where land is vested in the Minister as Constructing Authority within the meaning of the Public Works Act, 1912, by virtue of a resumption or appropriation effected pursuant to section 47 (1), the Minister may convey or transfer that land to the University for such estate, and subject to such trusts and rights of way or other easements, as he thinks fit.

(2) A conveyance, transfer or other instrument executed for the purposes of subsection (1)—

(a) is not liable to be stamped with stamp duty under the Stamp Duties Act, 1920; and

(b) may be registered under any Act without fee.

Other Acts of Parliament relating to the University

Act No. 14, 1912, 'Bursary Endowment Act, 1912'. An Act to establish a fund for bursaries tenable in secondary schools and in the University of Sydney; to constitute a board of control; and for purposes consequent thereon or incidental thereto. [Assented to, 4 April 1912.]

[1]Act No. 78, 1916, 'University (Amendment) Act, 1916', increasing the statutory endowment from twenty to thirty thousand pounds per annum and providing a statutory endowment of two thousand pounds per annum for establishing and maintaining a chair of Architecture.

[*Repealed by Act No.* 30, 1937.]

[1]Act No. 19, 1917, 'University Prizes and Medals Alteration Act, 1917', empowering the University to award the Fairfax Prizes, the John West Medal and the Grahame Prize Medal at the University Examinations for Scholarships at entrance to the University.

[2]Act No. 2, 1918, 'University (Senate) Amendment Act, 1918', providing that the members of the present Senate of the University of Sydney shall continue in office until a day to be proclaimed by the Governor, and for that purpose to amend the Acts relating to the said University.

[2]Act No. 43, 1918, 'University Amendment (Exhibitioners' Fees) Act', authorising the Senate of the University of Sydney to defray from the statutory endowment the fees, at Universities and Educational Institutions abroad, of certain persons holding public exhibitions at the University of Sydney; for that purpose to amend the Acts relating to such University; and for purposes consequent thereon or incidental thereto.

[3]Act No. 12, 1919, 'University (Building) Act, 1919'. An Act to appropriate and apply out of the Consolidated Revenue Fund certain sums for the Senate of the University of Sydney; and for purposes consequent thereon or incidental thereto. [Assented to, 26 November 1919.]

Act No. 21, 1936, 'Public Instruction (Amendment) Act, 1936'. An Act to amend in certain respects the Public Instruction Act of 1880, the University and University Colleges Act, 1900, the Bursary Endowment Act, 1912, and certain other Acts; and for pur-

[1] Printed in 1918 Calendar.
[2] Printed in 1919 Calendar.
[3] Printed in 1924 Calendar.

poses connected therewith. [Assented to, 22 June 1936.]

Act No. 30, 1937, 'University and University Colleges (Amendment) Act, 1937'. An Act to make provision for the establishment and maintenance by the University of Sydney of colleges outside the Sydney Metropolitan Area; for these and other purposes to amend the University and University Colleges Act, 1900–1936, and certain other Acts in certain respects, and to repeal the University (Amendment) Act, 1916; and for purposes connected therewith. [Assented to, 23 December 1937.]

Act No. 36, 1937, 'University and College Lands and Victoria Park (Amendment) Act, 1937'. An Act to carry into effect the exchange of certain land between the Municipal Council of Sydney and the University of Sydney; to provide that certain lands shall be a public road, and for the closing of a certain part of a public road; to amend the University and College Lands and Victoria Park Act, 1924, the Victoria and Rushcutters Bay Parks Act, and certain other Acts; and for purposes connected therewith. [Assented to, 23 December 1937.]

Act No. 24, 1948, 'University and University Colleges (Amendment) Act, 1948'. An Act to increase the amount payable yearly by way of permanent endowment for the University of Sydney; for this purpose to amend the University and University Colleges Act, 1900–1937; to validate certain matters; and for purposes connected therewith. [Assented to, 21 May 1948.]

Act No. 36, 1957, 'Bursary Endowment (Amendment) Act, 1957'. An Act to make provision for the reconstitution of the Bursary Endowment Board; for this and other purposes to amend the Bursary Endowment Act, 1912, as amended by subsequent Acts; to validate certain matters; and for purposes connected therewith. [Assented to, 22 November 1957.]

No. 27 of 1958, 'States Grant (Universities) Act 1958'. An Act to make provision for the granting of Financial Assistance to the States in connexion with Universities, and for other purposes. [Assented to, 21 May 1958.] (Commonwealth.)

Act No. 6, 1959, 'University and University Colleges (Amendment) Act, 1959'. An Act to provide for the reconstitution of the Board of Secondary School Studies; for this purpose to amend the University and University Colleges Act, 1900–1952; and for purposes connected therewith. [Assented to, 24 September 1959.]

No. 106 of 1960, 'States Grants (Universities) Act, 1960'. An Act to make provision for the grant of Financial Assistance to the States in connexion with Universities, and for other purposes. [Assented to, 16 December 1960.] (Commonwealth.)

Act No. 47, 1961, 'Education Act, 1961'. An Act to make further provision in respect to secondary education; for this purpose to constitute a Secondary Schools Board and a Board of Senior School Studies, to provide for the grant of School and Higher School Certificates and to amend the Public Instruction Act of 1880 as amended by subsequent Acts; and for purposes connected therewith. [Assented to, 30 November 1961.]

Act No. 18, 1962, 'University of Sydney (J. J. W. Power Bequest) Act, 1962'. An Act relating to shares in the Mutual Life and Citizens' Assurance Company Limited bequeathed to the University of Sydney by the will of John Joseph Wardell Power, late of the Island of Jersey; and for purposes connected therewith. [Assented to, 21 May 1962.]

No. 51 of 1962, 'State Grants (Universities) Act, 1962'. An Act to amend the States Grant (Universities) Act 1960. [Assented to, 28 May 1962.] (Commonwealth.)

No. 68 of 1963, 'Universities (Financial Assistance) Act 1963'. An Act to make provision for the grant of Financial Assistance to the States in connexion with Universities. [Assented to, 31 October 1963.] (Commonwealth.)

No. 75 of 1963, 'States Grant (Universities) Act (No. 2) 1963'. An Act to amend the States Grants (Universities) Act 1963. [Assented to, 31 October 1963.] (Commonwealth.)

Act No. 129, 1964, 'Universities (Financial Assistance) Act 1964'. An Act to amend the Universities (Financial Assistance) Act 1963. [Assented to, 24 November 1964.] (Commonwealth.)

Act No. 130, 1964, 'States Grants (Universities) Act 1964'. An Act to amend the States Grants (Universities) Act 1960. [Assented to, 24 November 1964.] (Commonwealth.)

Act No. 40, 1964, 'Universities (Financial Assistance) Act 1965'. An Act to amend the Universities (Financial Assistance) Act 1963. [Assented to, 15 June 1965.] (Commonwealth.)

Act No. 101, 1965, 'Universities (Financial Assistance) Act (No. 2) 1965'. An Act to make provision for the grant of Financial Assistance to the States in connection with Universities. [Assented to, 13 December 1965.] (Commonwealth.)

Act No. 33, 1965, 'Decimal Currency Act, 1965'. [Assented to, 20 December 1965.]

Act No. 90, 1966, 'Universities (Financial Assistance) Act 1966'. An Act to make provision for the grant of Financial Assistance to the States in connection with Universities. [Assented to, 29 October 1966.] (Commonwealth.)

Act No. 91, 1966, 'Universities (Financial Assistance) Act (No. 2) 1966'. An Act to amend the Universities (Financial Assistance) Act 1963. [Assented to, 29 October 1966.] (Commonwealth.)

Act No. 26, 1967, 'University of Sydney (Law School Site) Act, 1967'. [Assented to, 23 March 1967.]

Act No. 1, 1973, 'University and University Colleges (Amendment) Act, 1973'. [Assented to, 14 March 1973.]

Act No. 87, 1978, 'University and University Colleges (Constitution Amendment) Act, 1978'. [Assented to, 11 September 1978.]

Act No. 168, 1978, 'University and University Colleges (Amendment) Act (No. 2) 1978'. [Assented to, 29 December 1978.]

The Chancellor and Deputy Chancellor

The Senate

BY-LAWS CHAPTER I

1. The election to the office of Chancellor shall take place at a duly convened meeting of the Senate, to be held in Lent Term.
2. The Chancellor shall be elected for a period of three years (except as hereinafter provided), to be computed from the date of election, but shall be eligible for re-election.
3. In the event of the office of Chancellor becoming vacant by death, resignation, or otherwise, before the expiration of the full term of office herein prescribed, the election of a successor shall be proceeded with at the next ensuing regular meeting of the Senate, and the Chancellor so appointed shall hold office until the Lent Term next after the expiration of three years from the date of such election.
4. The election of Deputy Chancellor shall take place annually at a duly convened meeting of the Senate, to be held in Lent Term, except as in cases otherwise provided by the Act of Incorporation.
5. (1) The Chancellor may preside at any meeting of any Committee constituted by any by-law or by any resolution of the Senate, and at any meeting of any Board other than a Proctorial Board or Faculty within the University, and shall have all the rights and powers of the Chairman of any such Committee, Board or Faculty.
   (2) If the Chancellor does not desire or is unable to act, or if the office of Chancellor is vacant, the Deputy Chancellor may preside at any such meeting, and shall have the like rights and powers.
   (3) This By-law shall have effect notwithstanding the provisions of any other By-law.

BY-LAWS CHAPTER II

MEETINGS AND RULES OF PROCEDURE

1. The Senate shall meet on the first Monday in every month, or on the nearest convenient day should such first Monday be a public holiday, and may adjourn from time to time to conclude any unfinished business.
2. At any time in the interval between such meetings it shall be competent for the Chancellor, or, in his absence, the Deputy Chancellor, or, in the absence of both, the Vice-Chancellor, in any case of emergency, to call a special meeting of the Senate, to be held as soon as conveniently may be, for the consideration of any business which he may wish to submit to the Senate.
3. Upon the written requisition of any three members the Chancellor, or, in his absence, the Deputy Chancellor, or, in the absence of both, the Vice-Chancellor, or, in the absence of all three, the Registrar shall convene a special meeting of the Senate, to be held as soon as conveniently may be after the expiration of seven days from the receipt of such requisition.
4. Except in the case of a motion moved by the Vice-Chancellor, being in the opinion of the Chancellor and of the Vice-Chancellor a matter of urgency, no motion initiating a subject for discussion shall be made but in pursuance of notice given at the previous meeting or given with the summons referred to in Section 5 and every such notice shall be entered in a book to be kept by the Registrar for that purpose.
5. The Registrar shall issue to each member of the Senate a summons with a written specification of the various matters to be considered at the next meeting of the Senate, whether such meeting be an ordinary or special one; and such summons, except in any case of emergency, as aforesaid, shall be issued at least three days previous to such meeting.
6. In the event of a quorum[1] of the Senate not being present at any meeting within half an hour after the hour appointed, the members then present may appoint any convenient future day, of which at least three days' notice shall be given by the Registrar in the usual manner.
7. All the proceedings of the Senate shall be entered in a journal, and at the opening of each meeting the minutes of the preceding meeting shall be read and confirmed, and the signature of the Chairman then presiding shall be attached thereto.

[1] See University and University Colleges Act, s. 13.

FELLOWS ELECTED BY AND FROM THE FULL-TIME STAFF

8. (1) The Fellow referred to in section 9 (1) (a) shall be elected by the persons referred to in that paragraph at a meeting called for that purpose by notice by the Registrar at least seven days before the day fixed for the meeting in September of every alternate year commencing in 1973.

(2) Ballots in connection with elections of Fellows of the classes specified in section 9 (1) (b), (c) and (d) may be held on such day or days in 1973 and every alternate year thereafter as the Senate shall appoint.

(3) Subject to subsection (4) a Fellow referred to in section 9 (1) shall hold office for the term of two years from 1st January next following his election.

(4) A Fellow referred to in section 9 (1) (b), (c) or (d) declared elected after 1st January in the first year of the term in respect of which he is elected shall hold office from the day upon which he is declared elected until 31st December in the second year of that term.

9. (1) Of the Fellows referred to in section 7 (1) (d) of the Act—

(a) one Fellow shall be elected by and from those members of the Academic Board who are members of the full-time permanent staff;

(b) three Fellows who are Professors shall be elected from the full-time permanent members of the academic staff;

(c) three Fellows who are not Professors shall be elected from the full-time permanent members of the academic staff; and

(d) one Fellow shall be elected by and from the full-time permanent members of the non-academic staff who have been employed by the University continuously for at least three years prior to the date on which nominations for the election close and who are still so employed on that date.

(2) For the purposes of subsection (1) (b) and (c), 'Professor' includes the Vice-Chancellor, the Deputy Vice-Chancellors, the Deputy Principal, the Registrar, the Librarian and the Director of the Department of Adult Education.

(3) The Fellows referred to in subsection (1) (b) and (c) shall be elected by the full-time permanent members of the academic staff, the Vice-Chancellor, the Deputy Vice-Chancellors, the Deputy Principal, the Registrar, the Librarian and the Director of the Department of Adult Education.

(4) The Australian Department of Health is prescribed for the purposes of section 7(3A) of the Act.

(5) For the purposes of this section 'members of the full-time permanent staff' and 'full-time permanent members of the academic staff' include the persons referred to in section 7(3A) of the Act if they are members of the permanent staff of the prescribed institution or organisation.

10. (1) This section applies to each election for the purpose of electing a Fellow referred to in section 9 (1) (b), (c) or (d).

(2) At least forty-nine days' notice of the day upon which a ballot in connection with an election may be held shall be given by the Registrar by notice displayed at the University.

(3) (a) No person shall be eligible for election unless his nomination has been received by the Registrar not later than 5.00 p.m. on the twenty-ninth day prior to the date appointed for the ballot in connection with that election.

(b) The nomination paper shall be signed by at least two qualified voters and shall be accompanied by a written statement signed by the person nominated signifying his consent to the nomination.

(c) Each candidate may provide at the time of his nomination a statement of not more than one hundred words containing information relating to himself as follows:

(i) Full name;

(ii) Appointment and Department or School;

(iii) Academic Qualifications;

(iv) Age;

(v) Positions or offices held at any time in public bodies, clubs and institutions (including University clubs and societies) with dates of tenure,

and such information shall be edited by the Registrar and printed as a summary of information for distribution with the voting papers.

(d) There shall be a separate nomination paper for each candidate and no qualified voter shall be eligible to sign more nomination papers than the number of candidates to be elected.

(e) If a qualified voter signs a greater number of nomination papers than the number of candidates to be elected, his signature shall be counted on the first nomination papers received by the Registrar equal to the number of candidates to be elected and shall not be counted upon any other nomination paper.

(4) On the expiration of the time for receiving nominations—

(a) should the number of nominations not exceed the number of vacancies, the Registrar shall inform the Chancellor who shall then declare the candidate or candidates, if any, duly elected;

(b) should the number of nominations exceed the number of vacancies—

(i) the Registrar shall cause the name of each person so nominated and the fact of his candidature to be displayed at the University; and

(ii) a ballot shall be conducted as hereinafter provided.

(5) The ballot shall be conducted in the following manner:

(a) The Registrar shall prepare a list of all persons entitled to vote, completed to the last day for receiving nominations for the election, and a copy of that list shall be available for inspection in the Registrar's office at the University during usual working hours for a period of at least fourteen days prior to the day of the ballot.

(b) Not later than the third day before the day of the ballot the Registrar shall forward to each voter at his address within the University—

(i) a voting paper;

(ii) a summary of information in respect of each candidate if provided in accordance with subsection (3) (c);

(iii) a form of declaration providing for the voter to state his name and qualifications; and

(iv) two envelopes, one marked 'Voting Paper' and the other addressed to the Registrar.

(c) The voting paper shall contain the names of all duly nominated candidates arranged in alphabetical order, a rectangle opposite and to the left of the name of each candidate and instructions as to the manner in which the voting paper shall be completed.

(d) The voter shall mark his voting paper by making a cross in the rectangle opposite the name of each candidate for whom he votes but he shall not vote for more candidates than the number of vacancies to be filled.

(e) (i) The voter, having marked his voting paper as herein provided, shall place the voting paper without any other matter in the envelope marked 'Voting Paper' which he shall seal.

(ii) He shall complete and sign the declaration and transmit to the Registrar in the second envelope the declaration and the sealed envelope marked 'Voting Paper'.

(f) All voting papers so transmitted, and received by the Registrar not later than 2.00 p.m. on the day of the ballot, shall be counted in the ballot, which shall be conducted by the Registrar assisted by such persons as he may require.

(g) Each candidate may appoint one scrutineer.

(h) The Registrar shall reject any voting paper in which a voter has voted for more candidates than the number of vacancies to be filled or which is otherwise invalid, and in any case of doubt as to the validity of a voting paper he shall refer the matter to the Vice-Chancellor, whose decision shall be final.

(i) Where at the close of counting two or more candidates have received an equal number of votes, the Register shall—

(i) write the name of each candidate concerned on separate and similar slips of paper;

(ii) fold the slips so as to prevent identification; and

(iii) mix the slips and draw the slips at random,

and for the purposes only of ranking among those candidates, a candidate whose name is drawn before the name of another candidate shall be deemed to have received one less vote than the candidate whose name is drawn next.

(j) The Registrar shall report the result of the ballot to the Chancellor who shall then declare duly elected the candidates who have received the greatest number of votes equal to the number of vacancies to be filled.

11. (1) Where a vacancy occurs in the office of a Fellow referred to in section 9 (1) (a), a Fellow shall be elected to fill that vacancy by the persons referred to in that paragraph at a meeting called for that purpose as soon as convenient after the vacancy occurs by notice by the Registrar not less than seven days before the day fixed for the meeting.

(2) Subject to subsection (3), where a vacancy occurs in the office of a Fellow elected pursuant to section 10 the vacancy shall be filled by the candidate, if any, who in the immediately preceding election in accordance with section 10 received the greatest number of votes of the candidates who have not become Fellows.

(3) The procedure specified in subsection (2) for filling a vacancy shall not be used to fill more vacancies than two in any term of office.

(4) Where a casual vacancy occurs to which subsection (2) does not apply, the Senate may—

(a) appoint to be a Fellow the candidate, if any, who in the immediately preceding election in accordance with section 10 received the greatest number of votes of the candidates who have not become Fellows; or

(b) direct that an election be held to fill the vacancy in accordance with these by-laws.

FELLOWS ELECTED BY THE GRADUATES

12. (1) A ballot in connection with the election of Fellows referred to in section 7 (1) (e) of the Act may be held on such day in 1974 and every fourth year thereafter as the Senate shall appoint.

(2) Subject to subsection (3) a Fellow referred to in section 7 (1) (e) of the Act shall hold office for the term of four years from 1st January next following his election.

(3) A Fellow declared elected after 1st January in the first year of the term in respect of which he is elected shall hold office from the day upon which he is declared to be elected until 31st December in the fourth year of that term.

13. (1) An election for the purposes of section 7 (1) (e) of the Act shall take place as hereinafter provided.

(2) At least seventy days' notice of the day upon which a ballot in connection with an election may be held shall be given by the Registrar by notice displayed at the University and by advertisements in two or more of the daily newspapers published in Sydney.

(3) (a) No person shall be eligible for election unless his nomination has been received by the Registrar not later than 5.00 p.m. on the forty-third day prior to the day appointed for the ballot in connection with the election.

(b) The nomination paper shall be signed by at least two qualified voters and shall be accompanied by a written statement signed by the person nominated signifying his consent to the nomination.

(c) Each candidate may provide at the time of his nomination a statement of not more than one hundred words containing information relating to himself as follows:

(i) Full name;

(ii) Academic qualifications;

(iii) Honours and Distinctions;

(iv) Age;

(v) Positions or offices held in the candidate's field of employment with dates of tenure;

(vi) Positions or offices held at any time in public bodies, clubs and institutions (including University clubs and societies) with dates of tenure

and such information shall be edited by the Registrar and printed as a summary of information for distribution with the voting papers.

(d) There shall be a separate nomination paper for each candidate and no qualified voter shall be eligible to sign more nomination papers than the number of candidates to be elected.

(e) If a qualified voter signs a greater number of nomination papers than the number of candidates to be elected, his signature shall be counted upon the first nomination papers received by the Registrar equal to the latter number and shall not be counted upon any other nomination paper.

(4) On the expiration of the time for receiving nominations—

(a) should the number of nominations not exceed the number of vacancies, the Registrar shall inform the Chancellor who shall then declare the candidate or candidates, if any, duly elected;

(b) should the number of nominations exceed the number of vacancies—

(i) the Registrar shall cause the name of each person so nominated and the fact of his candidature to be displayed at the University and to be advertised in two or more of the daily newspapers published in Sydney; and

(ii) a ballot shall be conducted as hereinafter provided.

(5) The ballot shall be conducted in the following manner:

(a) The Registrar shall prepare a list of all persons entitled to vote, completed to the last day for receiving nominations for the election, and a copy of that list shall be available for inspection in the Registrar's office at the University during usual working hours for a period of at least twenty-one days prior to the day of the ballot.

(b) Not later than the third day before the day of the ballot the Registrar shall forward to each voter at his address last recorded by the Registrar—

(i) a voting paper;

(ii) a summary of information in respect of each candidate if provided in accordance with subsection (3) (c);

(iii) a form of declaration providing for the voter to state his name and qualifications; and

(iv) two envelopes, one marked 'Voting Paper', and the other addressed to the Registrar.

(c) The voting paper shall contain the names of all duly nominated candidates arranged in alphabetical order, a rectangle opposite and to the left of the name of each candidate and instructions as to the manner in which the voting paper shall be completed.

(d) The voter shall mark his voting paper by making a cross in the rectangle opposite the name of each candidate for whom he votes but he shall not vote for more candidates than the number of vacancies to be filled or for fewer candidates than half the number of vacancies to be filled.

(e) (i) The voter, having marked his voting paper as herein provided, shall place the voting paper without any other matter in the envelope marked 'Voting Paper' which he shall seal.

(ii) He shall complete and sign the declaration and transmit to the Registrar in the second envelope the declaration and the sealed envelope marked 'Voting Paper'.

(f) All voting papers so transmitted, and received by the Registrar not later than 2.00 p.m. on the day of the ballot, shall be counted in the ballot, which shall be conducted by the Registrar assisted by such persons as he may require.

(g) Each candidate may appoint one scrutineer.

(h) The Registrar shall reject any voting paper in which a voter has voted for more candidates than the number of vacancies to be filled or for fewer candidates than half the number of vacancies to be filled or which is otherwise invalid, and in any case of doubt as to the validity of a voting paper he shall refer the matter to the Vice-Chancellor, whose decision shall be final.

(i) Where at the close of counting two or more candidates have received an equal number of votes, the Registrar shall—

(i) write the name of each candidate concerned on separate and similar slips of paper;

(ii) fold the slips so as to prevent identification; and

(iii) mix the slips and draw the slips at random, and for the purposes only of ranking among those candidates, a candidate whose name is drawn before the name of another candidate shall be deemed to have received one less vote than the candidate whose name is drawn next.

(j) The Registrar shall report the result of the ballot to the Chancellor who shall then declare duly elected the candidates who have received the greatest number of votes equal to the number of vacancies to be filled.

14. (1) Subject to subsection (2), where a casual vacancy occurs in the office of a Fellow elected pursuant to section 13 the vacancy shall be filled by the candidate, if any, who in the immediately preceding election in accordance with section 13 received the greatest number of votes of the candidates who have not become Fellows.

(2) The procedure specified in subsection (1) for filling a vacancy shall not be used to fill more vacancies than two in any term of office.

(3) Where a vacancy occurs to which subsection (1) does not apply, the Senate may—

(a) appoint to be a Fellow the candidate, if any, who in the immediately preceding election in accordance with section 13 received the greatest number of votes of the candidates who have not become Fellows; or

(b) direct that an election be held to fill the vacancy in accordance with these by-laws.

(4) Notwithstanding the provisions of this section, any vacancy occurring after 1st May 1974 in the office of a Fellow elected at the quinquennial election of Fellows by the graduates held on 13th November 1969 in accordance with Chapter II of the By-laws in force at 13th November 1969 shall be filled by the Senate either—

(a) in accordance with the procedure prescribed in section 18 of that Chapter of those By-laws, or

(b) by appointing the candidate, if any, who at the quinquennial election of Fellows by the graduates held on 13th November 1969 re-

ceived the greatest number of votes of the candidates who have not become Fellows.

FELLOWS ELECTED BY AND FROM PERSONS ENROLLED AS CANDIDATES PROCEEDING TO A DEGREE OR DIPLOMA

15. (1) A ballot in connection with the election of Fellows referred to in section 7 (1) (f) of the Act may be held on such day in 1973 and every year thereafter as the Senate shall appoint.

(2) Subject to subsections (3) and (4) a Fellow referred to in section 7 (1) (f) of the Act shall hold office for the term of one year from 1st January next following his election.

(3) A Fellow declared elected after 1st January in the year in respect of which he is elected shall hold office from the day upon which he is declared to be elected until 31st December in that year.

(4) A Fellow elected in 1973 shall hold office—

(a) where he is elected before 1st October 1973, from that date; or

(b) where he is elected after 1st October 1973, from the day upon which he is declared to be elected,

until 31st December 1974.

16. An election for the purposes of section 7 (1) (f) of the Act shall take place in a manner prescribed by resolution of the Senate.

17. (1) Subject to subsection (2) where a vacancy occurs in the office of a Fellow elected in accordance with the resolutions of the Senate made pursuant to section 16 the vacancy shall be filled by the candidate, if any, who in the immediately preceding election in accordance with those resolutions of the Senate was the last candidate to be excluded of the candidates who have not become Fellows.

(2) The procedure specified in subsection (1) for filling a vacancy shall not be used to fill more than two vacancies in any year.

(3) Where a casual vacancy occurs to which this section does not apply, the Senate may—

(a) appoint to be a Fellow the last candidate, if any, who in the immediately preceding election in accordance with section 16 was the last candidate to be excluded of the candidates who have not become Fellows; or

(b) direct that an election be held to fill the vacancy in accordance with these by-laws.

FELLOWS ELECTED BY THE FELLOWS

18. (1) The election of Fellows by the Fellows referred to in section 7 (1) (i) of the Act shall be held in February of 1975 and every fourth year thereafter at a special meeting of the Senate convened by the Registrar.

(2) Subject to subsection (3) a Fellow referred to in subsection (1) shall hold office for the term of four years from 1st March next following his election.

(3) A Fellow elected after 1st March in the first year of the term in respect of which he is elected shall hold office from the day of the next ordinary meeting of the Senate after which he is elected until the last day of February in the fourth year of that term.

19. In the event of a vacancy occurring in the office of a Fellow elected by the Fellows before the expiration of his full term, an election to fill the vacancy shall be held at either the next or next but one ordinary meeting of the Senate.

RESOLUTIONS OF THE SENATE

FELLOWS ELECTED BY AND FROM PERSONS ENROLLED AS CANDIDATES PROCEEDING TO A DEGREE OR DIPLOMA

Pursuant to section 16 of Chapter II of the by-laws the Senate makes the following resolutions for the election of three Fellows by and from persons enrolled as candidates proceeding to a degree or diploma.

1. An election for the purposes of section 7(1)(f) of the Act shall take place as hereinafter provided.

2. At least 56 days' notice of the day upon which a ballot in connection with an election may be held shall be given by the Registrar by notice displayed at the University.

3. (1) No person shall be eligible for election unless that person's nomination has been received by the Registrar not later than 5.00 pm on the thirty-sixth day prior to the day appointed for the ballot in connection with the election.

(2) The nomination paper referred to in Resolution 3(1) shall be signed by at least twenty qualified voters and shall be accompanied by a written statement signed by the person nominated signifying consent to the nomination.

(3) (a) Each candidate may provide at the time of nomination a statement of not more than one hundred words containing information relating to the candidate as follows:

(i) Full name;

(ii) Academic year;

(iii) Academic qualifications;

(iv) Age;

(v) Positions or offices held at any time in public bodies, clubs and institutions (including University clubs and societies) with dates of tenure;

(b) Such information shall be edited by the Registrar and printed as a summary of information with the voting papers.

(4) There shall be a separate nomination paper for each candidate and no qualified voter shall be eligible to sign more nomination papers than the number of candidates to be elected.

(5) If a qualified voter signs a greater number of nomination papers than the number of candidates to be elected, that voter's signature shall be counted upon the first nomination papers received by the Registrar equal to the latter number and shall not be counted upon any other nomination paper.

4. On the expiration of the time for receiving nominations—

(a) should the number of nominations not exceed the number of vacancies, the Registrar shall inform the Chancellor who shall then declare the candidate or candidates, if any, duly elected; and

(b) should the number of nominations exceed the number of vacancies —

(i) the Registrar shall cause the name of each person so nominated and the fact of that person's candidature to be displayed at the University; and

(ii) a ballot shall be conducted as hereinafter provided.

5. The ballot shall be conducted in the following manner:

(a) The Registrar shall prepare a list of all persons entitled to vote, completed to the last day for receiving nominations for the elec-

tion, and a copy of that list shall be available for inspection in the Registrar's office at the University during normal working hours for a period of at least 21 days prior to the day of the ballot.

(b) Not later than the sixteenth day before the day of the ballot the Registrar shall forward to each voter at the address last recorded by the Registrar —
  (i) a voting paper;
  (ii) a summary of information in respect of each candidate who has provided information in accordance with section (3)(3);
  (iii) a form of declaration providing for the voter to state name and qualifications; and
  (iv) two envelopes, one marked 'Voting Paper' and the other addressed to the Registrar.

(c) The voting paper shall contain the names of all duly nominated candidates arranged in an order to be determined by lot, a rectangle opposite and to the left of the name of each candidate and instructions as to the manner in which the voting paper shall be completed.

(d) Where there is one more candidate than the number of vacancies to be filled, a voter shall vote for all candidates.

(e) Where the total number of candidates is at least two greater than the number of vacancies to be filled, a voter shall vote for at least two more candidates than the number of vacancies to be filled.

(f) A voter shall vote by placing the figure '1' in the rectangle opposite and to the left of the name of the candidate for whom it is intended to vote as first preference and by placing the figure '2' in the rectangle opposite and to the left of the name of the candidate for whom it is intended to vote as second preference and where appropriate by placing the figures '3', '4' and '5' in the rectangle opposite and to the left of the name of each candidate for whom it is intended to vote as third, fourth and fifth preference respectively and may in addition indicate the order of preference for as many more candidates as the voter pleases by placing in the rectangles respectively opposite and to the left of their names other figures next in numerical order after the figures already placed by the voter on the voting paper.

(g) (i) The voter, having marked the voting paper as herein provided, shall place it without any other matter in the envelope marked 'Voting Paper' and seal the envelope.
  (ii) The voter shall complete and sign the declaration and transmit to the Registrar in the second envelope the declaration and the sealed envelope marked 'Voting Paper'.

(h) All voting papers so transmitted and received by the Registrar not later than 2.00 pm on the day of the ballot, shall be counted in the ballot, which shall be conducted by the Registrar assisted by such persons as the Registrar may require.

(i) Each candidate may appoint one scrutineer.

(j) The Registrar shall reject any voting paper in which a voter has not voted for at least one more candidate, or as prescribed in Resolution 5(e) at least two more candidates, than the number of vacancies to be filled or which is otherwise invalid and in any case of doubt as to the validity of a voting paper the Registrar shall refer the matter to the Vice-Chancellor, whose decision shall be final.

6. (1) Where there is only one vacancy to be filled the following procedure shall be followed:
  (a) After any voting papers which are invalid have been rejected, the Registrar shall count the total number of first preference votes given for each candidate.
  (b) The candidate who has received the fewest first preference votes shall be excluded and each voting paper counted to the excluded candidate shall be counted to the continuing candidate next in the order of the voter's preference.
  (c) The procedure specified in subparagraph (b) shall be followed in respect of each subsequent count as if the reference in that subparagraph to the candidate who received the fewest number of first preference votes were a reference to the candidate to whom the fewest number of votes was allocated on the previous count, until one continuing candidate remains.
  (d) Where in the process of counting there is more than one candidate with the fewest votes the candidate to be excluded shall be determined by the Registrar by lot.
  (e) In the process of counting, exhausted voting papers shall be set aside as finally dealt with and shall henceforth not be taken into account in ascertaining the result of the ballot.

(2) The Registrar shall report the result of the ballot to the Chancellor who shall then declare duly elected the last remaining continuing candidate.

7. Where there is more than one vacancy to be filled the following procedure shall be followed:
  (a) After any voting papers which are invalid have been rejected, the Registrar shall count the total number of first preference votes given for each candidate.
  (b) The aggregate number of such first preference votes shall be divided by one more than the number of candidates required to be elected and the quotient increased by one, disregarding any remainder, shall be the quota and, except as provided in paragraph (h), no candidate shall be elected until that candidate obtains a number of votes equal to or greater than the quota.
  (c) If any candidate has, upon the first preferences being counted, a number of votes equal to the quota this shall be conveyed to the Chancellor who shall declare that candidate elected and the voting papers on which a first preference for that candidate is recorded shall be set aside as finally dealt with.
  (d) If any candidate has, upon the first preferences being counted, a number of votes in excess of the quota this shall be conveyed to the Chancellor who shall declare that candidate elected and the proportion of votes in excess of the quota shall be transferred to the other candidates not declared elected in order of the voter's respective preferences in the following manner —
    (i) all the voting papers on which a first preference is recorded for an elected can-

didate shall be re-examined and the number of second preferences or, as provided in paragraph (k), third or next consecutive preferences recorded for each candidate not declared elected shall be counted;

(ii) the surplus of votes of the candidate whose papers are being re-examined shall be divided by the total number of votes obtained by that candidate on the counting of the first preferences and the resulting fraction shall be the transfer value;

(iii) the number of second or other preferences, as counted in subparagraph (i) above, for each candidate not declared elected shall be multiplied by the transfer value;

(iv) the resulting number, disregarding any fractional remainder, shall be credited to each candidate not declared elected for whom a preference has been indicated and added to the number of votes obtained by that candidate on the counting of the first preferences.

(e) (i) If after the counting of the first preferences more than one candidate has a surplus, the largest surplus shall be first dealt with; and then if there is still more than one candidate who has a surplus then the largest surplus shall be dealt with and so on; provided that if one candidate has obtained a surplus at a count or transfer previous to that at which another candidate obtains a surplus, the surplus of the former shall be first dealt with.

(ii) Where two or more surpluses are equal, the surplus of the candidate who was the highest on the poll at the count or transfer at which they last had an unequal number of votes shall be first dealt with, and, if they have had an equal number of votes at all preceding counts or transfers, the Registrar shall decide which candidate's surplus shall be first dealt with.

(f) (i) Where the number of votes obtained by a candidate is raised up to or above the quota by a transfer of votes this shall be conveyed to the Chancellor who shall declare the candidate elected; and notwithstanding that the candidate may have reached the quota, the transfer shall be completed, and all the votes to which the candidate is entitled therefrom shall be transferred to the candidate, but no votes of any other candidate shall be so transferred.

(ii) Where the number of votes obtained by a candidate is raised up to, but not above, the quota by a transfer as above, the whole of the voting papers on which such votes are recorded shall be set aside as finally dealt with.

(iii) Where the number of votes obtained by a candidate is raised above the quota by a transfer as above, the candidate's surplus of votes shall be transferred to the candidates next in the order of the voter's respective preferences, in like manner as prescribed in paragraph (d) above.

(g) (i) Where, after the first preferences have been counted and all surpluses, if any, have been transferred, no candidate, or candidates less than the number of candidates required to be elected, has or have obtained the quota, the candidate who is lowest on the poll shall be excluded, and all the votes obtained by that candidate shall be transferred to the candidates next in the order of the voter's respective preferences, in the same manner as is directed in paragraph (d).

(ii) The votes obtained by such excluded candidate as first preferences shall first be transferred, the transfer value of each vote in this case being 1.

(iii) The other votes of such excluded candidate shall then be dealt with in the order of the transfers in which, and at the transfer value at which, the candidate obtained them.

(iv) Each of the transfers which takes place under subparagraphs (ii) and (iii) shall be deemed for all purposes to be a separate transfer.

(h) (i) Where the number of votes obtained by a candidate is raised up to or above the quota by any such transfer as above this shall be conveyed to the Chancellor who shall declare that candidate elected and such transfer shall then be completed, all the votes to which the candidate is entitled therefrom shall be transferred, but no other votes shall be transferred.

(ii) Where the number of votes obtained by a candidate is raised up to, but not above, the quota, by any such transfer, the whole of the voting papers on which such votes are recorded shall be set aside as finally dealt with.

(iii) Where the number of votes obtained by a candidate is raised above the quota by any such transfer, the surplus shall be transferred to the candidates next in the order of the voter's respective preferences in the same manner as is directed in paragraph (f); provided that such surplus shall not be dealt with until all the votes of the excluded candidate have been transferred.

(iv) Where any surplus exists it shall be dealt with before any other candidate is excluded.

(i) The same process of excluding the candidate lowest on the poll and transferring to other candidates those votes shall be repeated until the candidates, except the number required to be elected, have been excluded, and the names of the unexcluded candidates who have not already been so declared, shall then be conveyed to the Chancellor who shall declare that candidate or those candidates elected.

(j) Where at any time it becomes necessary to exclude a candidate, and two or more candidates have the same number of votes and are lowest on the poll, then whichever of such candidates was lowest on the poll at the last count or transfer at which they had an equal number of votes shall be first excluded, and if such candidates have had an equal number of votes at all preceding counts or transfers the

Registrar shall decide which candidate shall be first excluded.

(k) In determining what candidate is next in the order of the voter's preference, any candidates who have been declared elected or who have been excluded shall not be considered, and the order of the voter's preference shall be determined as if the names of such candidates had not been on the voting paper.

(l) Where on any transfer it is found that on any voting paper there is no candidate opposite whose name a number is placed, other than those who have been already elected or excluded, such voting paper shall be set aside as exhausted.

8. In Resolutions 6 and 7—

'continuing candidate' means a candidate not already excluded from the count;

'determine by lot' means determine in accordance with the following directions: The names of the candidates concerned having been written on separate and similar slips of paper and the slips having been folded so as to prevent identification and mixed, the candidate whose name is drawn first shall be excluded;

'exhausted voting paper' means a valid voting paper upon which there is not indicated a next preference for a continuing candidate;

'next preference' means the first of the subsequent preferences marked on the voting paper which is not given to an excluded candidate, provided that where there is a break in the consecutive numbering of candidates marked on a voting paper (other than a break rendering the voting paper invalid) only those preferences preceding the break shall be taken into account.

FELLOWS ELECTED BY THE FELLOWS

1. The special meeting of the Senate referred to in section 18 (1) of Chapter II of the By-laws for the purpose of the election of three Fellows by the Fellows shall be held immediately after the regular meeting of the Senate in February of the year prescribed by the By-laws.

2. At least fifty-five days prior to the day of the special meeting the Registrar shall forward to each Fellow entitled to vote a notice stating that the election is to be held and inviting nominations of persons for election.

3. The nomination procedure shall be as follows:—

(1) No person shall be eligible for election unless his nomination has been received by the Registrar by not later than 5.00 p.m. on the twelfth day prior to the day of the special meeting.

(2) (a) Each nomination shall be signed by a proposer and a seconder, being qualified voters, and shall be accompanied by a statement of information about the nominee, including full name, age, academic qualifications, honours and distinctions, occupation and other relevant information.

(b) The statement of information shall be edited by the Registrar and produced as a summary of information for distribution in accordance with Resolution 4.

(3) (a) There shall be a separate nomination paper for each nominee and no qualified voter shall be eligible to sign more nomination papers than the number of persons to be elected.

(b) If a qualified voter signs a greater number of nomination papers than the number of persons to be elected, his signature shall be counted upon the first nomination papers received by the Registrar equal to the latter number and shall not be counted upon any other nomination paper.

(4) Information about valid nominations received shall be made available by the Registrar to any qualified voter who requests such information prior to the time at which nominations close.

4. At least three days prior to the day of the special meeting the Registrar shall forward to each Fellow entitled to vote a notice setting out the valid nominations received and including the names of proposers and seconders and the summary of information produced in accordance with Resolution 3 (2) (b).

5. At the special meeting—

(1) should the number of nominees not exceed the number of persons to be elected, the Chancellor shall then declare the nominee or nominees, if any, duly elected;

(2) should the number of nominees exceed the number of persons to be elected, a ballot or ballots shall be held as hereinafter provided.

6. There shall be separate and sequential ballots in number equal to the number of persons to be elected.

7. In respect of each ballot the Registrar shall give to each qualified voter at the special meeting a voting paper which shall contain the names of all persons duly nominated, arranged in alphabetical order, together with a rectangle opposite and to the left of each name.

8. In respect of each ballot the voter shall vote for only one nominee and shall mark his voting paper by making a cross in the rectangle opposite the name of the nominee for whom he votes.

9. Each ballot shall be conducted by the Registrar assisted by such persons as he may require.

10. In respect of each ballot the Registrar shall reject any voting paper in which a voter has voted for more than one nominee and in any case of doubt as to the validity of a voting paper he shall refer the matter to the Chancellor, whose decision shall be final.

11. (a) Where at the close of the counting of a ballot two or more nominees have received an equal number of votes, that ballot shall be held a second time in accordance with Resolutions 7, 8, 9 and 10.

(b) Where at the close of the counting of a ballot which has been held a second time two or more nominees have received an equal number of votes, the Chancellor shall exercise a second or casting vote.

12. The Registrar shall report the result of each ballot in turn to the Chancellor who shall then declare duly elected the nominee who has received the greatest number of votes.

The Seal of the University

BY-LAWS CHAPTER III

1. The Seal of the University shall be placed in the charge of the Chancellor or Deputy Chancellor or Vice-Chancellor and the Registrar, and shall not be affixed to any document except by order of the Senate or under its authority.

Finance

BY-LAWS CHAPTER IV

1. The general supervision of the financial affairs of the University shall, subject to the direction and control of the Senate, be entrusted to a Finance Committee consisting of a Chairman and not more than ten other Fellows of the Senate, of which number four shall constitute a quorum.

Such Fellows shall be chosen annually by the Senate, and shall remain in office until their successors shall have been appointed. All casual vacancies shall be notified by the Registrar at the next meeting of the Senate, and shall be filled by the Senate as soon thereafter as conveniently may be.

2. The Finance Committee shall meet once a month, and at such other times as the Senate shall have directed, or when it shall be summoned by the Registrar under the direction of the Chancellor, or Deputy Chancellor, or Vice-Chancellor.

3. The University Solicitor may be required by the Committee to attend any of its meetings with reference to the investments or other matters requiring legal advice or assistance.

4. It shall be the duty of the Finance Committee to submit to the Senate, towards the end of each academic year, an estimate of the expected revenue for the next ensuing year, together with a statement of the proposed expenditure as already authorized by the Senate or apprehended to be necessary, such estimates and expenditure to be arranged under as many heads as shall be convenient. And the Senate shall, as soon after as may be, consider such estimates and pass votes for expenditure during such coming year, which votes shall not be exceeded unless upon special grounds and on the report of the Finance Committee that sufficient funds are available for the expenditure.

5. The Finance Committee shall, as soon as practicable after the close of each academic year, submit to the Senate a report and a duly audited statement of the accounts and transactions during the past year.

6. The Vice-Chancellor shall present to the Finance Committee in each month a statement showing, with such details and particulars as the Committee shall have required, the full state and condition of the University's financial affairs at that time, and the Vice-Chancellor shall then inform the Committee of all financial matters proper to be considered at that meeting, and shall produce the Bank Pass Books of the University made up to the preceding day.

7. The Finance Committee shall once in each month present a report setting forth a pay sheet for the disbursements required for that or the next month, as occasion may arise, in accordance with the general estimates and votes for expenditure for the current year, or with any specific order previously made by the Senate, and also setting forth any other demands which the Committee shall, after inquiry and examination, see reason to submit for allowance and payment in that month.

8. The Finance Committee shall also in each month present to the Senate a report showing the general state and condition of the University's financial affairs, and setting forth all receipts and disbursements since the last preceding report of like character, and shall therein distinguish all loans and repayment of loans from other disbursements and receipts, and the committee shall, at such meeting and other meetings, promptly report any default in the payment of interest on any investment or in the payment of any principal money which may be due to the University.

9. Except so far as the Vice-Chancellor is authorized under By-law 1 (2) (e) of Chapter VI to incur expenditure for any urgent matter, no expenditure of funds of the University, otherwise than by way of investment on loan upon the authority of the Finance Committee, with the approval of the Chancellor or Deputy Chancellor, shall be made unless the same shall have been authorized by the Senate.

10. All moneys received on behalf of the University shall be forthwith paid by the Treasurer to the credit of the University at its bank of deposit, on General or Special Account, as the case may require.

11. (a) All disbursements of money belonging to the University, whether by way of payment or of investment, shall be made by cheque drawn on the University's bank.

(b) Every such cheque shall be signed by one of such persons as the Senate may from time to time authorize to be signing officers and countersigned by one of such persons as the Senate may from time to time authorize to be countersigning officers. Provided that the Vice-Chancellor may, if in his opinion the circumstances require it, authorize one of the authorized signing officers to act instead as a countersigning officer.

(c) Every such cheque shall be signed and countersigned as aforesaid in such manner (whether by written signature or otherwise) as the Senate may from time to time prescribe.

12. Subject to the provisions of any instrument creating a particular trust, moneys belonging to the University, whether at the time in a state of investment or not, may be invested in any of the following modes of investment, and not otherwise:

(a) Any public funds or Government Stock or Government Securities of the Commonwealth of Australia, or any State thereof.

(b) Any debentures or securities guaranteed by the Government of the Commonwealth of Australia or any State thereof.

(c) Any duly authorized debentures or securities issued by the Municipal Council of Sydney, or any Municipal or Shire Council in New South Wales, or any incorporated body or society having statutory powers to issue the same in New South Wales, and approved by the Senate.

(d) First mortgage of land held in fee simple in New South Wales.

(e) First mortgage of leasehold lands held under leases, which will have not less than thirty years to run at the date of the expiration of the mortgage: Provided that no such investment shall be made unless approved by resolution of the Senate at a meeting summoned on special notice of the proposal.

(f) Deposit at interest with any bank carrying on business in Sydney, or any corporation having its head office in Sydney, and approved by the Senate.

(g) Purchase of freehold or leasehold lands, with or without improvements, provided that no such investment shall be made unless approved by resolution of the Senate at a meeting summoned on special notice of the proposal.

Convocation

BY-LAWS CHAPTER V

CONVOCATION

1. (1) Subject to subsection (2), Convocation shall consist of the following persons, namely:
   (a) Fellows;
   (b) officials declared by the University and University Colleges Act, 1900, to have the same rights and privileges within the University as Masters and Doctors;
   (c) graduates keeping their names in accordance with any By-law in that behalf on the register of the University, who have taken within the University the degree of Master or Doctor;
   (d) Bachelors and all other persons who obtain any certificate which the Senate by By-law declares to be equivalent to the degree of Bachelor.

   (2) A person may be exempted from membership of Convocation upon satisfying the Senate that he objects on grounds of conscience to such membership.

STANDING COMMITTEE OF CONVOCATION

2. (i) There shall be a Standing Committee of Convocation (hereinafter referred to as the 'Standing Committee') consisting of a President and not less than forty persons who are members of Convocation.

   At least 25 per cent of the members of the Standing Committee shall be women.

   (ii) Subject to the University and University Colleges Act—
   (a) The members of the Standing Committee shall be elected by Convocation.
   (b) The first election of members of the Standing Committee shall be conducted as the Senate may by resolution prescribe.
   (c) Subsequent elections of members of the Standing Committee shall be conducted in accordance with the standing orders of Convocation for the time being; such standing orders may provide for voting by post and for preferential voting or for proportional representation.

REGISTER OF GRADUATES, REGISTER OF MEMBERS OF CONVOCATION AND SUPERIOR OFFICERS

3. (i) A Register of Graduates of the University shall be kept by the Registrar in such manner as the Senate shall from time to time direct.

   (ii) A Register of members of Convocation shall be kept by the Registrar in such manner as the Senate shall from time to time direct and such Register shall be conclusive evidence that any person whose name shall appear thereon at the time of his claiming a vote at a meeting of Convocation or for an election of Fellows of the Senate or members of the Standing Committee is so entitled to vote.

   (iii) The University Auditor, and the University Accountant, are hereby declared to be Superior Officers of the University entitled to the rights and privileges conferred by Section 32 of the University and University Colleges Act 1900–1965.

MEETINGS OF CONVOCATION

4. (i) The Chancellor, or in his absence the Deputy Chancellor, or in the absence of both, the Vice-Chancellor, shall in pursuance of a resolution of the Senate, or upon the receipt of a requisition signed by at least twenty members of Convocation, summon a meeting of Convocation to be holden at such time and place as he shall direct. And such meeting shall be held accordingly within twenty-eight days from the receipt of the requisition. And notice of such meeting shall be given by public advertisement not less than fourteen days before the day appointed for the meeting: Provided that every such requisition shall specify the subjects which it is proposed to bring before Convocation. And if, in the opinion of the summoning officer, the subjects so specified, or any of them, are such as ought not to be discussed in Convocation, he shall refer the matter to the Senate, which shall decide whether the meeting shall be held or not: Provided that no such meeting shall be held in the month of January.

   (ii) At all meetings so summoned, the Chancellor, or in his absence, the Deputy Chancellor, or in the absence of both, the Vice-Chancellor, shall preside. In the absence of the Chancellor, the Deputy Chancellor or the Vice-Chancellor, the members of the Convocation present shall elect one of their number to be president of that meeting.

   (iii) Apart from the meetings of Convocation provided for in Sections 1 and 2 hereof, Convocation shall meet when summoned—
   (a) by the Standing Committee and
   (b) as provided for by standing orders of Convocation.

   (iv) Convocation shall hold at least one meeting in each year.

   (v) The presence at any meeting of one hundred members of Convocation shall be necessary to form a quorum. And if within half an hour from the time of meeting there shall be no quorum present the meeting shall lapse.

   (vi) At all meetings of Convocation the Registrar or his Deputy shall act as secretary and keep the minutes of all proceedings.

   (vii) Every meeting may be adjourned by the Chairman of the meeting to such day and hour as may be fixed by resolution.

   (viii) All questions submitted to the Convocation shall be decided by a majority of members pres-

ent. The Chairman of the meeting shall have a deliberate as well as a casting vote.

(ix) All resolutions of Convocation shall be signed by the Chairman of the meeting and shall be laid by the Registrar before the Senate at its next meeting.

(x) Convocation shall make standing orders providing for—

(a) the Constitution and election of the Standing Committee;
(b) the number of ordinary meetings to be held in each year;
(c) the time and place of and manner of convening meetings summoned by the Standing Committee;
(d) for the regulation of meetings so summoned and of the meetings of the Standing Committee;
(e) and for any other matters with respect to which it is empowered by the By-laws of the University to make standing orders so far as such standing orders are not repugnant to any provisions of the University and University Colleges Act.

(xi) Until standing orders are made by Convocation, the Standing Committee may make provisional standing orders in regard to any of the above matters.

POWERS OF CONVOCATION AND OF STANDING COMMITTEE

5. (1) Convocation shall submit for the consideration of the Senate such suggestions as it thinks fit with respect to the affairs and concerns of the University: and the Senate may take all such suggestions into consideration and report to Convocation its determinations thereon.

(2) The Standing Committee may submit for the consideration of the Senate such suggestions as it thinks fit in respect of the affairs and concerns of the University: and the Senate may take all such suggestions into consideration and report to the Standing Committee its determinations thereon.

(3) The Standing Committee shall report to the Senate on any matters referred to it by the Senate for report.

(4) The Standing Committee may at any time and shall once at least in every year report to Convocation.

(5) Whenever the Senate proposes to make any new By-laws or to repeal or alter any existing By-laws, it may submit the same to the Standing Committee for its consideration. The Standing Committee shall within twenty-eight days after such submission report to the Senate its opinion thereon.

The Vice-Chancellor and other officers

BY-LAWS CHAPTER VI

THE VICE-CHANCELLOR

1. (1) The Vice-Chancellor shall be the chief executive officer, and shall be specially charged with the duty of promoting the interests and furthering the development of the University.

(2) The Vice-Chancellor shall, under the Senate, subject to the By-laws and to any resolution of the Senate—

(a) manage and supervise the administrative, financial, and other business of the University;
(b) collect and prepare for the Senate and Finance Committee all information, including estimates of receipts and expenditure, required by them in relation to the finances of the University;
(c) consult with and advise the Academic Board, and all other University Boards, Faculties, Committees, Heads of Departments and Professors;
(d) have the care of the property of the University;
(e) have authority to incur expenditure not exceeding two thousand dollars[1] for any urgent matter;
(f) exercise a general supervision over all persons in the service of the University;
(g) apportion administrative authority in any Faculty after consultation with the Dean and the Professors or Lecturers concerned;
(h) exercise supervision over the discipline of the University, with power, in the case of students, to impose penalties in accordance with the By-laws for breach of good order or for misconduct of any kind;
(i) give effect to the By-laws and to any resolution or report passed or adopted by the Senate;
(j) arrange for the conducting of correspondence of the University and answering of enquiries;
(k) perform such other duties as may from time to time be assigned to him by the Senate.

[1] The Senate at its meeting on 5 September 1983 approved amendment of this figure to $100 000. This amendment is subject to approval by the Minister for Education and by the Governor.

(3) The Vice-Chancellor shall be *ex officio* a member of every Board other than a Proctorial Board, Faculty and Committee within the University, and, except in the case of the Finance Committee, he may, if he so desires, preside at any meeting of such Board, Faculty or Committee.

(4) Nothing in the By-Law relating to the Vice-Chancellor shall affect the precedence or authority of the Chancellor or Deputy Chancellor.

THE DEPUTY VICE-CHANCELLORS

2. (1) There shall be two Deputy Vice-Chancellors.

(2) Notwithstanding subsection (3), each Deputy Vice-Chancellor shall assist the Vice-Chancellor as he may require.

(3) (a) One Deputy Vice-Chancellor shall, under the Vice-Chancellor, be especially responsible for consulting with and advising the Academic Board, the Faculties, the Boards of Studies and the members of the academic staff.

(b) The other Deputy Vice-Chancellor shall assist the Vice-Chancellor especially in the fields of equipment, research facilities and funding and building priorities.

(4) A Deputy Vice-Chancellor shall become, on the nomination of the Vice-Chancellor, Acting Vice-Chancellor when the Vice-Chancellor is absent from the University.

(5) Each Deputy Vice-Chancellor shall be *ex officio* a member of the Academic Board and its committees and of every Faculty and Board other than a Proctorial Board.

THE DEPUTY PRINCIPAL

3. (1) The Deputy Principal shall assist the Vice-Chancellor as he may require and shall, under the Vice-Chancellor, be especially responsible for managing and supervising the financial business of the University.

(2) The Deputy Principal shall be *ex officio* a member of the Academic Board and shall be secretary of the Finance Committee of the Senate.

THE REGISTRAR

4. (1) The Registrar shall assist the Vice-Chancellor as he may require in the performance of his duties, and shall, under the Vice-Chancellor—

(a) keep proper records of the proceedings of the Senate and its committees, other than the Finance Committee of the Senate;

(b) keep proper records of the proceedings of the Academic Board and its committees;

(c) keep such registers as may be required;

(d) have the care of all the records and registers, and of all records of the proceedings of every Faculty and of every Board and Committee appointed by By-law or otherwise by the Senate;

(e) manage and supervise the examinations of the University;

(f) perform such other duties as under the By-laws are to be performed by the Registrar or as may from time to time be assigned to him by the Senate.

(2) The Registrar shall be *ex officio* a member of the Academic Board and of every Faculty.

THE ACCOUNTANT

5. The Accountant shall, subject to the preceding Sections 1, 2, 3 and 4 assist the Vice-Chancellor as he requires, and shall—

(a) keep proper accounts of all moneys and property of the University;

(b) receive all fees, fines, and other sums payable to the University, and forthwith pay them to the account of the University with its bank in order that they may be applied, accounted for, and audited in such manner as the Senate may from time to time direct;

(c) perform such other duties as may from time to time be assigned to him by the Senate.

The professors

BY-LAWS CHAPTER VII

THE PROFESSORS

1. The title of Professor shall be distinctive of those Public Teachers of the University upon whom the Senate shall have conferred that title, and no person in or belonging to the University, or any College within it, shall be recognized as Professor without the express authority of the Senate.

Academic Board, faculties, boards of studies, departments, schools and committees

BY-LAWS CHAPTER VIII

1. This Chapter and the Chapters which deal with the several Faculties and Boards of Studies shall be read as if they expressly incorporated the provisions of the by-laws with respect to the Chancellor, the Deputy Chancellor, the Vice-Chancellor, the Deputy Vice-Chancellors, the Deputy Principal and the Registrar in relation to the Academic Board, Faculties, Boards of Studies, Departments, Schools and Committees, as the case may be.

THE ACADEMIC BOARD

2. (1) There shall be an Academic Board.
   (2) The members of the Board shall be—
   (a) the Professors who are full-time permanent members of the academic staff;
   (b) such other Professors as the Senate may appoint as members[1];
   (c) the Librarian;
   (d) the Director of the Department of Adult Education;
   (e) The Dean of a Faculty, the Chairman of the Board of Studies in Divinity, Education, Music or Social Work or the Head of a Department or School where that Dean, Chairman or Head is not a Professor;
   (f) other full-time permanent members of the academic staff, being in number to the nearest whole number one-third the number of positions created by the Senate and to which a Professor may be appointed, at the time nominations close for the election, elected in the manner and for the period prescribed by Senate resolution[1];
   (g) not more than 3 student members of each of the Faculties of Arts and Science, and not more than 2 student members of each other Faculty, each of whom is enrolled as a candidate proceeding to a degree of Bachelor in the Faculty of which he is a student member, elected in the manner and for the period prescribed by Senate resolution[1];
   (h) 1 student member of each of the Boards of Studies in Education and Social Work who is enrolled as a candidate for a degree of Bachelor under that Board of Studies of which he is a student member, or for the Diploma in

[1] See Senate Resolutions this Chapter.

Education, elected in the manner and for the period prescribed by Senate resolution[1];

(i) 1 student member of either the Board of Studies in Divinity or the Board of Studies in Music who is enrolled as a candidate for a degree of Bachelor under either Board of Studies, elected in the manner and for the period prescribed by Senate resolution[1]; and

(j) not more than five students, each of whom is enrolled as a candidate for a degree other than the degree of Bachelor or for a diploma, elected in the manner and for the period prescribed by Senate resolution[1].

3. (1) The Board shall have a general responsibility for encouraging teaching, scholarship and research and for furthering and co-ordinating the work of the Faculties, Boards of Studies, Departments and Schools.

(2) The Board shall consider and report on all matters referred to it by the Senate or by the Vice-Chancellor.

(3) Subject to the by-laws and to any Senate resolution, the Board may—

(a) make recommendations to the Senate with respect to the appointment of members of the academic staff;

(b) determine matters concerning courses of study or examinations in any Faculty or Board of Studies;

(c) determine the conditions for the admission to candidature for, and for the award of, degrees and diplomas;

(d) determine the conditions for the award of any fellowship, scholarship, studentship or prize;

(e) appoint examiners after considering a report from the Faculty or the Board of Studies concerned;

(f) refer matters to Faculties and Boards of Studies for consideration and report, and refer matters to Departments and Schools for consideration and report through the Faculty or Board of Studies under whose supervision they are placed;

(g) consider and take action on reports from Faculties and Boards of Studies;

(h) report to the Senate on the needs of the University in respect of teaching, research and related facilities; and

(i) submit recommendations to the Senate on any other matter relevant to the work of the University;

(4) A member of the Board who is a candidate for a degree or diploma of the University shall not—

(a) be present at any discussion;

(b) participate in any decision; or

(c) have the right of access to any material, relating to any matter in respect of his own candidature for a degree or diploma.

(5) A report concerning the activities of the Board since the last report shall be presented to the Senate at the meeting of the Senate following that of the Board.

(6) Where the Board does not approve without amendment any recommendation made by a Faculty or Board of Studies, it shall, if so requested by the Faculty or Board of Studies, transmit the recommendation in its original form to the Senate.

(7) A Faculty or Board of Studies may request the Senate to review any decision of the Board and the Senate may at any time of its own motion review any such decision.

4. Subject to the by-laws—

(a) the Board may delegate to an Executive Committee appointed by it any functions of the Board but the Senate may require the Board itself to consider and report to it upon any matter; and

(b) the Board may appoint Standing Committees to consider and report to it regularly on specified matters.

5. (1) The Board shall meet at least once a term.

(2) The quorum of the Board shall be fifty members.

6. The person elected from time to time as the Fellow referred to in section 9 (1) (a) of Chapter II shall be Chairman of the Board.

7. (1) The Board may elect a member nominated by the Chairman to be Deputy Chairman and the person so elected shall hold office until the Board next elects a Chairman.

(2) The Deputy Chairman shall have such duties and powers as may from time to time be assigned to him by the Chairman and, subject to section 3 (3), by the Board on the recommendation of the Chairman.

FACULTIES

8. A Faculty shall consist of the full-time permanent members of the academic staff of Departments and Schools in the Faculty and such other persons or classes of persons as are prescribed in the by-laws.

9. Notwithstanding any other provision of this by-law, a Faculty shall exercise its powers and functions subject to the authority of the Senate and the Academic Board and to any determination of, appointment by or reference made by, the Senate or the Board.

10. A Faculty shall encourage teaching, scholarship and research in the Departments and Schools in the Faculty and co-operate with the other Faculties.

11. (1) Subject to sections 9 and 12, a Faculty shall determine all matters concerning the degrees and diplomas in that Faculty.

(2) Without limiting the generality of subsection (1), a Faculty may—

(a) admit to and determine candidature for the degrees and diplomas in that Faculty;

(b) appoint supervisors and examiners of candidates for higher degrees in that Faculty;

(c) subject to subsection (3), on the recommendation of a Professor in respect of a course of study in the field of his Chair or of the Head of the Department or School concerned, approve courses of study for the degrees and diplomas in the Faculty and arrangements for teaching such courses;

(d) determine the nature and extent of examining in the courses of study in the subjects for the degrees and diplomas in the Faculty;

(e) determine the grades of pass to be awarded, and the conditions for granting deferred or supplementary examinations in respect of the courses of study in the subjects for the degrees and diplomas in the Faculty; and

(f) supervise the work of Departments and Schools and members of the Faculty under paragraphs (b), (c), (d) and (e).

(3) Where a proposal for a new or revised course of study will affect a student enrolled in another Faculty or in a Board of Studies, the person or body authorised to approve that proposal shall ensure that the Dean of that other Faculty or the

[1] See Senate Resolutions this Chapter.

Chairman of that Board of Studies has been consulted before a decision is taken on the proposal.

12. (1) A Faculty shall appoint annually one or more Boards of Examiners which shall be responsible for the conduct of examinations in the subjects of the Faculty in respect of candidates for the degree or degrees of Bachelor in the Faculty and which shall determine the specific results of each of the candidates after considering the recommendations of the examiners appointed by the Faculty.

(2) A person who is a candidate for a degree of Bachelor in a Faculty shall not be eligible for appointment to any Board of Examiners appointed by that Faculty.

13. (1) Each Faculty may appoint one or more boards of postgraduate studies which shall exercise, in respect of each candidate for a postgraduate degree or diploma, the powers and functions of the Faculty.

(2) Except in the case of a member of the fulltime staff, a person who is a candidate for a postgraduate degree or diploma in the Faculty shall not be eligible for appointment to any board appointed in accordance with subsection (1).

14. (1) A member of a Faculty who is a candidate for a degree or diploma of the University shall not—

(a) be present at any discussion;

(b) participate in any decision; or

(c) have the right of access to any material, relating to any matter in respect of his own candidature for a degree or diploma.

(2) Except in the case of a member of the fulltime staff, a member of a Faculty who is a candidate for a degree or diploma of the University shall not—

(a) be present at any discussion;

(b) participate in any decision; or

(c) have the right of access to any material, relating to any matter in respect of any other person's candidature for a degree or diploma which is either the same as, or deemed by the Faculty to be of a standing equivalent to or higher than, the degree or diploma for which he himself is a candidate.

15. (1) A Faculty with more than one hundred members as at 1st January in each year shall, and other Faculties may, appoint annually a Standing Committee on Courses of Study.

(2) A Standing Committee referred to in subsection (1) shall be appointed in the manner and for the period prescribed by Senate resolution.[1]

(3) A Standing Committee referred to in subsection (1) shall consist of the Dean of the Faculty and the Heads of the Departments or Schools of the Faculty or their nominees and such other members of the Faculty as the Faculty may appoint.

(4) A Standing Committee referred to in subsection (1) shall consider and make recommendations to the Faculty or, if so empowered by the Faculty, make decisions on proposals for new courses of study and on such proposals for revised courses of study as the Dean after consultation with the Registrar may determine.

16. A Faculty may appoint, in addition to any standing committee appointed under section 15 (1), other standing committees with such powers and functions, not being those referred to in section 15 (4), as the Faculty may determine and any such committee may exercise such of the powers and functions of the Faculty as are specified in the resolution constituting the committee or in any subsequent resolution of the Faculty.

17. (1) Where a Faculty approves an inter-Departmental or inter-School course of study or research, the Faculty shall appoint from the persons nominated in accordance with subsection (2) an inter-Departmental or inter-School Committee to be responsible for that course of study or research.

(2) The Head of each Department or School from which the staff teaching a course, or supervising research, referred to in subsection (1) is to be drawn shall nominate one or more persons for membership of any Committee referred to in that subsection.

18. A Faculty shall consider and report on all matters referred to it by the Senate, the Vice-Chancellor or the Academic Board, and may of its own motion report to the Academic Board on all matters relating to research, studies, lectures, examinations, degrees and diplomas in the Faculty.

19. (1) A Faculty shall meet at least once a term.

(2) The quorum of a Faculty shall be forty members of the Faculty or one-eighth of the membership of the Faculty as at 1st January in each year, whichever is the lesser.

(3) Notwithstanding subsection (1), where a meeting of a Faculty is not held in any term the Dean shall report accordingly to the Academic Board at the next meeting of the Board held after the end of that term.

BOARDS OF STUDIES

20. A Board of Studies shall consist of such persons or classes of persons as are prescribed in the by-laws.

21. In respect of courses provided for the curriculum leading to any degree or diploma under its control each of the Boards of Studies in Divinity, Education, Music and Social Work shall have the same powers and functions as a Faculty.

DEPARTMENTS AND SCHOOLS

22. (1) A Department or School shall consist of such of the members of the teaching staff as are appointed or assigned to it by the Senate or the Vice-Chancellor.

(2) A Department or School shall be placed by the Senate or the Vice-Chancellor under the supervision, referred to in section 11 (2) (f), of a Faculty or Board of Studies.

23. Subject to the authority of the Senate, the Academic Board and the Faculties and Boards of Studies, a Department or School shall encourage and facilitate teaching, scholarship and research and co-ordinate the teaching and examining duties of members of staff in the subjects or courses of study with which it is concerned.

24. (1) Where there is not already a Head of Department or School by terms of appointment, the Vice-Chancellor shall, after consultation with the Professors and the Associate Professors of the Department or School, appoint or reappoint a Head of the Department or School for a period not exceeding two years and, except where in the Vice-Chancellor's opinion there are special circumstances, from among the Professors and Associate Professors.

(2) The Head of a Department or School shall be responsible to the Senate through the Vice-Chancellor for administering the Department or School according to the policies and decisions of

[1] See Senate Resolutions this Chapter.

the Senate, the Academic Board and the Faculty or Board of Studies concerned.

25. (1) A Professor, in respect of the field of his Chair, shall be responsible for initiating proposals for courses of study, for supervising and participating in teaching and examining and for promoting advanced study and research.
(2) Subject to subsection (1) and to section 26 the Head of a Department or School shall—
(a) submit to the Faculty or Board of Studies concerned proposals relating to courses of study and examinations in the Department or School;
(b) organise the teaching and examining of courses of study as approved in general form by the Faculty or Board of Studies concerned;
(c) allocate administrative duties within the Department or School; and
(d) allocate and supervise the expenditure of funds allotted to the Department or School for maintenance, equipment and research.

26. The Head of a Department or School shall—
(a) summon a meeting of full-time members of the Department or School referred to in section 22 (1) at least once a term, for the purpose of consulting and informing such members on matters of policy and administration;
(b) forward to the Dean of the Faculty for submission to the Faculty any proposal which has been made by a majority of the members of the Department or School who are members of the Faculty on any matter referred to in sections 10 and 11 but which he does not recommend, together with a statement of his reasons for not recommending it, so that the Faculty may if it wishes discuss the issues involved;
(c) arrange to consult from time to time with students on courses of study, teaching and examining within the Department or School and report annually to the Faculty concerning these arrangements; and
(d) undertake such other responsibilities and carry out such other duties relating to the work of the Department or School as the Vice-Chancellor or the Faculty or Board of Studies concerned may from time to time require.

MEETINGS OF BOARDS, FACULTIES AND COMMITTEES

27. (1) A meeting of the Academic Board shall be convened at the direction of the Vice-Chancellor or the Chairman of the Board or on the written requisition of at least twenty members addressed to the Registrar.
(2) A meeting of a Faculty or Board of Studies or a Committee shall be convened at the direction of the Vice-Chancellor or the Chairman or on the written requisition of any five members addressed to the Registrar.
(3) The Registrar shall give written notice of the time and place fixed for any meeting of the Academic Board, a Faculty or Board of Studies or a Committee but no such meeting shall be convened for such time or place that a Fellow, by attending such meeting, would be prevented from attending any regular meeting of the Senate.
(4) Except where otherwise provided, at any meeting three members shall form a quorum.
(5) In the absence of the Chairman from a meeting a member elected by the members present shall preside.
(6) The person presiding at any meeting shall have a vote and in the case of an equality of votes a second or casting vote.

RESOLUTIONS OF THE SENATE

ELECTION OF NON-PROFESSORIAL MEMBERS OF THE ACADEMIC STAFF TO MEMBERSHIP OF THE ACADEMIC BOARD

A.

Pursuant to section 2 (2) (f) of Chapter VIII of the By-laws the Senate makes the following resolutions for the election of non-professorial full-time permanent members of the academic staff to membership of the Academic Board:

1. (1) An election for the purpose of section 2 (2) (f) of Chapter VIII of the By-laws shall be held on such day or days in 1975 and on such day or days in 1977 and every second year thereafter as the Senate shall appoint.
(2) Subject to subsections (3), (4) and (5) a member shall hold office for the term of two years from 1st January following his election.
(3) Subject to subsections (4) and (5) a member declared elected after 1st January in the first year of the term in respect of which he is elected shall hold office from the day upon which he is declared elected until 31st December in the second year of that term.
(4) A member elected in 1975 shall hold office from the day upon which he is declared to be elected until 31st December, 1977.
(5) A member declared elected after the date of the first election to be held in 1975 in respect of the term of office terminating on 31st December, 1977 shall hold office from the day upon which he is declared to be elected until 31st December, 1977.
(6) An elected member shall be eligible for re-election.

2. (1) There shall be elected to membership of the Academic Board non-professorial full-time permanent members of the academic staff, being in number to the nearest whole number one-third the number of positions created by the Senate and to which a Professor may be appointed, at the time nominations close for the election.
(2) (a) An election shall be held in each Faculty of the University.
(b) The members to be elected in each Faculty shall be the full-time permanent members of the academic staff who are Readers, Associate Professors, Directors, Senior Lecturers, Lecturers or Senior Tutors appointed or assigned to the Departments or Schools placed under the supervision of that Faculty and who are not otherwise eligible for membership of the Academic Board.
(c) The electorate in each Faculty shall be the full-time permanent and full-time temporary members of the academic staff who are Readers, Associate Professors, Directors, Senior Lecturers, Lecturers or Senior Tutors appointed or assigned to the Departments or Schools placed under the supervision of that Faculty.

(3) The distribution of non-professorial staff members of the Board among the Faculties shall be made by the Vice-Chancellor so that there shall be an election of two non-professorial staff members of the Board in each Faculty and in addition an election of other non-professorial staff members in the proportion that the number of non-professorial full-time permanent positions to which a Reader, Associate Professor, Director, Senior Lecturer, Lecturer or Senior Tutor may be appointed on the establishment of the Departments or Schools placed under the supervision of each Faculty bears to the total number of all such non-professorial full-time permanent positions in all Faculties, such distribution to be calculated as at 30th April next preceding the election.

(4) For the purposes of the election, including the distribution referred to in subsection (3), the Senate may allocate to a Faculty any non-professorial full-time permanent member of the academic staff, not being a member of a Department or School placed under the supervision of a Faculty, provided that no person shall be eligible to vote in more than one Faculty.

3. (1) An election for the purposes of section 2 (2) (f) of Chapter VIII of the By-laws shall take place in each Faculty as hereinafter provided.

(2) At least forty-nine days' notice of the day upon which a ballot in connection with an election may be held shall be given by the Registrar by notice displayed at the University.

(3) No person shall be eligible for election unless his nomination has been received by the Registrar not later than 5.00 p.m. on the twenty-ninth day prior to the day fixed for the election.

(4) The nomination paper shall be signed by at least two qualified voters from the Faculty and shall be accompanied by a written statement signed by the nominee consenting to his nomination.

(5) There shall be a separate nomination paper for each candidate and no qualified voter shall be eligible to sign more nomination papers than the number of candidates to be elected in the Faculty; if a qualified voter signs a greater number of nomination papers than the number of candidates to be elected in the Faculty, his signature shall be counted on the first nomination papers received by the Registrar equal to the number of candidates to be elected in the Faculty and shall not be counted upon any other nomination paper.

(6) The Registrar shall, on each of the five working days prior to the day on which nominations close, post on a University noticeboard the valid nominations, if any, received.

(7) On the expiration of the time for receiving nominations,

(a) should the number of nominations in any Faculty not exceed the number of vacancies, the Registrar shall report the fact to the Vice-Chancellor, who shall then declare the candidate or candidates, if any, duly elected in respect of that Faculty;

(b) should the number of nominations in any Faculty exceed the number of vacancies,

(i) the Registrar shall cause the names of the persons so nominated and the fact of their candidature to be displayed at the University; and

(ii) ballots shall be conducted as hereinafter provided.

(8) The ballots shall be conducted in the following manner—

(a) the Registrar shall prepare for each Faculty in which a ballot is to be held a list of all persons entitled to vote, completed to the last day for receiving nominations for the election, and a copy of that list shall be available for inspection in the Registrar's office at the University during usual working hours for a period of at least fourteen days prior to the day of the ballots;

(b) not later than the third day before the day of the ballots the Registrar shall forward to each voter at his address within the University—

(i) a voting paper for his Faculty;

(ii) a form of declaration providing for the voter to state his name and qualifications to vote;
and

(iii) two envelopes, one marked 'Voting Paper' and the other addressed to the Registrar.

(c) The voting paper shall contain the names of all duly nominated candidates in the Faculty arranged in alphabetical order together with the candidate's position and Department or School, a rectangle opposite and to the left of the name of each candidate and instructions as to the manner in which the voting paper shall be completed.

(d) The voter shall mark his voting paper by making a cross in the rectangle opposite the name of each candidate for whom he votes but shall not vote for more candidates than the number of vacancies to be filled.

(e) (i) The voter, having marked his voting paper as herein provided, shall place the voting paper without any other matter in the envelope marked 'Voting Paper', which he shall seal.

(ii) He shall complete and sign the declaration and transmit to the Registrar in the second envelope the declaration and the sealed envelope marked 'Voting Paper'.

(f) All voting papers so transmitted and received by the Registrar not later than 2.00 p.m. on the day of the ballot shall be counted in the ballot, which shall be conducted by the Registrar with the assistance of such persons as he may require.

(g) Each candidate may appoint one scrutineer in respect of the ballot in which he is a candidate.

(h) The Registrar shall reject any voting paper in which a voter has voted for more candidates than the number of vacancies to be filled or which is otherwise invalid, and in any case of doubt as to the validity of a voting paper, he shall refer the matter to the Vice-Chancellor, whose decision shall be final.

(i) Where at the close of counting two or more candidates have received an equal number of votes, the Registrar shall—

(i) write the name of each candidate concerned on separate and similar slips of paper;

(ii) fold the slips so as to prevent identification; and

(iii) mix the slips and draw the slips at random, and for the purposes only of ranking among those candidates, a candidate

whose name is drawn before the name of another candidate shall be deemed to have received one less vote than the candidate whose name is drawn next.

(j) The Registrar shall report the result of the ballots to the Vice-Chancellor, who shall then declare duly elected the candidates in each Faculty who have received the greatest number of votes equal to the vacancies to be filled.

4. (1) A person shall cease to hold office if—

(a) he ceases to hold the qualification in respect of which he is eligible for membership of the Board, or

(b) he otherwise becomes a member of the Board.

(2) Where a casual vacancy occurs,

(a) the Chairman of the Academic Board may direct that an election be held to fill the vacancy in accordance with these Resolutions; or

(b) if the Chairman does not so direct, the Academic Board may direct that an election be held to fill the vacancy in accordance with these Resolutions.

(3) Notwithstanding section 1 (1) an election held pursuant to section 4 (2) (a) shall be held on such a day as the Chairman of the Academic Board shall appoint and an election held pursuant to section 4 (2) (b) shall be held on such a day as the Academic Board shall appoint.

(4) For the purposes of these Resolutions a casual vacancy includes a vacancy arising out of an insufficient number of nominations.

B.

Pursuant to section 2 (4) of the Resolutions of Senate governing the election of non-professorial members of the academic staff to membership of the Academic Board the Senate makes the following resolutions:

1 (1) that there be allocated to the Faculty of Agriculture the Director of Wheat Breeding, Plant Breeding Institute, Narrabri.

(2) that there be allocated to the Faculty of Architecture the Director of the Art Workshop.

(3) that there be allocated to the Faculty of Arts the following—

(a) the non-professorial full-time permanent members of the academic staff in the Department of Adult Education and in the Department of Social Work;

(b) the Director of the Language Study Centre;

(c) the Curator of the Power Gallery of Contemporary Art; and

(d) the Director, Senior Lecturers and Lecturers in the Centre for Teaching and Learning.

(4) that there be allocated to the Faculty of Science the Director of the Electron Microscope Unit, and the Electron Microscopists.

ELECTION OF UNDERGRADUATE STUDENT MEMBERS OF EACH FACULTY AND BOARD OF STUDIES TO MEMBERSHIP OF THE ACADEMIC BOARD

Pursuant to sections 2 (2) (g), (h) and (i) of Chapter VIII of the By-laws the Senate has prescribed the following Resolutions for the election of undergraduate student members of Faculties and Boards of Studies to membership of the Academic Board:

1. After the declaration of the results of the elections of student members of Faculties and Boards of Studies and before the first regular meeting of the Academic Board in the following year —

(a) the undergraduate student members of each Faculty for that following year at meetings convened by the relevant Dean shall elect from amongst themselves, in the cases of each of the Faculties of Arts and Science three, and in each other case two, members of the Academic Board;

(b) the undergraduate student members of each of the Boards of Studies in Education and Social Work for that following year at a meeting convened by the relevant Chairman shall elect from amongst themselves one member of the Academic Board; and

(c) the student members of the Boards of Studies in Divinity and Music for that following year who are enrolled for the degree of Bachelor, at a meeting convened by the Chairman of the Board of Studies in Divinity, shall elect from amongst themselves one member of the Academic Board.

2. Notwithstanding Resolution 1, the undergraduate student members of any Faculty or Board of Studies or in the case of 1 (c) of the student members of the Boards of Studies in Divinity and Music who are enrolled for the degree of Bachelor at a meeting convened by the relevant Dean or Chairman may at any time elect from amongst themselves such student members of the Academic Board as may be required to fill any vacancy.

3. A student member shall hold office either —

(a) from 1 January to 31 December in the year following the election if the election to the Board is held between the date of declaration of the results of the elections of student members of Faculties and Boards of Studies and 31 December in any year; or

(b) from the date of the election until 31 December of that year if the election to the Board is held between 1 January and the third Monday in February.

4. A student member shall cease to hold office if —

(a) the student ceases to hold the qualification in respect of which he or she was eligible for election as a member of the Board; or

(b) the student otherwise becomes a member of the Board.

5. Notwithstanding anything else in these Resolutions, in the event of an election under Resolutions 1 or 2 above being inconclusive, the Faculty or Board of Studies shall determine the election.

ELECTION OF POSTGRADUATE STUDENT MEMBERS OF FACULTIES AND BOARDS OF STUDIES TO MEMBERSHIP OF THE ACADEMIC BOARD

Pursuant to section 2 (2) (j) of Chapter VIII of the By-laws the Senate makes the following resolutions for the election of postgraduate student members of Faculties and Boards of Studies to membership of the Academic Board:

1. There shall be not more than five student members of the Academic Board elected in the manner hereinafter described being student members of any Faculty or Board of Studies enrolled as candidates for a degree other than the degree of Bachelor or for a diploma of the University of Sydney.

2. The election shall be held before the end of Lent Term of each year or at such other time as the Senate may direct.

3. The term of office of the student members shall be from the date of election until 31st December following.

4. A student shall cease to hold office if—
   (a) he ceases to hold the qualification in respect of which he is eligible for election as a member of the Board; or
   (b) he otherwise becomes a member of the Board.

5. (1) Any vacancy occurring by the death, disqualification or resignation of a student member may be filled on the recommendation of the Chairman of the Academic Board to the Board in one of the following ways—
   (a) by appointment by the Board of the candidate, if any, who in the immediately preceding election in accordance with section 7 received the greatest number of votes of the candidates who have not become members of the Board; or
   (b) by the conduct of a by-election in accordance with the procedures for an election set out in section 7; or
   (c) by the appointment by the Chairman of the Academic Board of a duly qualified student on the recommendation of the remaining postgraduate student members of the Board.

   (2) Any vacancy arising out of an insufficient number of nominations shall remain unfilled.

6. The electorate shall comprise all student members of any Faculty or Board of Studies enrolled as candidates for a degree other than the degree of Bachelor or for a diploma of the University of Sydney.

7. The election shall be conducted by the Registrar and the following procedures shall apply:
   (a) At least twenty-eight days' notice of the day of election shall be given by notice posted at the University and to each eligible voter at his address last recorded by the Registrar.
   (b) No person shall be eligible for election unless his nomination has been received by the Registrar no later than 5.00 p.m. on the fifteenth day prior to the day fixed for the election. The nomination paper shall be signed by at least one qualified voter and shall be accompanied by a written statement signed by the person nominated signifying his consent to the nomination.
   (c) On the expiration of the time for receiving nominations—
      (i) should the number of nominations not exceed the number of vacancies, the Registrar shall report the fact to the Chairman of the Academic Board who shall then declare the candidate or candidates, if any, duly elected;
      (ii) should the number of nominations exceed the number of vacancies, the election shall be by voting papers as hereinafter provided.
   (d) The election shall be conducted in the following manner:
      (i) The Registrar shall prepare a list of all persons entitled to vote, completed to the last day for receiving nominations for the election, and a copy of such list shall be available for inspection in the Registrar's Office at the University during normal working hours for the period from that date to the day of election.
      (ii) Not later than the third day before the day of election the Registrar shall forward to each voter at his address last recorded by the Registrar a voting paper containing the names of all duly nominated candidates arranged in alphabetical order together with the candidature for which the candidate is currently enrolled, a form of declaration wherein the voter shall state his name and qualification, an envelope marked 'Voting Paper' and a second envelope addressed to the Registrar.
      (iii) The voter shall mark his voting paper by making a cross opposite the name of the candidate or candidates for whom he votes but he shall not vote for more candidates than the number of vacancies to be filled. He shall place the voting paper without any other matter in the envelope marked 'Voting Paper' which he shall seal. He shall then complete and sign the declaration and transmit to the Registrar in the second envelope the declaration and the sealed envelope marked 'Voting Paper'.
      (iv) All voting papers so transmitted and received by the Registrar not later than 2.00 p.m. on the day of election shall be counted in the ballot, which shall be conducted by the Registrar.
      (v) Each candidate shall be entitled to appoint one scrutineer.
      (vi) At the expiration of the time allotted for the ballot, and after examination of the voting papers, the Registrar shall report the result to the Chairman of the Academic Board who shall then declare the five candidates who have received the greatest number of votes to be duly elected. The Registrar shall reject any informal voting paper; in the event of doubt, the matter shall be referred to the Chairman of the Board whose decision shall be final.
      (vii) Where an equality of votes prevents the making of the declaration under paragraph (vi) of this clause, the Registrar shall determine the result by lot as may be necessary to enable the declaration to be made.

STUDENT MEMBERSHIP OF THE FACULTIES AND BOARDS OF STUDIES

The Senate has resolved that, subject to the By-laws, the numbers of student members of the Faculties and Boards of Studies be as follows:

(1) There shall be not more than eight student members of each of the Faculties of Arts and Science.

(2) There shall be not more than five student members of each of the Faculties of Agriculture, Architecture, Dentistry, Economics, Engineering, Law, Medicine and Veterinary Science.

(3) There shall be not more than three student members of each of the Boards of Studies in Divinity, Education, Music and Social Work.

Pursuant to section 1 of each of Chapters X, XI, XII, XIII, XIV, XV, XVI, XVII, XVIII and XIX of the By-laws and to section 2 of each of Chapters XA, XB, XD and XE of the By-laws, the Senate has resolved

as follows for the election or appointment of students to membership of the Faculties and Boards of Studies:—

1. (1) There shall be eight student members of the Faculty of **Arts**, namely—
   (a) one student who is a member of the Council of the Sydney University Faculty of Arts Society nominated by the Council of that Society, provided that that student is enrolled for a degree or diploma in the Faculty of Arts; and
   (b) seven elected students being—
      (i) five undergraduate students, provided they are enrolled as candidates for the degree of Bachelor of Arts; and
      (ii) two postgraduate students, provided they are enrolled as candidates for a postgraduate degree or for a diploma in the Faculty of Arts.

   (2) There shall be three student members of the Board of Studies in **Divinity**, namely—
   (a) the President of the Sydney University Divinity Students' Association, provided he is a student enrolled for the degree of Bachelor of Divinity or Master of Theology;
   (b) one student enrolled as a candidate for the degree of Bachelor of Divinity at the University of Sydney, not otherwise a member of the Board of Studies; and
   (c) one student enrolled as a candidate for the degree of Master of Theology at the University of Sydney, not otherwise a member of the Board of Studies.

   (3) There shall be three student members of the Board of Studies in **Education**, namely—
   (a) a student enrolled as a candidate for the degree of Bachelor of Education;
   (b) a student enrolled as a candidate for either the degree of Master of Education (Pass) or the degree of Master of Education (Honours); and
   (c) a student enrolled as a candidate for the Diploma in Education.

   (4) There shall be two student members of the Board of Studies in **Music**, namely—
   (a) one student enrolled as a candidate for the degree of Bachelor of Music; and
   (b) one student enrolled as a candidate for any degree supervised by the Board of Studies in Music.

   (5) There shall be three student members of the Board of Studies in **Social Work**, each student being enrolled as a candidate for any degree supervised by the Board of Studies in Social Work.

   (6) Except as provided in Resolution 1 (6) (b), there shall be five student members of the Faculty of **Law**, namely—
   (a) a graduate in Law as prescribed in section 1 (a) (ix) of Chapter XI of the By-laws;
   (b) the President, for the time being, of the Sydney University Law Society (so long as such Society is recognized by the University), provided that he either is a graduate in Law or is a candidate for the degree of Bachelor of Laws;
   (c) two students as prescribed in section 1 (a) (xi) of Chapter XI of the By-laws; and
   (d) a student as prescribed in section 1 (a) (xii) of Chapter XI of the By-laws.

   (7) There shall be five student members of the Faculty of **Medicine**, namely—
   (a) the Senior Undergraduate Vice-President of the Sydney University Medical Society, provided that he is enrolled as a candidate proceeding to a degree in the Faculty of Medicine; and
   (b) four elected students, being—
      (i) one undergraduate student who at the time of the election was enrolled as a candidate for the degrees of Bachelor of Medicine and Bachelor of Surgery in the First Year of that course;
      (ii) one undergraduate student who at the time of the election was enrolled as a candidate for the degrees of Bachelor of Medicine and Bachelor of Surgery in the Second Year of that course or having already completed the second year of that course but not the third year, was enrolled as a candidate for the degree of Bachelor of Science (Medical);
      (iii) one undergraduate student who at the time of the election was enrolled either as a candidate for the degrees of Bachelor of Medicine and Bachelor of Surgery in the Third Year of that course or having already completed the third year of that course, was enrolled as a candidate for the degree of Bachelor of Science (Medical); and
      (iv) one undergraduate student who at the time of the election was enrolled as a candidate for the degrees of Bachelor of Medicine and Bachelor of Surgery in the Fourth Year of that course.

   (8) There shall be eight student members of the Faculty of **Science**, namely—
   (a) one student nominated by the Council of the Sydney University Science Association, provided he is enrolled as a candidate for the degree of Bachelor of Science;
   (b) one student nominated by the Executive of the Sydney University Pharmacy Association, provided he is enrolled as a candidate for the degree of Bachelor of Pharmacy;
   (c) one student nominated by the Council of the Sydney University Postgraduate Representative Association, provided he is enrolled as a candidate for a postgraduate degree or for a diploma in the Faculty of Science; and
   (d) five elected students, being—
      (i) three undergraduate students, provided they are enrolled as candidates for the degree of Bachelor of Pharmacy or Bachelor of Science; and
      (ii) two postgraduate students, provided they are enrolled as candidates for a postgraduate degree or for a diploma in the Faculty of Science and are not otherwise eligible for membership of the Faculty.

   (9) There shall be five student members of the Faculty of **Engineering**, namely—
   (a) the President of the Sydney University Engineering Undergraduates' Association unless, at its first meeting in each year, the Committee of the Association elects to membership of the Faculty a member of the Executive Committee of the Association other than the President, in which case the member so elected shall be a member of the Faculty instead of the President, provided that in either case he is enrolled as a candidate

for the degree of Bachelor of Engineering; and

(b) four elected students, being—
  (i) three undergraduate students enrolled as full-time candidates either for the degree of Bachelor of Engineering or for the degree of Bachelor of Science pursuant to section 20 of the Resolutions of the Senate relating to the degree of Bachelor of Science; and
  (ii) one postgraduate student enrolled as a full-time candidate for a postgraduate degree or for a diploma in the Faculty of Engineering, not otherwise eligible for membership of the Faculty.

(10) There shall be five student members of the Faculty of **Dentistry**, namely—

(a) the President of the Sydney University Dental Undergraduates' Association, provided he is enrolled as a candidate for a degree or for a diploma in the Faculty of Dentistry; and

(b) four elected students, being—
  (i) three undergraduate students enrolled as candidates for a degree in the Faculty of Dentistry; and
  (ii) one postgraduate student enrolled as a candidate for a postgraduate degree or for a diploma in the Faculty of Dentistry.

(11) There shall be three student members of the Faculty of **Veterinary Science**, namely—

(a) two undergraduate students enrolled as candidates for the degree of Bachelor of Veterinary Science or Bachelor of Science (Veterinary); and

(b) one postgraduate student enrolled as a full-time or part-time candidate for a postgraduate degree or diploma in the Faculty of Veterinary Science, not otherwise eligible for membership of the Faculty.

(12) There shall be four student members of the Faculty of **Agriculture**, namely—

(a) two undergraduate students enrolled as candidates for the degree of Bachelor of Science in Agriculture or Bachelor of Agricultural Economics; and

(b) two postgraduate students enrolled as full-time candidates for a postgraduate degree or diploma in the Faculty of Agriculture, not otherwise eligible for membership of the Faculty.

(13) There shall be five student members of the Faculty of **Economics**, namely—

(a) the President of the Sydney University Economics Society or another office-bearer of the Society nominated by the President, being a person who is enrolled as a candidate for a degree in the Faculty;

(b) three elected undergraduate student members, being persons who are enrolled as candidates for the degree of Bachelor of Economics; and

(c) one elected postgraduate student member, being a person who is enrolled as a candidate for a degree in the Faculty other than the degree of Bachelor of Economics.

(14) There shall be five student members of the Faculty of **Architecture**, namely—

(a) the President of the Sydney University Architecture Society, provided he is enrolled as a candidate for a degree in the Faculty;

(b) two students enrolled as candidates for the degree of Bachelor of Science (Architecture), Bachelor of Architecture or Bachelor of Landscape Studies; and

(c) two students enrolled for a postgraduate degree other than the degree of Bachelor of Architecture or Bachelor of Landscape Studies or for a diploma in the Faculty.

2. (1) Except as provided in Resolution 2 (2) or (3), the election of the elected student members of each Faculty and Board of Studies shall be held as early as practicable in Michaelmas Term of each year, provided that the first such election in accordance with these Resolutions shall be held in Michaelmas Term 1979.

(2) The election of the student member of the Board of Studies in Education who is enrolled as a candidate for the Diploma in Education shall be held in Lent Term of each year, provided that the first such election in accordance with these Resolutions shall be held in Lent Term 1979.

(3) The position of the third student member of the Board of Studies in Social Work may be first filled in 1980 by the Chairman of the Board of Studies, at his discretion, either
  (i) appointing a duly qualified student on the recommendation of the remaining student members and the executive of the Social Work Students' Association or
  (ii) directing that a by-election be held in accordance with the procedures for an election set out in Resolution 10.

3. (1) Except as provided in Resolutions 3 (4), (5) and 4 (1), the term of office of a student elected to membership of a Faculty or Board of Studies shall be for a period of one year from 1 January in the year following the election, provided that the term of office of the student member of the Board of Studies in Education referred to in Resolution 2 (2) shall be for the period from the date of his election until the next annual election.

(2) The names of the student members of the Faculty of Science referred to in Resolutions 1 (8) (a), (b) and (c) shall be notified in writing to the Dean of the Faculty by the Council or Executive, as the case may be, of the respective Association not later than the first week of Michaelmas Term in each year and, except as provided in Resolutions 3 (4) and 4 (1), the term of office of those student members shall be for a period of one year from 1 January in the year following the nomination by the Council or Executive.

(3) Except as provided in Resolution 4 (1), the term of office of the student member of the Faculty of Engineering referred to in Resolution 1 (9) (a) shall be for the period from the date of the first meeting of the Committee of the Association in each year to the date of the first meeting of the Committee in the following year.

(4) The term of office of the first student members of the Faculty of Science referred to in Resolutions 1 (8) (b) and (c) shall be from the date of their nomination until 31 December 1979.

(5) The term of office of the student member of the Board of Studies in Social Work referred to in Resolution 2 (3) shall be from the date of appointment or election until 31 December 1980.

4. A student member of a Faculty or Board of Studies shall cease to hold office if he ceases to hold the qualification in respect of which he is eligible for membership of that Faculty or Board of Studies or if he otherwise becomes a member or becomes eligible for membership of that Faculty or Board of Studies.

5. (1) Except as provided in Resolution 5 (2), any vacancy occurring by the death, disqualification or resignation of an elected student member shall be filled by the candidate, if any, who in the immediately preceding election polled the next highest number of votes to the member to be replaced or, if there is no such candidate, by the Dean of the Faculty or the Chairman of the Board of Studies concerned, at his discretion, either (i) appointing a duly qualified student on the recommendation of the remaining student members and, where such exists, the Council, Committee or Executive of the Society or Association representative of the students enrolled in that Faculty or under that Board of Studies or (ii) directing that a by-election be held in accordance with the procedures for an election set out in Resolution 10.

(2) Any vacancy occurring by the death, disqualification or resignation of an elected student member subsequent to the commencement of Trinity Term may be filled by appointment by the Dean of the Faculty or the Chairman of the Board of Studies concerned of a duly qualified student on the recommendation of the remaining student members and, where such exists, the Council, Committee or Executive of the Society or Association representative of the students enrolled in that Faculty or under that Board of Studies.

(3) Any vacancy occurring by the death, disqualification or resignation of a student member of a Faculty or Board of Studies appointed in accordance with the By-laws or Resolutions of the Senate for that Faculty or Board of Studies by virtue of his holding office in, or having been duly nominated by, the Society or Association representative of the students enrolled in that Faculty or under that Board of Studies may be filled by nomination by the Council, Committee or Executive of that Society or Association within a period of 28 days of the vacancy occurring and the student so nominated shall hold office for the balance of the term of the student he replaces.

(4) Any vacancy occurring by death, disqualification or resignation of a student member appointed in accordance with Resolution 1 (8) (c) may be filled by nomination by the Council of the Sydney University Postgraduate Representative Association within a period of 28 days of the vacancy occurring and the student so nominated shall hold office for the balance of the term of the student he replaces.

6. [*Repealed*]

7. (1) Where an insufficient number of nominations has been received for a position of student member of a Faculty or a Board of Studies that position may be filled by appointment by the Dean of the Faculty or the Chairman of the Board of Studies concerned of a duly qualified student after consultation with any other students who have been elected or appointed to that Faculty or Board of Studies for the term of office in question and, where such exists, the Council, committee or Executive of the Society or Association representative of the students enrolled in that Faculty or under that Board of Studies.

(2) Where the appointment of a student member of a Faculty or Board of Studies following the provisions for consultation prescribed in Resolution 7(1) has not been made before 31 March the Dean or Chairman at his or her discretion may appoint a duly qualified student or direct that the position remain vacant.

8. Except as provided in Resolution 9—

(a) the electorate for the election of the undergraduate student member or members of a Faculty or Board of Studies shall comprise all students enrolled as candidates for a degree of Bachelor in that Faculty or under that Board of Studies; and

(b) the electorate for the election of the postgraduate student member or members of a Faculty or Board of Studies shall comprise all full-time and part-time students enrolled as candidates for a postgraduate degree or for a diploma in that Faculty or under that Board of Studies.

9. (1) (a) The electorate for the election of the student member of the Board of Studies in Divinity referred to in Resolution 1 (2) (b) shall comprise all students enrolled as candidates for the degree of Bachelor of Divinity.

(b) The electorate for the election of the student member of the Board of Studies in Divinity referred to in Resolution 1 (2) (c) shall comprise all students enrolled as candidates for the degree of Master of Theology.

(2) (a) The electorate for the election of the student member of the Board of Studies in Education referred to in Resolution 1 (3) (b) shall comprise all students enrolled as candidates for the degree of Master of Education (Pass) or Master of Education (Honours).

(b) The electorate for the election of the student member of the Board of Studies in Education referred to in Resolution 1 (3) (c) shall comprise all students enrolled as candidates for the Diploma in Education.

(3) The electorate for the election of the student members of the Boards of Studies in Music and in Social Work referred to in Resolutions 1 (4) and 1 (5) respectively shall comprise all students enrolled as candidates for a degree supervised by the Boards of Studies in Music and in Social Work respectively.

(4) (a) The electorate for the election of the student member of the Faculty of Law referred to in section 1 (a) (ix) of Chapter XI of the By-laws shall comprise all candidates enrolled for a postgraduate degree or diploma in the Faculty of Law who are graduates in Law.

(b) The electorate for the election of the student members of the Faculty of Law referred to in section 1 (a) (xi) of Chapter XI of the By-laws shall comprise all students enrolled as candidates for the degree of Bachelor of Laws, but not including candidates referred to in section 1 (a) (xii) of that Chapter.

(c) The electorate for the election of the student member of the Faculty of Law referred to in section 1 (a) (xii) of Chapter XI of the By-laws shall comprise all students enrolled as candidates for the degree of Bachelor of Arts, Bachelor of Economics or Bachelor of Science, enrolled in the course Legal Institutions or the course Public Law.

(5) (a) The electorate for the election of the student member of the Faculty of Medicine referred to in Resolution 1 (7) (b) (i) shall comprise all students enrolled as candidates for the degrees of Bachelor of Medicine and

Bachelor of Surgery in the First Year of that course;

(b) the electorate for the election of the student member of the Faculty of Medicine referred to in Resolution 1 (7) (b) (ii) shall comprise all students enrolled as candidates for the degrees of Bachelor of Medicine and Bachelor of Surgery in the Second Year of that course;

(c) the electorate for the election of the student member of the Faculty of Medicine referred to in Resolution 1 (7) (b) (iii) shall comprise all students enrolled either as candidates for the degrees of Bachelor of Medicine and Bachelor of Surgery in the Third Year of that course or as candidates for the degree of Bachelor of Science (Medical); and

(d) the electorate for the election of the student member of the Faculty of Medicine referred to in Resolution 1 (7) (b) (iv) shall comprise all students enrolled as candidates for the degrees of Bachelor of Medicine and Bachelor of Surgery in the Fourth Year of that course.

(6) The electorate for the election of the student members of the Faculty of Engineering referred to in Resolution 1 (9) (b) (i) shall comprise all undergraduate students enrolled as candidates either for the degree of Bachelor of Engineering or for the degree of Bachelor of Science pursuant to section 20 of the Resolutions of the Senate for the degree of Bachelor of Science.

(7) The electorate for the election of the student members of the Faculty of Agriculture referred to in Resolution 1 (12) (b) shall comprise all full-time postgraduate students enrolled as candidates for a postgraduate degree or for a diploma in that Faculty.

(8) The electorate for the election of the student members of the Faculty of Architecture referred to in Resolution 1 (14) (c) shall comprise all students enrolled as candidates for a postgraduate degree other than the degree of Bachelor of Architecture or Bachelor of Landscape Studies or for a diploma in that Faculty.

10. Each election shall be conducted by the Registrar and the following procedures shall apply:

(a) At least 56 days' notice of the day of election shall be given by notice displayed at the University.

(b) No person shall be eligible for election unless his name shall have been communicated to the Registrar not later than 5.00 p.m. on the 29th day before the date fixed for the election.

(c) The nomination paper shall be signed by at least two qualified voters and shall be signed by the person nominated and signifying his consent to the nomination.

(d) Each duly nominated candidate may provide at the time of his nomination a statement of not more than 100 words containing the following information:—

(i) full name;
(ii) academic year;
(iii) degree(s) and/or diploma(s) (if any);
(iv) age;
(v) positions or offices (if any) held in public bodies, clubs, and institutions (including University clubs and societies), together with date(s) of tenure.

This information shall be edited by the Registrar and printed as a summary of information about each candidate for distribution with the voting paper.

(e) On each of the five working days prior to the day on which nominations close, the Registrar shall post on a University noticeboard the valid nominations, if any, received.

(f) On the expiration of the time for receiving nominations—

(i) should the number of nominations not exceed the number of vacancies in any category or categories, the Registrar shall declare that candidate or those candidates duly elected;

(ii) should the number of nominations exceed the number of vacancies in any category or categories, the election for that category or those categories shall be by voting papers as hereinafter provided.

(g) The election shall be conducted in the following manner:

(i) The Registrar shall prepare a list of all persons entitled to vote in each category, completed to the last day for receiving nominations for the election and a copy of that list shall be available for inspection in the Registrar's Office at the University during normal working hours for a period of at least 21 days prior to the day of the election.

(ii) Not later than the seventh day before the day of election the Registrar shall forward to each voter at his address last recorded by the Registrar—

(a) a voting paper;
(b) a summary of information in respect of each candidate who has provided information in accordance with Resolution 10 (d);
(c) a form of declaration providing for the voter to state his name and qualification; and
(d) two envelopes, one marked 'Voting Paper' and the other addressed to the Registrar.

(iii) The voting paper shall contain the names of all duly nominated candidates arranged in alphabetical order, a rectangle opposite and to the left of the name of each candidate and instructions as to the manner in which the voting paper shall be completed.

(iv) the voter shall mark his voting paper by making a cross in the rectangle opposite the name of each candidate for whom he votes but he shall not vote for more candidates than the number of vacancies to be filled.

(v) The voter, having marked his voting paper as herein provided, shall place the voting paper without any other matter in the envelope marked 'Voting Paper' which he shall seal.

(vi) He shall complete and sign the declaration and transmit to the Registrar in the second envelope the declaration and the sealed envelope marked 'Voting Paper'.

(vii) All voting papers so transmitted and received by the Registrar not later than 2.00 p.m. on the day of the election shall be counted in the ballot, which shall be

conducted by the Registrar assisted by such persons as he may require.

(viii) Each candidate may appoint one scrutineer.

(ix) The Registrar shall reject any voting paper in which a voter has voted for more candidates than the number of vacancies to be filled or which is otherwise invalid, and in any case of doubt as to the validity of a voting paper he shall refer the matter to the Dean of the Faculty or Chairman of the Board of Studies concerned, whose decision shall be final.

(x) Where at the close of counting two or more candidates have received an equal number of votes, the Registrar shall—

(i) write the name of each candidate concerned on separate and similar slips of paper;

(ii) fold the slips so as to prevent identification; and

(iii) mix the slips and draw the slips at random, and for the purposes only of ranking among those candidates, a candidate whose name is drawn before another candidate shall be deemed to have received one less vote than the candidate whose name is drawn next.

(xi) The Registrar shall declare duly elected the candidate or candidates equal to the number of vacancies to be filled who have received the greatest number of votes.

APPOINTMENT OF OTHER PROFESSORS TO MEMBERSHIP OF THE ACADEMIC BOARD

Pursuant to section 2 (2) (b) of Chapter VIII of the By-laws the Senate has appointed as members of the Academic Board those members of the staff of the Australian Department of Health and the Ludwig Institute for Cancer Research upon whom the Senate has conferred the title of Professor.

FACULTY STANDING COMMITTEES ON COURSES OF STUDY

Pursuant to section 15 (2) of Chapter VIII of the By-laws the Senate has resolved as follows:—

1. (a) A Faculty with more than one hundred members as at 1st January, 1975 shall appoint a Standing Committee on Courses of Study at the first meeting of the Faculty held after section 15 of Chapter VIII of the By-laws takes effect, provided that if the notice referred to in section 2 of these Resolutions cannot be given in time for the first meeting the Standing Committee shall be appointed at the next succeeding meeting of the Faculty.

(b) A Faculty with more than one hundred members as at 1st January in 1976 and in subsequent years shall appoint a Standing Committee on Courses of Study in Michaelmas Term of each year.

(c) Subject to section 2 other Faculties which have resolved to appoint a Standing Committee on Courses of Study may appoint such a Committee at any time.

2. Prior notice of the appointment of a Standing Committee on Courses of Study shall be given on the notice paper of the meeting at which the appointment is to be made.

3. A person appointed to a Standing Committee on Courses of Study shall hold office from the date of appointment until the next annual appointment of the Committee by the Faculty.

RESOLUTIONS OF THE ACADEMIC BOARD[1]

EXAMINATION RULES

The Academic Board has resolved as follows:

Faculties

Each Faculty shall be responsible for the determination of the rules governing the examination of each student who is enrolled as a candidate for a degree in that Faculty, including any student who is taking a course or courses offered by a Department located primarily in another Faculty. These rules may include the form in which numerical marks are submitted, the grades of pass to be awarded and whether supplementary examinations are to be granted.

[1] See also Additional Resolutions of the Academic Board at the end of the Statutes section.

Maintenance and enforcement of good order within the University

BY-LAWS CHAPTER VIIIA

PRELIMINARY

1. (1) In this Chapter—

'Appeals Committee' means the Student Disciplinary Appeals Committee constituted in accordance with section 33(1);

'misconduct' includes—

(a) conduct on the part of a student which is prejudicial to the good order and government of the University or impairs the reasonable freedom of other persons to pursue their studies or research in the University or to participate in the life of the University; and

(b) refusal by a student to give satisfactory particulars of the student's identity in response to a direction to do so by a prescribed officer and any other form of wilful disobedience to a reasonable direction of a prescribed officer;

'prescribed officer' means a member of the staff of the University so designated by a resolution of the Senate;

'Proctor' means a person appointed as Proctor by the Senate on the nomination of the Vice-Chancellor;

'Proctorial Board' means a Board constituted in accordance with section 18(1);

'student' means a person enrolled as a student of the University or registered as a student in a course conducted within or by the University, but does not include any full-time member of the staff of the University;

'University grounds' includes all land, buildings and other property owned, leased or otherwise used by the University.

2. A prescribed officer shall, before giving a direction to a student, state to the student the officer's name and official position or rank.

3. A document or notice which is required to be given to any person under this Chapter may be—

(a) delivered to or left for the person at the address of the person as last known to the Registrar; or

(b) posted by prepaid registered mail to the person at the address of the person as last known to the Registrar,

and shall be deemed to have been given to the person when it has been so delivered or left or at the expiration of 2 days after it has been so posted.

4. Where, in the opinion of the Vice-Chancellor, the Vice-Chancellor is required to exercise any power or discretion or perform any duty in relation to any matter in which the Vice-Chancellor has been, is or may be personally involved, the Vice-Chancellor may appoint a Deputy Vice-Chancellor to exercise those powers or discretions and to perform those duties and the Deputy Vice-Chancellor shall have the power and authority to so act.

SUSPENSION OF STUDENTS

5. Where, in the opinion of the Vice-Chancellor, a Deputy Vice-Chancellor or the Deputy Principal, the behaviour of a student amounts to misconduct or there is an imminent threat of misconduct by a student, that officer may, for the purpose of halting or preventing misconduct, suspend the student from entering the University grounds or any part thereof for a period not exceeding 1 week.

6. (1) Where, in the opinion of a member of the academic staff, the behaviour of a student in the member's class or during other work supervised by the member amounts to misconduct or there is an imminent threat of misconduct by a student in the member's class or during other work supervised by the member, the member may, for the purpose of halting or preventing misconduct, suspend the student from attending the member's classes or other supervised work for a period not exceeding 1 week.

(2) A member of the academic staff who has imposed a period of suspension under subsection (1) exceeding 24 hours shall forthwith report the suspension and circumstances of the suspension to the Registrar and, unless the suspension was imposed by the Head of a Department or School, to the Head of the member's Department or School.

7. (1) Where, in the opinion of the Librarian or a member of the Library staff nominated by the Librarian for the purpose of this subsection, the behaviour of a student in a library of the University or in relation to any property of the Library amounts to misconduct or there is an imminent threat of misconduct by a student in a library of the University or in relation to any property of the Library, the Librarian or nominated member of the Library staff may, for the purpose of halting or preventing misconduct, suspend the student from the use of or entry to all or any of the libraries of the University for a period not exceeding 1 week.

(2) The Librarian or a nominated member of the Library Staff who has imposed a period of suspension under subsection (1) exceeding 24 hours shall forthwith report the suspension and circumstances of the suspension to the Registrar and, unless the suspension was imposed by the Librarian, to the Librarian.

8. (1) Where, in the opinion of the Registrar, a member of the Registrar's staff nominated by the Registrar for the purpose of this section or a member of the academic staff, the behaviour of a student in, or in respect of, an examination or other test amounts to misconduct or there is an imminent threat of misconduct by a student in, or in respect of, an examination or other test, the Registrar, the nominated member of the Registrar's staff or the member of the academic staff may, for the purpose of halting or preventing misconduct, suspend the student from sitting for the examination or test.

(2) A person who has imposed a suspension under subsection (1) shall forthwith report the suspension and circumstances of the suspension—

(a) unless the suspension was imposed by the Head of the Department or School within which the examination or test was held, to the Head of that Department or School; and

(b) unless the suspension was imposed by the Registrar, to the Registrar.

9. A suspension imposed under section 5, 6(1), 7(1) or 8(1) in respect of conduct alleged to be misconduct shall not prevent any subsequent action against the student in respect of the conduct.

10. The Vice-Chancellor may suspend a student, or extend a suspension of a student, from entering the University grounds or any part thereof for the purpose of halting or preventing misconduct by the student pending an inquiry into, or disciplinary proceedings in respect of, alleged misconduct by the student but no such suspension shall be imposed, extended or continued unless, in the opinion of the Vice-Chancellor, it is reasonably necessary to do so.

11. Where, in respect of certain conduct, a student is suspended under section 1, 8(1) or 10 or is suspended under section 6(1) or 7(1) for a period exceeding 24 hours and—

(a) no subsequent proceedings in respect of the conduct are taken against the student within a reasonable time after the suspension; or

(b) the student is, in relation to the conduct, found by a Proctorial Board or the Vice-Chancellor or on appeal to be not guilty of misconduct,

reasonable allowance shall be made by the University for any academic disadvantage incurred by the student as a result of the suspension.

COMPLAINTS, INVESTIGATIONS AND SUMMARY PROCEEDINGS

12. (1) Any member of the University staff or student may, by written complaint, inform the Registrar of any conduct by a student which the member or student considers to be misconduct.

(2) The Registrar—

(a) shall, upon receipt of a complaint referred to in subsection (1), make a recommendation to the Vice-Chancellor as to whether, in the Registrar's opinion, the conduct which is the subject of the complaint warrants investigation; and

(b) may, without having received any such complaint, make a recommendation to the Vice-Chancellor that conduct by a student which the Registrar alleges to be misconduct warrants investigation.

13. (1) Upon receipt of a recommendation referred to in section 12(2) in respect of conduct by a student, the Vice-Chancellor may, whether or not the Registrar has recommended an investigation of the conduct, determine that no investigation shall be made or direct the Registrar or the Proctor to cause a full investigation of the conduct to be made.

(2) In making the investigation referred to in subsection (1), the Registrar or Proctor shall have power to require any member of the University staff or any student to appear before the Registrar or Proctor with a view to assisting the investigation, but no person appearing shall be obliged to answer any question.

(3) Upon completion of an investigation in relation to an allegation of misconduct by a student, the Registrar or Proctor shall make a recommendation to the Vice-Chancellor—

(a) that no further action should be taken;

(b) that the student be given a notice referred to in section 14(2); or

(c) that the allegation of misconduct be heard and determined by the Vice-Chancellor or a Proctorial Board.

14. (1) Upon receipt of a recommendation referred to in section 13(3) in relation to action to be taken in respect of an allegation of misconduct by a student, the Vice-Chancellor may, whether or not it is in accordance with the recommendation—

(a) decide that no further action should be taken;

(b) cause the student to be given a notice referred to in subsection (2); or

(c) refer the allegation of misconduct to the Chairman of the Proctorial Panel or, unless the Registrar or Proctor recommended that no action should be taken with respect to the allegation, hear and determine the allegation in person.

(2) A notice given under subsection (1)(b) shall inform the student to whom it is addressed of the allegation of misconduct made against that student and that—

(a) if, within the period of 14 days immediately following the date upon which the notice was given, the student notifies the Vice-Chancellor that the allegation of misconduct specified in the notice is denied — the allegation of misconduct will be formally heard and determined; and

(b) if, within the period of 14 days immediately following the date upon which the notice was given, the student does not notify the Vice-Chancellor that the allegation of misconduct is denied — the Vice-Chancellor shall, at the expiration of that period, impose on the student a specified penalty unless—

(i) the student has given to the Vice-Chancellor an explanation concerning the alleged misconduct which the Vice-Chancellor considers adequate, in which case no penalty shall be imposed on the student; or

(ii) the student has satisfied the Vice-Chancellor that, for any reason, a lesser or different penalty from that specified should be imposed, in which case the Vice-Chancellor shall impose the lesser or different penalty on the student.

(3) If a student to whom a notice is given under subsection (1)(b) does not, within the period of 14 days immediately following the date upon which the notice was given, notify the Vice-Chancellor that the allegation of misconduct specified in the notice is denied, the Vice-Chancellor shall, at the expiration of that period, impose on the student the penalty in the notice unless—

(a) the student has given to the Vice-Chancellor an explanation concerning the alleged misconduct which the Vice-Chancellor considers adequate, in which case no penalty shall be imposed on the student in relation to the alleged misconduct; or

(b) the student has satisfied the Vice-Chancellor that, for any reason, a lesser or different penalty from that specified should be imposed, in

which case the Vice-Chancellor shall impose that lesser or different penalty on the student, and shall lay a report of any penalty so imposed upon the table of the Senate and of the Academic Board.

(4) Section 31(4) applies to a report referred to in subsection (3) in the same way as it applies to a report referred to in section 31(3).

(5) If a student to whom a notice is given under subsection (1)(b) denies in accordance with subsection (2)(a) the allegation of misconduct specified in the notice, the Vice-Chancellor shall refer the allegation to the Chairman of the Proctorial Panel or, unless the Registrar or Proctor recommended that no action should be taken with respect to the allegation, hear and determine the allegation in person.

THE PROCTORIAL PANEL

15. (1) There shall be a Proctorial Panel consisting of—

(a) the Chairman of the Academic Board;

(b) 6 full-time members of the academic staff (of whom at least 2 shall be professors and at least 2 shall not be professors) elected by and from the members of the Academic Board who are members of the full-time academic staff; and

(c) 6 students who have been enrolled in the University for at least 6 terms elected by and from the student members of the Academic Board.

(2) The members of the Proctorial Panel, referred to in subsection (1)(b) and (c), shall be elected at a meeting of the Academic Board held in March each year or within such further time as the Senate may allow.

(3) Where the office of any member of the Proctorial Panel referred to in subsection (1)(b) or (c)—

(a) falls vacant, whether by resignation, death, retirement, absence on leave from the University or otherwise; or

(b) is not filled at the election held at the meeting referred to in subsection (2),

that office may be filled by a person elected in accordance with the paragraph in subsection (1) which is applicable to that office.

(4) A member of the Proctorial Panel (other than the member referred to in subsection (1)(a)) shall assume office from the date of election by the Academic Board and shall, subject to subsection (5) and section 20, hold office until a successor is elected.

(5) The Senate may, at any time, extend the term of office of any member of the Proctorial Panel and the successor to that member shall not assume office until the expiration of that term as so extended.

(6) The member of the Proctorial Panel referred to in subsection (1)(a) shall be the Chairman of the Panel.

(7) In the case of the illness or absence of the Chairman of the Proctorial Panel, the Deputy Chairman of the Academic Board may act as deputy for the Chairman during the Chairman's illness or absence and, during the time the Deputy Chairman acts as deputy, the Deputy Chairman shall have all the powers and authority of the Chairman.

PROCTORIAL BOARDS

16. The Chairman of the Proctorial Panel shall convene a meeting of the Proctorial Panel as soon as practicable after the Vice-Chancellor has referred an allegation of misconduct against a student to the Chairman of the Proctorial Panel.

17. (1) At a meeting of the Proctorial Panel the Chairman of the Panel shall inform the Panel of the allegation of misconduct in respect of which the meeting was convened and the name of the student against whom the allegation is made and any member of the Proctorial Panel may, with the consent of the Chairman of the Proctorial Panel, be disqualified at the member's own request from membership of a Proctorial Board to be constituted to hear an allegation against a student on the ground that the member may appear to be biased in relation to any matter concerning the allegation.

(2) When all disqualifications from membership of a Proctorial Board to be constituted to hear an allegation of misconduct have been made under subsection (1), each of the remaining members of the Proctorial Panel shall disclose to the Proctorial Panel—

(a) whether the member has been or is involved in or associated with any matter concerning the allegation and, if the member has been or is so involved or associated, the nature or extent of the involvement or association; and

(b) whether the member has or has had any attitude towards or association with any person known to be involved in or associated with any matter concerning the allegation.

(3) If, in the opinion of the Chairman of the Proctorial Panel, a disclosure made by a member of the Proctorial Panel under subsection (2) gives rise to a reasonable apprehension that the member would be biased in deciding any matter concerning an allegation of misconduct against a student, the Chairman may disqualify that member from membership of the Proctorial Board to be constituted to hear the allegation.

(4) Where the Chairman of the Proctorial Panel seeks to be disqualified under subsection (1) or where the Chairman makes a disclosure under subsection (2), the senior member of the Proctorial Panel referred to in section 15 (1)(b) who has not been disqualified shall have the power to consent to the Chairman being disqualified under subsection (1) or to disqualify the Chairman under subsection (3).

18. (1) A Proctorial Board shall consist of 3 persons of whom—

(a) 1 shall be a member of the Proctorial Panel elected by the Proctorial Panel, being an academic staff member who is not disqualified from membership of that Board;

(b) 1 shall be a member of the Proctorial Panel elected by the Proctorial Panel, being a student member who is not disqualified from membership of that Board; and

(c) 1 shall be a person appointed by the Senate under section 19(1).

(2) The member of a Proctorial Board referred to in subsection (1)(c) shall be Chairman of the Proctorial Board.

(3) If the Chairman of the Proctorial Panel considers it to be desirable, 2 Proctorial Boards may be constituted and may hear different allegations of misconduct simultaneously.

19. (1) The Senate shall appoint 1 or more Chairmen of Proctorial Boards annually, or at such other times as appears to it desirable, from among persons who are barristers or solicitors of the Supreme Court of New South Wales of more than 5 years' standing, or who hold or have held office as Judge or Stipendiary Magistrate in any court in Australia, whether State or Federal.

(2) Where the Senate has appointed more than 1 person to be a Chairman of Proctorial Boards, the Chairman of the Proctorial Panel shall determine which Chairman shall be Chairman of any particular Board.

20. Where the term of office of a member of the Proctorial Panel expires while the member is a member of a Proctorial Board constituted to hear an allegation of misconduct, the member shall continue to be a member of the Proctorial Board until the hearing of the allegation is completed.

21. (1) If a member of the Proctorial Panel dies or otherwise ceases to be a member of the Proctorial Panel while a member of a Proctorial Board constituted to hear an allegation of misconduct or if a member of a Proctorial Board is, for any reason, unable to attend a meeting of the Proctorial Board, the remaining 2 members of that Board may, with the written approval of the Chairman of the Proctorial Panel but subject to section 22, continue the hearing of the allegation and make a determination in relation to the allegation.

(2) If, in the opinion of the Chairman of the Proctorial Panel, it is not possible for a hearing of an allegation of misconduct to be concluded within a reasonable time then a new Proctorial Board shall be constituted and the allegation heard by it *de novo*.

22. A Proctorial Board shall not hear any allegation of misconduct or make any decision in relation to such an allegation (other than a decision to adjourn a hearing) in the absence of the Chairman of the Board.

HEARINGS BY THE VICE-CHANCELLOR OR A PROCTORIAL BOARD

23. An allegation of misconduct against a student shall be heard and determined—

(a) if the Vice-Chancellor has decided to do so in person, as soon as practicable after the Vice-Chancellor so decides; or

(b) if the Vice-Chancellor has referred the allegation to the Chairman of the Proctorial Panel for determination by a Proctorial Board, as soon as practicable after the Proctorial Board is constituted for that purpose.

24. In the hearing of an allegation of misconduct against a student, the Vice-Chancellor or a Proctorial Board—

(a) shall ensure that the student and any witnesses have been correctly identified and that the allegations of misconduct against the student have been made known to the student;

(b) shall have power to summon any member of the University staff or any student to appear to give evidence in relation to the allegation;

(c) shall have power to obtain information as to the facts concerning the allegation in any way the Vice-Chancellor or the Proctorial Board sees fit and may at any stage seek further information in any manner reasonably possible;

(d) shall have full power to determine the procedure of the hearing;

(e) shall, if satisfied that there is insufficient evidence to establish the allegation of misconduct, dismiss the allegation without calling on the student to answer it; and

(f) shall, if satisfied that there is a case to answer with respect to the allegation, give the student an opportunity to answer the allegation.

25. (1) One or more different allegations of misconduct may be heard against one or more students at the same hearing.

(2) If at any time before a final determination has been made in relation to an allegation of misconduct against a student, a fresh allegation is made against the student, being an allegation which arises out of or relates to the same conduct which is the subject of the previous allegation, the Vice-Chancellor or, as the case may be, a Proctorial Board may hear the fresh allegation together with the allegation previously made against the student but the student shall be given an opportunity to prepare a response to that fresh allegation.

26. Where a student fails to appear at the time and place appointed by the Vice-Chancellor or a Proctorial Board, for the hearing of an allegation of misconduct against the student the Vice-Chancellor or, as the case may be, the Proctorial Board may, if satisfied that reasonable and proper steps have been taken to give to the student notice of the hearing—

(a) proceed in the absence of the student; or

(b) adjourn the hearing to a later date and cause the student to be given a notice stating that the hearing is so adjourned and informing the student that the hearing will proceed on the later date notwithstanding any further absence of the student.

27. (1) A person to whom a question is put at a hearing may object to the question and the Vice-Chancellor or, subject to subsection (2), the Proctorial Board shall decide whether the objection should be upheld.

(2) A decision in respect of any matter at a hearing of a Proctorial Board—

(a) where the matter raises a point of law, shall be made by the Chairman of the Board; and

(b) in any other case, shall be made by the agreement of at least 2 members of the Board.

28. The Registrar shall designate the Proctor or any other person to present evidence in relation to an allegation of misconduct at a hearing of the allegation and the Proctor or other person shall attend the hearing, may question any witness giving evidence at the hearing, may present witnesses and other evidence and may address the Vice-Chancellor or the Proctorial Board on any issue.

29. Any student against whom an allegation of misconduct has been made, being an allegation which the Vice-Chancellor has referred to the Chairman of the Proctorial Panel or decided to hear and determine in person—

(a) shall be informed of the allegation and of all relevant particulars relating to the allegation;

(b) shall, subject to section 30(2)(c), have the right to be present at any hearing in which any evidence or submission is given or made in relation to the allegation;

(c) shall be afforded a reasonable opportunity of bringing to the knowledge of the Vice-Chancellor or the Proctorial Board any factual material relevant to the allegation and of bringing before the Vice-Chancellor or Proc-

torial Board any person who can provide that material;

(d) shall be afforded a reasonable opportunity of questioning either in person or by a representative any person who has furnished information at the hearing of the allegation;

(e) shall be entitled to inspect any documentary or other physical evidence placed before the Vice-Chancellor or Proctorial Board;

(f) shall be entitled to address the Vice-Chancellor or Proctorial Board on any issue relating to the allegation whether in relation to the allegation or the penalty which may be imposed; and

(g) shall be entitled to be represented at the hearing of the allegation or to be accompanied at the hearing by a friend.

30. (1) All persons appearing before or present at a hearing of an allegation of misconduct against a student shall conduct themselves in a proper manner.

(2) Where a person fails to comply with subsection (1)—

(a) at a hearing by a Proctorial Board, the Proctorial Board shall, if the person is a member of staff of the University, inform the Vice-Chancellor of the failure;

(b) at a hearing by the Vice-Chancellor or a Proctorial Board, the Vice-Chancellor or, as the case may be, the Proctorial Board shall, if the person is a student, inform the person that disciplinary action may be taken in respect of the person's behaviour; and

(c) at a hearing by the Vice-Chancellor or a Proctorial Board, the Vice-Chancellor or, as the case may be, the Proctorial Board may require the person to leave the hearing.

(3) Where a person who is required under subsection (2)(c) to leave a hearing is the student who is the subject of the hearing, the hearing may only continue in the absence of the student if the student was required to leave the hearing by reason of conduct which was so improper as to unreasonably disrupt the hearing.

31. (1) The Vice-Chancellor or a Proctorial Board may, after hearing an allegation of misconduct against a student—

(a) make a finding that the student is guilty of misconduct but impose no penalty; or

(b) impose 1 or more penalties on the student if satisfied that the student is guilty of misconduct.

(2) The Vice-Chancellor or a Proctorial Board may, instead of or in addition to a penalty imposed under subsection (1)—

(a) where a student is found to have damaged or destroyed any property of the University, order the student to pay to the Registrar such amount as may be determined by the Vice-Chancellor or Proctorial Board as compensation for the damage or destruction of the property;

(b) where a student is found to have taken or removed any property of the University—

(i) order the student to return the property to the University; or

(ii) order the student to pay to the Registrar such amount as may be determined by the Vice-Chancellor or Proctorial Board as compensation for the taking or removal of the property; or

(iii) make orders in respect of the property under sub-paragraphs (i) and (ii); or

(c) where a student is found to have taken or removed and damaged or destroyed any property of the University, make orders in respect of the property under paragraphs (a) and (b).

(3) The Vice-Chancellor and any Proctorial Board shall, as soon as practicable after making a determination under subsection (1)(b) to impose a penalty on any student for misconduct or an order under subsection (2), lay a report of that determination or order upon the table of the Senate and of the Academic Board.

(4) Unless the Senate otherwise determines, only 1 report referred to in subsection (3) shall be required to be tabled at a meeting of the Senate or the Academic Board but the Vice-Chancellor or the person who is presiding at the meeting of the Senate or the Academic Board at which the report is tabled shall state at the meeting the number of persons mentioned in the report, the nature of the misconduct alleged and the penalties imposed or order made.

PENALTIES

32. (1) One or more of the following penalties may be imposed under this Chapter in respect of misconduct by a student:

(a) expulsion from the University;

(b) suspension from admission to or from the use of University grounds or any part thereof, either permanently or for a specified period;

(c) suspension from a University course either permanently or for a specified period;

(d) a fine;

(e) a reprimand or a severe reprimand;

(f) a penalty in accordance with academic usage.

(2) The Vice-Chancellor or a Proctorial Board, when imposing a penalty, may suspend the operation of that penalty on such terms as may be determined by the Vice-Chancellor or Proctorial Board.

THE STUDENT DISCIPLINARY APPEALS COMMITTEE

33. (1) There shall be a Student Disciplinary Appeals Committee which shall consist of—

(a) the Chancellor;

(b) the Deputy Chancellor; and

(c) 7 other Fellows (not including the Vice-Chancellor) elected at the first meeting of the Senate in each calendar year or as soon thereafter as is practicable.

(2) The members of the Appeals Committee referred to in subsection (1)(c) shall hold office until their successors are appointed or until they cease to be Fellows.

(3) Any casual vacancy in the office of a member of the Appeals Committee referred to in subsection (1)(c) shall be filled by the Senate as soon as practicable after the casual vacancy arises.

(4) A quorum for a meeting of the Appeals Committee shall be 5.

APPEALS

34. (1) A student may, in accordance with subsection (2), appeal to the Senate against a determination being—

(a) a finding by the Vice-Chancellor or a Proctorial Board that the student is guilty of misconduct;

(b) the imposition of a penalty upon the student by the Vice-Chancellor under section 14(3) or by the Vice-Chancellor or a Proctorial Board under section 31(1)(b); or
(c) an order made by the Vice-Chancellor or a Proctorial Board under section 31(2).

(2) An appeal by a student against a determination made by the Vice-Chancellor or a Proctorial Board—
(a) shall be filed with the Registrar within the period of 14 days (or such longer period not exceeding 1 month as the Vice-Chancellor may allow) immediately following the date upon which the student was given notice of the determination;
(b) shall be in writing giving full particulars of the grounds of appeal; and
(c) may be made only on 1 or more of the following grounds:
(i) that the determination is unreasonable or cannot be supported, having regard to the evidence;
(ii) that the determination was made in breach of the rules of natural justice;
(iii) that particular evidence should not have been admitted or rejected;
(iv) that fresh relevant evidence has become available to the student, being evidence that was not available or not known to the student at the time of the hearing;
(v) that a provision of this Chapter was not complied with;
(vi) that the meaning or effect of any provision of this Chapter was misinterpreted;
(vii) that in any way whatever there was a miscarriage of justice;
(viii) that the penalty imposed on the student or order made against the student was excessive or inappropriate.

35. Upon receipt of an appeal the Senate shall determine whether to hear the appeal itself or whether to refer the appeal to the Appeals Committee.

36. A Fellow shall not participate in or be present at the hearing of an appeal by the Senate or the Appeals Committee against a determination made by a Proctorial Board of which the Fellow was a member or, if the Fellow is the Vice-Chancellor, against any determination.

37. (1) The Senate or the Appeals Committee shall, on the hearing of an appeal by a student—
(a) allow the appeal if it is of the opinion that the determination of the Vice-Chancellor or Proctorial Board should be set aside on any of the grounds of appeal referred to in section 34(2)(c); or
(b) dismiss the appeal if it is of the opinion that—
(i) the determination of the Vice-Chancellor or Proctorial Board should not be set aside on any of the grounds of appeal referred to in section 34(2)(c); or
(ii) notwithstanding that the determination may be set aside on any 1 or more of the grounds referred to in section 34(2)(c)(ii) to (vii) (both inclusive), no substantial miscarriage of justice has actually occurred.

(2) In allowing an appeal by a student, the Senate or the Appeals Committee may—
(a) quash a determination made by the Vice-Chancellor or a Proctorial Board;
(b) quash a determination made by the Vice-Chancellor or a Proctorial Board and direct that all or any of the allegations the subject of the appeal be reheard by—
(i) if the determination was made by the Vice-Chancellor — a Proctorial Board; or
(ii) if the determination was made by a Proctorial Board — another Proctorial Board;
(c) where the appeal was made on the ground specified in section 34(2)(c)(viii), substitute a different penalty for the one imposed or a different order for the one made; or
(d) where an appeal is made on the ground specified in section 34(2)(c)(iv), consider any fresh evidence offered by the student and determine the matter itself without directing a rehearing.

38. (1) In relation to the hearing of an appeal by a student, the student, any representative of the student and the Proctor or other person designated for that purpose by the Registrar may make written submissions or, with the consent of the Senate or Appeals Committee, may make oral submissions.

(2) The Senate or the Appeals Committee shall, except in the case of an appeal made on the ground specified in section 34(2)(c)(iv), determine an appeal on the basis of such official record of evidence as may have been taken at the hearing of the allegation in respect of which the determination was made.

(3) The provisions of sections 24, 26, 27(1), 28, 29 and 30 shall apply to and in respect of the hearing of an appeal by the Senate or the Appeals Committee in the same way as they apply to and in respect of the hearing of an allegation by the Vice-Chancellor or a Proctorial Board.

39. Where a student has filed an appeal in accordance with section 34(2) against a determination of the Vice-Chancellor or a Proctorial Board to impose a penalty for misconduct or against an order made by the Vice-Chancellor or a Proctorial Board under section 31(2), the penalty or order shall not be enforceable against the student until the appeal is withdrawn or the Senate or the Appeals Committee has determined the appeal.

40. The Senate may at any time, on the recommendation of the Vice-Chancellor, quash a determination made by the Vice-Chancellor, a Proctorial Board, the Appeals Committee or itself, whether or not an appeal has been made against that determination.

41. Subject to section 40, the determination of the Senate or the Appeals Committee on an appeal shall be final and conclusive.

42. Where, immediately before the commencement of this section—
(a) a Proctorial Board has commenced a hearing but had not made a determination in respect of an allegation of a breach of good order or misconduct against a student; or
(b) the Senate had commenced the hearing of an appeal by a student but had not made a determination in respect of the appeal,

the Proctorial Board or the Senate, as the case may be, shall continue to hear and determine that allegation or appeal under the provisions of this By-law as in force immediately before that commencement.

RESOLUTIONS OF THE SENATE

DISCIPLINARY HEARINGS

All disciplinary hearings in the University under the By-laws shall be limited to those persons who in accordance with the By-laws are required or entitled to be present.

INDEMNITY TO PERSONS REQUIRED TO PARTICIPATE IN PROCTORIAL BOARD PROCEEDINGS

Whereas certain persons may in the future be asked by the University to take part in proceedings pursuant to Chapter VIIIA of the By-laws of the University.

And whereas the University wishes to indemnify such persons against any costs or damages incurred by them as a result of properly carrying out their duties pursuant to the said By-laws.

The University will so indemnify any such person provided that the person complies to the full satisfaction of the University with every request by the University in relation to the conduct of his defence.

RESOLUTIONS OF THE ACADEMIC BOARD

ELECTION OF PROCTORIAL PANEL

1. (1) Notice of election to be held in March each year shall be given on the agenda for the regular meeting of the Board in February.
   (2) This notice shall list the names of those student members of the Board who are eligible for election by virtue of having been enrolled in the University for at least 6 terms.
   (3) This notice shall also state that members of the Board desirous of standing for election should give their name to the Dean of their Faculty in the case of academic staff and to the Registrar in the case of students.
2. (1) The Dean of each Faculty shall put forward to the meeting of the Standing Committee prior to the March meeting of the Board the names of one professor and one non-professorial member of the Board who are members of that Faculty and who would be willing to serve as members of the Proctorial Panel.
   (2) The Standing Committee shall then propose to the Board for election 6 members of the academic staff (of whom at least 2 shall be professors and at least 2 shall not be professors) who are members of the Board.
   (3) The Board shall then either appoint the persons as proposed or add further names, in which case an election shall be held at the Board meeting.
3. (1) The Chairman shall convene a meeting of the student members of the Board to be held prior to the March meeting.
   (2) The names of any student members who have indicated their willingness to stand for election shall be communicated to this meeting and any further nominations may be accepted at this meeting.
   (3) An election shall then be held for 6 members of the Panel.

Discipline of academic staff

BY-LAWS CHAPTER VIIIB

[The Senate at its meeting on 4 October 1983 approved amendment of the by-laws to provide for a new chapter, Chapter VIIIB, entitled 'Discipline of Academic Staff'. These new by-laws are subject to approval by the Minister for Education and by the Governor.]

Deans of faculties

BY-LAWS CHAPTER IX

1. A Dean of a Faculty shall be Chairman and executive officer of the Faculty and shall have such other duties and powers as may from time to time be assigned to him by the Senate.

2. (1) Except as provided in section 6—
(a) each Faculty shall elect, in the period between the third Monday in September and the third Monday in October of every alternate year commencing in 1975, from the full-time permanent members of the academic staff who are members of the Faculty a person who shall be Dean;
(b) a Dean shall hold office for the term of two years from the first day of January in the year following the election; and
(c) where the office of a Dean becomes vacant by death, resignation or otherwise before the expiration of the term for which the Dean was elected, a successor shall be elected by the Faculty as soon as conveniently may be and that successor shall hold office as Dean for the remainder of that term.

(2) Except as provided in subsection (3) a person holding office as Dean prior to these By-laws taking effect shall hold office in accordance with this Chapter until 31st December, 1975.

(3) Where in accordance with section 6 the Senate appoints a Dean of a Faculty in which there is an elected Dean, the term of office of the elected Dean shall terminate on the day immediately preceding the day on which the appointed Dean takes office.

3. Except in the case of a Faculty with a Dean appointed in accordance with section 6—
(a) the Dean may nominate from the full-time permanent members of the academic staff who are members of the Faculty, and the Faculty may appoint the person so nominated, a Pro-Dean to hold office for such period within the term of office of the Dean as the Faculty may determine; and
(b) subject to section 1 the Pro-Dean shall have such duties and powers as may from time to time be assigned to him by the Dean.

4. (1) A Faculty may elect from the full-time permanent members of the academic staff who are members of the Faculty one or more persons who shall be Sub-Dean or Sub-Deans to assist the Dean in the exercise of his duties and powers.

(2) The Sub-Dean or Sub-Deans shall hold office for such period or periods within the term of office of the Dean as the Faculty may determine.

(3) A Sub-Dean shall have such duties and powers as may from time to time be assigned to him by the Dean.

5. Where an elected Dean is from time to time absent from that office through illness or any other cause the Faculty may elect an Acting Dean from the full-time permanent members of the academic staff who are members of the Faculty to hold office during that absence and the Acting Dean shall be deemed to be, and shall have the duties and powers of, the Dean.

6. (1) Where a Faculty so recommends, the Senate may appoint a person as a full-time Dean[1] of that Faculty and that person shall hold office for such period as the Senate may determine.

(2) On the termination of office of an appointed Dean a further recommendation of the Faculty referred to in subsection (1) shall be made before any other person is appointed to be Dean of that Faculty.

(3) Where an appointed Dean is from time to time absent from that office through illness or any other cause the Vice-Chancellor may appoint an Acting Dean from the full-time permanent members of the academic staff who are members of the Faculty to hold office during that absence and the Acting Dean shall be deemed to be, and shall have the duties and powers of, the Dean.

7. The Dean of a Faculty who is not a Fellow of the Senate may be present at any meeting of the Senate and be heard at any meeting of the Senate during the discussion of business relating to that Faculty.

RESOLUTIONS OF THE SENATE

1. A Dean of a Faculty shall be *ex officio* a member and, if he wishes, chairman of every committee of the Faculty.

2. He shall consult with, and be available to be consulted by, Heads of Departments, other staff and students.

3. In accordance with the general policy laid down by the Faculty on the advice of Heads of Departments, he shall make appropriate arrangements for changes in course content and timetabling.

4. After appropriate consultation with the Faculty or with members of the Faculty the Dean shall make recommendations to the Vice-Chancellor on such matters as staffing increases, submissions to the Australian Universities Commission, the construction of new buildings and alterations to existing buildings within the University.

[1] The Senate has approved a position of full-time appointed Dean in the case of the Faculty of Medicine.

Faculty of Arts

BY-LAWS CHAPTER X

1. The Faculty of Arts shall comprise, apart from *ex officio* members, the following.

(a) the Professors, Readers, Associate Professors, Senior Lecturers, Lecturers, Principal Tutors[1], Senior Tutors and Assistant Lecturers in the following Schools and Departments:—

Greek
Latin
English
French Studies
Germanic Studies
Italian
Oriental Studies
Semitic Studies
History
Archaeology
Philosophy
Government and Public Administration
Psychology
Education
Anthropology
Geography
Indonesian and Malayan Studies
Music
Fine Arts
Pure Mathematics
Applied Mathematics
Mathematical Statistics
Social Work
Linguistics
Religious Studies
Modern Greek

who are full-time members of the teaching staff of the University;

(b) the Dean of the Faculty of Science together with two other full-time members of the teaching staff of the Faculty of Science, not otherwise members of the Faculty of Arts, nominated annually by the Faculty of Science;

(c) the full-time members of the teaching staff who are engaged in teaching for the Diploma in Museum Studies;

(d) the Dean of the Faculty of Economics, the Professors of Economics and Economic History together with three other full-time members of the Department of Economics and two other full-time members of the Department of Economic History nominated annually by the Faculty of Economics;

(e) the Dean of the Faculty of Law and two other full-time members of the teaching staff of the Faculty of Law nominated annually by the Faculty of Law;

(f) not more than eight students elected as prescribed by resolution of the Senate[1];

(g) the Librarian;

(h) the Director of The Language Study Centre;

(i) the Curator of the Power Gallery of Contemporary Art; and

(j) such other full-time members of the teaching staff of Departments other than those referred to in paragraph (a) above as may be annually appointed by the Faculty at its last meeting each year.

2. (1) The degrees in the Faculty shall be:

(a) Bachelor of Arts (B.A.)
(b) Master of Arts (Pass) (M.A.(Pass))
(c) Master of Arts (Honours) (M.A.(Hons))
(d) Master of Psychology (M.Psychol.)
(e) Doctor of Philosophy (Ph.D.)
(f) Doctor of Letters (D.Litt.)

(2) The diplomas in the Faculty of Arts shall be:

(a) Diploma in Anthropology (Dip.Anth.)
(b) Diploma in the Teaching of English as a Foreign Language (Dip.T.E.F.L.)
(c) Diploma in Museum Studies (Dip.Museum Stud.)

BACHELOR OF ARTS

3. (1) The degree shall be awarded in two grades, namely the Pass degree and the Honours degree.

(2) There shall be three classes of Honours, namely Class I, Class II, and Class III and within Class II there shall be two divisions, namely Division 1 and Division 2.

4. Subject to section 5, a candidate for the degree shall complete such requirements for the degree as may be prescribed by resolution from time to time by the Senate on the recommendation of the Faculty and the Academic Board.

5. A candidate who enrolled for the degree before the day upon which section 4 took effect:

(a) may elect to continue towards the degree in accordance with the by-laws in force immediately before that day; and

(b) where he so elects, shall complete the requirements for the degree on or before 31st December, 1981, or such later date as the Faculty of Arts may, in special circumstances, approve.

MASTER OF ARTS (PASS)

6. The degree of Master of Arts (Pass) shall be awarded in one grade only, provided that an outstanding candidate may be awarded the degree with merit.

7. The degree may be taken in the following subject-areas:

(i) Anthropology
(ii) Applied Mathematics
(iii) Archaeology
(iv) Classics
(v) Computer Science
(vi) Economic History
(vii) Economics

[1] The Senate has approved an amendment of these by-laws removing all reference to the now discontinued grade of Principal Tutor.

[1] See Senate Resolutions following Chapter VIII.

(viii) Education
(ix) English
(x) Fine Arts
(xi) French
(xii) Geography
(xiii) Geomorphology
(xiv) German
(xv) Government
(xvi) Greek
(xvii) History
(xviii) Indonesian and Malayan Studies
(xix) Italian
(xx) Latin
(xxi) Mathematical Statistics
(xxii) Medieval Studies
(xxiii) Modern Greek
(xxiv) Music
(xxv) Oriental Studies
(xxvi) Philosophy
(xxvii) Psychology
(xxviii) Pure Mathematics
(xxix) Semitic Studies
(xxx) Historical Archaeology
(xxxi) Applied Linguistics (Language in Education)
(xxxii) Linguistics
(xxxiii) Religious Studies
(xxxiv) Social Studies

8. An applicant for admission to candidature for the degree shall—

(a) except as provided in Chapter XXVIA of the By-laws, be a Bachelor of Arts of the University of Sydney, or, in special cases, hold another degree of the University of Sydney;
(b) have completed three courses within the subject-area in which he seeks to proceed to the degree or have completed courses deemed by the Faculty to be equivalent; and
(c) after consultation with the Head of Department or the chairman of the inter-Departmental or inter-School Committee concerned, apply in writing to the Registrar for approval by the Faculty of his admission to candidature.

9. A candidate shall complete such requirements for the degree as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board and the Faculty of Arts.

MASTER OF ARTS (HONOURS)

10. (1) The degree of Master of Arts (Honours) shall be awarded in two classes of Honours, namely, Class I and Class II.

(2) An outstanding candidate who has distinguished himself at the examination for the degree shall, if he possesses sufficient merit, receive a bronze medal.

11. The degree may be taken in the following subject-areas:

(i) Anthropology
(ii) Applied Mathematics
(iii) Archaeology
(iv) Classics
(v) Computer Science
(vi) Economic History
(vii) Economics
(viii) Education
(ix) English
(x) Fine Arts
(xi) French
(xii) Geography
(xiii) Geomorphology
(xiv) German
(xv) Government
(xvi) Greek
(xvii) History
(xviii) Indonesian and Malayan Studies
(xix) Italian
(xx) Latin
(xxi) Mathematical Statistics
(xxii) Medieval Studies
(xxiii) Modern Greek
(xxiv) Music
(xxv) Oriental Studies
(xxvi) Philosophy
(xxvii) Psychology
(xxviii) Pure Mathematics
(xxix) Semitic Studies
(xxx) Historical Archaeology
(xxxi) Applied Linguistics (Language in Education)
(xxxii) Linguistics
(xxxiii) Religious Studies
(xxxiv) Social Studies

12. An applicant for admission to candidature for the degree shall—

(a) except as provided in Chapter XXVIA of the By-laws, be a Bachelor of Arts with Honours of the University of Sydney or, in special cases, a graduate with Honours in another Faculty of the University of Sydney or, with the special permission of the Faculty, hold the degree of Master of Arts (Pass) or hold qualifications deemed by the Faculty to be equivalent[1];
(b) have obtained Honours in a subject within the subject-area in which he seeks to proceed to the degree or have obtained qualifications deemed by the Faculty to be equivalent; and
(c) after consultation with the Head of Department or the Chairman of the inter-Departmental or inter-School Committee concerned, apply in writing to the Registrar for approval by the Faculty of his admission to candidature.

13. A candidate shall complete such requirements for the degree as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board and the Faculty of Arts.

14. The provisions of sections 6 to 13 and the Resolutions arising therefrom shall have effect on and from 29th March, 1976, provided that a candidate for the degree of Master of Arts who was admitted to candidature prior to that date may complete in accordance with the By-laws and Resolutions which were existing at the time he commenced, subject to any amendments thereof that take effect before 29th March, 1976.

MASTER OF PSYCHOLOGY

15. (1) The degree of Master of Psychology shall be awarded in one grade only.

(2) An outstanding candidate may be awarded the degree with merit.

(3) The award of the degree shall be supervised by a Board of Studies responsible to the Faculty and consisting of—

(a) the Dean of the Faculty;
(b) the Heads of the Departments of Psychiatry and Social Work;

[1] The Faculty will normally admit to candidature for the degree of MA(Hons) an applicant who already holds the degree of MA(Pass) only if he or she has been awarded the degree of MA(Pass) with merit.

(c) the Professors, Readers, Associate Professors and Senior Lecturers in the Department of Psychology;
(d) the Lecturers, Principal Tutors[1] and Senior Tutors who are full-time members of the academic staff of the Department of Psychology who are engaged in teaching for the degree; and
(e) not more than two students elected in the manner and for the period prescribed by Resolution of the Senate; and
(f) such other persons as may be appointed by the Faculty on the recommendation of the persons referred to in paragraphs (a) to (d).

(4) The persons appointed to the Board of Studies pursuant to subsection (3)(f) shall hold office for 2 years and, if otherwise qualified, shall be eligible for reappointment.

16. The Faculty, on the recommendation of the Board of Studies, may grant admission to candidature for the degree to an applicant —
(a) who has completed work in Abnormal Psychology acceptable to the Board; and
(b) who—
(i) has completed with Honours in Psychology the requirements for the degree of Bachelor of Arts or Bachelor of Science, being degrees of the University of Sydney, or who, being a graduate of the University of Sydney, holds qualifications considered by the Faculty to be equivalent; or
(ii) has completed the requirements for the degree of Master of Science in Psychology or Master of Arts (Honours) in Psychology, being degrees of the University of Sydney.

17. *[Repealed]*

18. (1) The Academic Board, on the recommendation of the Faculty and the Board of Studies, may grant admission to candidature for the degree to an applicant who is a graduate of a university, other than the University of Sydney, and who holds qualifications which, in the opinion of the Board of Studies, the Faculty and the Academic Board, are equivalent to those prescribed in section 16.

(2) Notwithstanding section 19, the Board of Studies may, in respect of an applicant referred to in subsection (1), prescribe such requirements for completion of the degree as it thinks fit.

19. A candidate shall complete such requirements for the degree as may be prescribed from time to time by Resolution of the Senate on the recommendation of the Academic Board and the Faculty of Arts.

20. Except where the Faculty, on the recommendation of the Board of Studies, otherwise permits, a candidate who has been admitted to candidature for the degree in accordance with section 16 or 18 (1) shall complete the requirements for the degree —
(a) if he is a full-time candidate, in a period of 2 years; or
(b) if he is a part-time candidate, in a period of 4 years.

DOCTOR OF PHILOSOPHY

21. The degree of Doctor of Philosophy shall not be conferred except as prescribed in Chapter XIXD.

[1] The Senate has approved an amendment of these by-laws removing all reference to the now discontinued grade of Principal Tutor.

DOCTOR OF LETTERS

22. The degree of Doctor of Letters (D.Litt.) shall not be conferred except as prescribed in Chapter XIXB

DIPLOMA IN ANTHROPOLOGY

23. There shall be a Diploma in Anthropology (Dip.Anth.).

24. Admission to candidature for the Diploma in Anthropology may be granted (a) to graduates of the University of Sydney, (b) to graduates of any other university approved by the Faculty of Arts and the Academic Board, (c) to officers of the Public Services of the British Empire, and (d) to such other persons as may be approved by the Faculty of Arts:

Provided that candidates seeking admission under (c) and (d) shall give evidence of such qualifications as may be required by the Professor of Anthropology and approved by the Faculty, and provided further that candidates seeking admission under (d) shall furnish evidence by means of publications of anthropological subjects or of reports on field work and research or both that they are specially fitted to enter upon systematic courses of study in Anthropology.

25. Candidates for the Diploma in Anthropology shall—
(a) attend either concurrently in one year, or successively in two years, the course Anthropology I and the Honours course in Anthropology II and such other courses and work as the Head of the Department may prescribe, and pass the examinations in these courses;
(b) present within three years or such longer period as shall be approved by the Faculty from their completion of these courses a thesis on a subject approved by the Professor of Anthropology, and, if required, pass an examination on the subject matter of the thesis and also on a subject or subjects to be determined by the Professor of Anthropology;

provided that candidates who have graduated in Arts in this University after completing as courses for the degree at least Courses II and III of the Honours School of Anthropology shall be held to have so far qualified for the Diploma and may present their thesis within three years or such longer period as shall be approved by the Faculty from their graduation in Arts; provided further that the examiners in determining the award may take into consideration together with the thesis any work published by the candidate and submitted by him in support of his candidature.

26.-30. *[Repealed]*

DIPLOMA IN THE TEACHING OF ENGLISH AS A FOREIGN LANGUAGE

31. There shall be a Diploma in the Teaching of English as a Foreign Language (Dip.T.E.F.L.).

32. (1) The award of the Diploma shall be supervised by a Board of Studies responsible to the Faculty of Arts and consisting of—
(a) the Dean of the Faculty of Arts or his representative;
(b) the Heads of the Departments of English and Education;
(c) six other members of the Faculty of Arts elected by the Faculty of Arts (at least one being a member of the Department of English and at least one a member of the Department of Education); and
(d) such further persons, if any, not exceeding two, as may be appointed by the Faculty of

Arts on the recommendation of the aforesaid members.

(2) Each of the Heads of the Departments of English and Education may appoint a member of his respective Department to attend the Board in his place, either for a particular meeting or for any length of time not exceeding his term as such Head, with full power to speak and vote thereat on his behalf.

(3) The election of the six members of the Faculty of Arts shall be held in Michaelmas Term of every alternate year, commencing in 1969, and the members so elected shall hold office for a period of two years from the first day of January following the election. Any members so elected shall be eligible for re-election.

(4) The persons appointed by the Faculty of Arts shall hold office for two years and shall be eligible for re-appointment.

33. Admission to candidature for the Diploma may be granted to—

(a) graduates of the University of Sydney or of any other university approved by the Faculty of Arts and the Academic Board, who have produced evidence of having had, normally for at least three years, such teaching experience as the Faculty of Arts considers satisfactory; and

(b) such other persons as may be approved, by the Faculty of Arts, who have produced evidence of holding academic and teaching qualifications acceptable to the Faculty of Arts and of having had, normally for at least five years, such teaching experience as the Faculty of Arts considers satisfactory;

provided that applicants seeking admission shall satisfy the Board of Studies, by means of such tests as the Board may require, of their competence in written and spoken English.

34. A candidate for the Diploma shall—

(a) attend the courses of instruction prescribed for the Diploma from time to time by resolution of the Senate on the recommendation of the Academic Board and the Faculty of Arts;

(b) complete satisfactorily the essays, exercises and practical work, if any; and

(c) pass the examinations of the course.

35. A candidate for the Diploma shall complete the courses prescribed in a period of not less than one year.

DIPLOMA IN MUSEUM STUDIES

36. There shall be a Diploma in Museum Studies (Dip.Museum Stud.).

37. (1) The award of the Diploma shall be supervised by a Board of Studies responsible to the Faculty of Arts and consisting of the Dean of the Faculty of Arts, the Professor of Contemporary Art, the Curator of the Nicholson Museum, the Curator of the Power Gallery of Contemporary Art, the Curator of the Macleay Museum, at least three persons appointed by the Faculty of Arts and such other persons as may be appointed by the Faculty of Arts on the recommendation of the aforesaid members.

(2) Any person appointed under subsection (1) shall hold office for two years and shall be eligible for re-appointment.

38. (1) Subject to subsection 2, admission to candidature for the Diploma may be granted, either—

(a) to a graduate of the University of Sydney; or

(b) on the recommendation of the Faculty of Arts and with the approval of the Academic Board—

(i) to a graduate of another University; or

(ii) to the holder of qualifications approved by the Faculty of Arts and the Academic Board obtained in an institution approved by the Faculty of Arts and the Academic Board.

(2) An applicant for admission to candidature shall have completed courses acceptable to the Board of Studies referred to in section 37 (1).

39. A candidate for the Diploma shall complete such requirements for the Diploma as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board, the Faculty of Arts and the Board of Studies.

RESOLUTIONS OF THE SENATE

BACHELOR OF ARTS

In accordance with section 4 of Chapter X of the by-laws, the following resolutions governing candidature for the degree have been prescribed by the Senate:

1. In respect of the degree of Bachelor of Arts, the definitions of a 'course' and the expression 'to complete a course'; the enrolment and examination procedures for courses and results available; and the requirements of candidates repeating courses are prescribed in Chapter XXII of the By-laws.

2. A course may be a first year, second year, third year or fourth year course and this is designated by the roman numeral I, II, III or IV respectively.

3. The courses available are arranged in the following subject areas and are listed in Resolution 16:

Group I

(1) Anthropology
(2) Arabic
(3) Archaeology
(4) Australian Literature
(5) Biblical Studies
(6) Chinese
(7) Education
(8) English
(9) Fine Arts
(10) French
(11) Geography
(12) German
(13) Greek (Classical)
(14) Greek (Modern)
(15) Hebrew
(16) Historical Archaeology
(17) History
(18) Indian Studies
(19) Indonesian and Malayan Studies
(20) Islamic Studies
(21) Italian
(22) Japanese
(23) Latin
(24) Linguistics
(25) Music
(26) Philosophy
(27) Psychology
(28) Religious Studies
(29) Social Theory

Group II

(No more than six courses may be counted from this group.)

(1) Economic History
(2) Economics
(3) Government

Group III
(No more than six courses may be counted from this group.)
(1) Applied Mathematics
(2) Pure Mathematics
(3) Mathematical Statistics

Group IV
(1) Biology
(2) Chemistry
(3) Computer Science
(4) Geology
(5) Physics

Group V
(1) Law

4. (1) At least five courses must be completed from the subject areas listed in Groups I–III except as provided in resolutions 18(2) and 19(2).
(2) No more than five courses may be counted as qualifying courses for the degree from any one subject area listed in Groups I–III.
(3) No more than six courses may be counted as qualifying courses for the degree from the subject areas in Group II.
(4) No more than six courses may be counted as qualifying courses for the degree from the subject areas in Group III.
(5) No more than four courses may be taken in any one year.

5. (1) No course may be counted more than once as a qualifying course for the degree.
(2) Candidates may not count as qualifying courses for the degree more than one of such courses as the Faculty deems to be mutually exclusive.

6. (1) Before commencing a second year course a candidate must, except with the permission of the Faculty, have completed the antecedent first year course in that subject area or another prescribed antecedent course.
(2) Before commencing a third year course a candidate must, except with the permission of the Faculty, have completed the antecedent second year course in that subject area or another prescribed antecedent course.

7. (1) For certain courses a prerequisite course may be prescribed by the Faculty or, in the case of the first year courses, by the Senate.
(2) A prerequisite course is a course which in addition to any antecedent course must, except with the permission of the Faculty, have been completed prior to a candidate taking a course for which it has been declared to be a prerequisite.

8. (1) A first year course may be taken as —
(a) an elementary course — designated IB;
(b) an intermediate course — designated IAB; or
(c) a standard course — designated IA or I.
(2) Admission to elementary courses is restricted to candidates who, in the opinion of the Head of Department concerned, are not qualified to enter an intermediate or standard course in that subject area.
(3) A second elementary course may be counted as a qualifying course for the degree only if the candidate either completes a course II and a course III in one of the subject areas or a course II in both subject areas.
(4) No more than one first year course in a particular subject area may be counted as a qualifying course for the degree except where otherwise prescribed by the Faculty.

9. (1) A second year course may be taken as —
(a) a second year course;
(b) an additional second year course; or
(c) a second year honours course.
(2) An additional second year course may only be taken subsequently to completion of, or concurrently with, a second year or second year honours course in that subject area.
(3) A candidate may count as qualifying courses for the degree from one subject area one second year course, one second year course together with an additional second year course if available, or one second year honours course together with one additional second year course if available.
(4) A candidate, except with the permission of the Faculty, may not take a second year honours course without having obtained a result of credit or better at the first attendance at the first year course in that subject area or a prescribed antecedent course.
(5) A second year honours course may include part or all of the work prescribed for the second year course and may include prescribed work for the preceding long vacation.
(6) A candidate who has either failed to gain a result of credit or better in a second year honours course or has only completed the second year course may, after completion of such supplementary work as may be required by the Head of the Department concerned, and having shown sufficient merit in that work, be admitted to the third year honours course if otherwise qualified and be deemed for the purposes of meeting the requirements for the Honours degree to have completed a second year honours course.

10. (1) A third year course may be taken as —
(a) a third year course;
(b) an additional third year course; or
(c) a third year honours course.
(2) An additional third year course may only be taken subsequently to completion of, or concurrently with, a third year or a third year honours course in that subject area.
(3) A candidate may count as qualifying courses for the degree from one subject area one third year course, one third year course together with one additional third year course if available, or one third year honours course together with one additional third year course if available.
(4) A candidate, except with the permission of the Faculty or as provided in Resolution 9(6), may not take a third year honours course without having obtained a result of credit or better at the first attendance of the second year course in that subject area or a prescribed antecedent course.
(5) A third year honours course may include part or all of the work prescribed for the third year course and may include prescribed work for the preceding long vacation.
(6) A candidate, except with the permission of the Faculty, may not take a third year honours course unless he or she has completed five courses.
(7) A candidate who has either failed to gain a result of credit or better in a third year honours course or has only completed the third year course may, after completion of such supplementary work as may be required by the Head of the Department concerned and having shown sufficient merit in that work, be admitted to the fourth year honours course if otherwise qualified and be deemed for the purpose of meeting the require-

ments for the Honours degree to have completed a third year honours course.

11. (1) A fourth year course may be offered only as a fourth year honours course.

(2) A candidate may not, except as provided in Resolution 10(7), take a fourth year honours course without having obtained a result of credit or better at the third year honours course in that subject area or a prescribed antecedent course.

(3) A candidate may not take a fourth year honours course, except as provided in section (4) below, without having completed seven qualifying courses as prescribed in Resolution 14 below.

(4) In exceptional circumstances a candidate may be permitted by the Faculty to take a seventh qualifying course concurrently with a fourth year honours course.

12. (1) A candidate who has qualified to enter a fourth year honours course in two subject areas may either, with the approval of the Faculty, on the recommendation of the Heads of the Departments concerned —

(a) complete the fourth year honours course in each of the two subject areas concurrently in one year, or

(b) complete the fourth year honours course in each of the two subject areas consecutively in two years, or

(c) complete a joint fourth year honours course in the two subject areas in one year.

(2) A joint fourth year honours course shall represent such parts of the fourth year honours course of each subject area as may be approved by the Faculty on the recommendation of the Heads of the Departments concerned, in each individual case.

(3) (a) A candidate proceeding pursuant to subsection (1)(a) or subsection (1)(b) shall be eligible for the award of honours in each subject area.

(b) A candidate proceeding pursuant to subsection (1)(c) shall be eligible for the award of joint honours in a form which recognises the subject areas in which he or she has completed such joint honours.

Pass degree

13. In order to qualify for the award of the Pass degree a candidate must over a period of not less than three years, except as provided in sections (2) and (3), complete nine courses which shall include either

(a) at least three second year courses and two third year courses; or

(b) at least two second year courses and three third year courses.

(2) A candidate who has completed eight courses which include

(a) one second year honours course and one third year honours course both passed at credit level; and

(b) two further second or third year courses

may, on application to the Faculty, be held to have qualified for the Pass degree.

(3) A candidate who has completed seven courses which include

(a) one second year honours course and one third year honours course of which at least one was passed at distinction level and one at credit level; and

(b) two further second or third year courses

may, in circumstances considered by the Faculty to be exceptional, be held to have qualified for the award of the Pass degree.

Honours degree

14. (1) In order to qualify for the Honours degree a candidate must complete over a period of not less than four years eight courses which shall include—

(a) a fourth year honours course;

(b) four second and third year courses of which one must be a third year honours course and one a second year honours course.

(2) Candidates who do not obtain Honours at the end of the fourth year course may be awarded a Pass degree if in the opinion of the Head of the Department concerned their work is of sufficient merit.

(3) There shall be no re-examination for honours.

(4) Candidates who complete the fourth year course but fail a seventh course taken concurrently with the fourth year course in accordance with Resolution 11(4) may be awarded a Pass degree if in the opinion of the Faculty their work is of sufficient merit.

(5) The candidate who most distinguishes himself or herself in each fourth year honours course shall, if the candidate's work is of sufficient merit, receive a bronze medal.

(6) A candidate who has been awarded the degree in the grade of Pass degree may subsequently qualify for the degree in the grade of Honours degree by fulfilling such of the requirements of section (1) above as had not already been met.

(7) A candidate who has qualified for the award of the degree in the grade of Pass degree shall not be awarded that degree so long as he or she remains enrolled in a fourth year honours course.

Time limits

15. (1) Except with the permission of the Faculty the requirements for the degree must be completed within ten calendar years of first enrolment in the degree.

(2) Except with the permission of the Faculty and the Head of Department concerned the requirements for the honours degree must be completed in no more than six separate years of enrolment.

Courses

16. (1) The courses available for the degree, together with the resolutions of the Faculty concerning prerequisites, antecedent courses, and mutually exclusive courses are as set out in the following tables.

(2) In addition to these courses the Faculty may permit a candidate to take as qualifying courses for the degree other courses in subject areas not available in the University of Sydney taken at any other university or appropriate institution, provided that no candidate may count more than three such courses towards the degree.

TABLE OF COURSES [*See Resolution 16*]

Course	Group	Prerequisite (at the Higher School Certificate)	Faculty resolutions	Notes
First Year courses				
Anthropology I	I	—	—	A day and an evening course are offered, but students may not switch classes between courses during the year.
Arabic IB	I	—	Only one course may be counted.	Elementary course
Arabic IA	I	The 3 unit course, or at least the 71st percentile in the 2 unit course.		The department will hold a placement test to determine whether entry should be to IA or IB, but students with the appropriate HSC prerequisite must normally enrol in the IA course.
Archaeology I	I	—	—	
Biblical Studies I	I	—	—	A Second Year course is available, but there is no Third or Fourth Year course.
Biology I	IV	No prerequisite but assumed knowledge of either 2 unit Biology or the Biology section of the Science Multistrand course.	Only one of the two Biology I courses may be counted.	Note the prerequisites for Biology II.
Biology I (Human, Social and Environmental)	IV	As above		This course does not lead to admission to Biology II.
Chemistry I	IV	No prerequisite but assumed knowledge of Mathematics 2 unit course and the Chemistry section of the Science Multistrand 4 unit course or 2 unit Chemistry.	—	Note the prerequisites for Chemistry II. Students are placed in different streams but all lead to admission to Chemistry II.
Chinese IB	I	—	Only one course may be counted.	Elementary course
Chinese IA	I	The 3 unit course or the 2 unit course at a satisfactory standard.		The department will hold a placement test to determine whether entry should be to IA or IB, but students with the appropriate HSC prerequisite must normally enrol in the IA course.
Computer Science I	IV	No prerequisite but assumed knowledge of 2 unit Mathematics	—	Note the prerequisites for Computer Science II and III.
Economic History I	II	—	—	—
Economics I	II(2)	No prerequisite but assumed knowledge of 2 unit Mathematics.	May be counted with the Australian Economy. May not be counted with Economics I or I(P) completed prior to 1984.	—
The Australian Economy	II(2)	—	May be counted with Economics I.	—
English I	I	No prerequisite: Assumed knowledge of 3 unit or 2 unit English.	—	—
Fine Arts I	I	—	—	—

Course	Group	Prerequisite (at the Higher School Certificate)	Faculty resolutions	Notes
French IB	I	—	Only one course may be counted.	Elementary course
French IAB	I	A standard to be determined by the department.		Intermediate course
French IA	I	The 3 unit course, or the 2 unit course at a satisfactory standard.		The department will hold a placement test to determine whether entry should be to IA, IAB or IB, but students with the appropriate HSC prerequisite must normally enrol in the IA course.
General Pure Mathematics	III(2)	No prerequisite but assumed knowledge of 2 unit Mathematics.	May not be counted with Mathematics I.	This is an antecedent course for Pure Mathematics II or Mathematical Statistics II if passed at the credit level; otherwise a Second Year course is not available.
General Statistical Methods	III(3)	No prerequisite but assumed knowledge of 2 unit Mathematics or Mathematics in Society.	May not be counted if taken subsequent to or concurrently with completion of Mathematical Statistics II.	This course does not lead to any Second Year course. See the prerequisites for Mathematical Statistics II.
Geography I	I	—	—	A morning and an afternoon course are offered, but students may not switch classes between courses during the year.
Geology I	IV	No prerequisite. No previous knowledge of Geology assumed.	—	HSC Physics or Chemistry is preferred as background. Note prerequisite for Geology II.
German IB	I	—	Only one course may be counted.	Elementary course
German IAB	I	A standard to be determined by the department.		Intermediate course
German IA	I	The 3 unit course, or the 2 unit course at a satisfactory standard.		The department will hold a placement test to determine whether entry should be to IB, IAB or IA, but students with the appropriate HSC prerequisite must normally enrol in the IA course.
Government I	II	—	—	A number of distinct alternative courses are available of which one may be taken.
Greek IB (Classical)	I	—	Only one course may be counted.	Elementary course
Greek IB (Koine)	I	—		Elementary course. No Second Year course is available.
Greek IA (Classical)	I	The 3 unit course or the 2 unit course at a satisfactory standard.		The department will hold a placement test to determine whether entry should be to IA or IB, but students with the appropriate HSC prerequisite must normally enrol in the IA course.
Greek (Modern)[1]				

[1] For the entry for Modern Greek, see alphabetically below.

Course	Group	Prerequisite (at the Higher School Certificate)	Faculty resolutions	Notes
Hebrew IB	I	—	Only one course may be counted.	Elementary course
Hebrew IA	I	The 3 unit course, or at least the 71st percentile in the 2 unit course.		The department will hold a placement test to determine whether entry should be to IA or IB, but students with the appropriate HSC prerequisite must normally enrol in the IA course.
History I	I	—	—	A number of distinct alternative courses are available of which one may be taken.
Indonesian and Malayan Studies IB	I	—	Only one course may be counted.	Elementary course
Indonesian and Malayan Studies IA	I	The 3 unit course, or at least the 31st percentile in the 2 unit course, or 3 unit or 2 unit Bahasa Indonesia/ Malaysia.		The department will hold a placement test to determine whether entry should be to IA or IB, but students with the appropriate HSC prerequisite must normally enrol in the IA course.
Italian IB	I	—	Only one course may be counted.	Elementary course
Italian IA	I	The 3 unit course or the 2 unit course at a satisfactory standard.		The department will hold a placement test to determine whether entry should be to IA or IB, but students with the appropriate HSC prerequisite must normally enrol in the IA course.
Islamic Studies I	I	—	—	Offered in alternate years with Islamic Studies II. Next offered in 1985.
Japanese IB	I	—	Only one course may be counted.	Elementary course
Japanese IA	I	The 3 unit course, or at least the 31st percentile in the 2 unit course.		The department will hold a placement test to determine whether entry should be to IA or IB, but students with the appropriate HSC prerequisite must normally enrol in the IA course.
Latin IB	I	—	Only one course may be counted.	Elementary course
Latin IA	I	The 3 unit course or at least the 51st percentile in the 2 unit course.		The department will hold a placement test to determine whether entry should be to IA or IB, but students with the appropriate HSC prerequisite must normally enrol in the IA course.
Legal Institutions	V(1)	—	—	—
Linguistics I	I	—	—	Note the prerequisites for Linguistics II.
Mathematics I	III	No prerequisite but assumed knowledge of 3 unit Mathematics.	May not be counted with General Pure Mathematics.	—

Course	Group	Prerequisite (at the Higher School Certificate)	Faculty resolutions	Notes
Modern Greek IB	I	—	Only one course may be counted.	Elementary course
Modern Greek IA	I	The 3 unit course or the 2 unit course at a satisfactory standard.		The department will hold a placement test to determine whether entry should be to IA or IB, but students with the appropriate HSC prerequisite must normally enrol in the IA course.
Music I	I	At least the 61st percentile in the 3 unit course or the 2 unit course.	—	Students who have not taken HSC Music may qualify after taking a departmental musicianship test.
Philosophy I	IV	—	—	Students may take a First Year course from either the Department of General Philosophy or the Department of Traditional and Modern Philosophy or a course derived from both departments.
Physics I	IV	No prerequisite but assumed knowledge of Mathematics 3 unit course and the Physics section of Science Multistrand 4 unit course or 2 unit Physics.	Mathematics I is a corequisite course. May not be counted with Physics I (Life Sciences).	Students are placed in one of two streams but both lead to Physics II.
Physics I (Life Sciences)	IV	No prerequisite but assumed knowledge of Mathematics 2 unit course and the Physics section of the 4 unit Science Multistrand course.	May not be counted with Physics I.	This course does not lead to admission to Physics II.
Psychology I	I	—	—	—
Religious Studies I	I	—	—	—
The Australian Economy	II(2)	—	May be counted with Economics I.	This is not an antecedent course for any Second Year course.

Course	Group	Antecedent course	Prerequisite	Faculty resolutions	Notes
Second Year courses					
Aboriginal Performing Arts II	I(25)	—	Three First Year courses, including one of Music I, Anthropology I, Linguistics I.	May be counted in addition to Second Year Music courses.	—
Anthropology IIA (Social Anthropology)	I	Anthropology I	—	Only two of IIA (Pass or Hons) IIB (Pass or Hons) or IIC may be counted.	—
Anthropology IIA Honours (Social Anthropology)	I	Anthropology I	At credit level		Alternatively Honours work may be in Anthropological Linguistics.
Anthropology IIB (Prehistory)	I	Anthropology I	—		—
Anthropology IIB Honours (Prehistory)	I	Anthropology I	At credit level		—
Anthropology IIC (Society and Culture)	I	Anthropology I	—		This course does not lead to admission to Anthropology III.
Applied Mathematics II	III	Mathematics I	—	Only one course may be counted.	—
Applied Mathematics II Honours	III	Mathematics I	At credit level		—
Arabic IIB	I	Arabic IB	—	Only one course may be counted.	—
Arabic IIA	I	Arabic IA	—		—
Arabic II Honours	I	Arabic IA or IB	At credit level		Students are advised to take Islamic Studies I as well.
Archaeology II	I	Archaeology I	—	Only one course may be counted.	—
Archaeology II Honours	I	Archaeology I	At credit level		—
Australian Literature II	I	—	At least 3 First Year courses.	—	—
Biblical Studies II	I	Biblical Studies I	—	—	There is no Third Year course in this subject area.
Biology IIE	IV	Biology I	Physics I or Mathematics I or General Pure Mathematics or Chemistry I	Only one Second Year Biology course may be counted.	Predominantly animal biology.
Biology IIJ	IV	Biology I			Predominantly plant biology.
Biology IIK	IV	Biology I			A combination of plant and animal topics.
Chemistry II	IV	Chemistry I	Mathematics I or General Pure Mathematics	—	—

Course	Group	Antecedent course	Prerequisite	Faculty resolutions	Notes
Chinese IIB	I	Chinese IB	—	Only one Second Year course may be counted.	Course content as for Chinese IA.
Chinese IIA	I	Chinese IA	—		—
Chinese IIA Honours	I	Chinese IA	At credit level		—
Classical Literature in Translation II	I(13/23)	—	*Three First Year* courses	*May not be counted* together with Greek IA, Greek IIB, Latin IIB or Classical Literature in *Translation III*.	*Offered jointly by* the Departments of Greek and Latin; administratively supervised by the Department of Greek in 1984.
Computer Science II	IV	Computer Science I	Mathematics I or General Pure Mathematics	—	Note the prerequisites for Computer Science III.
Economic History II	II	Economic History I	—	Only one Second Year course may be counted.	—
Economic History II Honours	II	*Economic History I*	At credit level		Described as Economic History II Advanced.
Economics II	II	Economics I	—	Only one Second Year course may be counted.	—
Economics II Honours	II	Economics I	At credit level		Described as Economics II Advanced.
Economics II(P)	II	Economics I(P)	—		—
Education II	I	Anthropology I, Psychology I, or Philosophy I	—	Only one Second Year course may be counted.	—
Education II Honours	I	As above	A credit pass in one of the antecedent courses		—
English II Course 1	I	English I	—	Only two of the Second Year courses may be counted and English II Course 2 may only be taken *concurrently with or* subsequent to completion of English II Course 1 or English II Honours.	—
English II Course 2	I	English I	—		—
English II Honours	I	English I	At credit level		—
Fine Arts II	I	Fine Arts I	—	Only one Second Year course may be counted.	—
Fine Arts II Honours	I	Fine Arts I	At credit level		—
French IIB	I	French IB	—	Only two of IIB (Pass or Hons), IIA (Pass or Hons) or II Additional may be counted.	—
French IIB Honours	I	French IB	At credit level		Note the requirements for French IV Honours.
French IIA	I	French IA or French IAB	—		—
French IIA Honours	I	French IA or French IAB	At credit level		—
French II Additional	I	French IB, IAB, or IA	—	II Additional may only be taken concurrently with or subsequent to completion of another Second Year French course.	—

Course	Group	Antecedent course	Prerequisite	Faculty resolutions	Notes
Geography II	I	Geography I	—	Only one course may be counted.	Two alternative courses are offered. Note the prerequisites for the various units within Geography III courses.
Geography II Honours	I	Geography I	At credit level		
Geology II	IV	Geology I	Chemistry I	—	—
German IIB	I	German IB	—	Only one of IIB (Pass or Hons) or IIA (Pass or Hons) may be counted.	—
German IIB Honours	I	German IB	At credit level		—
German IIA	I	German IA or IAB	—		—
German IIA Honours	I	German IA or IAB	At credit level		—
Government II	II	Government I	—	Only one course may be counted.	—
Government II Honours	II	Government I	At credit level		—
Greek IIB	I	Greek IB	—	IIB may not be counted with Greek IA.	Students must pass a vacation reading list prior to enrolment.
Greek IIA	I	Greek IA	—	Only two of IIB (Pass) or IIA (Pass or Hons) may be counted.	—
Greek IIA Honours	I	Greek IA	At credit level		—
Hebrew IIB (Classical)	I	Hebrew IB	—	Only two of IIB Classical, IIB Modern, IIA Classical, IIA Modern and II Honours may be counted.	—
Hebrew IIB (Modern)	I	Hebrew IB	—		—
Hebrew IIA (Classical)	I	Hebrew IA	—		—
Hebrew IIA (Modern)	I	Hebrew IA	—		—
Hebrew II Honours	I	Hebrew IA or IB at credit level	—		—
Historical Archaeology II	I	—	Three First Year courses	—	—
History II	I	History I	—	Only two of History II (Pass or Hons) or History II Additional may be counted.	—
History II Honours	I	History I	At credit level		—
History II Additional	I	History I	—	II Additional may only be taken concurrently with or subsequent to completion of History II or History II Honours.	—
Indian Studies II	I	—	At least two First Year courses.	—	—

Course	Group	Antecedent course	Prerequisite	Faculty resolutions	Notes
Indonesian and Malayan Studies IIB	I	Indonesian and Malayan Studies IB	—	Only two of the courses IIB (Pass or Hons), IIA (Pass or Hons) or II Additional may be counted.	—
Indonesian and Malayan Studies IIB Honours	I	Indonesian and Malayan Studies IB	At credit level		—
Indonesian and Malayan Studies IIA	I	Indonesian and Malayan Studies IA	—		—
Indonesian and Malayan Studies IIA Honours	I	Indonesian and Malayan Studies IA	At credit level		—
Indonesian and Malayan Studies II Additional	I	Indonesian and Malayan Studies IA or IB	—	II Additional may only be taken concurrently with or subsequent to completion of another Second Year course in Indonesian and Malayan Studies.	—
Islamic Studies II	I	Islamic Studies I	—	—	Offered in alternate years with Islamic Studies I.
Italian IIB	I	Italian IB	—	Only one of the courses IIB (Pass or Hons) and IIA (Pass or Hons) may be counted.	—
Italian IIB Honours	I	Italian IB	At credit level		—
Italian IIA	I	Italian IA	—		—
Italian IIA Honours	I	Italian IA	At credit level		—
Italian IIB Additional	I	Italian IB	—	May only be taken concurrently with or subsequent to completion of Italian IIB and not after Italian IIIB.	—
Japanese IIB	I	Japanese IB	—	Only one Second Year course may be counted.	Course content as for Japanese IA.
Japanese IIA	I	Japanese IA	—		—
Japanese IIA Honours	I	Japanese IA	At credit level		—
Latin IIB	I	Latin IB	—	Only one Second Year course may normally be counted.	Course content as for Latin IA.
Latin IIA	I	Latin IA	—		—
Latin IIA Honours	I	Latin IA	At credit level		—
Linguistics II	I	Linguistics I	One other First Year course	A First Year course in a foreign language must be taken concurrently if not previously counted.	—
Linguistics II Honours	I	Linguistics I	At credit level and one other First Year course		—
Mathematical Statistics II	III	Mathematics I or General Pure Mathematics at credit level	—	Only one course may be counted.	Note prerequisites for Mathematical Statistics III.
Mathematical Statistics II Honours	III	Mathematics I	At credit level		—
Modern Greek IIB	I	Modern Greek IB	—	Only one Second Year course may be taken.	—
Modern Greek IIA	I	Modern Greek IB or IAB	—		—

Course	Group	Antecedent course	Prerequisite	Faculty resolutions	Notes
Music II	I	Music I	—	Only two courses may be taken.	—
Music II Honours	I	Music I	At credit level		—
Music II Additional	I	Music I	—	Music II Additional may only be taken concurrently with or subsequent to completion of Music II or Music II Honours.	—
Philosophy IIG	I	Philosophy I	—	Only two of IIG (Pass or Hons), IIT (Pass or Hons) or IIG or T Additional may be taken.	—
Philosophy IIG Honours	I	Philosophy I	At credit level		—
Philosophy IIT	I	Philosophy I	—		—
Philosophy IIT Honours	I	Philosophy I	At credit level		—
Philosophy IIG Additional	I	Philosophy I	—	IIG Additional may only be taken concurrently with or subsequent to completion of Philosophy IIG.	Philosophy IIG Additional consists of *either* Philosophy IIT *or*, with Faculty permission, four approved Philosophy IIG options.
Philosophy IIT Additional	I	Philosophy I	—	IIT Additional may only be taken concurrently with or subsequent to completion of Philosophy IIT.	Philosophy IIT Additional is identical with Philosophy IIG.
Physics II	IV	Physics I	Mathematics I	—	Note prerequisite for Physics III.
Psychology IIA	I	Psychology I	—	Only one course may be taken.	—
Psychology IIA Honours	I	Psychology I	At credit level		—
Psychology IIB	I	Psychology I	—		This course does not lead to Psychology III.
Public Law	V(1)	Legal Institutions	—	—	—
Pure Mathematics II	III	Mathematics I or General Pure Mathematics at credit level.	—	—	—
Pure Mathematics II Honours	III	Mathematics I	At credit level	—	—
Religious Studies II	I	—	At least two First Year courses.	—	—
Religious Studies II Honours	I	—	At least two First Year courses, one at credit level.	—	—
Social Theory II	I	Psychology I and one of Philosophy I, Anthropology I, Government I, History I, or Education II.	—	—	—

Course	Group	Antecedent course	Prerequisite	Faculty resolutions	Notes
Third Year courses					
Anthropology IIIA (Social Anthropology)	I	Anthropology IIA	—	Only two of Anthropology IIIA (Pass or Honours) or IIIB (Pass or Honours) may be counted.	Alternative Honours work may be in Anthropological Linguistics.
Anthropology IIIA Honours (Social Anthropology)	I	Anthropology IIA Honours	At credit level		
Anthropology IIIB (Prehistory)	I	Anthropology IIB	—		
Anthropology IIIB Honours (Prehistory)	I	Anthropology IIB Honours	At credit level		
Applied Mathematics III	III	Applied Mathematics II	—	Only one course may be counted.	—
Applied Mathematics III Honours	III	Applied Mathematics II Honours	At credit level		—
Arabic III	I	Arabic IIA or IIB	—	Only one course may be counted.	—
Arabic III Honours	I	Arabic II Honours	At credit level and Islamic Studies I		—
Archaeology III	I	Archaeology II	—	Only one course may be counted.	—
Archaeology III Honours	I	Archaeology II Honours	At credit level		—
Australian Literature III	I	Australian Literature II or at least two Second Year courses	—	This course may not be taken by candidates who have previously failed Australian Literature II.	—
Biology IIIE	IV	Biology IIE	—	Only one Third Year Biology course may be counted.	Predominantly animal biology
Biology IIIJ	IV	Biology IIJ	—		Predominantly plant biology
Biology IIIK	IV	Biology IIE or IIJ	—		A combination of plant and animal topics.
Chemistry III	IV	Chemistry II	—	—	—
Chinese IIIB	I	Chinese IIB	—	Only two of IIIB (Pass or Honours) and IIIA (Pass or Honours) may be counted.	—
Chinese IIIB Honours	I	Chinese IIB Honours	At credit level		—
Chinese IIIA	I	Chinese IIA	—		—
Chinese IIIA Honours	I	Chinese IIA Honours	At credit level		—
Classical Literature in Translation III	I	—	Two Second Year courses	May not be counted with Greek IA, Greek IIB, Latin IA, Latin IIB or Classical Literature in Translation II.	Offered jointly by the Departments of Greek and Latin; administratively supervised by the Department of Greek in 1984.
Computer Science III	IV	Computer Science II	Pure Mathematics II, Applied Mathematics II or Mathematical Statistics II	—	Note the prerequisites for Computer Science IV Honours.

Course	Group	Antecedent course	Prerequisite	Faculty resolutions	Notes
Common Law	V(1)	—	Legal Institutions	—	Comprises Torts and Contracts.
Economic History III	II	Economic History II	—	Only two of III (Pass or Honours) and III Additional may be counted.	—
Economic History III Honours	II	Economic History II Honours	At credit level		Described as Economic History III Advanced.
Economic History III Additional	II	Economic History II	—	III Additional may only be taken with or subsequent to Economic History III (Pass or Honours)	—
Economics III	II	Economics II or Economics II(P)	—	Only two of III (Pass or Honours) and III Additional may be counted.	—
Economics III Honours	II	Economics II Honours or Economics II(P)	At credit level		—
Economics III Additional	II	Economics II or II(P)	—	III Additional may only be taken concurrently with or subsequent to Economics III (Pass or Honours)	—
Education III	I	Education II or Anthropology II or Psychology II or Philosophy II	—	Only one Third Year course may be counted.	—
Education III Honours	I	Education II Honours, Anthropology II Honours, Psychology II Honours, or Philosophy II Honours	—		—
English III Course 1	I	English II	—	Only two of the Third Year courses may be counted and English III Course 2 may only be taken concurrently with or subsequent to completion of English III Course 1 or English III Honours.	—
English III Course 2	I	English II	—		—
English III Honours (Early English Literature and Language)	I	English II Honours	At credit level		—
English III Honours (Literature)	I	English II Honours	At credit level		—
Fine Arts III	I	Fine Arts II	—	Only two of III (Pass or Honours) and III Additional may be counted.	—
Fine Arts III Honours	I	Fine Arts II Honours	At credit level		—
Fine Arts III Additional	I	Fine Arts II	—	III Additional may only be taken concurrently with or subsequent to Fine Arts III (Pass or Honours).	—

Course	Group	Antecedent course	Prerequisite	Faculty resolutions	Notes
French IIIB	I	French IIB	—	Only two of IIIB (Pass or Honours), IIIA (Pass or Honours) and III Additional may be counted.	—
French IIIB Honours	I	French IIB Honours	At credit level		—
French IIIA	I	French IIA or French IIB and French II Additional	—		—
French IIIA Honours	I	French IIA Honours or French IIB Honours and French IIB Additional	At credit level		—
French III Additional	I	French IIA or IIB	—	III Additional may only be taken concurrently with or subsequent to another Third Year French course.	—
Geography IIIP	I	Geography II	—	Only two of IIIP (Pass or Honours) and IIIE (Pass or Honours) may be counted.	—
Geography IIIP Honours	I	Geography II Honours	At credit level		—
Geography IIIE	I	Geography II	—		—
Geography IIIE Honours	I	Geography II Honours	At credit level		—
Geology III	I	Geology II	—	—	—
German IIIB	I	German IIB	—	Only two of III (A, B or Honours) and III Additional may be counted.	—
German IIIA	I	German IIA	—		—
German III Honours	I	German IIA Honours or German IIB Honours	At credit level		—
German III Additional	I	German IIB or IIA	—	III Additional may only be taken concurrently with or subsequent to another Third Year German course.	—
Government III	II	Government II	—	Only two of III (Pass or Honours) and III Additional may be counted.	—
Government III Honours	II	Government II Honours	At credit level		—
Government III Additional	II	Government II	—	III Additional may only be taken concurrently with or subsequent to another Third Year Government course.	—
Greek IIIB	I	Greek IIB	—	Only two of IIIB (Pass or Honours) and IIIA (Pass or Honours) may be counted.	—
Greek IIIB Honours	I	Greek IIB	At credit level		—
Greek IIIA	I	Greek IIA	—		—
Greek IIIA Honours	I	Greek IIA Honours or IIIB Honours	At credit level		—
Hebrew III (Classical)	I	Hebrew IIB (Classical) and vacation reading or Hebrew IIA (Classical)	—	Only two of III ((Classical) Pass or Honours) and III ((Modern) Pass or Honours) may be counted.	—
Hebrew III (Modern)	I	Hebrew IIA (Modern) or Hebrew IIB (Modern)	—		—
Hebrew III Honours (Classical)	I	Hebrew II Honours	At credit level		—
Hebrew III Honours (Modern)	I	Hebrew II Honours	At credit level		—

Course	Group	Antecedent course	Prerequisite	Faculty resolutions	Notes
Historical Archaeology III	I	—	Two Second Year courses	May not be counted with Historical Archaeology II and may not be taken by a candidate who has previously failed Historical Archaeology II	—
History III	I	History II	—	Only two of History III (Pass or Honours) and History III Additional may be counted.	—
History III Honours	I	History II Honours	At credit level		—
History III Additional	I	History II	—	III Additional may only be taken concurrently with or subsequent to another Third Year History course.	—
Indian Studies III	I	Indian Studies II	—	—	—
Indonesian and Malayan Studies IIIB	I	Indonesian and Malayan Studies IIB	—	Only two of IIIB (Pass or Honours), IIIA (Pass or Honours) and IIIB Additional may be counted.	—
Indonesian and Malayan Studies IIIB Honours	I	Indonesian and Malayan Studies IIB Honours	At credit level		—
Indonesian and Malayan Studies IIIA	I	Indonesian and Malayan Studies IIA	—		—
Indonesian and Malayan Studies IIIA Honours	I	Indonesian and Malayan Studies IIA Honours	At credit level		—
Indonesian and Malayan Studies III Additional	I	Indonesian and Malayan Studies IIB or IIA	—	III Additional may only be taken concurrently with or subsequent to another Third Year Indonesian and Malayan Studies course.	—
Italian III	I	Italian IIA or IIB	—	Only one course may be counted.	—
Italian III Honours	I	Italian IIB Honours or IIA Honours	At credit level		—
Japanese IIIB	I	Japanese IIB	—	Only two of IIIB (Pass or Honours) and IIIA (Pass or Honours) may be counted.	—
Japanese IIIB Honours	I	Japanese IIB Honours	At credit level		—
Japanese IIIA	I	Japanese IIA	—		—
Japanese IIIA Honours	I	Japanese IIA Honours	At credit level		—
Latin IIIB	I	Latin IIB	—	Only two of IIIB (Pass or Honours) and IIIA (Pass or Honours) may be counted.	—
Latin IIIB Honours	I	Latin IIB Honours	At credit level		—
Latin IIIA	I	Latin IIA	—		—
Latin IIIA Honours	I	Latin IIA Honours	At credit level		—
Linguistics III	I	Linguistics II	—	Only one course may be counted.	—
Linguistics III Honours	I	Linguistics II Honours	At credit level		—

Course	Group	Antecedent course	Prerequisite	Faculty resolutions	Notes
Mathematical Statistics III	III	Mathematical Statistics II	Pure Mathematics II	Only one course may be counted.	—
Mathematical Statistics III Honours	III	Mathematical Statistics II Honours	At credit level and Pure Mathematics II		—
Modern Greek IIIB	I	Modern Greek IIB	—	Both courses may be taken.	—
Modern Greek IIIA	I	Modern Greek IIA	—		—
Music III	I	Music II	—	Only two of III (Pass or Honours) and III Additional may be taken.	—
Music III Honours	I	Music II Honours	At credit level		—
Music III Additional	I	Music II and Music II Additional	—	III Additional may only be taken concurrently with or subsequent to another Third Year Music course.	—
Philosophy IIIG	I	Philosophy IIG	—	Only two of IIIG (Pass or Honours), IIIT (Pass or Honours) or IIIG or IIIT Additional may be taken.	—
Philosophy IIIG Honours	I	Philosophy IIG Honours	At credit level		—
Philosophy IIIT	I	Philosophy IIT	—		—
Philosophy IIIT Honours	I	Philosophy IIT Honours	At credit level		—
Philosophy IIIG Additional	I	Philosophy IIT or G	—	IIIG Additional may only be taken concurrently with or subsequent to completion of Philosophy IIIG.	Philosophy IIIG Additional consists of *either* Philosophy IIIT *or*, with Faculty permission, four approved Philosophy IIIG options.
Philosophy IIIT Additional	I	Philosophy IIT or G	—	IIIT Additional may only be taken concurrently with or subsequent to completion of Philosophy IIIT.	Philosophy IIIT Additional is identical with Philosophy IIIG.
Physics III	IV	Physics II	Pure Mathematics II	—	—
Psychology III	I	Psychology IIA	—	Only one course may be counted.	—
Psychology III Honours	I	Psychology IIA Honours	At credit level		—
Pure Mathematics III	III	Pure Mathematics II	—	Only one course may be counted.	—
Pure Mathematics III Honours	III	Pure Mathematics II Honours	At credit level		—
Religious Studies III	I	Religious Studies II	—	Only one course may be counted.	—
Religious Studies III Honours	I	Religious Studies II Honours	At credit level		—
Social Theory III	I	Social Theory II	—	—	—

Course	Group	Antecedent course	Prerequisite	Faculty resolutions	Notes
Fourth Year courses					
Anthropology IV Honours	I	Anthropology IIIA Honours or IIIB Honours	At credit level	—	—
Applied Mathematics IV Honours	III	Applied Mathematics III Honours	At credit level	—	—
Arabic IV Honours	I	Arabic III Honours	At credit level	—	—
Archaeology IV Honours	I	Archaeology III Honours	At credit level	—	—
Chinese IV Honours	I	Chinese IIIA Honours	At credit level	—	—
Classics IV Honours	I	Latin III Honours and Greek III Honours	At credit level	May not be counted with Greek IV Honours or Latin IV Honours	—
Computer Science IV Honours	IV	Computer Science III	At credit level. A Third Year Mathematics course	—	—
Economic History IV Honours	II	Economic History III Honours	At credit level	—	—
Economics IV Honours	II	Economics III Honours	At credit level	—	—
Education IV Honours	I	Education III Honours or Philosophy III Honours and Education II Honours	At credit level	—	—
English IV Honours	I	English III Honours	At credit level	—	There are two courses: one in English Literature and one in Early English Literature and Language
Fine Arts IV Honours	I	Fine Arts III Honours	At credit level	—	—
French IV Honours	I	French III Honours	At credit level	—	—
Geography IV Honours	I	Geography IIIE or P Honours	At credit level	—	—
Geomorphology IV Honours	I	Geography IIIP Honours	At credit level	—	—
German IV Honours	I	German IIIA or IIIB Honours	At credit level	—	—
Government IV Honours	I	Government III Honours	At credit level	—	—
Greek IV Honours	I	Greek IIIA Honours	At credit level	—	—
Hebrew IV Honours	I	Hebrew III Honours	At credit level	—	—
History IV Honours	I	History III Honours	At credit level	—	—
Indonesian and Malayan Studies IV Honours	I	Indonesian and Malayan Studies IIIA Honours or IIIB Honours	At credit level	—	—

Course	Group	Antecedent course	Prerequisite	Faculty resolutions	Notes
Italian IV Honours	I	Italian III Honours	At credit level	—	—
Japanese IV Honours	I	Japanese IIIA Honours	At credit level	—	—
Latin IV Honours	I	Latin IIIA Honours	At credit level	—	—
Linguistics IV Honours	I	Linguistics III Honours	At credit level	—	—
Mathematical Statistics IV Honours	III	Mathematical Statistics III Honours	At credit level	—	—
Music IV Honours	I	Music III Honours	At credit level	—	—
Philosophy IVG Honours	I	Philosophy IIIG Honours	At credit level	—	—
Philosophy IVT Honours	I	Philosophy IIIT Honours	At credit level	—	—
Psychology IV Honours	I	Psychology III Honours	At credit level	—	—
Pure Mathematics IV Honours	III	Pure Mathematics III Honours	At credit level	—	—
Religious Studies IV Honours	I	Religious Studies III Honours	At credit level	—	—

Credit

17. (1) (a) An applicant for admission to candidature who is a graduate in another faculty or a board of studies of the University of Sydney or a graduate of another university with qualifications deemed by the Faculty to be equivalent to those of a graduate of the University of Sydney shall be given credit for up to three courses which may be a specified or unspecified course or courses for the degree.

(b) An applicant for admission to candidature who holds a degree which has been awarded by an Australian tertiary institution other than a university and which is accredited by the Australian Council on Awards in Advanced Education or who holds a qualification deemed by the Faculty to be equivalent may be given credit for up to three courses which may be a specified or unspecified course or courses for the degree.

(c) An applicant for admission to candidature who holds a diploma, other than an associate diploma, which has been awarded by an Australian tertiary institution other than a university and which is accredited by the Australian Council on Awards in Advanced Education or who holds a qualification deemed by the Faculty to be equivalent may be given credit for one specified or unspecified course for the degree.

(d) An applicant for admission to candidature who as an undergraduate of the University of Sydney in another faculty or under a board of studies has completed a course or courses may be given credit towards the degree for either —

(i) any number of courses, which shall be specified courses or

(ii) up to four courses, of which not more than two shall be unspecified courses,

or towards the Honours degree up to five courses, of which not more than two shall be unspecified courses.

(e) An applicant for admission to candidature who as an undergraduate at a university other than the University of Sydney has completed a course or courses acceptable to the Faculty may be given credit towards the Pass degree for either —

(i) up to four courses, which shall be specified courses, or

(ii) up to four courses, of which not more than two shall be unspecified courses,

or towards the Honours degree for either—

(i) up to five courses, which shall be specified courses, or

(ii) up to five courses, of which not more than two shall be unspecified courses,

provided that the applicant is no longer counting such courses towards a qualification at that university.

(f) An applicant for admission to candidature who has completed a course or courses towards an award which is accredited by the Australian Council on Awards in Advanced Education at an Australian tertiary institution, other

than a university, or an institution deemed by the Faculty to be equivalent may be given credit towards the Pass degree for either —

(i) up to four courses, which shall be specified courses, or

(ii) up to four courses, of which not more than two shall be unspecified courses,

or towards the Honours degree for either—

(i) up to five courses, which shall be specified courses, or

(ii) up to five courses, of which not more than two shall be unspecified courses,

provided that the applicant is no longer counting such courses towards a qualification at that institution.

(2) (a) For the purposes of these Resolutions a specified course shall be equivalent to one of the courses listed in Resolution 16.

(b) Any course given credit for as an unspecified course shall be designated by the Faculty as falling within a particular year and subject area group.

(3) A candidate granted credit under section (1)(a), (b), (c), (d), (e) or (f) shall —

(i) complete, in accordance with the requirements of these Resolutions but subject to section (4), courses considered by the Faculty to have been not already taken and

(ii) obtain the approval of the Faculty for the courses proposed to be completed for the degree.

(4) A candidate granted credit under section (1)(a), (b) or (c) may not proceed to the degree in accordance with Resolutions 18, 19 or 20.

Combined degrees

18. (1) Notwithstanding the provisions of Chapter XIXA of the By-laws and subject to these Resolutions a person may proceed concurrently as a candidate for the degrees of Bachelor of Arts and Bachelor of Laws and may count as qualifying courses for the degree of Bachelor of Arts each of the courses Legal Institutions, Public Law and Common Law (comprising Contracts and Torts as provided for in the Resolutions of the Senate relating to the degree of Bachelor of Laws) as a first year, a second year and a third year course respectively provided that such a candidate may not except with the permission of the Faculty enrol in more than four courses in one year.

(2) A candidate proceeding under section (1) above may with the permission of the Faculty complete fewer than five courses from the subject areas listed in groups I–III in Resolution 3.

19. (1) Notwithstanding any other provision of these Resolutions or the provisions of Chapter XIXA of the By-laws a candidate shall be held to have qualified for the award of the Pass degree if he or she has completed —

(a) seven qualifying courses for the degree of Bachelor of Arts and

(b) the requirements for the degrees of Bachelor of Medicine and Bachelor of Surgery as prescribed in Chapter XII of the By-laws.

(2) The seven qualifying courses referred to in section (1)(a) above must

(a) be approved by the Faculty;

(b) include at least four courses from the subject areas listed in groups I–III in Resolution 3;

(c) include at least three second or third year courses; and

(d) be completed before entering the fifth year of the course for the degrees of Bachelor of Medicine and Bachelor of Surgery.

20. (1) Notwithstanding the provisions of Chapter XIXA of the By-laws, a person may proceed concurrently as a candidate for the degrees of Bachelor of Arts and Bachelor of Social Studies.

(2) A candidate proceeding under section (1) above will qualify for the award of the degree of Bachelor of Arts on completion of qualifying courses for that degree chosen as prescribed in Resolution 6A(2) of the Resolutions of the Senate relating to the degree of Bachelor of Social Studies.

MASTER OF ARTS (PASS)

In accordance with Chapter X Section 9 of the By-laws, the following Resolutions governing candidature for the degree of Master of Arts (Pass) have been prescribed by the Senate—

1. (1) A candidate for the degree of Master of Arts (Pass) shall proceed—

(a) primarily by research and thesis; or

(b) primarily by coursework.

(2) A candidate shall proceed either as a full-time candidate or as a part-time candidate and shall so advise the Faculty.

(3) A candidate who, before admission to candidature, has spent time in advanced study in the University of Sydney, or in another University, or in another institution whose courses may be deemed by the Faculty to be equivalent, may be deemed by the Faculty to have spent such time after admission to candidature.

(4) A candidate may be accepted by the Faculty on a probationary basis for a period not exceeding twelve months and upon completion of this probationary period the Faculty shall review the candidate's work and shall either confirm the candidate's status or terminate the candidature.

(5) In the case of a candidate accepted on a probationary basis under subsection (4), the candidature shall be deemed to have commenced from the date of such acceptance.

2. The degree may be taken in the following subject areas:—

(i) Anthropology
(ii) Applied Linguistics (Language in Education)
(iii) Applied Mathematics
(iv) Archaeology
(v) Classics
(vi) Computer Science
(vii) Economic History
(viii) Economics
(ix) Education
(x) English
(xi) Fine Arts
(xii) French Studies
(xiii) Geography
(xiv) Geomorphology
(xv) German
(xvi) Government
(xvii) Greek
(xviii) Historical Archaeology
(xix) History

(xx) Indonesian and Malayan Studies
(xxi) Italian
(xxii) Latin
(xxiii) Linguistics
(xxiv) Mathematical Statistics
(xxv) Medieval Studies
(xxvi) Modern Greek
(xxvii) Music
(xxviii) Oriental Studies
(xxix) Philosophy
(xxx) Psychology
(xxxi) Pure Mathematics
(xxxii) Religious Studies
(xxxiii) Semitic Studies
(xxxiv) Social Studies

3. A candidate who has completed the requirements but has not qualified for the award of the degree of Master of Arts (Honours) may be awarded the degree of Master of Arts (Pass).

4. A person who has been awarded the degree of Master of Education (Pass) shall not be awarded the degree of Master of Arts (Pass) in the subject area Education.

Candidature primarily by research and thesis

5. The Faculty shall appoint, on the recommendation of the Head of the Department[1] concerned, a full-time member of the academic staff of the University to act as supervisor of each candidate.

6. (1) A candidate proceeding primarily by research and thesis shall —
(a) complete such courses, if any, as may be prescribed by the Head of the Department concerned;
(b) carry out supervised research on a topic approved by the Faculty on the recommendation of the Head of Department concerned;
(c) write a thesis embodying the results of this research; and
(d) lodge with the Registrar three copies of this thesis, typewritten and bound.

(2) The candidate shall state in the thesis the sources from which the information was derived, the extent to which the work of others has been used and the portion of the work claimed as original.

(3) The thesis shall be accompanied by a statement from the supervisor stating whether, in the supervisor's opinion, the form of presentation of the thesis is satisfactory.

(4) A candidate may not present as the thesis a work which has been presented for a degree in this or another university, but will not be precluded from incorporating such in the thesis provided that in presenting the thesis the candidate indicates the part of the work which has been so incorporated.

7. (1) A full-time candidate shall complete the requirements for the degree not earlier than the end of the third term of candidature and, except with the permission of the Faculty on the recommendation of the Head of Department concerned, not later than the end of the ninth term of candidature.

(2) A part-time candidate shall complete the requirements for the degree not earlier than the end of the sixth term of candidature and, except with the permission of the Faculty on the recommendation of the Head of Department concerned, not later than the end of the 18th term of candidature.

8. (1) After the thesis has been lodged with the Registrar, the Faculty, on the recommendation of the Head of the Department concerned, shall appoint at least two examiners of the thesis.

(2) The reports of the examiners shall be transmitted to the Head of Department who shall make them available to the Professor most concerned and the supervisor.

(3) The Head of Department shall transmit these reports to the Faculty together with a recommendation concerning the award of the degree and the Faculty shall determine the result of the candidature.

(4) In special cases the Faculty, on the recommendation of the Head of Department concerned, may require the candidate to take a further examination in the area of the thesis.

(5) The Faculty may permit an unsuccessful candidate to revise and resubmit the thesis if, in the opinion of the Head of Department concerned, the candidate's work is of sufficient merit to warrant this concession, and may prescribe special conditions to be fulfilled by the candidate.

Candidature primarily by coursework

9. (1) A candidate proceeding primarily by coursework shall over a period of not less than one year of full-time study or two years of part-time study —
(a) complete such courses as may be prescribed by the Faculty, on the recommendation of the Head of Department concerned; and
(b) complete such essay or other written work as may be prescribed by the Faculty on the recommendation of the Head of Department concerned.

(2) The Head of Department concerned shall report the result of the examination of the coursework and other work, if any, to the Faculty which shall determine the result of the candidature.

10. A candidate shall, except with the permission of the Faculty on the recommendation of the Head of Department concerned, complete the requirements for the degree —
(a) if a full-time candidate by no later than the end of the ninth term of candidature; or
(b) if a part-time candidate by no later than the end of the 18th term of candidature.

Satisfactory progress

11. The Faculty may —
(a) on the recommendation of the Head of the Department concerned, call upon any candidate to show cause why that candidature should not be terminated by reason of unsatisfactory progress towards completion of the degree; and
(b) where, in the opinion of the Faculty, the candidate does not show good cause, terminate the candidature.

MASTER OF ARTS (HONOURS)

In accordance with Section 13 of Chapter X of the By-laws, the following Resolutions governing candidature for the degree of Master of Arts (Honours) have been prescribed by the Senate —

1. (1) A candidate for the degree of Master of Arts (Honours) shall proceed —

[1] For the purpose of these Resolutions, the Chairman of any interdepartmental or interschool committee concerned shall be deemed to be the Head of Department concerned.

(a) primarily by research and thesis; or
(b) primarily by coursework.

(2) A candidate shall proceed either as a full-time candidate or as a part-time candidate and shall so advise the Faculty.

(3) A candidate who, before admission to candidature, has spent time in advanced study in the University of Sydney, or in another University, or in another institution whose courses may be deemed by the Faculty to be equivalent, may be deemed by the Faculty to have spent such time after admission to candidature.

(4) A candidate may be accepted by the Faculty on a probationary basis for a period not exceeding twelve months and upon completion of this probationary period the Faculty shall review the candidate's work and shall either confirm the candidate's status or terminate the candidature.

(5) In the case of a candidate accepted on a probationary basis under subsection (4), the candidature shall be deemed to have commenced from the date of such acceptance.

2. The degree may be taken in the following subject areas:—

(i) Anthropology
(ii) Applied Linguistics (Language in Education)
(iii) Applied Mathematics
(iv) Archaeology
(v) Classics
(vi) Computer Science
(vii) Economic History
(viii) Economics
(ix) Education
(x) English
(xi) Fine Arts
(xii) French Studies
(xiii) Geography
(xiv) Geomorphology
(xv) German
(xvi) Government
(xvii) Greek
(xviii) Historical Archaeology
(xix) History
(xx) Indonesian and Malayan Studies
(xxi) Italian
(xxii) Latin
(xxiii) Linguistics
(xxiv) Mathematical Statistics
(xxv) Medieval Studies
(xxvi) Modern Greek
(xxvii) Music
(xxviii) Oriental Studies
(xxix) Philosophy
(xxx) Psychology
(xxxi) Pure Mathematics
(xxxii) Religious Studies
(xxxiii) Semitic Studies
(xxxiv) Social Studies

3. A candidate who has completed the requirements but has not qualified for the award of the degree of Master of Arts (Honours) may be awarded the degree of Master of Arts (Pass).

4. A person who has been awarded the degree of Master of Education (Honours) shall not be awarded the degree of Master of Arts (Honours) in the subject area Education.

Candidature primarily by research and thesis

5. The Faculty shall appoint, on the recommendation of the Head of the Department[1] concerned, a full-time member of the academic staff of the University to act as supervisor of each candidate.

6. (1) A candidate proceeding primarily by research and thesis shall —

(a) complete such courses, if any, as prescribed by the Head of the Department concerned;
(b) carry out supervised research on a topic approved by the Faculty on the recommendation of the Head of Department concerned;
(c) write a thesis embodying the results of this research; and
(d) lodge with the Registrar three copies of this thesis, typewritten and bound.

(2) The candidate shall state in the thesis the sources from which the information was derived, the extent to which the work of others has been used and the portion of the work claimed as original.

(3) The thesis shall be accompanied by a statement from the supervisor stating whether, in the supervisor's opinion, the form of presentation of the thesis is satisfactory.

(4) A candidate may not present as the thesis a work which has been presented for a degree in this or another university, but will not be precluded from incorporating such in the thesis provided that in presenting the thesis the candidate indicates the part of the work which has been so incorporated.

(5) A candidate may include in a thesis published papers of which the candidate is the sole author, provided that —

(i) the papers are based on work undertaken during the candidature for the degree;
(ii) the papers are identified as published work; and
(iii) the papers are compatible with the overall coherence and organisation of text of the thesis.

Any other papers of which the candidate is sole or joint author may be lodged in support of the thesis.

7. (1) A full-time candidate shall complete the requirements for the degree not earlier than the end of the third term of candidature and, except with the permission of the Faculty on the recommendation of the Head of Department concerned, not later than the end of the ninth term of candidature.

(2) A part-time candidate shall complete the requirements for the degree not earlier than the end of the sixth term of candidature and, except with the permission of the Faculty on the recommendation of the Head of Department concerned, not later than the end of the 18th term of candidature.

8. (1) After the thesis has been lodged with the Registrar, the Faculty, on the recommendation of the Head of the Department concerned, shall appoint at least two examiners of the thesis of whom one shall normally be external.

(2) The reports of the examiners shall be transmitted to the Head of Department who shall make them available to the Professor most concerned and the supervisor.

(3) The Head of Department shall transmit these reports to the Faculty together with a recommen-

[1] For the purpose of these Resolutions, the Chairman of any interdepartmental or interschool committee concerned shall be deemed to be the Head of Department concerned.

dation concerning the award of the degree and the Faculty shall determine the result of the candidature.

(4) In special cases the Faculty, on the recommendation of the Head of Department concerned, may require the candidate to take a further examination in the area of the thesis.

(5) The Faculty may permit an unsuccessful candidate to revise and resubmit the thesis if, in the opinion of the Head of Department concerned, the candidate's work is of sufficient merit to warrant this concession, and may prescribe special conditions to be fulfilled by the candidate, but such a candidate shall not be awarded the degree with first class honours.

Candidature primarily by coursework

9. (1) A candidate proceeding primarily by coursework shall over a period of not less than one year of full-time study or two years of part-time study —

(a) complete such courses as may be prescribed by the Faculty, on the recommendation of the Head of Department concerned; and

(b) complete such essay or other written work as may be prescribed by the Faculty on the recommendation of the Head of the Department concerned.

(2) The Head of the Department concerned shall report the result of the examination of the coursework and other work, if any, to the Faculty which shall determine the result of the candidature.

10. A candidate shall, except with the permission of the Faculty on the recommendation of the Head of Department concerned, complete all the requirements of the degree —

(a) if a full-time candidate by no later than the end of the ninth term of candidature; or

(b) if a part-time candidate by no later than the end of the 18th term of candidature.

Satisfactory progress

11. The Faculty may —

(a) on the recommendation of the Head of the Department concerned, call upon any candidate to show cause why that candidature should not be terminated by reason of unsatisfactory progress towards completion of the degree; and

(b) where, in the opinion of the Faculty, the candidate does not show good cause, terminate the candidature.

MASTER OF PSYCHOLOGY

In accordance with Chapter X, section 19 of the By-laws, the following Resolutions governing candidature for the degree of Master of Psychology have been prescribed by the Senate:

A candidate for the degree of Master of Psychology shall—

(a) complete such courses of study and pass such examinations in each course as the Faculty, on the recommendation of the Head of the Department of Psychology with the approval of the Board of Studies for the degree of Master of Psychology, shall prescribe; and

(b) complete such practical and written work as the Faculty, on the recommendation of the Head of the Department of Psychology with the approval of the Board of Studies for the degree of Master of Psychology, shall prescribe.

BOARD OF STUDIES FOR THE DEGREE OF MASTER OF PSYCHOLOGY

In accordance with section 15(3)(e) of Chapter X of the By-laws the following resolutions governing student membership of the Board of Studies for the degree of Master of Psychology have been prescribed by the Senate:

1. There shall be two student members of the Board of Studies for the degree of Master of Psychology, namely —
   (a) one candidate for the degree of Master of Psychology enrolled in Part I of the course, and
   (b) one candidate for the degree of Master of Psychology enrolled in Part II of the course.
2. The Head of the Department of Psychology shall, before the end of March in each year, convene separate meetings of the candidates for the degree who are enrolled in Parts I and II of the course and the candidates present at each such meeting shall elect from amongst themselves a member of the Board of Studies to hold office, provided that they are still enrolled as candidates for the degree, until the next such meeting is convened.

DIPLOMA IN THE TEACHING OF ENGLISH AS A FOREIGN LANGUAGE

In accordance with Chapter X, section 33 of the By-laws the following Resolution governing candidature for the Diploma in the Teaching of English as a Foreign Language has been prescribed by the Senate—

Candidates for the Diploma in the Teaching of English as a Foreign Language are required to complete the following courses:

(a) Linguistic theory: grammar, phonology and semantics, with particular reference to the learning of a foreign or second language;

(b) Principles and methods of teaching English as a foreign or second language; and

(c) English language and literature. Individual and social factors in language learning.

DIPLOMA IN MUSEUM STUDIES

In accordance with Chapter X, section 38, of the By-laws the following Resolutions governing candidature for the Diploma in Museum Studies have been prescribed by the Senate:

1. A candidate for the Diploma in Museum Studies shall enrol in accordance with the procedures prescribed by the Board of Studies.

2. Candidates shall complete courses in: history of museums, administration and organisation of museums, collections and exhibitions, buildings and equipment, museum activities, the museum application of a special subject (anthropology, archaeology, earth sciences, education, local history, natural sciences and visual arts).

3. Except with the permission of the Faculty of Arts on the recommendation of the Board of Studies, the requirements for the diploma shall be completed in one year of full-time study.

RESOLUTIONS OF THE FACULTY

BACHELOR OF ARTS

ADDITIONAL SECOND YEAR AND THIRD YEAR COURSES

Pursuant to section 21 of the Resolutions of the Senate relating to the degree of Bachelor of Arts the Faculty

has approved the following additional second and third year courses:

Additional second year courses

Anthropology
English
French
History
Indonesian and Malayan Studies
Italian IIB
Music
Philosophy

Additional third year courses

Anthropology
Economics
Economic History
English
Fine Arts
French
Geography
German
Government
Hebrew
History
Indonesian and Malayan Studies
Music
Philosophy
Religious Studies

COURSES IN INDONESIAN AND MALAYAN STUDIES

The Faculty has made the following Resolutions with respect to courses in Indonesian and Malayan Studies:

(1) For the purpose of these Resolutions 'corequisite course' means a course which unless previously completed shall, except with the permission of the Head of the Department, be taken concurrently with the course for which the Faculty has declared it to be a corequisite.

(2) Except with the permission of the Head of the Department of Indonesian and Malayan Studies a candidate enrolled in either Indonesian and Malayan Studies IA or Indonesian and Malayan Studies IB shall take as a corequisite course a first year course in a subject selected from the following:

Anthropology
Arabic
Archaeology
Chinese
Economics
Economic History
English
Fine Arts
French
Geography
German
Government
Greek
Hebrew
History
Italian
Japanese
Latin
Linguistics
Modern Greek
Philosophy

(3) Except with the permission of the Head of the Department of Indonesian and Malayan Studies, a candidate enrolled in either Indonesian and Malayan Studies IIA or Indonesian and Malayan Studies IIB shall take as a corequisite course a second year course in a subject selected from those in subsection (2).

Historical Archaeology II or Religious Studies II can be taken as the second corequisite course, subject to the conditions laid down for these courses.

MASTER OF ARTS

The By-laws covering the award of the degree of Master of Arts may be found in Chapter X, sections 6 to 14.

Candidates will be allowed considerable freedom of choice in regard to the details of their work, but in every case their proposed study programme including the subject of their thesis or essay if appropriate must be submitted for approval to the Head of the School concerned. Three copies of the thesis or essay are required generally but the Head of the Department may require additional copies to be presented.

The following are the requirements in respect of each of the particular schools in which the degree is available.

(i) Greek

Master of Arts (Honours)

Candidates for the MA(Hons) degree must have obtained the BA degree with Honours in Greek or have been admitted to candidature by the Faculty after gaining the MA(Pass) degree in Greek. (In the latter case candidates will normally be admitted only if the degree has been awarded with merit.) They are required (i) to present a thesis upon some subject connected with Greek studies and approved by the Head of the Department, and (ii) to take an examination in *one* of the following branches of Greek studies:

(a) Language
(b) Literature
(c) Philosophy
(d) History
(e) Art and Archaeology

The detailed work required of candidates in each of the above options will be arranged in consultation with the Department when application is made for admission to candidature.

Master of Arts (Pass)

Candidates for the MA(Pass) degree must have graduated with at least a pass in Greek III. They are required (i) to present a brief thesis on some subject connected with Greek studies and approved by the Head of the Department, and (ii) to offer themselves for further examination in at least *two* of the following branches of Greek studies:

(a) Language
(b) Literature
(c) Thought
(d) History

The detailed work required of candidates in each of the above options will be arranged in consultation with the Department when application is made for admission to candidature.

(ii) Latin

Master of Arts (Honours)

Candidates for the MA(Hons) degree must *either* have obtained Honours at graduation in Latin *or* have been admitted to candidature by the Faculty after gaining the MA (Pass) degree in Latin. (In such cases the Faculty will normally admit only candidates who have been awarded this degree with merit.) Candidates are required (i) to present a thesis upon some subject con-

nected with Latin studies, and (ii) to take an examination in one or more of the following subjects.

(a) Latin literature
(b) Roman history
(c) The Latin language

provided that a candidate who has taken a BA degree with First or Second Class Honours in Latin may, with the approval of the Head of the Department, be tested for the MA degree by thesis only.

The detailed work required of candidates in each of the above options will be prescribed by the Department when application is made for admission as a candidate for the MA degree.

Master of Arts (Pass)
Candidates for the MA(Pass) degree in Latin are required either—

(A) (1) to attend for at least two years seminar classes in which an intensive study of the works of the major Latin authors will be made;
(2) to submit such essays as may be requested;
(3) to present themselves for further examination in Roman history and Latin literature. Such examinations will normally consist of eight papers and will be taken in two annual parts; *or*
(B) (1) to present a brief thesis upon some subject connected with Latin studies, and—
(2) to offer themselves for further examination in Roman history, literature and thought.

Details of these courses should be arranged in consultation with the Professor of Latin when application is made to be admitted to candidature for the MA degree.

Details of MA Seminar courses for the current academic year may be obtained from the Department.

(iii) Classics
Master of Arts (Honours)
Candidates for the MA(Hons) degree must have *either* (i) graduated with Honours in Classics *or* (ii) graduated with Honours in Greek or Latin and completed the third year of the Honours course in the other subject *or* (iii) been admitted to candidature by the Faculty after gaining the MA(Pass) degree in Classics. (In such cases the Faculty will normally admit only candidates who have been awarded this degree with merit.) Candidates are required (i) to present a thesis on some aspect of classical scholarship, the subject to be approved by the Heads of the Departments of Greek and Latin and (ii) to take an examination in one of the following branches of Greek and Latin learning:

(a) Literature
(b) History
(c) Arts and Archaeology
(d) Language
(e) Thought

The detailed work required of candidates in each of the above options will be prescribed by the Departments when application is made for admission.

Master of Arts (Pass)
Candidates for the MA(Pass) degree in Classics must have graduated with at least a pass in both Greek III and Latin III. Such candidates will be required (i) to present a brief thesis on some subject connected with the study of both Greek and Latin and approved by the Heads of both Departments and (ii) to offer themselves for further examination in Greek and Latin history, literature and thought.

Details of these courses should be arranged in consultation with the Departments when application is made for admission to candidature for the MA degree.

(iv) English
Candidates for either the MA(Pass) degree or the MA(Hons) degree in English, may undertake courses in any of the following fields under the direction of the appropriate Professor: English Literature, Early English Literature and Language, Australian Literature.

Every candidate for an MA degree must consult the appropriate professor before enrolling in order to discuss his proposed study programme and to obtain approval of it.

Master of Arts (Honours)
Candidates for the MA(Hons) degree must have been awarded Honours in English for the BA degree, or have equivalent qualifications, or make up their deficiency in such a manner and to such an extent as the appropriate professor may prescribe.

Candidates who have already been awarded the MA(Pass) degree with Merit may apply for admission to candidature for the MA(Hons) degree. Such candidates may be required to take further courses, including IV Honours BA courses, as prescribed by the appropriate professor, either before admission or during their first year of MA(Hons) candidature.

Candidates may proceed to the degree in either of two ways: principally by coursework, or principally by thesis.

(a) *MA(Hons) by coursework*
Candidates for the MA(Hons) degree by coursework will be required over a period of at least two years of full-time or three years of part-time study to attend courses in four approved areas of study and to pass an examination in each of these areas. The examination in the fourth area will be in the form of a long essay.
(b) *MA(Hons) by thesis*
Candidates for the MA(Hons) degree by thesis will be required to present a thesis on a subject approved by the appropriate professor and prepared under such supervision as he shall prescribe. Candidates may also be required to take some preliminary coursework.

Master of Arts (Pass)
Candidates for the MA(Pass) degree must, except in special cases, have passed in three courses in English (which includes for this purpose Australian Literature) for the BA degree, or have equivalent qualifications, or have given such other evidence of preliminary studies as the appropriate professor may require.

Candidates are required:

(a) to attend courses in two approved areas of study and pass an examination in these areas of study; and subsequently
(b) either, to submit a thesis on a subject approved by the appropriate professor and prepared under such supervision as he shall prescribe, or, with the special approval of the appropriate professor, to attend further courses upon and pass an examination in such further areas of study, and present such essay work, as the appropriate professor shall prescribe.

Except with the permission of the appropriate professor the work under (b) above must be completed within three years from the time of passing the examination under (a).

(v) French

An information booklet on postgraduate studies in French is available from the secretary of the department (Brennan Building, room 687; phone 692 2381). Prospective candidates should discuss their plans with the Postgraduate Co-ordinator, Dr Gay McAuley (692 3378), before beginning the formal enrolment procedures.

The department offers annually at least four seminars[1] chosen from the following fields:

Literary theory and bibliography
Medieval French language and literature
Modern French literature, theatre and film
Linguistics and applied linguistics in relation to French
The teaching of French at secondary school.

Master of Arts (Pass)

Candidates for the MA(Pass) degree must, in addition to completing such preliminary coursework (including examinations) as may be prescribed by the head of department and a practical language course—

(a) participate in two seminars selected with the approval of the head of department and submit a dissertation, normally to be written in French, on an approved topic.
OR
(b) participate in four seminars selected with the approval of the head of department.

Note: With the permission of the Head of the Department candidates taking either of the above course patterns may replace *one* seminar by a critical translation. (For details concerning requirements for the critical translation, consult the departmental *Graduate Studies* booklet.)

Except with the permission of the Head of the Department, the requirements for the degree must be completed in 2 years by full-time students, and within 4 years from time of first enrolment by part-time students.

Master of Arts (Honours)

Honours by thesis. The Honours degree is awarded by thesis, or by coursework (with minor thesis). Candidates for the Honours degree by thesis must:

(a) submit a thesis in French on a subject approved by the Head of the Department; and
(b) attend such seminars as may be prescribed by the Head of the Department, or pass an examination on their subject matter.

In special circumstances, the thesis may be written in English, provided that the Head of the Department is satisfied that the candidate is otherwise competent in French.

Honours by coursework. Candidates for the Honours degree by coursework must:

(a) attend two *research seminars* chosen from those offered annually by the Department, and contribute an average of two papers per term to each seminar, these papers to be lodged for examination at the end of the year. The maximum mark allotted for this section of the course will be 60 per cent. Full-time students will be expected to attend these seminars concurrently;
(b) choose a suitable field of *reading* in either French language or French literature, and draw up a critical bibliography on it, under the guidance of a member of staff appointed to supervise them. The maximum mark allotted for this section of the course will be 20 per cent;
(c) submit a short thesis in French of 15 000 to 20 000 words on a topic related to the course of reading chosen in (b) above. The maximum mark allotted for the thesis will be 20 per cent.

In special circumstances, the thesis may be written in English, provided the Head of the Department is satisfied that the candidate is otherwise competent in French.

Except with the permission of the Head of the Department, the requirements for the Honours degree (whether by thesis or by coursework) must be completed within 3 years from time of first enrolment by full-time students, and within 6 years from time of first enrolment by part-time students.

Supervision. All dissertation, translation and bibliographical work (for the MA(Pass) degree) and the preparation of the thesis and bibliography (for the MA(Hons) degree) will be closely supervised. Topics of an interdisciplinary kind will be accepted if suitable joint supervision can be arranged.

Seminars for this year: Topics and reading lists will be available from the Department at the beginning of Lent Term.

(vi) German

The MA degree in German is available at both Honours and Pass levels. Full details may be obtained from the Head of Department.

Master of Arts (Honours)

A candidate for the MA(Hons) degree must have obtained Honours at the BA examinations or have equivalent qualifications.

Candidates for the Honours degree have their work prescribed for them on an individual basis, according to their interest and their class of Honours at the Bachelor's degree and according to whether they are part-time or full-time students. At present all candidates for the MA(Hons) degree are required to present a thesis on an approved topic and to undertake such coursework or supplementary reading as is prescribed in individual cases.

Master of Arts (Pass)

Candidates for the MA(Pass) degree must be graduates who have successfully completed three undergraduate courses in German, or must hold equivalent qualifications.

All candidates will follow a language course (written and oral) for the equivalent of one hour per week for one year. In addition, they will choose one of the following alternatives:

(a) three options, each being equivalent to one hour per week for one year; or
(b) two such options, and a long essay of circa 15 000 words; this essay must be submitted within two years of the commencement of the course, otherwise the candidate may be required to revert to alternative (a).

[1] In certain circumstances, seminars may be offered in co-operation with the School of French of the University of New South Wales and the School of Modern Languages of Macquarie University. With the approval of the Head of the Department of French, a suitable seminar offered by another Department in the Faculty may be substituted, by arrangement with that Department, for one of those offered by the Department of French Studies.

Each option will normally be assessed by two essays of circa 4 500 words each, and by a formal end-of-year examination.

The programme of special MA(Pass) options may in some circumstances be complemented or replaced by options from the undergraduate programme.

(vii) Italian

Master of Arts (Pass)
Special programme for teachers

This is a coursework degree, available to graduate teachers in Italian, extending over a period of two years and consisting of two two-hour evening sessions per week on both language and literature.

Course structure — Year 1

(i) *Language:* One weekly two-hour language period, involving:

grammar
textual analysis
translation
discussion groups
study of language of the media
teaching aids
history of language
Assessment: Language assignments in each term.

(ii) *Literature:* One weekly two-hour period. There will be two strands, alternating on a fortnightly basis:

Strand 1 — Term 1 — Theatre
Term 2 — Poetry
Term 3 — Narratology
The aim of the courses in this strand is to present and discuss methods of criticism.

Strand 2 — Terms 1, 2 and 3—
Cultural history and Civilisation of the 19th and 20th centuries including special one-hour sessions on art/music/film/television/regional dialects/popular songs, etc.

Assessment: Seminar papers and seminar participation.

(viii) History

The MA degree in History is available at both Pass and Honours levels. Candidates for the MA(Pass) degree must have completed three undergraduate courses in History or have equivalent qualifications. Candidates for the MA(Hons) degree must have been awarded Honours in History for the BA degree, or have qualified for the MA(Pass) degree with Merit, or have equivalent qualifications. In special cases candidates who hold the BAPass degree may be permitted to undertake qualifying work for admission to Honours candidature.

Master of Arts (Honours)

Candidates for the Honours degree have their work prescribed for them on an individual basis, according to their interest and their class of Honours at the Bachelor's degree and according to whether they are part-time or full-time students. At present all candidates for the MA(Hons) degree are required to present a thesis on an approved topic and to undertake such coursework or supplementary reading as is prescribed in individual cases.

Master of Arts (Pass)

Candidates for the Pass degree normally proceed by coursework only, or in cases approved by the Professors of History, by coursework and thesis or by thesis and other prescribed study.

The requirements for the degree may be ascertained from the Department, which has available an announcement on *Postgraduate Studies in History.*

(ix) Philosophy

The MA degrees may be taken in Philosophy in either the Department of General Philosophy or the Department of Traditional and Modern Philosophy. Applicants for admission to candidature should indicate on their application forms the Department in which they wish to proceed. The Resolutions of the Faculty providing for candidature for the MA degrees in Philosophy are as follows:

Master of Arts (Pass)

Candidates must hold a BA degree with a major in Philosophy, or equivalent.

Candidates may proceed mainly by coursework or mainly by thesis.

By thesis: Candidates in the Department of General Philosophy may be requested to undertake preliminary work before they undertake their thesis. Candidates in the Department of Traditional and Modern Philosophy take two courses from among those available in Philosophy IV.

A member of staff will act as supervisor for their thesis.

By coursework: Candidates are required to complete six half-year courses or their equivalent. In the Department of Traditional and Modern Philosophy these courses are to be chosen from those available in Philosophy IV and must be completed within 4 years. In addition, candidates are required to submit a dissertation of approximately 10 000 words. A member of staff will act as supervisor for the dissertation.

The selection of courses and topics for thesis or dissertation must be approved by the Head of the Department.

Master of Arts (Honours)

Candidates must hold a BA Honours degree in Philosophy, or equivalent. They may proceed to the degree either mainly by thesis or mainly by coursework.

By thesis: Candidates are required to complete, (normally in the first half-year of their candidature), the equivalent of three half-year postgraduate courses before they commence work on their thesis.

By coursework: Candidates are required to complete (normally in the first one and a half years of their candidature) the equivalent of nine half-year postgraduate courses, and then to submit a short dissertation.

Satisfactory completion of a half-year postgraduate course involves attendance at seminars and the writing of an essay on a topic related to the course. A full-time member of staff will act as supervisor for theses and dissertations.

The selection of courses and choice of topic for thesis or dissertation must be approved by the Head of the Department.

Suitable courses in the following fields will usually (though not always) be available:

Metaphysics
Logic
Philosophical Logic
Philosophy of Mathematics
Epistemology
Ethics
Political Philosophy
Social Philosophy

Philosophy of Language
Philosophy of Science
Philosophical Linguistics
History of Philosophy

(x) Government

Candidates for the MA(Pass) degree shall have completed three undergraduate pass courses in Government, or produce evidence of having done equivalent work. Applicants not so qualified may in some cases be permitted to qualify for admission by completing further undergraduate courses in the Department. Candidates for the MA(Hons) degree will be expected to have graduated in Government with First or Upper Second Class Honours, or their equivalent. Occasionally students with Honours in other subjects or with Pass degrees in Government may be permitted to qualify for admission by completing appropriate undergraduate Honours courses.

Full-time students for either degree may be permitted to complete within one year but are normally advised to take two years. Except with the permission of the Head of the Department, requirements for the degree must be completed in not more than four years from the date of first enrolment.

Candidates for either degree will normally be required to complete at least two courses, taken in the first year. Candidates for an Honours degree will also write a thesis of about 45 000 words based on independent research carried out under the supervision of a member of staff. In the later stages of their course, they will also be expected to attend and contribute papers to a Work in Progress colloquium. In consultation with their supervisors, candidates for the Pass degree will complete their requirements in one of the following ways:

(i) they may write a thesis of about 45 000 words, or
(ii) they may complete one further course and write a thesis of about 30 000 words, or
(iii) they may complete two further courses and write a research essay of about 15 000 words.

Before making formal application, candidates should, if possible, discuss their plans with the Director of Postgraduate Studies or Head of Department.

(xi) Psychology

Candidates for the MA(Hons) degree will be required to write a thesis incorporating the results of independent research carried out under the supervision of a designated member of staff, and to sit for written examinations in three approved fields of psychology.

Candidates for the MA(Pass) degree may proceed in one of two ways: Plan A—write a thesis incorporating the results of an independent research and sit for written examinations in two approved fields of psychology; Plan B—attend courses of instruction, carry out designated study, write an essay and sit for a written examination in each of four fields of psychology.

Candidates are required to take courses in psychological theory and psychological research in their first year. Other courses available cover such topics as abnormal psychology, theoretical foundations of clinical psychology, social psychology, rehabilitation counselling, vocational guidance, educational counselling.

All candidates for an MA degree, whether Honours or Pass, will sit for their written examinations in November.

Candidates for the Honours degree, and for the Pass degree under Plan A, shall sit for written examinations in a single session following submission of the thesis. With Departmental permission a candidate may submit his thesis after sitting for the written examinations provided that a period of not more than six months has elapsed.

A candidate for the Pass degree under Plan B may, if he is full-time, sit for four written examinations at the end of one year; but, if he is part-time, he will normally sit for two written examinations in two successive years.

(xii) Education

Candidates for the MA(Pass) degree in Education must have completed a sequence of undergraduate courses culminating in Education III. Candidates for the MA(Hons) degree must have obtained Honours in Education at the BA examinations or must produce evidence of having done equivalent work.

Master of Arts (Honours)

Candidates for the MA(Hons) degree will be required—

(i) to submit a thesis embodying the results of original investigation in a subject approved by the Head of the Department of Education

and normally

(ii) to complete two full year courses or their equivalent by attendance at seminars in the Department.

Candidates may in appropriate circumstances be exempted from all or part of (ii) by the Head of the Department of Education or may be permitted without attendance at seminars to complete an approved programme of reading and examinations on this reading for not more than half the coursework requirements.

Master of Arts (Pass)

Candidates for the MA(Pass) degree proceeding primarily by research and thesis will be required—

(i) to submit a thesis embodying the results of original investigation in a subject approved by the Head of the Department of Education

and

(ii) to complete two full year courses or their equivalent by attendance at seminars in the Department of Education.

Candidates for the MA(Pass) degree proceeding primarily by coursework will be required—

(i) to complete three full year courses or their equivalent by attendance at seminars in the Department of Education and to submit a substantial essay on a topic approved by the Head of the Department of Education

or

(ii) to complete four full year courses or their equivalent by attendance at seminars in the Department of Education.

Candidates may in appropriate circumstances be permitted by the Head of the Department of Education without attendance at seminars to complete an approved programme of reading and examinations on this reading for not more than half the coursework requirements.

Except with the permission of the Head of the Department of Education a part-time candidate shall

complete the requirements for the degree not later than the end of the twelfth term of candidature.

(xiii) Economics

All candidates will attend lectures and seminars as prescribed by the Head of the Department, and will be required to present themselves for associated examinations unless permitted to proceed by thesis only.

Candidates who have graduated in this University with first or second class Honours in Economics may, with the approval of the Head of the Department, proceed by thesis only, but may nevertheless be required to attend lectures and seminars.

Candidates who have graduated with first or second class Honours, or who satisfy the Head of the Department that they have done equivalent work, may elect to proceed as candidates for the MA(Hons) degree.

Candidates for the MA(Pass) degree must have completed Economics I, II and III or have done equivalent work and may proceed to the degree by coursework and thesis.

Before making any formal application, candidates should discuss their plans with the Professor of Economics.

(xiv) Economic History

Unless permitted to proceed by thesis only, all students whether candidates for an MA(Pass) or an MA(Hons) degree will be required, in addition to writing a thesis, to attend lectures and participate in seminars, including the preparation of seminar papers. The candidate's results will depend partly on his performance in examinations associated with this coursework, partly on the quality of his thesis.

Proposals for a thesis may be discussed with any member of the department but when the candidate is ready to seek formal approval, which should be in the first term of his candidature, an application must be submitted to the head of the department.

(xv) Anthropology

Candidates may elect to do research, or may offer themselves for examination, in one or more of the following subjects:

(i) Social anthropology and sociology
(ii) Linguistics
(iii) Prehistory and material culture

Candidates for the MA(Pass) degree must have completed Anthropology I, II and III[1] as qualifying courses in their BA degree, or produce evidence of having done equivalent work. They are required to present a thesis on a subject approved by the Professor of Anthropology. They also take an examination of two papers. Candidates who obtained Honours in their BA degree course may be exempted from this examination.

Candidates for the MA(Hons) degree must have obtained Honours in Anthropology in their BA degree course, or produce evidence of having done equivalent work. They are normally required to attend postgraduate seminars and present a thesis on a subject approved by the Professor of Anthropology embodying the results of their own researches.

(xvi) Geography

The MA degree in Geography may be taken at either the Pass or the Honours standard. Candidates for the Honours degree must have obtained Honours in Geography at the BA degree examination, or must produce evidence of having done work equivalent to that required for the BA degree with Honours in Geography.

Thesis or coursework

All candidates must propose a thesis topic or plan of coursework to the Head of the Department, who will consider it in relation to other research. Candidates may discuss choice of topic or plan with any member of the Department of Geography.

Theses must embody original research. Wherever possible, arrangements will be made for each candidate to receive assistance in preparing his thesis from some member of the Department of Geography. Coursework will be arranged to meet individual needs and will include the writing of an extended essay.

Examination

(i) *Honours*

Candidates who graduated in this University with honours at the end of a four-year course are required to submit a thesis and to undertake coursework as required, and to present themselves for such examination as may be prescribed. Normally this examination will consist of one paper, set on topics cognate to a candidate's thesis, and taken at the time the thesis is presented, or of a considerably fuller examination upon coursework.

Candidates who have not graduated with Honours, or who are not graduates of this University, should consult the Head of the Department.

(ii) *Pass*

Candidates for the MA(Pass) degree are required:

(a) to submit a thesis or to undertake coursework;
(b) to present themselves for a prescribed examination at the time that the thesis is presented or the coursework is completed;
(c) either to complete one or more qualifying courses, or to prepare for a special examination.

Qualifying courses consist in undergraduate courses, which must be completed *in one year* in respect of attendance at lectures, execution of class assignments, and pass at the ordinary annual examination. Such courses will be prescribed for particular candidates by the Department. Special examinations on approved topics provide for (1) candidates unable to attend lectures, (2) candidates who do not pass qualifying courses at the first attempt.

Candidates for the Pass degree who are not graduates of this University should consult the Head of the Department.

(xvii) Geomorphology

Candidates for the MA degree may elect, subject to the direction of the Department of Geography and the permission of the Faculty, to proceed either to the Honours or to the Pass degree.

Thesis or coursework

All candidates must propose a thesis topic or plan of coursework to the Head of the Department of Geography, who will consider it in relation to other research. Candidates may discuss choice of topic or plan with any member of the Department of Geography.

Theses must embody original research. Wherever possible, arrangements will be made for each candidate to receive assistance in preparing his thesis from some member of the Department of Geography. Coursework will be arranged to meet individual

[1] Except for candidates who completed their BA degrees under the old regulations, for which only Anthropology I and II were required.

needs, and will include the writing of an extended essay.

Examination

(i) *Honours*

Candidates who graduated in this University with honours at the end of a four-year course are required to submit a thesis and to undertake coursework as required, and to present themselves for such examination as may be prescribed. Normally this examination will consist of one paper, set on topics cognate to a candidate's thesis, and taken at the time that the thesis is presented, or of a considerably fuller examination upon coursework.

Candidates who have not graduated with Honours, or who are not graduates of this University, should consult the Head of the Department of Geography.

(ii) *Pass*

Candidates for the MA(Pass) degree are required:

(a) to submit a thesis or to undertake coursework;
(b) to present themselves for a prescribed examination at the time that the thesis is presented or the coursework is completed;
(c) either to complete one or more qualifying courses, or to prepare for a special examination.

Qualifying courses consist in undergraduate courses, which must be completed *in one year* in respect of attendance at lectures, execution of class assignments, and pass at the ordinary annual examination. Such courses will be prescribed for particular candidates by the Department. Special examinations on approved topics provide for (1) candidates unable to attend lectures, (2) candidates who do not pass qualifying courses at the first attempt.

Candidates for the Pass degree who are not graduates of this University should consult the Head of the Department of Geography.

(xviii) Indonesian and Malayan Studies

The MA degree in Indonesian and Malayan Studies is available at both Pass and Honours levels. Candidates for the MA(Pass) degree must have completed three undergraduate courses in Indonesian and Malayan Studies or have equivalent qualifications. Candidates for the MA(Hons) degree must have been awarded Honours in Indonesian and Malayan Studies for the BA degree, or have qualified for the MA(Pass) degree with Merit, or have equivalent qualifications. In special cases candidates who hold the BA Pass degree may be permitted to undertake qualifying work for admission to Honours candidature.

Master of Arts (Honours)

Candidates for the Honours degree have their work prescribed for them on an individual basis, according to their interest and their class of Honours at the Bachelor's degree and according to whether they are part-time or full-time students. At present all candidates for the MA(Hons) degree are required to present a thesis on an approved topic and to undertake such coursework or supplementary reading as is prescribed in individual cases.

Master of Arts (Pass)

Candidates for the Pass degree normally proceed by coursework only, or, in cases approved by the Head of Department of Indonesian and Malayan Studies by coursework and thesis or by thesis and other prescribed study.

(xix) Music

Candidates for an MA degree are required to present a thesis on some subject connected with Music approved by the Head of the Department. In addition, candidates are required to attend courses, to take examinations, and to undertake such other work as the Head of the Department may specify. Candidates for the MA(Hons) degree must have obtained Honours in Music at the final examination for the BA degree or must produce evidence of having done equivalent work. Candidates for the MA(Pass) degree must have passed in Music I, II and III, but will be required to undertake a considerable amount of coursework at the direction of the Head of the Department, in addition to writing a thesis.

(xx) Fine Arts

Candidates for an MA degree in the School of Fine Arts are required to be Bachelors of Arts of the University of Sydney or graduates of other faculties, or any other university provided that they shall have completed for the lower degree three courses in the School of Fine Arts, or can produce evidence, acceptable to the Faculty, of having done equivalent work.

A degree of Master of Arts may be taken at either the Pass or Honours level and, except for the preliminary courses referred to below, both will consist primarily in the preparation of a thesis. The Head of the Department may in consultation with the Supervisor require written work related to the thesis but separate from it.

Master of Arts (Pass)

For the Pass degree, except in such cases where candidates are already Bachelors of Arts with honours in Fine Arts or possess qualifications deemed equivalent by the Faculty, the Head of the Department may require the satisfactory completion of certain preliminary courses nominated by him/her after consultation with the student. These courses should take at least one year to complete.

Master of Arts (Honours)

For the Honours degree, the BA degree with Honours in Fine Arts is a prerequisite, or qualifications deemed equivalent by the Faculty. N.B.: Candidates are required to pass tests in reading one foreign language other than English (this will be, except in special cases, French, German or Italian) as part of the requirement of the BA degree with Honours in Fine Arts. Candidates who have not already fulfilled this requirement for the BA Honours degree will be required to pass similar tests to provide evidence of equivalent qualifications prior to proceeding to the MA(Hons) degree. Additional coursework in Fine Arts will be necessary in some cases.

Fortnightly seminars for MA students are held throughout the year. Students should ensure that they meet their advisers at least once a month.

(xxi) Pure Mathematics

Master of Arts (Pass)

A candidate for the MA(Pass) degree must hold the BA Pass degree and have completed Pure Mathematics III as a qualifying course for the BA degree, or else must produce evidence of having reached an equivalent standard in pure mathematics.

Depending on the topics studied in his undergraduate course a candidate may be required or advised to attend certain third year evening courses. An intending candidate should consult the Department of Pure Mathematics before enrolling.

The candidate will be required to attend seminar courses on topics in pure mathematics. Each seminar course occupies about nine weeks or one university term. The topics offered are drawn from the areas of algebra, analysis, geometry, number theory and set theory.

Satisfactory completion of six seminar courses together with such other requirements and tests as determined by the Department of Pure Mathematics will qualify the candidate for the award of the degree.

Master of Arts (Honours)
A candidate for the MA(Hons) degree either must have obtained first or second class honours in Pure Mathematics at the BA degree examination, or must pass such an examination at a standard equivalent to second class honours.

Candidates may proceed mainly by coursework or mainly by thesis.

(a) *Mainly by thesis.* The candidate will be required to submit a thesis, which provides an account of some branch of mathematical knowledge not included in the course for the BA degree with Honours. He will in general also be required to sit for a written examination.

(b) *By coursework and essay.* The candidate will be required to pass examinations on at least five lecture courses approved by the Head of the Department. In addition, each candidate will be required to write an essay, showing wide reading and understanding, on a topic approved by the Head of the Department.

The candidate is required to lodge with the Department two copies (printed or typewritten) of his essay not earlier than the third term after commencement of candidature. Except with the permission of the Head of the Department, a full-time candidate must complete these requirements within two years, and a part-time candidate within four years.

(xxii) Applied Mathematics
Master of Arts (Pass)
A candidate for the MA(Pass) degree should hold the BA Pass degree with Applied Mathematics III or a qualification accepted as equivalent at the discretion of the Head of the Department of Applied Mathematics, subject to the Faculty requirements.

An intending candidate should consult the Department of Applied Mathematics before enrolling.

The candidate will be required to attend six courses each occupying one university term and selected from three of the following major areas of Applied Mathematics:

Astrophysics; Continuum Mechanics; Geophysics;
Optimal Control and Operations Research;
Relativity and Quantum Mechanics;
Mathematical Modelling.

Reading courses may also be included.

To qualify for the award of the degree candidates will be required to pass a written examination at the completion of each course. They may also be required to submit essays and reports on set reading matter, and to participate in organised seminars. A long essay on some topic of Applied Mathematics, the writing of which will be supervised by an appointed member of the Department of Applied Mathematics, will form a necessary part of the course of study of every candidate.

Master of Arts (Honours)
A candidate for the MA(Hons) degree either must have obtained first or second class honours at the BA degree examination, or must pass such an examination at a standard equivalent to second class honours.

The candidate will be required to submit a thesis on some aspect of Applied Mathematics, and may also be required to submit himself for a written or oral examination, which may include branches of Applied Mathematics involved in the subject of the thesis, as well as other branches.

A candidate for the MA(Hons) degree may be awarded the degree with first or second class honours, or the MA(Pass) degree.

(xxiii) Mathematical Statistics
Master of Arts (Pass)
A candidate for the MA(Pass) degree will generally be expected to complete satisfactorily 5 modules from the 3rd and 4th year courses, or equivalent, as approved by the Head of the Department.

In addition the candidate will be required to submit a thesis on some aspects of mathematical statistics not covered by the written examination or embodying the results of a practical investigation in some field of applied statistics.

Master of Arts (Honours)
A candidate for the MA(Hons) degree either must have obtained Honours at the BA degree examination or must have passed an examination of an equivalent standard.

(a) *Mainly by thesis.* The candidate will be required to submit a thesis on some branch of mathematical statistics. He will in general also be required to sit for a written examination.

(b) *By coursework and essay.* The candidate will be required to participate in six seminar courses and to pass examinations in at least five of these. In addition each candidate will be required to write a substantial essay, showing wide reading and understanding, on a topic approved by the Head of the Department.

The candidate is required to lodge with the Department two copies (printed or typewritten) of his essay not earlier than the third term after commencement of candidature.

Seminar courses will be chosen from the following topics:

Advanced Probability Theory
Advanced Experimental Design
Advanced Statistical Inference
Applied Stochastic Processes
Convergence of Probability Measures (2 seminars)
Non-parametric Statistics and Rank Tests
Stochastic Dependence (2 seminars) Time Series

(xxiv) Oriental Studies
Master of Arts (Honours)
Candidates for the MA(Hons) degree must have obtained Honours at the BA degree examination in either Chinese or Japanese or must produce evidence of having done work equivalent to that required for the BA degree with Honours in Chinese or Japanese. They are required to present a thesis upon some subject connected with Oriental Studies and approved by the Professor of Oriental Studies.

Master of Arts (Pass)
Candidates for an MA(Pass) degree are required (i) to present a brief thesis upon some subject connected with Oriental Studies and approved by the Professor of Oriental Studies, and (ii) to offer themselves for further examination in either Chinese literature, history, and thought, or Japanese literature, history, and thought.

The detailed work required of candidates will be prescribed by the Professor of Oriental Studies when application is made for admission to candidature for the degree.

(xxv) Semitic Studies
Master of Arts (Pass)
Candidates for the MA(Pass) degree in the School of Semitic Studies may proceed in one of two ways: either

(a) Candidates shall write a thesis incorporating the results of independent research in an approved field of Semitic Studies. The Department may require candidates to attend lectures in the area of Semitic Languages and Literature; or
(b) Candidates shall attend seminars or classes and present themselves for examination in courses prescribed by the Department. These courses will be selected by consultation with the students in order to meet their special interests, and may consist of coursework already given in the Department if the Head of the Department shall so determine.

Master of Arts (Honours)
Candidates for the MA(Hons) degree must have obtained Honours in Semitic Studies in the BA degree or have an MA(Pass) degree with merit, or have completed equivalent work.

Candidates must fulfil the following requirements:

(i) they must present a thesis on some subject in the field of Semitic Studies approved by the Head of the Department.
(ii) they may be required to take an examination in the Cultural History or Language or Literature of a branch of Semitic Studies relevant to the subject of their thesis.

(xxvi) Archaeology
Master of Arts (Honours)
Primarily by research and thesis. Candidates for the Master of Arts (Honours) degree must hold a BA degree with Honours in Archaeology or equivalent qualifications. Candidates with a BA Pass degree must undertake qualifying work as may be required by the Department.

A candidate may not normally complete the course in less than two years. In certain exceptional cases, however, the Department may grant permission to a candidate to complete the degree in a shorter time.

Candidates with a BA degree from another university are expected to attend such courses, including undergraduate ones, as may be required by the Department. Graduates of the University of Sydney are required, in addition to their thesis, to take one course in the other section of the Department which is relevant to the subject of the thesis, in the form of seminars, classwork or tutorials, with a final examination at the end of the first year. The course will be decided by agreement between the two professors in the Department.

Each candidate is required to submit a *thesis* based on original research. The subject of the thesis will be chosen by the candidate in consultation with one of the two professors in the Department, according to the topic and must be approved by the Head of the Department at least twelve months before submission. Candidates may propose subjects that require work away from the University of Sydney.

Candidates for the degree will be assigned a *supervisor* for their thesis following consultation between the two professors at the same time as the subject is approved by the Head of the Department.

Candidates are required to pass before the end of their first year of candidature simple written tests in translation ability in German, French and an ancient language, or any other relevant requirement.

In addition to a number of courses at the postgraduate or undergraduate level which candidates may be required to complete and the thesis which they are expected to submit, they may be required to take a *viva voce* examination during which they will have to answer questions on their thesis and other related subjects.

Master of Arts (Pass)
Primarily by coursework. Candidates for the Master of Arts (Pass) degree must hold a BA degree with at least a pass in Archaeology III or must hold equivalent qualifications.

They are required:

(a) to present an essay of circa 15 000 words on an approved topic; and
(b) to attend seminars over two years and to offer themselves for further examination in at least one course in Classical and/or Near Eastern archaeology. Courses will be offered for two hours each fortnight on subjects determined each year by the department.

The details of work required of candidates will be arranged in consultation with the department when application is made for admission to candidature.

The requirements for the degree must be completed within two years of candidature by full-time students, and within four years of candidature by part-time students.

(xxvii) Computer Science

(xxviii) Modern Greek
Candidates for the degree of Master of Arts (Honours) must have obtained Honours at the BA degree examinations, or produce evidence of having done equivalent work. They are required (i) to present a thesis written either in Modern Greek or in English on a subject in the field of medieval or modern Greek studies and approved by the Department, and (ii) to present an extended essay or essays written in Modern Greek on another subject within this field. In addition, candidates may be required to attend lectures or seminars, to take examinations and to complete such other work as the Department may specify.

Candidates for the degree of Master of Arts (Pass) must have completed Modern Greek I, II and III or produce evidence of equivalent work. The requirements are the same as for the MA(Hons) degree except that both the thesis and the essays will be considerably less extensive.

Details of the course should be arranged in consultation with the Department when application is made for admission to candidature for the degree of Master of Arts.

(xxix) Historical Archaeology

Master of Arts (Pass)

Candidates for the MA(Pass) degree in Historical Archaeology must hold the BA Pass degree or its equivalent and must, except in special cases, have completed three courses, at least one of which shall be at the second year level, from the subjects of Archaeology, Architecture, Fine Arts, Geography, Historical Archaeology and History and approved by the Interdepartmental Committee for Historical Archaeology.

Candidates should note that completion of either Historical Archaeology II or III is the most desirable preparation. Equivalent work may be required from candidates without archaeological background.

The candidate is required:

(i) to attend one two-hour class a week each term for two years with additional excursions;
(ii) to present by 30 June of the first year a substantial folder of relevant material;
(iii) to present at the end of the second year a substantial research report on an approved topic.

If facilities permit, arrangements may sometimes be made for students who wish to attend full time to complete the requirements in one year.

Permission to proceed to the MA(Pass) degree by thesis only is granted only in exceptional cases, when candidates have demonstrated by the quality of relevant undergraduate work that they are capable of independent research and/or have a particular interest in a research topic for which adequate materials are available.

Master of Arts (Honours)

A candidate for the MA(Hons) degree in Historical Archaeology must hold an Honours degree in a discipline deemed to be appropriate by the Chairman of the Interdepartmental Committee for Historical Archaeology. Appropriate disciplines include Anthropology, Archaeology, Architecture, Economic History, Fine Arts, Geography, History and Town and Country Planning. The qualifications of each candidate must be approved by the Interdepartmental Committee for Historical Archaeology.

Candidates will have their work prescribed on an individual basis, according to their undergraduate background and their special interests. A thesis will be required on an approved topic and candidates may be required to undertake such coursework or fieldwork as may be prescribed in individual cases. Candidates must consult the Chairman of the Interdepartmental Committee for Historical Archaeology to discuss their thesis programme.

(xxx) Applied Linguistics (Language in Education)[1]

Candidates for the degree of Master of Arts (Pass) in Applied Linguistics (Language in Education) must either

(a) hold a BA degree including Linguistics II and III as qualifying courses, or produce evidence of equivalent work; or
(b) be qualified for admission to the Pass degree of Master of Education.

Candidates for the MA(Hons) degree must have obtained Honours in Linguistics for the BA degree, or produce evidence of equivalent work.

[1] The introduction of these courses is subject to the availability of staff and facilities.

Intending candidates who have not obtained these qualifications may under certain circumstances qualify themselves by undertaking additional work prescribed by the Department. Such work may involve an additional period of study.

The Departments of Education and Linguistics jointly offer the following courses for the degree:

Group I

(a) Human development and education (Education 21101)
(b) Sociology and education (Education 22101)
(c) Theory of language structure (Linguistics 502)
(d) Descriptive methods in linguistics (Linguistics 501).

Group II

(e) Theories of second language development (Linguistics 551)
(f) Sociocultural aspects of language (Linguistics 552)
(g) Functional varieties of language (Linguistics 553)*
(h) Language development in children (Linguistics 554)*
(j) Experimental psycholinguistics (Linguistics 555)*
(k) English for Special Purposes (Linguistics 556)
(l) Language and education: selected issues (Linguistics 557)
(m) The language of textbooks (1/2) (Linguistics 561)
(n) Contextualisation of language (1/2) (Linguistics 562)
(o) Language testing (1/2) (Linguistics 563)*
(p) Translation and language contact (1/2) (Linguistics 564)*

Those lettered (m)–(p) are half courses only. Those marked * are not available in 1984.

Candidates for the Pass degree take four full courses and write a long essay; in selecting a programme of study they should consult with, and obtain the approval of, both the departments concerned. Certain courses in the MEd programme may be substituted for those above; and a candidate may be permitted to substitute a course in a related field of study offered by another department. The degree may be awarded 'with special reference to the Teaching of English as a Foreign Language'. To obtain this qualification a candidate must take at least two full courses from (e), (g), (k) and (m)–(p), and select a long essay topic from within this field.

Candidates for the honours degree proceed *either* by thesis and coursework *or* by thesis only. If by thesis and coursework they take two courses from those in Group II above, or from the MEd programme; and write a thesis of length approximately 25 000 words. If by thesis only they write a thesis, based on original research, of approximately 50 000 words. The selection of courses and of thesis topic is subject to the approval of the departments concerned.

(xxxi) Linguistics

The degree of Master of Arts in Linguistics may be taken in one or more of the following fields of study:

(a) Theoretical Linguistics
(b) Phonetics
(c) Descriptive Linguistics
(d) Comparative and historical linguistics

(e) Applied linguistics
(f) Sociolinguistics
(g) Psycholinguistics
(h) Text linguistics
(i) Semiotics

Not all of these will be available at any one time.

In any of these fields (where applicable), the emphasis may be on semantics, lexico-grammar or phonology, or on any combination of these. For a candidate wishing to undertake postgraduate study in linguistics who has not had the requisite training in the subject at the undergraduate level, the Department will prescribe a programme of coursework taking account of the candidate's qualifications and intended field of study. Such coursework may involve the candidate in an additional year of study.

Master of Arts (Pass)

Candidates should possess a BA degree including Linguistics II and III as qualifying courses, or show that they have done equivalent work to this standard. They will be required to take courses selected from *three* of the fields listed above. With the approval of the Department, these may include courses in related subjects offered by other departments.

The examination will consist of written assignments and a dissertation (about 15 000 words) on a related topic approved by the Department. The dissertation will carry 25% of the total mark; the written papers will carry 25% each. The requirements shall be completed within a maximum of 4 years.

Master of Arts (Honours)

Candidates should possess a BA degree with Honours in Linguistics, or show that they have done equivalent work to this standard. They will be required to select an area of study covering *one or more* of the fields listed above, and to attend seminars as prescribed by the Department.

The examination will consist entirely of a thesis, based on original research, on a topic approved by the Department; the length is expected to be around 40–50 000 words. A member of staff will act as the candidate's supervisor in the preparation of the thesis.

(xxxii) Medieval Studies

Master of Arts (Honours)

Candidates for the MA(Hons) degree must have obtained the BA degree with Honours, or its equivalent, or have been admitted to candidature by the Faculty after gaining the MA(Pass) degree. (In the latter case, candidates will normally be admitted only if the degree has been awarded with merit.)

Persons who are considering applying for admission to candidature for the degree should consult the Chairman of the Committee appointed to supervise the course programme. The Committee will examine their qualifications in consultation with Heads of appropriate Departments.

Applications will be approved in each case by the Faculty on the recommendation of the appropriate Heads of Departments and the Committee appointed to supervise the course.

Course structure

Candidates are required:—

(i) to present a thesis of 20–25 000 words on a subject connected with Medieval Studies and approved by the Chairman of the Interdepartmental Committee for Medieval Studies;
(ii) to complete a General Seminar Course;
(iii) to complete a course in a special subject selected by the candidate being either an established departmental postgraduate course, a senior Honours course suitably enlarged by further work or a supervised course of reading and writing, approved by the Chairman of the Interdepartmental Committee for Medieval Studies on the recommendation of the Heads of relevant Departments;
(iv) Medieval Latin (Reading)

The full-time curriculum is as follows:

First year
Medieval Latin (Reading)
General Seminar A or B
Second Year
Special Subject
General Seminar A or B (2 terms only)
Thesis

Notes

(1) The course may be completed full time in a minimum of two years or part time in a minimum of three years.
(2) General Seminars A and B are offered in alternate years only.
(3) The qualification for entry to Medieval Latin (Reading) is the same as for entry to Latin IA or IA(ii). Students not so qualified should complete Latin IB prior to their enrolment. Latin IB is not offered at evening hours every year. Students requiring this facility should consult with the Department of Latin.

The detailed work required of candidates to meet the above requirements will be prescribed by the Interdepartmental Committee for Medieval Studies when application is made for admission as a candidate for a Master of Arts degree.

Master of Arts (Pass)

Candidates for the MA(Pass) degree must have graduated with at least a BA Pass degree or its equivalent. Persons who are considering applying for admission to candidature for the degree should consult the Chairman of the Committee appointed to supervise the course programme. The Committee will examine their qualifications in consultation with the Heads of appropriate Departments.

Applications will be approved in each case by the Faculty on the recommendation of the appropriate Heads of Departments and the Committee appointed to supervise the course.

Course structure

Candidates are required:—

(i) to present an essay of 12–15 000 words on a subject connected with Medieval Studies and approved by the Chairman of the Interdepartmental Committee for Medieval Studies;
(ii) to complete *two* of the following three elements:
General Seminar A
General Seminar B
Medieval Latin (Reading).

Notes

(1) The course may be completed full time in a minimum of one year or part time in a minimum of two years.
(2) General Seminars A and B are offered in alternate years only.

(3) The qualification for entry to Medieval Latin (Reading) is the same as for entry to Latin IA or IA(ii). Students not so qualified should complete Latin IB prior to their enrolment. Latin IB is not offered at evening hours every year. Students requiring this facility should consult with the Department of Latin.

The detailed work required of candidates to meet the above requirements will be prescribed by the Interdepartmental Committee for Medieval Studies when application is made for admission as a candidate for a degree of Master of Arts.

General Seminar Course (Pass and Honours)
This course will consist of eight two-hour sessions each term. Groups A and B in the following table alternate annually, occupying the first two terms of the year. The third term topic will be offered annually, but always taken in the student's first year.

Group A
Term 1 *The Germanic Tradition*
Term 2 *Fin Amor*
Group B
Term 1 *The Church and Its Institutions*
Term 2 *Religious Thought*
Term 3 *Research Methods:* Use of libraries, bibliographies, introduction to bibliography and palaeography.

(xxxiii) Religious Studies
Master of Arts (Pass)
Candidates for the MA(Pass) degree in Religious Studies must hold a Pass or Honours degree with at least three courses in Religious Studies or related subjects.

Candidates proceed by coursework and essay normally over two years of part-time attendance.
Candidates are required:

(a) to attend such classes as may be prescribed by the head of the department;
(b) to complete satisfactorily examinations in these subjects;
(c) to attend a graduate seminar, at which ongoing research work will be submitted for scrutiny by staff and graduate students of the department;
(d) to write a short dissertation on a subject approved by the head of the department.

Master of Arts (Honours)
Candidates for the MA(Hons) degree in Religious Studies must hold a first-class or second-class Honours degree in a subject or subjects relevant to the proposed field of research, either from the University of Sydney or from another University.

Candidates proceed by thesis over a minimum period of one year of full-time attendance, or a minimum period of two years of part-time attendance.
Candidates are required:

(a) to undertake such complementary coursework as may be prescribed by the head of the department;
(b) to attend a graduate seminar, at which ongoing research work will be submitted for scrutiny by staff and graduate students of the department;
(c) to submit a thesis of not less than 25 000 words embodying the results of original research and based on primary sources.

(xxxiv) Social Studies
The Master of Arts (Pass) and Master of Arts (Honours) degrees are available in the subject area of Social Studies.

Master of Arts (Pass)
Applicants for admission to the MA(Pass) degree in Social Studies must have —

(i) a Pass degree in a related discipline(s), that is, a degree which contains the subjects as specified for entry to Third Year in Social Work (i.e. drawn from Psychology, Anthropology, Economic History, Economics and Economics (P) or The Australian Economy, Government, Philosophy, an approved Arts course, an approved Modern Language, Education, Social Theory II);
(ii) working experience in the field of Social Welfare of at least one year since graduation;
(iii) and must satisfy a selection committee at interviews of their ability to complete the course.

Structure and patterns of Study. The degree may be pursued in one of the two following patterns:

(a) Coursework and research thesis
(b) Coursework and long essay

Those proceeding by (a) are required to complete a thesis of 14 000 words, an option essay of 7000 words and two core course essays of 3500 words each, or, if exempt from core courses, a thesis of 21 000 words and an option essay of 7000 words.

Those proceeding by (b) are required to complete a long essay of 7000 words, three option essays of 7000 words each, and two core course essays of 3500 words each, or, if exempt from core courses, a long essay of 14 000 words and three option essays of 7000 words each.

Master of Arts (Honours)
Applicants for admission to the MA(Hons) degree in Social Studies must have —

(i) an Honours degree in a related discipline(s), that is, a degree which contains the subjects as specified for entry to Third Year in Social Work (i.e. drawn from Psychology, Anthropology, Economic History, Economics and Economics (P) or The Australian Economy, Government, Philosophy, an approved Arts course, an approved Modern Language, Education, Social Theory II);
(ii) working experience in the field of Social Welfare of at least one year since graduation;
(iii) and must satisfy a selection committee at interviews of their ability to complete the course.

Structure and patterns of study. The degree may be pursued in one of the three following patterns:

(a) Research thesis
(b) Coursework and research thesis
(c) Coursework and long essay

All three patterns are based on examining the relationship of theory and practice and allow candidates to reflect and reformulate practice, to read about and evaluate alternative practices, to identify problems in areas of welfare policy administration and delivery with a view to providing change and improvement in services offered and outcomes effected.

Those proceeding by (a) are required to complete a thesis of 30 000 words and two core course essays of 5000 words each, or, if exempt from the core courses, a thesis of 40 000 words.

Those proceeding by (b) are required to complete a thesis of 20 000 words, an option long essay of 10 000 words, two core course essays of 5000 words each, or, if exempt from the core courses, a thesis of 30 000 words and a long option essay of 10 000 words.

Those proceeding by (c) are required to complete a long essay of 10 000 words, three option essays of 10 000 words each, and two core course essays of 5000 words each, or if exempt from the core courses, a long essay of 10 000 words, and three option essays of 10 000 words each.

Requirements for the degrees

The degrees are divided into two parts:

Part 1: Two 15-week core courses called *Ideologies of Social Work Welfare* and *Social Work Research*

Part 2: Options and/or thesis

Both core courses are to be assessed by the production of a substantial assignment on a general topic which will require independent search of relevant literature. Candidates will not be allowed to proceed in the course until these two courses have both been satisfactorily completed at an appropriate standard.

Candidates may gain exemption from these courses if they can satisfy the Faculty of Arts that they have already completed satisfactorily an equivalent of the two courses at Master's level.

Each year the Department of Social Work will make available a range of options for candidates.

BOARD OF EXAMINERS

Pursuant to section 12 of Chapter VIII of the By-laws the Faculty appoints the following as members of the Board of Examiners which shall be responsible for the conduct of examinations in respect of candidates for the degree of Bachelor of Arts;

— the permanent and temporary full-time members of the teaching staff in the departments offering courses for the degree of Bachelor of Arts.

EXAMINERS

The examiners shall comprise the permanent and temporary full-time members of the teaching staff of the Departments offering courses for the degree of Bachelor of Arts, and such other examiners as may be nominated by the Head of the Department and approved by the Dean.

Degrees in Divinity

BY-LAWS CHAPTER XA

1. The degrees in Divinity shall be—
   (a) Bachelor of Divinity (B.D.),
   (b) Master of Theology (Pass) (M.Th.(Pass))
   (c) Master of Theology (Honours) (M.Th. (Hons.)); and
   (d) Doctor of Divinity (D.D.).
2. (1) The award of the degrees shall be supervised by a Board of Studies in Divinity consisting of:
   (a) the Dean of the Faculty of Arts;
   (b) the Professors of Religious Studies and Semitic Studies;
   (c) the Librarian or his representative;
   (d) nine persons, each of whom shall be a member of the full-time permanent academic staff, appointed by the Academic Board on the recommendation of the Head of the Department or School concerned, there being one person appointed from each of the following Departments or Schools:—

Anthropology	Philosophy
Archaeology	Psychology
Greek	Religious Studies
History	Semitic Studies;
Latin	

   (e) not more than two persons, each of whom shall be a member of the full-time permanent academic staff, appointed by the Academic Board from among the Departments or Schools referred to in paragraph (d) on the recommendation of the Board of Studies;
   (f) the Heads of such Colleges within the University as are incorporated by an Act of Parliament and established in connection with a religious denomination;
   (g) the Chairman of each Section of the School of Divinity;
   (h) not more than seven persons, of whom not less than two and not more than four shall be members of the full-time permanent academic staff, co-opted by the members referred to in paragraphs (a) to (g) inclusive;
   (i) such persons being Lecturers in Divinity (part-time) within the School of Divinity as may be co-opted by the members referred to in paragraphs (a) to (h) inclusive, provided that not more than three Lecturers in Divinity (part-time) shall be co-opted in accordance with this paragraph from each of the Sections of the School of Divinity; and

(j) not more than three students elected in the manner and for the period prescribed by Resolution of the Senate[1].

(2) Subject to subsection (5) (d), a member appointed in accordance with subsection (1) (d) or (1) (e) shall hold office for two years from 1st January in the year following his appointment and shall be eligible for re-appointment.

(3) Subject to subsection (5) (d), a member co-opted in accordance with subsection (1) (h) or (1) (i) shall hold office for two years from the day on which he is co-opted and shall be eligible for further co-option.

(4) If a vacancy occurs in the office of a member appointed in accordance with subsection (1) (d) or (1) (e) or co-opted in accordance with subsection (1) (h) or (1) (i), the person or persons entitled to appoint or co-opt a person in accordance with subsection (1) (d), (1) (e), (1) (h) or (1) (i), as the case may be, may appoint or co-opt some other person who is qualified for appointment or co-option in accordance with the same paragraph as the member whose office is vacant, and the person appointed or co-opted to fill that vacancy shall hold office for the balance of the term of the member whose office he has been appointed or co-opted to fill.

(5) (a) At the first meeting of the Board of Studies in 1979 and in every second year thereafter the members referred to in subsections (1) (a) to (1) (j) inclusive shall elect from those members appointed in accordance with subsection (1) (b), (1) (d), (1) (e) or (1) (g) and those members co-opted in accordance with subsection (1) (h) who are members of the full-time permanent academic staff a Chairman who shall hold office until his successor is elected.

(b) The Chairman shall be eligible for re-election.

(c) If a vacancy occurs in the office of Chairman, the members referred to in subsections (1) (a) to (1) (j) inclusive shall at a duly convened meeting of the Board of Studies to be held as soon as can be conveniently arranged elect from those members appointed in accordance with subsection (1) (b), (1) (d), (1) (e) or (1) (g) and those members co-opted in accordance with subsection (1) (h) who are members of the full-time permanent academic staff a Chairman who shall hold office for the balance of the term of the person he replaces.

(d) Where the term of office of a member of the Board of Studies who is the Chairman would, but for this paragraph, expire and that member has not been re-appointed or re-elected or further co-opted as a member of the Board, that member shall continue to hold office as a member of the Board until a new Chairman is elected.

(6) The members of the Board of Studies appointed, co-opted or elected in accordance with the By-Laws previously in force shall be deemed to hold office until 31st December, 1978.

(7) At any meeting of the Board of Studies seven members shall form a quorum.

3. (1) The Board of Studies shall recommend to the Vice-Chancellor the persons to be appointed as Lecturers in Divinity (part-time).

(2) The Board of Studies shall supervise the teaching in the subjects with which the Board is concerned, other than those within the supervision of a Faculty or another Board of Studies.

4. (1) There shall be a Committee of Lecturers, consisting of the Chairman of the Board, who shall be Chairman of the Committee and such Lecturers in Divinity (part-time) and other members of the academic staff as are engaged in teaching in courses under the Board of Studies during that academic year, together with the members of the Board of Studies elected in accordance with section 2 (1) (j).

(2) The Committee shall advise the Board of Studies on such matters as the Board may refer to it and may submit for the consideration of the Board of Studies matters relating to teaching, scholarship and research in Divinity.

(3) The Committee shall have power to co-opt to its membership Lecturers in Divinity (part-time) or other members of the academic staff who are not engaged in teaching in courses under the Board of Studies during that academic year provided that the total number of such co-opted members shall not exceed one-quarter of the total membership of the Committee.

5. (1) (a) The Board of Studies shall assign the Lecturers in Divinity (part-time) to Sections of the School which correspond to the principal subjects taught within the School, provided that a Lecturer may be assigned to more than one Section.

(b) The Board of Studies may invite members of Departments within the University to participate in the teaching provided by a Section.

(2) (a) The Board of Studies shall appoint from among the Lecturers in Divinity (part-time) assigned to a Section and members of the full-time permanent academic staff teaching within the Section a Chairman of the Section who shall preside at meetings of the Section.

(b) The Chairman of a Section shall be appointed in the manner and for the period prescribed by Resolution of the Senate on the recommendation of the Board of Studies and the Academic Board.

(3) The Lecturers in Divinity (part-time) assigned to a Section and the other members of the academic staff teaching within the Section shall meet at least once a term to report to the Committee of Lecturers or the Board of Studies on teaching arrangements and subject requirements within that Section.

(4) For the purpose of subsection (1) (a), Religious Studies shall be deemed to be a Section of the School of Divinity.

BACHELOR OF DIVINITY

6. (1) The degree of Bachelor of Divinity shall be awarded in two grades, namely, the Pass degree and the degree with Honours.

(2) There shall be two classes of Honours, namely, Class I and Class II and within Class II there shall be two divisions, namely Division 1 and Division 2.

7. An applicant for admission to candidature for the degree of Bachelor of Divinity shall apply in writing to

[1] See Senate Resolutions following Chapter VIII.

the Registrar for admission to candidature and shall be:

(a) a graduate in the Faculty of Arts of the University of Sydney who has completed such courses as may from time to time be specified by the Board of Studies or be deemed by the Board of Studies to be equivalent to them; or
(b) any other graduate in the Faculty of Arts of the University of Sydney; or
(c) a graduate of the University of Sydney in any other Faculty or under a Board of Studies; or
(d) a graduate of a university other than the University of Sydney or a person with qualifications obtained in an institution other than a university and who in either case is deemed by the Board of Studies and by the Academic Board to have qualifications equivalent to those required of a graduate of the University of Sydney for admission to such candidature.

8. A candidate admitted in accordance with section 7 (b) or 7 (c) or 7 (d) shall undertake such preliminary study as the Board of Studies may prescribe.

9. A candidate for the degree shall complete such requirements for the degree as may be prescribed from time to time by Resolution of the Senate on the recommendation of the Board of Studies and the Academic Board.

10. (1) A candidate who commenced prior to the day upon which these By-laws take effect may complete the requirements for the degree in accordance with the by-laws in force immediately before that day.

(2) A candidate referred to in subsection (1) shall complete the requirements for the degree on or before 31st December, 1983 or such later date as the Board of Studies may, in special circumstances, approve.

DEGREE OF MASTER OF THEOLOGY (PASS)

11. The degree of Master of Theology (Pass) shall be awarded in one grade only, except that an outstanding candidate may be awarded the degree with merit.

12. An applicant for admission to candidature for the degree shall—

(a) except as provided in Chapter XXVIA of these By-laws—
  (i) be a Bachelor of Divinity of the University of Sydney; or
  (ii) be a graduate of the University of Sydney and have completed such other work as the Board of Studies may prescribe;
(b) have completed three courses within the Section in which the applicant seeks to proceed to the degree or have completed courses deemed by the Board of Studies to be equivalent; and
(c) after consultation with the Chairman of the Section in which the applicant seeks to proceed to the degree, apply in writing to the Registrar for approval by the Board of Studies of such admission to candidature.

13. A candidate shall complete such requirements for the degree as may be prescribed from time to time by Resolution of the Senate on the recommendation of the Academic Board and the Board of Studies.

DEGREE OF MASTER OF THEOLOGY (HONOURS)

14. (1) The degree of Master of Theology (Honours) shall be awarded in two classes of Honours, namely, Class I and Class II.

(2) The candidate who shall have been most distinguished in the examination for the degree shall, if the candidate's work is of sufficient merit, receive a bronze medal.

15. An applicant for admission to candidature for the degree shall —

(a) except as provided in Chapter XXVIA of these By-laws —
  (i) be a Bachelor of Divinity of the University of Sydney with Honours in the Section in which the applicant seeks to proceed or have obtained qualifications deemed by the Board of Studies to be equivalent; or
  (ii) with the special permission of the Board of Studies —
    (1) be a graduate of the University of Sydney with Honours in any Faculty or under any other Board of Studies;
    (2) hold the degree of Master of Theology (Pass); or
    (3) hold qualifications deemed by the Board of Studies to be equivalent; and
(b) after consultation with the Chairman of the Section in which the applicant seeks to proceed to the degree, apply in writing to the Registrar for approval by the Board of Studies of such admission to candidature.

16. A candidate shall complete such requirements for the degree as may be prescribed from time to time by Resolution of the Senate on the recommendation of the Academic Board and the Board of Studies.

17. The provisions of section 1(b) and (c) and sections 11 to 16 and the Resolutions arising therefrom shall have effect on and from 1st January, 1983, except that a candidate for the degree of Master of Theology who was admitted to candidature prior to that date may complete the requirements for the degree in accordance with the By-laws as in force immediately before the date of commencement of this section.

DEGREE OF DOCTOR OF DIVINITY

18. The degree of Doctor of Divinity shall not be conferred except as provided in Chapter XIXB.

RESOLUTIONS OF THE SENATE

BACHELOR OF DIVINITY

In accordance with section 9 of Chapter XA of the by-laws, the Senate has prescribed the following resolutions for the degree of Bachelor of Divinity:—

1. (1) A course shall consist of lectures, together with such seminars, tutorials, essays and exercises as may be prescribed.

(2) In these resolutions 'to complete a course' and derivative expressions mean—

(a) to attend the lectures and the seminars and tutorials, if any;
(b) to complete satisfactorily the essays and exercises; and
(c) to pass the examinations of the course.

2. (1) A final result shall be recorded for each candidate at the end of each course.

(2) A candidate may be tested by written examinations, oral examinations, exercises and essays or

any combination of these and the results of such tests shall be taken into account in determining the final result.

(3) A course completed at a standard higher than that required for a Pass may be recognised by the award of High Distinction, Distinction or Credit.

3. A candidate who has been prevented by duly certified illness or misadventure from sitting for the whole or part of the examinations of a course or a candidate about whose performance in any course at the final examination the examiners are in doubt may be tested in such a way or at such times as the Chairman of the Board of Studies shall determine.

4. (1) Unless exempted by the Board of Studies, a candidate who presents himself for re-examination in a course shall complete that course in accordance with Resolutions 1 and 2.

(2) A candidate who presents himself for re-examination shall not be eligible for any prize or scholarship awarded in connection with that course.

5. The Board of Studies may admit a student as a part-time candidate, subject to such conditions as the Board may prescribe.

Pass degree

6. Except as provided in Resolution 9, a candidate for the Pass degree shall be required to attend courses for not less than three years and to complete the courses in accordance with the conditions prescribed in these Resolutions.

7. (1) Except with the permission of the Board of Studies, a candidate shall not complete more than four courses in any one year.

(2) For the purpose of this Resolution, two half-year electives shall be equivalent to a single course.

(3) A candidate who fails to complete the required number of courses in any one year shall take, in the next year of candidature, such courses as the Board of Studies shall determine.

8. Except as provided in Resolutions 9 and 10, a candidate for the degree shall complete the following courses, as prescribed from time to time by the Board of Studies:—

(1) In the First Year—
(a) a course in Old Testament Studies;
(b) Greek IB (Koine);
(c) a course in History and Phenomenology of Religion; and
(d) History and Thought of Christianity I.
(2) In the Second Year—
(a) Old and New Testament II;
(b) History and Thought of Christianity II; and
(c) three electives which shall be selected from a list of electives drawn up from time to time by the Board of Studies and one of which shall be drawn from the History and Phenomenology of Religion.
(3) In the Third Year—
(a) Old and New Testament III;
(b) History and Thought of Christianity III; and
(c) two electives, one in each half-year, which shall be selected from a list of electives drawn up from time to time by the Board of Studies from the areas of Old and New Testament, History and Thought of Christianity and Religious Studies.

9. Except as provided in Resolution 10, a candidate who has been admitted in accordance with section 7 (a) of Chapter XA of the by-laws shall complete the following courses as prescribed from time to time by the Board of Studies:—

(1) In the First Year—
(a) Old and New Testament II;
(b) History and Thought of Christianity II; and
(c) four electives, two in each half-year, which shall be selected from a list of electives drawn up from time to time by the Board of Studies and one of which shall be drawn from the History and Phenomenology of Religion.
(2) In the Second Year—
(a) Old and New Testament III;
(b) History and Thought of Christianity III; and
(c) three electives, at least one in each half-year, which shall be selected from a list of electives drawn up from time to time by the Board of Studies, provided that at least two electives shall be taken within one of the Sections of the School of Divinity.

10. A candidate who prior to admission to candidature has completed a course or courses containing, in the opinion of the Board of Studies, a significant amount of the subject-matter contained in a course or courses for the degree of Bachelor of Divinity shall take such alternative course or courses as the Board may prescribe.

Degree with Honours

11. (1) An applicant for admission to candidature for the degree with Honours who has been admitted to candidature for the Pass degree in accordance with section 7 (a) of Chapter XA of the by-laws shall—
(a) except as provided in Resolution 13 (6), have completed the requirements for the First and Second Years of the Pass degree and have obtained a High Distinction, Distinction or Credit in at least one of the courses in the Second Year; and
(b) have completed at least two electives in the Second Year in a subject related to his proposed Honours course.

(2) An applicant for admission to candidature for the degree with Honours who has been admitted to candidature for the Pass degree in accordance with section 7 (b) or 7 (c) or 7 (d) of Chapter XA of the by-laws shall—
(a) except as provided in Resolution 13 (6), have completed the requirements for the First, Second and Third Years of the Pass degree and have obtained a High Distinction, Distinction or Credit in at least one of the courses in the Third Year; and
(b) have completed two electives in the Third Year in a subject related to his proposed Honours course.

12. A candidate for the degree with Honours shall—
(a) complete a seminar course in at least one subject in which he has obtained a High Distinction, Distinction or Credit in the Third year;
(b) submit a thesis in one of the subjects referred to in paragraph (a) on a topic approved by the Board of Studies; and
(c) complete such other course or courses as the Board of Studies may prescribe.

13. (1) A candidate for the degree with Honours shall present himself for the Honours examination normally one year after he has qualified for the Pass degree.

(2) In respect of a candidate admitted in accordance with section 7 (a) of Chapter XA of the by-laws there shall be a maximum period of four

years of completion of the degree with single Honours and five years for completion of the degree with double Honours. For the purpose of this paragraph, a year shall refer to a year's attendance at the University and these years need not be consecutive calendar years.

(3) In respect of a candidate admitted in accordance with section 7 (b) or 7 (c) or 7 (d) of Chapter XA of the by-laws there shall be a maximum period of five years for completion of the degree with single Honours and six years for completion of the degree with double Honours. For the purpose of this paragraph, a year shall refer to a year's attendance at the University and these years need not be consecutive calendar years.

(4) The Board of Studies may in the case of part-time candidates or in special cases vary the requirements of Resolutions 13 (1), 13 (2) and 13 (3).

(5) (a) A candidate for single Honours may present himself only once for the Honours examination.

(b) A candidate for double Honours may present himself only once for the Honours examination in each of two Sections.

(6) The Board may permit a student to commence candidature for the degree with Honours while completing one course required for the immediately preceding year.

(7) The candidate who at the Honours examination in each Section most distinguishes himself shall, if he has obtained first-class Honours and has shown outstanding merit, receive a bronze medal.

14. (1) A candidate who has qualified to enter the Honours year in two subjects may—

(a) with the approval of the Board of Studies on the recommendation of the Chairman of the Section concerned, complete the Honours year in each of the two subjects concurrently in one year; or

(b) complete the Honours year in each of the two subjects consecutively in two years; or

(c) complete the Joint Honours year in the two subjects in one year.

(2) A Joint Honours year shall represent such part of the Honours year of each subject as may be approved by the Board of Studies on the recommendation of the Chairman of the Section concerned, in each individual case.

(3) (a) A candidate proceeding pursuant to paragraph (1) (a) or paragraph (1) (b) shall be eligible for the award of Honours in each subject.

(b) A candidate proceeding pursuant to paragraph (1) (c) shall be eligible for the award of Joint Honours in a form which recognises the subjects in which he has completed such Joint Honours.

MASTER OF THEOLOGY (PASS)

In accordance with section 13 of Chapter XA of the By-laws, the Senate has prescribed the following Resolutions governing candidature for the degree of Master of Theology (Pass):—

1. (1) A candidate for the degree of Master of Theology (Pass) shall proceed by —

(a) coursework, research and thesis in accordance with Resolution 2; or

(b) coursework and long essay in accordance with Resolution 4.

(2) A candidate shall proceed either as a full-time candidate or as a part-time candidate and shall so advise the Board of Studies.

(3) A candidate may be accepted by the Board of Studies on a probationary basis for a period not exceeding twelve months and upon completion of this probationary period the Board of Studies shall review the candidate's work and shall either confirm the candidate's status or terminate the candidature.

(4) In the case of a student accepted on a probationary basis under sub-section (3), the candidature shall be deemed to have commenced from the date of such acceptance.

2. A candidate proceeding by coursework, research and thesis shall —

(a) attend such courses of study and pass such examinations in each course as the Board of Studies, on the recommendation of the Chairman of the Section concerned, shall prescribe;

(b) complete a thesis on a topic recommended by the Chairman of the Section concerned and approved by the Board of Studies; and

(c) lodge with the Registrar two copies of the thesis, typewritten and bound.

3. (1) The Board of Studies, on the recommendation of the Chairman of the Section concerned, shall appoint at least two examiners of the thesis;

(2) The examiners shall report to the Board on the result of the thesis;

(3) The Chairman of the Section shall report to the Board on the result of the coursework; and

(4) The Board shall determine the result of the candidature.

4. A candidate proceeding by coursework and long essay shall —

(a) attend such courses of study and pass such examinations in each course of study as the Board of Studies, on the recommendation of the Chairman of the Section concerned, shall prescribe; and

(b) complete a long essay, which may or may not be related to the coursework referred to in this Resolution, as the Chairman of the Section concerned may prescribe.

5. The Chairman of the Section concerned shall report the result of the examination of the coursework and the long essay to the Board of Studies, which shall determine the result of the candidature.

6. The Board of Studies shall appoint, on the recommendation of the Chairman of the Section concerned, a member of the Committee of Lecturers to act as supervisor of the candidate.

7. (1) In any thesis lodged by a candidate in accordance with these Resolutions the candidate must state generally in a preface and specifically in notes the sources from which the information was taken, the extent to which the candidate has availed himself or herself of the work of others and the portion of the thesis which the candidate claims as original.

(2) The thesis shall be accompanied by a certificate from the supervisor stating whether, in the supervisor's opinion, the form of presentation of the thesis is satisfactory.

8. (1) A full-time candidate shall not present himself or herself for the award of the degree earlier than the end of the third term of candidature and, except with the permission of the Board of Studies on the recommendation of the Chairman of the

Section concerned, later than the end of the ninth term of candidature.

(2) A part-time candidate, except as provided in section (3), shall not present himself or herself for the award of the degree earlier than the end of the sixth term of candidature and, except with the permission of the Board of Studies on the recommendation of the Chairman of the Section concerned, later than the end of the eighteenth term of candidature.

(3) A part-time candidate proceeding in accordance with Resolution 1(b) shall complete the course requirements by no later than the end of the ninth term of candidature or such later date as may be determined by the Board of Studies in respect of each Section.

(4) Time spent by a candidate in advanced study in the University of Sydney or in another University, or in any other institution deemed by the Board of Studies to be equivalent, may be deemed by the Board of Studies to be time spent after such admission.

9. The Board of Studies may —

(a) on the recommendation of the Chairman of the Section concerned, call upon any candidate to show cause why the candidature should not be terminated by reason of unsatisfactory progress towards the completion of the requirements for the degree; and

(b) where, in the opinion of the Board, the candidate does not show good cause, terminate such candidature.

10. A candidate who has completed the requirements but has not qualified for the award of Master of Theology (Honours) may be awarded the degree of Master of Theology (Pass).

MASTER OF THEOLOGY (HONOURS)

In accordance with section 17 of Chapter XA of the By-laws, the Senate has prescribed the following Resolutions governing candidature for the degree of Master of Theology (Honours):—

1. A candidate for the degree of Master of Theology (Honours) shall —

(1) (a) carry out supervised research on a topic approved by the Board of Studies on the recommendation of the Chairman of the Section concerned;

(b) attend such seminars and other classes as the Board of Studies, on the recommendation of the Chairman of the Section concerned, may prescribe;

(c) write a thesis embodying the results of the research; and

(d) lodge with the Registrar three copies of the thesis, typewritten and bound.

(2) A candidate shall proceed either as a full-time candidate or as a part-time candidate and shall so advise the Board of Studies.

(3) A candidate may be accepted by the Board of Studies on a probationary basis for a period not exceeding twelve months and upon completion of this probationary period the Board of Studies shall review the candidate's work and shall either confirm the candidate's status or terminate the candidature.

(4) In the case of a candidate accepted on a probationary basis under sub-section (3), the candidature shall be deemed to have commenced from the date of such acceptance.

2. (1) The Board of Studies, on the recommendation of the Chairman of the Section concerned, shall appoint at least two examiners of the thesis, of whom one shall be external.

(2) The examiners shall report to the Board, which shall determine the result of the candidature.

(3) In special cases, the Board, on the recommendation of the Chairman of the Section concerned, may require the candidate to take a further examination in the area of the thesis.

3. The Board of Studies shall appoint, on the recommendation of the Chairman of the Section concerned, a member of the Committee of Lecturers to act as supervisor of the candidate.

4. (1) In any thesis lodged by a candidate in accordance with these Resolutions the candidate must state generally in a preface and specifically in notes the sources from which the information was taken, the extent to which the candidate has availed himself or herself of the work of others and the portion of the thesis which the candidate claims as original.

(2) The thesis lodged shall be accompanied by a certificate from the supervisor stating whether, in the supervisor's opinion, the form of presentation of the thesis is satisfactory.

5. (1) A full-time candidate shall not present himself or herself for the award of the degree earlier than the end of the third term of candidature and, except with the permission of the Board of Studies on the recommendation of the Chairman of the Section concerned, later than the end of the ninth term of candidature.

(2) A part-time candidate shall not present himself or herself for the award of the degree earlier than the end of the sixth term of candidature and, except with the permission of the Board of Studies on the recommendation of the Chairman of the Section concerned, later than the end of the eighteenth term of candidature.

(3) Time spent by a candidate in advanced study in the University of Sydney or in another University, or in any other institution prior to admission to candidature for the degree deemed by the Board of Studies to be equivalent, may be deemed by the Board of Studies to be time spent after such admission.

CHAIRMAN OF SECTION

In accordance with section 5 (2) (b) of Chapter XA of the by-laws, the Senate has prescribed the following Resolutions relating to the Chairman of a Section:—

1. The Chairman of a Section shall be appointed by the Board of Studies at its first meeting in 1979 and in every second year thereafter, following a nomination of one of the persons defined by section 5 (2) (a) of Chapter XA of the by-laws and following an election by the members of the Section as referred to in section 5 (2) (a) of Chapter XA of the by-laws and shall hold office until his successor is appointed.

2. The Chairman shall be eligible for re-appointment.

3. If a vacancy occurs in the office of Chairman of a Section, the members of the Section as referred to in section 5 (1) of Chapter XA of the by-laws shall at a duly convened meeting of the Section to be held as soon as can be conveniently arranged elect from among their own number a Chairman who shall hold office for the balance of the term of the person he replaces.

4. Where the term of office of a member of a Section who is the Chairman would, but for this paragraph, expire and that member has not been re-appointed as a member of the Section, that member shall continue to hold office as a member of the Section until a new Chairman is elected.

Degrees and Diploma in Education

BY-LAWS CHAPTER XB

1. The degrees and diploma in Education shall be—
   (a) Bachelor of Education (B.Ed.);
   (b) Master of Education (Pass) (M.Ed.(Pass));
   (c) Master of Education (Honours) (M.Ed.(Hons.)); and
   (d) Diploma in Education (Dip.Ed.)

2. The award of the degrees and diploma in Education shall be supervised by a Board of Studies in Education consisting of—
   (a) the Professors, Readers, Associate Professors, Senior Lecturers, Lecturers, Principal Tutors[1], Senior Tutors, Assistant Lecturers and Tutors being full-time permanent or full-time temporary members of the teaching staff in the Department of Education;
   (b) not more than 3 part-time members of the teaching staff in the Department of Education appointed by the Academic Board on the recommendation of the Head of the Department of Education;
   (c) the Deans of the Faculties of Arts, Science and Economics and the Director of the Department of Adult Education or their nominees;
   (d) not more than 17 persons, not being members of the Department of Education, appointed as follows:
      (i) not more than 5 members of the Faculty of Arts appointed by the Academic Board on the recommendation of the Faculty of Arts;
      (ii) not more than 3 members of the Faculty of Science appointed by the Academic Board on the recommendation of the Faculty of Science;
      (iii) not more than 2 members of the Faculty of Economics appointed by the Academic Board on the recommendation of the Faculty of Economics;
      (iv) not more than 1 member from each of the Faculties of Agriculture, Architecture, Dentistry, Engineering, Law, Medicine and Veterinary Science appointed by the Academic Board on the recommendation of the respective Faculty;

[1] The Senate has approved an amendment of these by-laws to remove all reference to the discontinued grade of Principal Tutor.

(e) not more than 3 students elected in the manner and for the period prescribed by resolution of the Senate[1], one from each of the following categories:
  (i) a student enrolled as a candidate for the degree of Bachelor of Education;
  (ii) a student enrolled as a candidate for either the degree of Master of Education (Pass) or the degree of Master of Education (Honours);
  (iii) a student enrolled as a candidate for the Diploma in Education; and
(f) not more than 3 persons with appropriate experience in the field of education, not being members of the Department of Education, as may be co-opted by the members referred to in paragraphs (a) to (e) inclusive.

3. (1) Subject to subsection (4) and section 4 (4), the members appointed in accordance with section 2 (b) or (d) shall hold office for a period of 2 years commencing on 1st January following their appointment, except that the members first appointed shall hold office for the period commencing on the date of their appointment and terminating on 31st December 1981.

(2) Subject to subsection (4) and section 4 (4), the members co-opted in accordance with section 2 (f) shall hold office for the period commencing on the date of their co-option and terminating on 31st December of the year next following the year in which their co-option takes place, except that the members first co-opted shall hold office for the period commencing on the date of their co-option and terminating on 31st December 1981.

(3) Members shall be eligible for re-appointment, re-election or re-co-option.

(4) Subject to section 4 (4), a person shall cease to hold office if he ceases to hold the qualifications in respect of which he was eligible to hold office.

(5) If a vacancy occurs in the office of a member appointed or co-opted in accordance with section 2 (b), (d) or (f), the vacancy may be filled in like manner to the appointment or co-option and the person so appointed or co-opted shall hold office for the balance of the term of the person he replaces.

4. (1) The Board shall, at a meeting in Michaelmas Term in 1981 and in Michaelmas Term in every second year thereafter, elect one of its members as Chairman who shall hold office until his successor is elected.

(2) The Chairman shall be eligible for re-election.

(3) If a vacancy occurs in the office of Chairman, the members referred to in section 2 (a) to (f) inclusive shall elect from among their number at a duly convened meeting of the Board of Studies to be held as soon as conveniently may be a Chairman who shall hold office for the balance of the term of the person he replaces.

(4) Where the term of office of a member of the Board of Studies who is the Chairman would, but for this subsection, expire and that member has not been re-appointed or re-elected as a member of the Board, that member shall continue to hold office as a member of the Board until a new Chairman is elected.

5. At any meeting of the Board of Studies seven members shall form a quorum.

6. The Board of Studies shall—
(a) recommend to the Senate, through the Academic Board, the persons to be recognised as teachers for the purpose of the degrees and Diploma in Education;
(b) subject to the authority of the Senate and the Academic Board, supervise the teaching in the subjects with which the Board of Studies is concerned, other than those within the supervision of a Faculty or another Board of Studies;
(c) take cognizance of and encourage scholarship and research in those subjects; and
(d) consider and report upon all matters referred to it by the Senate or by the Academic Board or by the Vice-Chancellor.

7. (1) Subject to the authority of the Senate and the Academic Board, the Board of Studies shall appoint to hold office for a period of at least one year a Board or Boards of Examiners which shall be responsible for the conduct of examinations in respect of candidates for the degree of Bachelor of Education and the Diploma in Education and which shall determine the specific results of the candidates after considering the recommendations of the examiners appointed by the Board of Studies.

(2) Subject to the authority of the Senate and the Academic Board, the Board of Studies may appoint such Standing Committees for the degrees and Diploma in Education as from time to time may be deemed necessary.

(3) Subject to the authority of the Senate and the Academic Board and to subsection (4), any persons, including members of the Board of Studies, may be appointed as members of a Board of Examiners or a Standing Committee.

(4) A person who is a candidate for the degree of Bachelor of Education or for the Diploma in Education shall not be eligible for appointment to a Board of Examiners appointed in respect of the degree or diploma for which he is a candidate.

DEGREE OF BACHELOR OF EDUCATION

8. (1) The degree of Bachelor of Education shall be awarded in two grades, namely, the Pass degree and the degree with Honours.

(2) There shall be three classes of Honours, namely, Class I, Class II and Class III and within Class II there shall be 2 divisions, namely Division 1 and Division 2.

(3) Candidates for the Honours degree may be awarded the Pass degree.

9. A candidate for the degree shall complete such requirements for the degree as may be prescribed from time to time by Resolution of the Senate on the recommendation of the Academic Board and of the Board of Studies.

DEGREE OF MASTER OF EDUCATION (PASS)

10. The degree of Master of Education (Pass) shall be awarded in one grade only, provided that an outstanding candidate may be awarded the degree with merit.

11. Except as provided in Chapter XXVIA an applicant for admission to candidature for the degree shall—
(a) either
  (i) be a Bachelor of Education of the University of Sydney; or
  (ii) be a graduate of the University of Sydney and hold the Diploma in Education of the University of Sydney or its equivalent;

[1] See Senate Resolutions following Chapter VIII.

(b) have been engaged in appropriate practical work in education either full-time for 1 year or part-time for a period considered by the Board of Studies to be equivalent;
(c) complete any additional qualifying courses prescribed by the Board of Studies; and
(d) apply in writing to the Registrar for approval by the Board of Studies of his admission to candidature.

12. A candidate shall complete such requirements for the degree as may be prescribed by Resolution of the Senate on the recommendation of the Academic Board and the Board of Studies.

13. A person who has been awarded the degree of Master of Arts (Pass) in Education, Master of Arts (Honours) in Education or Master of Education (Honours) shall not be awarded the degree of Master of Education (Pass).

DEGREE OF MASTER OF EDUCATION (HONOURS)

14. (1) The degree of Master of Education (Honours) shall be awarded in two classes of Honours, namely Class I and Class II.

(2) An outstanding candidate who has distinguished himself at the examination for the degree shall, if he possesses sufficient merit, receive a bronze medal.

15. Except as provided in Chapter XXVIA an applicant for admission to candidature for the degree shall—

(a) either—
(i) be a Bachelor of Education with Honours of the University of Sydney;
(ii) be a Bachelor of Arts in Education with Honours of the University of Sydney, and hold the Diploma in Education of the University of Sydney;
(iii) be a Master of Education of the University of Sydney; or
(iv) hold qualifications considered by the Board of Studies to be equivalent to those specified in this paragraph;
(b) have been engaged in appropriate practical work in education either full-time for 1 year or part-time for a period considered by the Board of Studies to be equivalent;
(c) complete any additional qualifying courses prescribed by the Board of Studies; and
(d) apply in writing to the Registrar for approval by the Board of Studies of his admission to candidature.

16. A candidate shall complete such requirements for the degree as may be prescribed by Resolution of the Senate on the recommendation of the Academic Board and the Board of Studies.

17. A person who has been awarded the degree of Master of Arts (Honours) in Education shall not be awarded the degree of Master of Education (Honours).

DIPLOMA IN EDUCATION

18. Admission to candidature for the Diploma in Education may be granted—

(a) to an applicant who has completed or been granted credit for—
(i) at least 3 First-Year courses towards the degree of Bachelor of Arts of the University of Sydney;
(ii) at least 18 units of Junior courses towards the degree of Bachelor of Science of the University of Sydney; or
(iii) at least 18 units of Junior courses towards the degree of Bachelor of Economics of the University of Sydney;
(b) to a graduate of the University of Sydney; or
(c) on the recommendation of the Board of Studies and with the approval of the Academic Board, to a graduate of another university or the holder of an equivalent qualification obtained in an appropriate institution.

19. A candidate for the Diploma shall complete such requirements for the Diploma as may be prescribed from time to time by Resolution of the Senate on the recommendation of the Academic Board and of the Board of Studies.

RESOLUTIONS OF THE SENATE

BACHELOR OF EDUCATION

In accordance with section 8 of Chapter XB of the By-laws the following Resolutions governing candidature for the degree of Bachelor of Education have been prescribed by the Senate:—

1. A course shall consist of lectures, together with such seminars, tutorial instruction, essays, exercises or practical work as may be prescribed. Except with the permission of the Board of Studies, in these Resolutions 'to complete a course' and derivative expressions mean—

(a) to attend the lectures and the meetings, if any, for seminars or tutorial instruction;
(b) to complete satisfactorily the essays, exercises and the practical work, if any; and
(c) to pass the examinations of the course.

2. With regard to the courses selected from those prescribed for the degrees of Bachelor of Arts, Bachelor of Science and Bachelor of Economics mentioned in these Resolutions, a candidate for the degree of Bachelor of Education shall satisfy the prerequisites, corequisites and other requirements for such courses according to the By-laws and Resolutions relating to the degree of Bachelor of Arts, Bachelor of Science and Bachelor of Economics.

3. A candidate for the degree who commenced candidature prior to 1st January 1980 may complete the requirements for the degree in accordance with the Resolutions of the Senate in force at the time he commenced, provided that he shall complete the requirements for the degree by 1st March 1984 or such later date as the Board of Studies may, in special circumstances, approve.

Pass degree

4. PRIMARY AND EARLY CHILDHOOD COURSES

Except with the permission of the Board of Studies, the courses to be completed for the Primary Education and Early Childhood Education strands of the degree are as follows:

In Years I and II, seven courses selected from those prescribed for the degrees of Bachelor of Arts, Bachelor of Science and Bachelor of Economics, together with the course Primary Education I or Early Childhood Education I, taken as follows:—

Year I

(1) Anthropology I, Philosophy I or Psychology I;

(2) and (3) two courses selected from: Anthropology I, Economic History I, Economics I, English I, Fine Arts I, Government I, History I, Linguistics I, Mathematics I or General Pure Mathematics, Music I, Philosophy I, Psychology

I, Arabic I, Chinese I, French I, German I, Modern Greek I, Hebrew I, Indonesian and Malayan Studies I, Italian I and Japanese I; and
(4) one course selected from: Biology I, Biology I — Human, Social and Environmental Biology, Geography I, Geology I, Chemistry I, Physics I or Physics ILS.

Year II
(1) Primary Education I or Early Childhood Education I;
(2) Education II;
(3) a Second-Year course prescribed for the degree of Bachelor of Arts, an Intermediate Normal, Intermediate Long or Intermediate Combined course prescribed for the degree of Bachelor of Science or an Intermediate Normal or Intermediate Advanced course prescribed for the degree of Bachelor of Economics; and
(4) a First- or Second-Year course prescribed for the degree of Bachelor of Arts, a Junior or Intermediate Normal, Intermediate Long or Intermediate Combined course prescribed for the degree of Bachelor of Science or a Junior Normal, Intermediate Normal or Intermediate Advanced course prescribed for the degree of Bachelor of Economics.

Year III
(1) Primary Education II or Early Childhood Education II; and
(2) Education III.

Year IV
(1) Primary Education III or Early Childhood Education III; and
(2) either—
(a) a Second- or Third-Year course prescribed for the degree of Bachelor of Arts, an Intermediate Normal, Intermediate Long, Intermediate Combined or Senior course prescribed for the degree of Bachelor of Science or an Intermediate Normal, Intermediate Advanced, Senior Normal or Senior Advanced course prescribed for the degree of Bachelor of Economics
or—
(b) a special course approved by the Board of Studies.

5. SECONDARY EDUCATION COURSES
Except with the permission of the Board of Studies, the courses to be completed for the Secondary Education strand of the degree are as follows:—

In Years I and II, seven courses selected from those prescribed for the degrees of Bachelor of Arts, Bachelor of Science and Bachelor of Economics, together with the course Secondary Education I, taken as follows:—

Year I
(1) Anthropology I, Philosophy I or Psychology I; and
(2), (3) and (4) three courses selected from First-Year courses prescribed for the degree of Bachelor of Arts, from Junior courses prescribed for the degree of Bachelor of Science or from Junior Normal courses prescribed for the degree of Bachelor of Economics.

Year II
(1) Secondary Education I;
(2) Education II;
(3) a Second-Year course prescribed for the degree of Bachelor of Arts, an Intermediate Normal, Intermediate Long or Intermediate Combined course prescribed for the degree of Bachelor of Science or an Intermediate Normal or Intermediate Advanced course prescribed for the degree of Bachelor of Economics; and
(4) a First- or Second-Year course prescribed for the degree of Bachelor of Arts, an Intermediate Normal, Intermediate Long or Intermediate Combined course prescribed for the degree of Bachelor of Science or an Intermediate Normal or Intermediate Advanced course prescribed for the degree of Bachelor of Economics.

Year III and Year IV
(1) Secondary Education II;
(2) Secondary Education III;
(3) Education III; and
(4) either—
(a) a Second- or Third-Year course prescribed for the degree of Bachelor of Arts, an Intermediate Normal, Intermediate Long, Intermediate Combined or Senior course prescribed for the degree of Bachelor of Science or an Intermediate Normal, Intermediate Advanced, Senior Normal or Senior Advanced course prescribed for the degree of Bachelor of Economics;
or—
(b) a special course approved by the Board of Studies.

6. PHYSICAL EDUCATION COURSES
Except with the permission of the Board of Studies, the courses to be completed for the Physical Education strand of the degree are as follows:—

In Years I and II, six courses selected from those prescribed for the degrees of Bachelor of Arts, Bachelor of Science and Bachelor of Economics, together with the course Physical Education I, taken as follows:—

Year I
Four courses selected from those prescribed for the degrees of Bachelor of Arts, Bachelor of Science and Bachelor of Economics, taken as follows:—
(1) Anthropology I, Philosophy I or Psychology I;
(2) Biology I or Biology I — Human, Social and Environmental Biology; and
(3) and (4) two courses selected from First-Year courses prescribed for the degree of Bachelor of Arts, Junior courses prescribed for the degree of Bachelor of Science and Junior Normal courses prescribed for the degree of Bachelor of Economics.

Year II
(1) Physical Education I;
(2) Education II; and
(3) a Second-Year course prescribed for the degree of Bachelor of Arts, an Intermediate Normal, Intermediate Long or Intermediate Combined course prescribed for the degree of Bachelor of Science or an Intermediate Normal or Intermediate Advanced course prescribed for the degree of Bachelor of Economics.

Year III

(1) Physical Education II;
(2) Education III; and
(3) Health Education or one of the following courses:—
(a) a Second- or Third-Year course prescribed for the degree of Bachelor of Arts;
(b) a Senior or Senior Advanced course prescribed for the degree of Bachelor of Science;
(c) an Intermediate Combined course or both an Intermediate Normal or Intermediate Long course and an Intermediate Auxiliary or Intermediate Introductory course prescribed for the degree of Bachelor of Science;
(d) an Intermediate Normal, Intermediate Advanced, Senior Normal or Senior Advanced course prescribed for the degree of Bachelor of Economics; or
(e) a special course approved by the Board of Studies.

Year IV

(1) Physical Education III; and
(2) Health Education; or if this course was completed in Year III one of the courses not already completed from section 3 in Year III.

7. (1) A candidate shall not take more than four courses in either Year I or Year II.
(2) Except with the permission of the Board of Studies, a candidate shall not take more than three courses in Year III or more than two courses in Year IV.
(3) Except with the permission of the Board of Studies, no candidate may proceed to the courses prescribed for Year III until he has fulfilled the requirements of Years I and II.

8. Before a candidate may enrol in Education II, he shall have completed Anthropology I, Philosophy I or Psychology I.

9. Except with the permission of the Board of Studies, a candidate may not take a higher course in any subject without having previously completed the lower course or courses in the same subject or some other course or courses allowed by the Board of Studies to count as equivalent.

10. A person who has completed work or a course or courses towards a degree at this or another university or towards an equivalent qualification at an appropriate institution may be granted credit towards the degree of Bachelor of Education for up to seven courses provided that the work or the course or courses is considered by the Board of Studies on the recommendation of the Head of the Department concerned to be equivalent to a course or courses set out in Resolutions 4, 5 or 6.

Honours degree

11. (1) The Honours degree may be awarded in respect of—
(a) a professional subject,
(b) a non-professional subject; or
(c) both a professional subject and a non-professional subject.
(2) For the purposes of these Resolutions the professional subjects are Primary Education, Early Childhood Education, Secondary Education and Physical Education.

12. (1) An applicant for admission to candidature for the Honours degree in a professional subject shall—
(a) have completed the requirements for Years I and II of the Pass degree;
(b) have achieved special merit, as defined by Resolution of the Board of Studies, in Year I and/or Year II of the Pass degree; and
(c) apply in writing to the Registrar, provided that, except with the permission of the Board of Studies, such application shall be made before the candidate commences Year III.
(2) An applicant for admission to candidature for the Honours degree in a non-professional subject shall—
(a) be qualified for such admission in accordance with the Resolutions of the Senate relating to the degree of Bachelor of Arts, Bachelor of Science or Bachelor of Economics and
(b) apply in writing to the Registrar, provided that, except with the permission of the Board of Studies, such application shall be made before the candidate commences Year II.
(3) An applicant for admission to candidature for the Honours degree in both a professional subject and a non-professional subject shall satisfy the requirements of both Resolutions 12 (1) and 12 (2).

13. (1) A candidate admitted in accordance with Resolution 12 (1) shall—
(a) complete the course Education III;
(b) (i) complete at the Honours level the courses of the professional subject prescribed in Years III and IV for the Pass degree and
(ii) complete at the Honours level such additional work in these courses as the Board of Studies may prescribe; and
(c) (i) complete at the Honours level the special course taken in Year III or IV and
(ii) complete in conjunction with this course a dissertation or special exercise.
(2) A candidate admitted in accordance with Resolution 12 (2) shall—
(a) complete the requirements for Years III and IV of the Pass degree, provided that the course in the professional subject prescribed for Year IV of the Pass degree may be completed either in Year IV or, subject to Resolution 16 (1) (ii), in a subsequent year of enrolment.
(b) complete the requirements for the award of Honours in a subject prescribed for the degree of Bachelor of Arts, Bachelor of Science or Bachelor of Economics, provided that the requirements prescribed for the final Honours year of such subject may be completed either in Year IV or, subject to Resolution 16 (1) (ii), in a subsequent year of enrolment.
(3) A candidate admitted in accordance with Resolution 12 (3) shall complete all the requirements prescribed in Resolutions 13 (1) and 13 (2).

14. (1) Notwithstanding the provisions of Resolutions 4, 5 and 6 and except as provided in Resolution 14 (2), a candidate for the Honours degree in a subject for which Honours courses are prescribed for the degree of Bachelor of Arts shall satisfy the requirements for Year II if he completes—
(a) Primary Education I, Early Childhood Education I, Secondary Education I or Physical Education I;
(b) Education II; and
(c) the work required of an Honours student in the Second-Year course in the subject pre-

scribed for the degree of Bachelor of Arts in which he seeks Honours.

(2) Notwithstanding the provisions of Resolutions 4, 5 and 6, a candidate for the Honours degree in Education shall satisfy the requirements for Year II if he completes—

(a) Primary Education I, Early Childhood Education I, Secondary Education I or Physical Education I;

(b) Education II (Honours); and

(c) a Second-Year course prescribed for the degree of Bachelor of Arts, an Intermediate Normal, Intermediate Long or Intermediate Combined course prescribed for the degree of Bachelor of Science or an Intermediate Normal or Intermediate Advanced course prescribed for the degree of Bachelor of Economics.

15. A candidate shall have passed an Honours course at the Honours level if he obtains a High Distinction, Distinction or Credit in the annual examination.

16. (1) Except with the permission of the Board of Studies, a candidate shall not be eligible for the award of the Honours degree unless he completes all the requirements for the degree—

(i) in the case of Honours in a professional subject, in not more than five years of enrolment; and

(ii) in the case of Honours in a non-professional subject, in not more than six years of enrolment.

(2) In considering the award of the Honours degree the Board of Studies shall take into account a candidate's overall performance in Year III and subsequent years.

17. There shall be no re-examination for Honours.

18. The candidate who most distinguishes himself in each Honours subject shall, if he has obtained First-Class Honours and has shown outstanding merit in his work, receive a bronze medal.

MASTER OF EDUCATION (PASS) AND (HONOURS)

In accordance with Chapter XB, sections 11 and 15 of the By-laws, the following Resolutions governing candidature for the degrees of Master of Education (Pass) and Master of Education (Honours) have been prescribed by the Senate:—

1. (1) A course shall consist of such seminars, lectures, tutorial instruction, essays, exercises and practical work as may be prescribed by the Board of Studies on the recommendation of the Head of the Department of Education.

(2) In these Resolutions 'to complete a course' and derivative expressions mean:—

(a) to attend such seminars, lectures and meetings for tutorial instruction as may be prescribed; and

(b) to complete to the satisfaction of the examiners such essays, exercises, practical work and examinations as may be prescribed.

2. (1) A candidate for the degree of Master of Education (Pass) shall proceed—

(a) primarily by coursework in accordance with Resolution 3; or

(b) primarily by research and thesis in accordance with Resolution 4.

(2) A candidate for the degree of Master of Education (Honours) shall proceed primarily by research and thesis in accordance with Resolution 4.

(3) A candidate may be accepted by the Board of Studies on a probationary basis for a period not exceeding twelve months and, upon completion of this probationary period, the Board shall review the candidate's work and either confirm the candidate's status or terminate the candidature.

(4) In the case of a candidate accepted on a probationary basis under subsection (3), the candidature shall be deemed to have commenced from the date of such acceptance.

3. (1) A candidate for the degree of Master of Education (Pass) proceeding primarily by coursework shall either—

(a) complete three full year courses or their equivalent prescribed by the Board of Studies on the recommendation of the Head of the Department of Education and complete an essay as prescribed by the Board of Studies on a topic approved by the Head of the Department of Education; or

(b) complete four full year courses or their equivalent prescribed by the Board of Studies on the recommendation of the Head of the Department of Education.

(2) Subject to the provisions of Chapter XXVIA of the By-laws, the Board of Studies may exempt from completing the remaining course or courses or their equivalent prescribed in subsection (1) a candidate who has successfully completed at least two of the full year courses or their equivalent where such candidate is unable to complete further seminars and the Board of Studies shall require a candidate granted such exemption instead to complete an approved programme of reading and examinations on this reading.

(3) Students proceeding in accordance with subsection (1)(a) shall lodge with the Registrar two copies of the essay, typewritten and bound, by 1st February of the year in which the candidate proposes to take the degree.

(4) The Head of the Department of Education shall report the results of the examination of the coursework or equivalent and of the essay to the Board of Studies which shall determine the result of the candidature.

4. (1) A candidate proceeding primarily by research and thesis shall—

(a) complete a thesis on a topic approved by the Board of Studies on the recommendation of the Head of the Department of Education; and

(b) complete two full year courses or their equivalent prescribed by the Board of Studies on the recommendation of the Head of the Department of Education; and

(c) lodge with the Registrar by 1st February of the year in which the candidate proposes to take the degree three copies of the thesis typewritten, bound and incorporating an abstract of the thesis together with three separate copies of the abstract.

(2) Candidates for the degree of Master of Education (Honours) may, in circumstances approved by the Board of Studies on the recommendation of the Head of the Department of Education, be exempted from one or both of the courses prescribed in subsection 1(b).

(3) Candidates may in appropriate circumstances be permitted by the Board of Studies on the recommendation of the Head of the Department of Education to substitute an approved programme of reading and examinations on that

reading for not more than half the coursework requirements.

(4) The Board of Studies, on the recommendation of the Head of the Department of Education, shall appoint at least two examiners of the thesis.

(5) In special cases the Board of Studies, on the recommendation of the Head of the Department of Education, may require the candidate to take a written examination in the area of the thesis.

(6) The examiners shall report to the Board of Studies on the thesis, the Head of the Department of Education shall report to the Board of Studies on the coursework, and the Board of Studies, on the recommendation of the Head of the Department of Education, shall determine the result of the candidature based on the candidate's total academic performance for the degree.

5. The Board of Studies shall appoint, on the recommendation of the Head of the Department of Education, a full-time member of the University academic staff to act as supervisor of each candidate.

6. (1) A thesis lodged by a candidate shall be accompanied by a certificate from the supervisor stating that, in the opinion of the supervisor, the form of presentation of the thesis is satisfactory.

(2) The candidate may not present as the thesis or essay any work which has been presented for a degree at this or another tertiary institution but the candidate will not be precluded from incorporating such in the thesis or essay, provided that the part which has been incorporated is indicated.

7. (1) A full-time candidate shall not present himself for the award of the degree earlier than the end of the third term of candidature.

(2) A part-time candidate shall not present himself for the award of the degree earlier than the end of the sixth term of candidature.

(3) Except with the permission of the Board of Studies, all the requirements for the degree must be completed within twelve terms of first admission to candidature.

(4) Time spent by a candidate in advanced study in the University of Sydney, or in another University, or in another institution which may be deemed by the Board of Studies to be equivalent, before admission to candidature may be deemed by the Board of Studies to be time spent after such admission.

8. There shall be an annual review of the progress of each candidate after which the Board of Studies may:—

(1) on the recommendation of the Head of the Department of Education call upon any candidate to show cause why his candidature should not be terminated by reason of unsatisfactory progress towards completion of the degree; and

(2) where, in the opinion of the Board of Studies, the candidate does not show good cause, terminate the candidature.

9. Where the Head of the Department of Education is required to make a recommendation to the Board of Studies in respect of any person's candidature, the recommendation shall be made only after consultation with the supervisor of the candidate concerned.

10. (1) Where a candidate has been permitted to revise and resubmit a thesis for the degree of Master of Education (Honours), the degree shall not be awarded with first-class honours.

(2) Subject to section 16 of Chapter XB of the By-laws and unless the candidate already holds the degree of Master of Education (Pass), a candidate for the degree of Master of Education (Honours) may be awarded the degree of Master of Education (Pass).

DIPLOMA IN EDUCATION

In accordance with section 18 of Chapter XB of the By-laws the following Resolutions governing candidature for the Diploma in Education have been prescribed by the Senate:—

1. The Diploma in Education shall be awarded in two grades, Pass, and, in the case of outstanding candidates, Pass with Merit.

2. An applicant for admission to candidature for the Diploma in Education shall apply in writing to the Registrar for admission.

3. A candidate for the Diploma in Education shall—

either

(a) except with the permission of the Board of Studies, complete the requirements for the Diploma in one year of full-time study subsequently to the completion of the requirements for the award of the degree or equivalent qualification on the basis of which admission to candidature for the Diploma was granted;

or

(b) complete the requirements for the Diploma concurrently with the completion of the requirements for the award of the degree of the University of Sydney of Bachelor of Arts, Bachelor of Science or Bachelor of Economics.

4. (1) A candidate proceeding in accordance with Resolution 2 (a) shall complete work in—

(a) Foundational Studies in Education;
(b) Curriculum Studies; and
(c) Practical Teaching.

(2) A candidate proceeding in accordance with Resolution 2 (b) shall complete the professional courses Secondary Education I, II, and III and these courses shall include work in—

(a) Foundational Studies in Education;
(b) Curriculum Studies; and
(c) Practical Teaching.

5. Except with the permission of both the Board of Studies and the Dean of the Faculty concerned, and subject to Resolution 5, a candidate proceeding in accordance with Resolution 2 (b) shall complete the following courses:—

Years I and II

(1) (a) (i) in the case of a candidate for the Pass degree of Bachelor of Arts, at least six courses selected from those prescribed for that degree;

(ii) in the case of a candidate for the Honours degree of Bachelor of Arts, five courses selected from those prescribed for that degree;

(b) in the case of a candidate for the degree of Bachelor of Science, Junior and Intermediate courses selected from those prescribed for that degree with a total number of units of at least 44, of which at least 16 units shall be for Intermediate Normal, Intermediate Long or Intermediate Combined courses;

(c) in the case of a candidate for the degree of Bachelor of Economics, courses with a total number of units of at least 46, including at least 16 units from Inter-

mediate courses, selected from those prescribed for that degree; and

(2) Secondary Education I, provided that this course shall be taken in Year II.

Year III

(1) (a) in the case of a candidate for the degree of Bachelor of Arts, a Third-Year course prescribed for that degree;

(b) in the case of a candidate for the degree of Bachelor of Science, a Senior or Senior Advanced course prescribed for that degree;

(c) in the case of a candidate for the degree of Bachelor of Economics, a Senior Normal or Senior Advanced course prescribed for that degree;

(2) Secondary Education II; and

(3) where required by the Resolutions of the Senate relating to the degree—

(a) in the case of a candidate for the degree of Bachelor of Arts, a First-Year, Second-Year or Third-Year course prescribed for that degree;

(b) in the case of a candidate for the degree of Bachelor of Science, a Junior or Intermediate course prescribed for that degree;

(c) in the case of a candidate for the degree of Bachelor of Economics, a Junior Normal, Intermediate Normal or Senior Normal course prescribed for that degree.

Year IV

(1) Such one course, if any, as may in the case of that candidate be necessary to complete the requirements for the award of the degree of Bachelor of Arts, Bachelor of Science or Bachelor of Economics; and

(2) Secondary Education III.

6. Where the Diploma is to be completed concurrently with completion of the requirements for the award of the Honours degree of Bachelor of Arts or Bachelor of Economics, the candidate may complete all the requirements for the award of the Honours degree as determined by the Resolutions of the Senate for that degree before enrolling in Secondary Education III.

7. A candidate proceeding in accordance with Resolution 2 (b) shall not be awarded the Diploma until he has completed all the requirements for both the Bachelor's degree and the Diploma.

8. A candidate whose conduct or work in relation to the courses for the Diploma is unsatisfactory may, on the recommendation of the Head of the Department of Education, be refused permission by the Board of Studies to undertake or continue practical work in the schools.

BY-LAWS CHAPTER XC

[Repealed.]

Degrees and Diploma in Music

BY-LAWS CHAPTER XD

1. The degrees and diploma in Music shall be—

(a) Bachelor of Music (B.Mus.);

(b) Master of Music (M.Mus.);

(c) Doctor of Music (D.Mus.); and

(d) Diploma in Musical Composition (Dip.Mus.Comp.).

2. (1) The award of the degrees and diploma shall be supervised by a Board of Studies in Music consisting of—

(a) the Chairman of the Academic Board;

(b) the Dean of the Faculty of Arts;

(c) the Professors, Readers, Associate Professors, Senior Lecturers, Lecturers and Senior Tutors being full-time permanent or full-time temporary members of the teaching staff in the Department of Music;

(d) not more than four other persons appointed by the Academic Board;

(e) not more than two other persons who are members of the Faculty of Arts appointed by the Academic Board on the recommendation of the Faculty of Arts;

(f) not more than two students, at least one of whom is an undergraduate student, elected in the manner and for the period prescribed by resolution of the Senate;[1] and

(g) not more than three persons distinguished in the field of music, appointed by the Senate on the nomination of the Chairman of the Board with the approval of the Board and the Academic Board.

(2) A person appointed to the Board under subsection (1)(d), (e) or (g) shall hold office for a period of 2 years commencing on 1st January following that appointment and shall, if otherwise qualified, be eligible for re-appointment.

(3) Notwithstanding subsection (2), the persons first appointed to the Board under subsection (1)(g) shall hold office for a period of 1 year commencing on 1st January following that appointment and shall be eligible for re-appointment.

(4) At any meeting of the Board, 5 members shall form a quorum.

3. The Board shall at a meeting in Lent Term in every alternate year, elect one of its members as Chairman for the ensuing two years.

[1] See Senate Resolutions following Chapter VIII.

If the office becomes vacant by death, resignation, or otherwise, before the expiration of the full term, a successor shall be elected at a duly convened meeting of the Board to be held as soon as conveniently may be, and the Chairman so elected shall hold office during the remainder of the term.

4. The Board—

(a) shall supervise the teaching in the subjects with which the Board is concerned;

(b) shall be responsible, with the assistance of such examiners as the Academic Board may, on the report of the Board or of the Chairman, from time to time appoint, for the conduct of examinations in those subjects;

(c) shall take cognisance of and encourage scholarship and research in those subjects;

(d) shall consider and report upon all matters referred to it by the Senate or by the Vice-Chancellor or by the Academic Board;

(e) may consider and report to the Academic Board upon all matters relating to the studies, lectures and examinations for the degrees.

BACHELOR OF MUSIC

5. A candidate shall, before beginning courses qualifying for graduation, have matriculated in accordance with Chapter XX of these By-laws.

6. (1) The degree shall be awarded in two grades, namely the Pass degree and the Honours degree.

(2) There shall be three classes of Honours, namely Class I, Class II and Class III, and within Class II there shall be two Divisions, namely Division 1 and Division 2.

7. Subject to section 8, a candidate for the degree shall complete such requirements for the degree as may be prescribed by resolution of the Senate from time to time on the recommendation of the Academic Board and the Board of Studies.[1]

8. (1) Subject to subsection (2), a candidate for the degree who commenced his candidature before 1st January, 1976—

(a) may elect to continue towards the degree in accordance with the By-laws in force immediately before that day; and

(b) where he so elects, shall complete the requirements for the degree on or before 31st December, 1979, or such later date as the Board of Studies may, in special circumstances, approve.

(2) A candidate, who, in accordance with subsection (1) is permitted to complete the requirements for the degree after 1st January, 1980, shall complete the requirements for the degree under such conditions as may be determined by the Chairman of the Board of Studies.

MASTER OF MUSIC

9. (1) The degree shall be awarded in two grades, namely the Pass degree and the degree with Honours. There shall be two classes of Honours, namely, Class I and Class II.

(2) Each candidate shall be admitted for the degree with Honours but a candidate failing to attain the standard required by the Board for Honours may be awarded a Pass degree.

(3) There shall be no re-examination for Honours.

(4) The candidate who at the final examination most distinguishes himself shall, if he possesses sufficient merit, receive a bronze medal.

10. (1) An applicant for admission as a candidate for the degree shall—

(a) except as provided in Chapter XXVIA or subsection (2) of these By-laws, be a Bachelor of Music of the University of Sydney with First- or Second-Class Honours, and

(b) submit for the approval of the Head of the Department of Music—

(i) the subject of a thesis,
or

(ii) a proposal for one or more original compositions of a substantial nature, and the subject of a short thesis,
or

(iii) a proposed plan of instrumental study leading to one or more instrumental performances in public, and the subject of a short thesis.

(2) An applicant who is a Bachelor of Music of the University of Sydney but who has not obtained the degree with First- or Second-Class Honours may be admitted as a candidate provided he produces evidence to the satisfaction of the Board of having completed equivalent work.

(3) An applicant who is a graduate of the University of Sydney, other than a graduate holding a degree supervised by the Board of Studies in Music, may be admitted to candidature for the degree of Master of Music only with the special permission of the Board of Studies in Music.

11. A candidate shall complete such requirements for the degree as may be prescribed by resolution of the Senate on the recommendation of the Academic Board and the Board of Studies in Music.

DEGREE OF DOCTOR OF MUSIC

12. The degree of Doctor of Music shall be awarded on the recommendation of the Board of Studies in Music either:

(a) for a major musical work or works of the candidate's own composition, or

(b) for published work being a record of original research undertaken by the candidate, which in the opinion of the examiners is and has been generally recognised by competent authorities as of distinguished merit.

13. A candidate for the degree of Doctor of Music shall either—

(a) have held the degree of Bachelor of Music of the University of Sydney for at least five years; or

(b) (i) have held for at least five years the degree of Bachelor of Music or a degree or other qualification of another university or institution determined by the Academic Board on the recommendation of the Board of Studies to be equivalent to the degree of Bachelor of Music of the University of Sydney; and

(ii) have had such continuing association with the academic work of the University of Sydney and over such period as the Academic Board on the recommendation of the Board of Studies shall determine is appropriate.

14. (1) A candidate shall submit to the Registrar five copies of the work which he wishes to have examined. In the case of original research the candidate shall state the sources from which his information was derived, the extent to which he has availed himself of the work of others, and the portion of the work he claims as original.

[1] See Senate Resolutions this chapter.

(2) Where the work submitted incorporates work previously submitted for a degree in this or any other university, the candidate shall clearly indicate which portion of the work was so submitted.

15. On receipt of a report from the Board of Studies in Music that the work submitted is *prima facie* worthy of examination for the degree and of a recommendation concerning the examiners to be appointed, the Academic Board shall appoint at least three examiners, of whom at least one shall normally be a member of the Board of Studies in Music, and of whom at least *two shall be external examiners.*

16. A candidate shall not be recommended for the degree unless the examiners report that the work submitted fulfils the conditions laid down in section 15.

17. On the award of the degree, the Registrar shall lodge one copy of the musical work or works, or published work, with the Librarian.

DIPLOMA IN MUSICAL COMPOSITION

18. (1) The Board of Studies may admit to candidature for the Diploma in Musical Composition an applicant—

(a) who is a graduate of the University of Sydney; and

(b) who has completed studies in music to the satisfaction of the Head of the Department of Music.

(2) The Academic Board, on the recommendation of the Board of Studies, may admit to candidature for the Diploma in Musical Composition an applicant—

(a) who holds—

(i) a degree or other qualification of a university other than the University of Sydney; or

(ii) a qualification of an institution other than a university, that, in either case, is deemed by the Academic Board, on the recommendation of the Board of Studies to be the equivalent of a degree of the University of Sydney;

and

(b) who has completed studies in music to the satisfaction of the Head of the Department of Music.

19. A candidate shall complete such requirements for the Diploma in Musical Composition as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board and the Board of Studies.

RESOLUTIONS OF THE SENATE

BACHELOR OF MUSIC

Pursuant to Chapter XD, section 7 of the By-laws, the following Resolutions governing candidature for the degree of Bachelor of Music have been prescribed by the Senate.

1. In these Resolutions:

(1) the term 'course' means a prescribed course of study extending over one academic year.

(2) the term 'unit' means a prescribed part of a course;

(3) a course or unit shall consist of such lectures, tutorial instruction, essays, exercises or vocal, instrumental or compositional work as may be required by the Head of the Department of Music under the general supervision of the Board of Studies in Music;

(4) 'to complete a course or unit' and derivative expressions mean:

(a) to complete satisfactorily the work of the course or unit as specified in 1 (3);

(b) to pass the tests and examinations of the course or unit.

(5) in a course or unit work of a standard higher than that required for Pass may be recognised by the award of High Distinction, Distinction or Credit;

(6) a candidate who has been prevented by duly certified illness or misadventure from satisfactorily completing a course or unit, or a candidate about whose performance the examiners are in doubt, may be further tested in such way as the Head of the Department of Music, subject to any decision of a meeting of the Board of Examiners, shall determine.

2. A candidate who has completed a course or unit shall be held to have so far qualified for the degree.

3. In these Resolutions:

(1) the Roman numeral I, II, or III placed immediately after the name of a subject means the First Year, Second Year, or Third Year course respectively in that subject;

(2) the Arabic numeral 1, 2 or 3 placed immediately after the name of the subject means the first, second or third unit respectively in that subject.

4. A candidate may not commence course III or unit 3 of a subject before having completed course II or unit 2, nor may a candidate commence course II or unit 2 before having completed course I or unit 1, except that:

(1) a candidate who has completed one or more of the units of B.Mus. II as set out in Resolution 9 may be credited with those he has completed and may commence appropriate B.Mus. III units; and

(2) a candidate who has completed one or more of the units of B.Mus. III as set out in Resolution 10 and Table A may be credited with those he has completed and may complete the remaining units in subsequent years.

(3) in special cases a candidate may be permitted by the Board of Studies to take the unit Advanced Counterpoint and Harmony 2 concurrently with the unit Advanced Counterpoint and Harmony 1; and

(4) in special cases a candidate may be permitted by the Board of Studies to take the unit Composition 2 concurrently with the unit Composition 1.

4A. Except with the permission of the Board of Studies, a candidate taking the unit Advanced Counterpoint and Harmony 1 shall take concurrently the course Music II unless that course has been previously completed.

5. (1) Candidates who do not pass the tests and examinations of a course or unit, or who otherwise have not succeeded in completing a course or unit as specified in Resolution 1 (4), and who wish to take that course or unit again, shall, unless exempted by the Chairman of the Board of Studies on the recommendation of the Head of the Department of Music, again attend all lectures and other classes and do again all other work prescribed for the course or unit.

(2) Candidates who take a course or unit again shall not be eligible for any prize or scholarship awarded in connection with that course or unit.

(3) Candidates who have completed a course or unit may not take that course or unit again.

6. (1) A candidate for the degree of Bachelor of Music who holds another degree or a diploma of the University of Sydney or of another institution approved by the Board of Studies may be given

credit by the Board of Studies in Music towards the degree for not more than four of the courses set out in Resolution 7 provided that the candidate has completed for the previous degree or diploma a course or courses considered by the Board of Studies to be equivalent to those in Resolution 7.

(2) A candidate for the degree of Bachelor of Music who has completed a course or courses in a faculty or under another board of studies of the University of Sydney may be given credit by the Board of Studies in Music towards the degree for such courses set out in Resolution 7 as have been completed, provided that the candidate is no longer counting the courses to be credited towards another degree or a diploma.

(3) A candidate for the degree who has completed a course or courses as a candidate for a degree or a diploma of another institution approved by the Board of Studies may be given credit by the Board of Studies in Music towards the degree of Bachelor of Music for not more than four of the courses set out in Resolution 7 provided that the courses for which credit is to be given are considered to be equivalent to those in Resolution 7 and that the candidate is no longer counting those courses towards the other degree or a diploma.

7. A candidate for the Pass degree shall, within five academic years or such longer period as the Board of Studies may in special circumstances permit, complete the following courses unless granted credit in accordance with Resolution 6:

(1) Music I[1], II and III;

(2) Three courses from those listed in the Table of Courses attached to the Resolutions of the Senate relating to the degree of Bachelor of Arts, of which at least one shall be an elementary course or a First Year course in a language other than English, and one shall be a Second Year course;

(3) B.Mus. I, II and III.

8. The course B.Mus. I shall consist of one unit, being either Composition 1 or Performance 1.

9. The course B.Mus. II shall consist of four units, of which one shall be either Composition 2 or Performance 2 or Composition 1 or Performance 1, and of which three are compulsory units namely Advanced Counterpoint and Harmony 1, Orchestration 1, and Keyboard 1.

10. The course B.Mus. III shall consist of six units in Composition or Performance or Musicology as laid down in Table A.

11. A candidate may not take more than four courses in any one academic year.

12. A candidate for the Honours degree shall complete a final Honours Year in music.

13. In order to qualify for admission to the final Honours Year in Music a candidate shall:

(a) have qualified for the award of the Pass degree and, except with the permission of the Board of Studies, have gained results of Credit or better in the courses Music I, II and III and in at least half of the units taken as part of the courses B.Mus I, II and III;

(b) be considered by the Board of Studies on the recommendation of the Head of the Department of Music to have the requisite knowledge and aptitude for the final Honours Year; and

(c) except with the permission of the Board of Studies, be of not more than four years' standing from the date of first enrolment as a candidate for the degree.

14. (1) There shall be no re-examination for Honours in Music.

(2) A candidate who shall have most distinguished himself in the final Honours Year course shall, if he has obtained Honours Class I, and if he possesses, in the opinion of the Board of Studies, sufficient merit, receive a Bronze Medal.

TABLE A [*See Resolution 10 for the BMus degree*]

Composition	*Performance*	*Musicology*
Advanced Analysis 1	Advanced Analysis 1	Advanced Analysis 1
Acoustics	Acoustics	Acoustics
Keyboard 2	Keyboard 2	Keyboard 2
Orchestration 2	Orchestration 2 or Composition 1 or 2, or 1 Seminar Subject	Musicological Method
Advanced Counterpoint and Harmony 2	1 Seminar Subject	Palaeography 1
Composition 3 or 2, or Performance 1	Performance 3 or 2, or Composition 1	Orchestration 2 or Composition 1 or 2 or Performance 1 or 2, or 1 Seminar Subject

[1] The First Year course in Music prescribed for the degree of Bachelor of Music may not be taken unless at least the 61st percentile in the 3 unit course or at least the 71st percentile in the 2 unit course has been achieved at the Higher School Certificate examination. People seeking entry without this qualification must satisfy the Head of the Department of Music that they possess equivalent qualifications. In addition a test* in Musical Composition or Instrumental or Vocal Performance supervised by the Head of the Department of Music must be satisfactorily completed by all applicants seeking to enrol in the Bachelor of Music degree course.

* *Note* The form of the tests in Musical Composition and Vocal or Instrumental Performance shall be prescribed each year by the Board of Studies in Music. The test will be administered to all applicants who receive an offer of a place in the Bachelor of Music degree course before they are permitted to enrol in the course.

MASTER OF MUSIC

In accordance with section 11 of Chapter XD of the By-laws, the Senate has prescribed the following resolutions for the degree of Master of Music:

1. A candidate for the degree of Master of Music shall—

(a) except with the permission of the Board of Studies, attend such courses and pass such examinations, written or oral, as the Board of Studies may prescribe, and

(b) submit for the approval of the Head of the Department of Music—
(i) the subject of a thesis, or
(ii) a proposal for one or more original compositions of a substantial nature, and the subject of a short thesis, or
(iii) a proposed plan of instrumental study leading to one or more instrumental performances in public, and the subject of a short thesis.

2. (1) A full-time candidate shall complete the requirements for the degree not earlier than the end of the third term of candidature and, except with the permission of the Board of Studies on the recommendation of the Head of the Department of Music, not later than the end of the ninth term of candidature.
(2) A part-time candidate shall complete the requirements for the degree not earlier than the end of the sixth term of candidature and, except with the permission of the Board of Studies on the recommendation of the Head of the Department of Music, not later than the end of the eighteenth term of candidature.

3. The Board of Studies, on the recommendation of the Head of the Department of Music, shall appoint at least two examiners of whom at least one shall normally be an external examiner.

4. (1) The reports of the examiners shall be transmitted to the Head of the Department of Music who shall make them available to the Professor of Music, if the Professor is not the Head of the Department, and the Supervisor.
(2) The Head of the Department of Music shall transmit these reports to the Board of Studies together with a recommendation concerning the award of the degree and the Board of Studies shall determine the result of the candidature.

5. Time spent by a candidate in advanced study in the University of Sydney, or in another University, or in another institution which may be deemed by the Board of Studies to be equivalent, before admission to candidature may be deemed by the Board of Studies to be time spent after such admission.

6. The Board of Studies in Music may—
(a) on the recommendation of the Head of the Department of Music, call upon any candidate to show cause why that candidature should not be terminated by reason of unsatisfactory progress towards completion of the degree; and
(b) where, in the opinion of the Board of Studies, the candidate does not show good cause, terminate the candidature.

DIPLOMA IN MUSICAL COMPOSITION

Pursuant to Chapter XD, section 21 of the By-laws, the following resolutions governing candidature for the Diploma in Musical Composition have been prescribed by the Senate:

1. A candidate for the Diploma shall—
(a) complete such courses of study and seminars and participate in such composition and performance activities as the Board of Studies, on the recommendation of the Head of the Department of Music, may prescribe; and
(b) submit two or more original compositions.

2. The compositions submitted in accordance with resolution 1 (b) shall be accompanied by a declaration by the candidate that they are the candidate's own work and that they were begun and completed during the period of his candidature for the Diploma.

3. Except with the permission of the Board of Studies, a candidate shall complete the requirements for the Diploma in one year of full-time study.

4. The Head of the Department of Music shall report the results of the examination of the courses of study and seminars, of the composition and performance activities and of the original compositions to the Board of Studies which shall determine the result of the candidature.

RESOLUTIONS OF THE ACADEMIC BOARD

CREDIT FOR WORK COMPLETED ELSEWHERE

For the degree of Bachelor of Music

1. A candidate for the degree of Bachelor of Music, who, having qualified to matriculate in the University of Sydney prior to commencing the Second Year of the course for the Diploma of the New South Wales Conservatorium of Music—
(a) has obtained the Diploma, and
(b) has completed at least two of the courses from the Faculty of Arts as prescribed for students in the First and Second Years of the course for the degree of Bachelor of Music,

may be admitted to the Third Year (B.Mus.) course in Music provided that he completes satisfactorily in the University of Sydney an examination equivalent in standard to the examination in the Second Year (B.Mus.) course in Music. A candidate who has not completed the three courses from the Faculty of Arts may be permitted by the Board of Studies in Music to take the third year concurrently with the Third Year (B.Mus.) course in Music.

2. A candidate for the degree of Bachelor of Music who, having qualified to matriculate in the University of Sydney prior to commencing the Second Year of the course for the Diploma of the New South Wales Conservatorium of Music, has successfully completed the first two years of the course for the Diploma, may be granted credit for the First Year (B.Mus.) course in Music provided that he completes satisfactorily in the University of Sydney an examination equivalent in standard to the examination in the First Year (B.Mus.) course in Music.

3. A candidate seeking the exemption mentioned in 1. or 2. above shall produce evidence of having the required qualifications to the satisfaction of the Board of Studies in Music.

Degrees in Social Studies

BY-LAWS CHAPTER XE

1. The degrees in Social Studies shall be—
   (i) Bachelor of Social Studies (B.Soc.Stud.);
   (ii) Master of Social Studies (M.Soc.Stud.).
2. (1) The award of the degrees shall be supervised by a Board of Studies in Social Work which shall be constituted as follows:
   (i) the Professors, Readers, Associate Professors, Senior Lecturers, Lecturers, Principal Tutors[1], Senior Tutors, Assistant Lecturers and Tutors being full-time permanent or full-time temporary members of the teaching staff in the Department of Social Work;
   (ii) the Dean of the Faculty of Arts or his nominee;
   (iii) the Heads of and the Professors in the Departments of Anthropology, Behavioural Sciences in Medicine, Community Medicine, Education, Government and Public Administration, Paediatrics and Child Health, Preventive and Social Medicine, Psychiatry and Psychology;
   (iv) not more than 3 students, undergraduate or postgraduate, elected in the manner prescribed by Senate Resolution[2];
   (v) not more than 5 part-time members of the teaching staff in the Department of Social Work appointed by the Senate on the recommendation of the persons referred to in clauses (i) to (iv); and
   (vi) not more than eight persons appointed by the Senate on the recommendation of the persons referred to in clauses (i) to (iv) above, of whom at least five persons shall be associated with the professional teaching of the Department.

   (2) The members appointed in accordance with subsection (1) (v) or (vi) shall hold office for a period of 2 years commencing on 1st January following their appointment, except that the members appointed in December, 1980, shall hold office until 31st December, 1982.

   (3) Members shall be eligible for re-appointment or re-election.

   (4) At any meeting of the Board of Studies, eight members shall form a quorum.

[1] The Senate has approved an amendment of these by-laws to remove all reference to the discontinued grade of Principal Tutor.
[2] See Senate Resolutions following Chapter VIII.

3. (1) The Board of Studies shall—
   (a) supervise the teaching and examining in such subjects as may be provided by the Department of Social Work and prescribed by Resolution of the Senate,
   (b) be responsible for the conduct of examinations in those subjects with the assistance of such examiners as the Academic Board may, on the recommendation of the Board of Studies or of the Chairman of the Board of Studies, from time to time appoint,
   (c) take cognisance of and encourage scholarship and research in those subjects,
   (d) consider and report upon all matters referred to it by the Senate, the Academic Board or the Vice-Chancellor.

   (2) The Board of Studies may consider and report to the Academic Board on all matters relating to the degrees.

4. The Board shall, at its first meeting in every second year, elect as Chairman a member of the Board of Studies who is a Head of a Department or a professor referred to in section 2(1)(iii) and who shall hold office for a period of two years.

DEGREE OF BACHELOR OF SOCIAL STUDIES

5. (1) The degree shall be awarded in two grades, namely, the Pass degree and the Honours degree.

   (2) There shall be three classes of Honours namely, Class I, Class II and Class III. Within Class II there shall be two divisions namely, Division 1 and Division 2.

6. A candidate for the degree shall subsequent to matriculation complete such requirements for the degree as may be prescribed by Resolution of the Senate on the recommendation of the Academic Board and the Board of Studies.

DEGREE OF MASTER OF SOCIAL STUDIES

7. (1) The degree shall be awarded in one grade only but may be awarded in two classes, namely, a Pass or, where in the opinion of the Board a candidate has attained a specially meritorious pass, a Pass with Merit.

   (2) The candidate who at the final examination most distinguishes himself shall, if he has shown outstanding merit, receive a bronze medal.

8. An application for admission as a candidate for the degree shall, except as provided in Chapter XXVIA of these By-laws—
   (a) either
      (i) be a Bachelor of Social Studies of the University of Sydney with first-class or second-class Honours, or
      (ii) being a Bachelor of Social Studies of the University of Sydney without first-class or second-class Honours, either produce evidence to the satisfaction of the Board of having completed equivalent work or pass a preliminary examination, or
      (iii) be a Bachelor of Arts with a Diploma in Social Work, both from the University of Sydney, and (1) have completed work deemed by the Board to be equivalent to that required for the degree of Bachelor of Social Studies and (2) pass a preliminary examination,
      and
   (b) produce evidence to the satisfaction of the Board of having been engaged in the professional practice of social work for a mini-

mum period of one year full-time or an equivalent period part-time.

9. A candidate for the degree shall complete such requirements for the degree as may be prescribed by resolution of the Senate on the recommendation of the Academic Board and the Board of Studies.

RESOLUTIONS OF THE SENATE

BACHELOR OF SOCIAL STUDIES

In accordance with Chapter XE, section 6 of the By-laws, the following Resolutions governing candidature for the degree of Bachelor of Social Studies have been prescribed by the Senate:

1. (1) A course shall consist of such lectures, seminars, tutorials, essays, exercises, field-work and practical work as may be prescribed by the Board of Studies in Social Work.

(2) In these Resolutions 'to complete a course' and derivative expressions mean—

(a) to attend the lectures, seminars and tutorials, if any;

(b) to complete satisfactorily the essays, exercises, field-work and the practical work, if any; and

(c) to pass the examinations of the course.

2. (1) An examination shall be held at the end of each course.

(2) A candidate may be tested by written and oral examination, exercises, essays, field-work or practical work or any combination of these in determining the results of the examination.

(3) A course completed at a standard higher than that required for a pass may be recognised by the award of High Distinction, Distinction or Credit.

3. A candidate who has been prevented by duly certified illness or misadventure from sitting for the whole or part of the examinations of a course may be tested at such times and in such a way as the Board of Studies shall determine.

4. Unless exempted by the Head of the Department of Social Work a candidate who repeats a course which he has failed shall complete that course in accordance with section 1.

5. A candidate who repeats a course shall not be eligible for any prize or scholarship awarded in connection with that course.

5A. A candidate who has been enrolled for the degree of Bachelor of Social Studies or has been enrolled concurrently for the degrees of Bachelor of Arts and Bachelor of Social Studies but has not re-enrolled for a period of two or more consecutive years shall complete the degree of Bachelor of Social Studies under such conditions as the Board of Studies may determine.

Pass degree

6. (1) Except as provided in section 7, a candidate for the degree shall complete the following courses and associated field-work:

(i) In the First and Second Years—

(a) Psychology I and II,

(b) two First Year courses chosen from the following—

(1) Anthropology I
(2) Economic History I
(3) Economics I or The Australian Economy
(4) Government I
(5) History I
(6) Philosophy I
(7) a First Year course prescribed for the degree of Bachelor of Arts in a modern foreign language for which the candidate has obtained the approval of the Board of Studies; and
(8) one other First Year course prescribed for the degree of Bachelor of Arts for which the candidate has obtained the approval of the Board of Studies;

(c) one Second Year course chosen from the following—

(1) Anthropology II
(2) Economic History II
(3) Economics II
(4) Economics II(P)
(5) Education II
(6) Government II
(7) History II
(8) Philosophy II
(9) a Second Year course in a modern foreign language; and
(10) subject to the approval of the Board of Studies, one other Second Year course prescribed for the degree of Bachelor of Arts in a subject in which the candidate has already completed the First Year course;

(d) Social Theory II.

The five courses set out in subsections (a), (b) and (c) shall be completed in accordance with the requirements prescribed by the Faculty of Arts.

(ii) In the Third Year—

(a) Self Through Society I
(b) Social Work Practice I which includes field-work of not less than 68 full working days; and
(c) Social Theory III.

(iii) In the Fourth Year—

(a) Self Through Society II
(b) Social Work Practice II which includes field-work of not less than 98 full working days; and
(c) Social Policy and Provision.

(2) Except with the permission of the Board of Studies a candidate may not proceed to the Third Year or to the Fourth Year of the course until he has completed the courses prescribed for the earlier years.

(3) The Department of Social Work shall be responsible for the selection of the field-work assignments and, in consultation with practitioners who act as field teachers, for the evaluation of the candidate's performance in the field.

6A. (1) Notwithstanding the provisions of Chapter XIXA of the By-laws, a candidate may proceed to the degree of Bachelor of Social Studies at the same time as he is a candidate for the degree of Bachelor of Arts.

(2) (i) Except with the approval of the Board of Studies such a candidate, who is proceeding to the Pass degree of Bachelor of Arts, shall complete the following courses—

(a) Psychology I and II;

(b) two First Year courses chosen from the following—

(1) Anthropology I
(2) Economic History I
(3) Economics I or The Australian Economy
(4) Government I

(5) History I
(6) Philosophy I
(7) a First Year course prescribed for the degree of Bachelor of Arts in a modern foreign language for which the candidate has obtained the approval of the Board of Studies and
(8) one other First Year course prescribed for the degree of Bachelor of Arts for which the candidate has obtained the approval of the Board of Studies;

(c) two Second Year courses, other than Social Theory II, chosen from the Table of Courses annexed to Resolution 20 of the Resolutions of the Senate relating to the degree of Bachelor of Arts, at least one of which shall be chosen from—
(1) Anthropology II
(2) Economic History II
(3) Economics II
(4) Economics II(P)
(5) Education II
(6) Government II
(7) History II
(8) Philosophy II and
(9) a Second Year course in a modern foreign language;

(d) two Third Year courses chosen from the Table of Courses annexed to Resolution 20 of the Resolutions of the Senate relating to the degree of Bachelor of Arts; and

(e) Social Theory II, provided that this course may not be taken until the two courses selected under clause (c) have been completed.

(ii) Except with the approval of the Board of Studies such a candidate who is proceeding to the Honours degree of Bachelor of Arts shall complete the following courses:—
(a) Psychology I and II;
(b) two First Year courses chosen from the following—
(1) Anthropology I
(2) Economic History I
(3) Economics I or The Australian Economy
(4) Government I
(5) History I
(6) Philosophy I
(7) a First Year course prescribed for the degree of Bachelor of Arts in a modern foreign language for which the candidate has obtained the approval of the Board of Studies; and
(8) one other First Year course prescribed for the degree of Bachelor of Arts for which the candidate has obtained the approval of the Board of Studies;

(c) one Second Year course, other than Social Theory II, chosen from the following—
(1) Anthropology II
(2) Economic History II
(3) Economics II
(4) Economics II(P)
(5) Education II
(6) Government II
(7) History II
(8) Philosophy II and
(9) a Second Year course in a modern foreign language;

(d) one Third Year course chosen from the Table of Courses annexed to Resolution 20 of the Resolutions of the Senate relating to the degree of Bachelor of Arts;

(e) Social Theory II, provided that this course may not be taken until the courses selected under clauses (a) and (c) have been completed.

(3) A candidate who has completed the courses prescribed in subsection (2) may proceed to the Third and Fourth Years of candidature for the degree of Bachelor of Social Studies in accordance with Resolution 6.

6B. (1) Resolution 6 shall apply to a candidate for the degree of Bachelor of Social Studies who:—
either
(a) commences candidature after 1 January 1980;
or
(b) having commenced candidature prior to 1 January 1980, has not completed Social Theory II and elects to proceed in accordance with Resolution 6.

(2) Resolution 6A shall apply to a candidate for the combined degrees of Bachelor of Arts and Bachelor of Social Studies who:
either
(a) commences candidature after 1 January 1980;
or
(b) having commenced candidature prior to 1 January 1980, has not completed the course Social Theory II and elects to proceed in accordance with Resolution 6A.

(3) A candidate for the degree of Bachelor of Social Studies who:
(a) commenced candidature prior to 1 January 1980 and
(b) does not elect to proceed in accordance with Resolution 6
shall proceed in accordance with the Resolutions of the Senate relating to that degree in force immediately prior to that date, provided that in 1981 and subsequent years Social Theory III shall be completed in the Third Year and the course referred to in Resolution 6 (1) (ii) (c) of those Resolutions shall be completed in the Fourth Year.

(4) A candidate for the combined degrees of Bachelor of Arts and Bachelor of Social Studies who:
(a) commenced candidature prior to 1 January 1980 and
(b) does not elect to proceed in accordance with Resolution 6A
shall proceed in accordance with the Resolutions of the Senate relating to those degrees in force immediately prior to that date, provided that in 1982 and subsequent years Social Theory III shall be completed in the Third Year of candidature for the degree of Bachelor of Social Studies and the course referred to in Resolution 6 (1) (ii) (c) of those Resolutions shall be completed in the Fourth Year of that candidature.

(5) Any election by a candidate in accordance with subsections (1), (2), (3) or (4) shall be exercised prior to enrolment for the Third Year of candidature for the degree of Bachelor of Social Studies.

7. (1) A graduate of any university or a person with equivalent qualifications obtained in an appropriate institution may be given credit towards the degree for not more than six courses which are considered by the Board of Studies to be equivalent to courses set out in section 6 (1).

(2) A person who has completed work or a course or courses towards a degree in another Faculty of the University of Sydney may be granted credit towards the degree for any number of courses provided that—

(a) the work or the course or courses is considered by the Board of Studies to be equivalent to a course or courses set out in section 6 (1) and

(b) the student formally abandons credit for such work or courses towards that other degree or equivalent qualification.

(3) A person who has completed work or a course or courses towards a degree in any other university or towards an equivalent qualification at an appropriate institution may be granted credit towards the degree for up to six courses provided that the work or the course or courses is considered by the Board of Studies to be equivalent to a course or courses set out in section 6 (1).

(4) (a) In each of the circumstances of the foregoing subsections, where an applicant for admission to candidature has completed any course which is not considered to be equivalent to any course specified in section 6 (1) but which is deemed by the Board of Studies to be an appropriate substitute for any course so specified, the Board of Studies may, in addition to giving credit for any course specified in section 6 (1), permit a candidate to proceed to the Second Year or the Third Year of the course for the degree and to count the First Year or the First Year and the Second Year towards the satisfaction of the requirements for the degree.

(b) A candidate proceeding in accordance with subsection (4) (a) shall complete such supplementary work as the Board of Studies may prescribe.

Honours degree

8. Except with the permission of the Board of Studies, a candidate for the Honours degree shall have obtained High Distinction, Distinction or Credit in at least two of the First Year and Second Year courses listed in section 6 subsections (1) (i) (a), (1) (i) (b) and (1) (i) (c) of these Resolutions and shall have completed all courses for the First Year and the Second Year.

9. (1) Except as provided in subsection (2) application for admission as a candidate for the Honours degree is to be made to the Head of the Department of Social Work before commencing the Third Year.

(2) In a case of special merit the Board of Studies may, on the recommendation of the Head of the Department of Social Work, admit a candidate to the Honours School provided application is made not later than the end of Lent Term of the Third Year.

10. A candidate for the Honours degree shall complete the Third Year and the Fourth Year courses for the Pass degree and shall complete such additional work as the Board of Studies shall prescribe.

11. There shall be no re-examination for Honours.

12. Except with the permission of the Board of Studies, a candidate may not be awarded the Honours degree unless he has completed the requirements for the Third Year and the Fourth Year at the earliest date possible under these resolutions.

13. The candidate who at the final examinations for the Honours degree most distinguishes himself, shall, if he has obtained first-class Honours and has shown outstanding merit, receive a bronze medal.

14. Except with the permission of the Board of Studies and on such conditions as the Board of Studies shall prescribe—

(a) a candidate for the degree of Bachelor of Social Studies proceeding in accordance with Resolution 6 shall complete the requirements for the award of the degree within eight years of first enrolment for the degree;

(b) a candidate for the degrees of Bachelor of Arts and Bachelor of Social Studies proceeding in accordance with Resolution 6A shall complete the requirements for the award of the degrees within ten years of first enrolment for the degrees.

MASTER OF SOCIAL STUDIES

In accordance with section 9 of Chapter XE of the By-laws the following resolutions governing candidature for the degree of Master of Social Studies have been prescribed by the Senate:

1. A candidate for the degree of Master of Social Studies shall proceed by:

(a) research and thesis in accordance with Resolution 2;

(b) coursework, research and thesis, in accordance with Resolution 3; or

(c) coursework and short thesis in accordance with Resolution 4.

2. (1) A candidate proceeding by research and thesis shall:

(a) carry out supervised research on a topic approved by the Board of Studies on the recommendation of the Head of the Department of Social Work;

(b) write a thesis embodying the results of this research; and

(c) lodge with the Registrar three copies of this thesis, typewritten and bound.

(2) The Board of Studies, on the recommendation of the Head of Department, shall appoint at least two examiners of the thesis, of whom at least one shall normally be an external examiner.

(3) The examiners shall report to the Board of Studies which shall determine the result of the examination.

(4) In special cases the Board of Studies, on the recommendation of the Head of the Department of Social Work, may require the candidate to take an examination in the area of the thesis.

3. (1) A candidate proceeding by coursework, research and thesis shall:

(a) attend such courses of study and pass such examinations in each course as the Board of Studies, on the recommendation of the Head of the Department of Social Work, shall prescribe;

(b) complete a thesis on a topic approved by the Board of Studies on the recommendation of the Head of the Department of Social Work; and

(c) lodge with the Registrar three copies of the thesis, typewritten and bound.

(2) The Board of Studies, on the recommendation of the Head of the Department of Social Work, shall appoint at least two examiners of the thesis, of whom at least one may be an external examiner.

(3) The examiners shall report to the Board of Studies which shall determine the result of the examination.

4. (1) A candidate proceeding by coursework and short thesis shall:

(a) attend such courses of study and pass such examinations in each course as the Board of Studies, on the recommendation of the Head of the Department of Social Work, shall prescribe;

(b) complete a thesis on a topic approved by the Board of Studies on the recommendation of the Head of the Department of Social Work;

(c) lodge with the Registrar three typewritten copies of the thesis.

(2) The Board of Studies, on the recommendation of the Head of the Department of Social Work, shall appoint at least two examiners of the thesis, of whom at least one may be an external examiner.

(3) The examiners shall report to the Board of Studies which shall determine the result of the examination.

5. The Board of studies shall appoint, on the recommendation of the Head of the Department of Social Work, a full-time member of the University academic staff to act as supervisor of the candidate.

6. (1) In any thesis lodged by a candidate the candidate shall state generally in a preface and specifically in notes the sources from which the information in the thesis was taken, the extent to which the candidate has made use of the work of others and the portion of the thesis which is claimed as original.

(2) A thesis lodged by a candidate shall be accompanied by a certificate from the supervisor stating whether, in the supervisor's opinion, the form of presentation of the thesis is satisfactory.

7. (1) A full-time or part-time candidate shall not present himself or herself for examination for the degree earlier than the end of the third or sixth term of candidature respectively and, except with the permission of the Board of Studies on the recommendation of the Head of the Department of Social Work, later than the twelfth term of candidature.

(2) Time spent by a candidate in advanced study in the University of Sydney, or in another university, or in another institution which may be deemed by the Board of Studies to be equivalent, before admission to candidature may be deemed by the Board of Studies to be time spent after such admission.

8. The Board of Studies may:

(a) on the recommendation of the Head of the Department of Social Work, call upon any candidate to show cause why the candidature should not be terminated by reason of unsatisfactory progress towards completion of the degree; and

(b) where, in the opinion of the Board of Studies, the candidate does not show good cause, terminate the candidature.

9. Where the Head of the Department of Social Work is required to make a recommendation under Resolutions 2, 3, 4 and 8 above, the Head shall do so only after consultation with the supervisor of the candidate concerned.

10. (1) A candidate may be accepted by the Board of Studies on a probationary basis for a period not exceeding twelve months and on completion of this probationary period, the Board of Studies shall review the candidate's work and shall either confirm the candidate's status or terminate the candidature.

(2) The candidature of a candidate accepted in accordance with subsection (1) shall be deemed to have commenced from the date of such acceptance.

Faculty of Law

BY-LAWS CHAPTER XI

1. (a) The Faculty of Law shall comprise the following persons—
   (i) The Professors, Readers, Associate Professors, Senior Lecturers and Lecturers in the subjects of the curriculum in Law, being full-time permanent and temporary members of the teaching staff,
   (ii) such part-time members of the teaching staff as have responsibility for the general conduct of particular courses in the curriculum in respect of which they are appointed,
   (iii) such Fellows of the Senate as are members of the legal profession,
   (iv) a barrister appointed by the Senate on the nomination of the New South Wales Bar Association,
   (v) a solicitor appointed by the Senate on the nomination of the Law Society of New South Wales,
   (vi) the Dean of the Faculty of Arts,
   (vii) the Dean of the Faculty of Economics,
   (viii) the Dean of the Faculty of Science,
   (ix) a graduate in Law, being enrolled as a candidate for a postgraduate degree or diploma in the Faculty, elected, in a manner prescribed by Resolution of the Senate[1], by such of his fellow candidates as are graduates in Law, provided that—
      (1) the period of membership of a person elected under this paragraph shall be fixed by Resolution of the Senate and shall not exceed one year but such a person, being otherwise qualified, shall be eligible for re-election;
      (2) if a person being a member so elected subsequently becomes a member of the Faculty by virtue of the operation of paragraph (x), or if he ceases to be enrolled as a candidate for a postgraduate degree or diploma in the Faculty, his membership under this paragraph shall immediately terminate;
      (3) if a person being a member of the Faculty by virtue of the operation of paragraph (x) subsequently becomes a member by virtue of the operation of this paragraph and continues to be a member by virtue of both paragraphs for a period of four months, his membership under this paragraph shall thereupon terminate; and
      (4) where a vacancy occurs before the period of membership ends such vacancy may be filled in a manner as prescribed by Resolution of the Senate from time to time;
   (x) the President, for the time being, of the Sydney University Law Society (so long as such Society is recognised by the University) provided that he either is a graduate in Law or is a candidate for the degree of Bachelor of Law in the Faculty;
   (xi) two students, being enrolled as candidates for the degree of Bachelor of Laws in the Faculty but not including a candidate referred to in paragraph (xii), elected, in a manner prescribed by Resolution of the Senate,[1] by their fellow candidates, provided that—
      (1) the period of membership of a person elected under this paragraph shall be fixed by Resolution of the Senate and shall not exceed one year but such a person, being otherwise qualified, shall be eligible for re-election;
      (2) if a person being a member so elected subsequently becomes a member of the Faculty by virtue of the operation of paragraph (x), or if, not having become a graduand or graduate in the Faculty, he ceases to be enrolled as a candidate for the degree of Bachelor of Laws, his membership under this paragraph shall immediately terminate;
      (3) if a person being a member of the Faculty by virtue of the operation of paragraph (x) subsequently becomes a member by virtue of the operation of this paragraph and continues to be a member by virtue of both paragraphs for a period of four months, his membership under this paragraph shall thereupon terminate; and
      (4) where a vacancy occurs before the period of membership ends such vacancy may be filled in a manner as prescribed by Resolution of the Senate from time to time;
   (xii) a student, being enrolled as a candidate for the degree of Bachelor of Arts, Bachelor of Economics or Bachelor of Science and enrolled in the course Legal Institutions or the course Public Law, elected, in a manner prescribed by Resolution of the Senate[1], by students who are enrolled as candidates for the degree of Bachelor of Arts, Bachelor of Economics or Bachelor of Science and who are enrolled in the course Legal Institutions or the course Public Law, provided that—
      (1) the period of membership of a person elected under this paragraph shall be fixed by Resolution of the Senate and shall not exceed one year but such a person, being otherwise qualified, shall be eligible for re-election;

[1] See Senate Resolutions following Chapter VIII.

[1] See Senate Resolutions following Chapter VIII.

(2) if a person being a member so elected subsequently becomes a member of the Faculty by virtue of the operation of paragraph (x), or if, not having become a graduand or graduate in the Faculty candidacy for a degree in which provided a qualification for his election, he ceases to be a candidate for a degree in that Faculty, or if because of discontinuance or failure to enrol he is not proceeding with any one of the courses Legal Institutions, Public Law, Common Law, Contracts or Torts, his membership shall thereupon terminate;

(3) if a person being a member of the Faculty by virtue of the operation of paragraph (x) subsequently becomes a member by virtue of the operation of this paragraph and continues to be a member by virtue of both paragraphs for a period of four months, his membership under this paragraph shall thereupon terminate; and

(4) where a vacancy occurs before the period of membership ends such vacancy may be filled in a manner as prescribed by Resolution of the Senate from time to time;

(xiii) the Dean of the Faculty of Law of the University of New South Wales;

(xiv) the Librarian; and

(xv) the Clerk to the Faculty of Law, provided he is a graduate in Law.

(b) Each of the Deans of the Faculties of Arts, Economics and Science and of the Faculty of Law of the University of New South Wales may appoint a member of his respective Faculty to attend meetings of the Faculty of Law in his place, either for a particular meeting or for any length of time not exceeding his term as such Dean and with full power to speak and vote thereat on his behalf.

(c) The Librarian may, with the Dean's approval, appoint a member of the Library staff to attend meetings of the Faculty of Law in place of the Librarian, either for a particular meeting or for any length of time not exceeding the Librarian's term of appointment as Librarian, with full power to speak and vote thereat on his behalf.

2. There shall be four degrees granted in the Faculty of Law, viz.:—Bachelor of Laws (LL.B.), Master of Laws (LL.M.), Doctor of Philosophy (Ph.D.) and Doctor of Laws (LL.D.).

BACHELOR OF LAWS

3. Candidates for the degree of Bachelor of Laws (LL.B.) shall, before admission to the Law School, produce evidence of having matriculated in accordance with Chapter XX.

4. Candidates for the degree of Bachelor of Laws shall complete such requirements for the degree as may be prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty of Law.

5. A candidate who is proceeding towards the degree of Bachelor of Arts under the former section 25A of Chapter X of these By-laws will be deemed to have satisfied the requirements to have completed the courses for the first year for 5-year candidates in the degree of Bachelor of Laws if he has completed 3 courses, being Legal History or Legal Institutions, Constitutional Law I or Public Law, and Torts.

DOCTOR OF LAWS

6. The degree of Doctor of Laws shall not be conferred except as prescribed in Chapter XIXB of these By-laws.

MASTER OF LAWS

7. (1) The degree of Master of Laws shall be awarded in two grades, namely, the Pass degree and the degree with Honours.

(2) There shall be two classes of Honours, namely, Class I and Class II.

8. Applications for admission to candidature for the degree of Master of Laws shall be made in writing to the Registrar.

9. (1) Except as provided in Chapter XXVIA of these By-laws, an applicant may be admitted to candidature if the applicant has completed the requirements for the degree of Bachelor of Laws of the University of Sydney.

(2) An applicant may only be admitted to candidature under Chapter XXVIA of these By-laws if the applicant is either—

(a) the holder of a degree in law of another university or a college of advanced education; or

(b) a person deemed by the Faculty and by the Academic Board to have standing equivalent to that required of a graduate of the University of Sydney for admission to candidature for the degree of Master of Laws.

10. (1) Applications for admission to candidature shall be lodged with the Registrar and dealt with in the manner prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.

(2) A candidate for the degree of Master of Laws shall complete the requirements for the degree in the manner prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.

DIPLOMAS

11. There shall be three diplomas granted in the Faculty, namely the Diploma in Criminology (Dip. Crim.), the Diploma in Jurisprudence (Dip.Jur.), and the Diploma in Labour Relations and the Law (Dip.Lab. Relations and the Law).

12. Applications for admission to candidature for any of the diplomas shall be made in writing to the Registrar.

13. Admission to candidature for any of the diplomas may be granted—

(a) to an applicant who has completed the requirements for a degree of Bachelor of the University of Sydney;
or

(b) on the recommendation of the Faculty and with the approval of the Academic Board—

(i) to a graduate of another university or tertiary institution; or

(ii) to any person who furnishes evidence which satisfies the Faculty that that person is qualified to enter upon systematic courses of study in the subject matter of the diploma for which that person is an applicant for admission.

14. (1) Applications for admission to candidature to any of the diplomas shall be lodged and dealt with in the manner prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.

(2) A candidate for a diploma shall complete the requirements for the diploma in the manner pre-

scribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.

DOCTOR OF PHILOSOPHY

15. The degree of Doctor of Philosophy (Ph.D.) shall not be conferred except as prescribed in Chapter XIXD of these By-laws.

RESOLUTIONS OF THE SENATE

BACHELOR OF LAWS

Old Resolutions

In accordance with Chapter XI, Section 4 of the By-laws the following Resolutions governing candidature for the degree of Bachelor of Laws have been prescribed by the Senate:

1. (1) These resolutions shall apply—

(a) to a candidate who commences his candidature after 1st January, 1974 and before 1st January, 1980; and

(b) to a candidate who commenced his candidature prior to 1st January, 1974 and who elects to proceed under these resolutions subject to—

(i) the approval of the Dean of the Faculty;

(ii) any direction of the Faculty, and

(iii) the availability of the appropriate courses.

(2) A candidate who elects to complete the requirements for the degree in accordance with subsection (1) (b) shall receive such credit for courses for the degree as the Faculty may prescribe.

(3) Subject to subsection (4) a candidate who does not elect to complete the requirements for the degree in accordance with subsection (1) (b) shall complete the requirements for the degree on or before 31st December, 1978.

(4) A candidate to whom subsection (3) applies and who does not complete the requirements for the degree prior to 31st December, 1978 shall complete the requirements for the degree under such conditions as the Faculty may prescribe.

(5) In the case of any candidate who might be prejudiced by any change in the curriculum the Dean of the Faculty may, subject to any resolutions of the Faculty, give such directions as to attending lectures and passing examinations and give such credit for courses completed as the circumstances may require.

2. (1) A course shall consist of lectures, together with such tutorial instruction, essays, exercises or practical work as may be prescribed.

(2) In these resolutions 'to complete a course' and derivative expressions mean—

(a) to attend the lectures and the meetings, if any, for tutorial instruction;

(b) to complete to the satisfaction of the examiners such essays, exercises, practical work and examinations as may be prescribed.

Law Course

3. (1) Subject to sections 4, 4A, 4B and 4C a candidate for the degree shall complete the following courses:

I. In the First Year—
Contracts
Criminal Law
Legal Institutions
Torts

II. In the Second Year—
Commercial Law I
Federal Constitutional Law
Principles of Equity
Public Law
Real Property

III. In the Third Year—
Commercial Law II
Conflict of Laws
Jurisprudence
Trusts and Succession

IV. In the Fourth Year—
Four of the following courses:
Industrial and Commercial Property
Industrial Law and Labour Relations
Land Dealings
Litigation
Revenue Law
The Family in Society
Comparative Law
Criminology
Law and Social Justice
Legal History
Public International Law
Roman Law

provided that on the recommendation of the Dean—

(i) the Faculty may determine which of the courses will be offered in any particular year, but not so as to reduce below six the number of courses offered;

(ii) the Faculty, with the approval of the Academic Board, may determine to offer in any particular year, a further course or courses but not so as to offer, under this clause, more than two additional courses in any such year;

(iii) the Faculty may allow a candidate credit, instead of a course or courses—

(a) for courses completed under a previous curriculum offering of the Faculty of Law in the University of Sydney;

(b) for law courses in subjects not available in the Faculty of Law in the University of Sydney completed or to be completed at a University.

(2) Subject to section 5, a candidate proceeding in accordance with subsection (1) shall not proceed to the next Year until he has completed all the courses of the preceding Year.

Combined Arts/Law Course

4. (1) This section shall apply to a candidate for the degrees of Bachelor of Arts and Bachelor of Laws under Chapters X and XI of the By-laws.

(2) Such a candidate shall complete in the Faculty of Law:

(a) while enrolled for the degree of Bachelor of Arts under section 25 of the Resolutions of the Senate relating to the degree of Bachelor of Arts, the subjects Legal Institutions, Public Law and Common Law (Comprising Torts and Contracts) and

(b) either after qualifying for admission to the degree of Bachelor of Arts or, with the permission of the Dean of the Faculty of Law, concurrently with qualifying for admission to that degree, the following courses for the degree of Bachelor of Laws:

IV. In the Fourth Year:
Commercial Law I
Criminal Law
Federal Constitutional Law
Principles of Equity
Real Property

V. In the Fifth Year:
Commercial Law II
Conflict of Laws
Jurisprudence
Trusts and Succession

(3) Subject to section 5, a candidate proceeding in accordance with this section shall not proceed to the next Year of study until he has completed all the courses of the preceding Year of study.

Combined Economics/Law Course

4A. (1) This section shall apply to a candidate for the degrees of Bachelor of Laws and Bachelor of Economics under Chapters XI and XVIII of the By-laws.

(2) Such a candidate shall complete in the Faculty of Law:

(a) while enrolled for the degree of Bachelor of Economics under section 9 of the Resolutions of Senate relating to the Degree of Bachelor of Economics, the subjects Legal Institutions, Public Law, Torts and Contracts and

(b) either after qualifying for admission to the degree of Bachelor of Economics or, with the permission of the Dean of the Faculty of Law, concurrently with qualifying for admission to that degree, the following courses for the degree of Bachelor of Laws:

IV. In the Fourth Year:
Commercial Law I
Criminal Law
Federal Constitutional Law
Principles of Equity
Real Property

V. In the Fifth Year:
Commercial Law II
Conflict of Laws
Jurisprudence
Trusts and Succession

(3) Subject to section 5, a candidate proceeding in accordance with this section shall not proceed to the next Year of study until he has completed all the courses of the preceding Year of study.

Graduate Law Course A

4B. (1) This section shall apply to a candidate for the degree of Bachelor of Laws to whom neither section 4 nor section 4A applies and who—

(a) has completed the requirements for either the degree of Bachelor of Arts or the degree of Bachelor of Economics in the University of Sydney; OR

(b) is a member of such class of graduates of the University of Sydney or any other university as may be approved by the Faculty of Law; OR

(c) is a graduate not mentioned in paragraph (a) or paragraph (b) of this sub-section but is granted equivalent status by the Faculty of Law.

(2) After qualifying for admission to a degree mentioned in sub-section (1) hereof such a candidate may be admitted to the Faculty of Law.

(3) Such a candidate shall complete the following courses for the degree of Bachelor of Laws:

I. In the First Year:
Contracts
Criminal Law
Legal Institutions
Torts

II. In the Second Year:
Commercial Law I
Federal Constitutional Law
Principles of Equity
Public Law
Real Property

III. In the Third Year:
Commercial Law II
Conflict of Laws
Jurisprudence
Trusts and Succession

(4) Subject to section 5, a candidate proceeding in accordance with this section shall not proceed to the next Year of study until he has completed all the courses of the preceding Year of study.

Graduate Law Course B

4C. (1) A person who is entitled to proceed as a candidate for the degree of Bachelor of Laws under sections 4, 4A or 4B may elect to proceed instead as a candidate under this section.

(2) Such a candidate shall complete, in addition to the courses mentioned in section 4, section 4A or section 4B as the case may be, four optional courses selected from those mentioned in subsection (1) of section 3 in the paragraph headed 'IV. In the Fourth Year'.

(3) Subject to section 5, the optional courses mentioned in sub-section (2) shall be begun in a separate year in the Faculty of Law after the completion of all other requirements for the degree of Bachelor of Laws.

(4) Subject to section 5, a candidate proceeding in accordance with this section shall not proceed to the next Year of study until he has completed all the courses of the preceding Year of study.

5. In special cases the Dean of the Faculty may in writing vary the order in which courses are to be taken notwithstanding the provision of these or any other Resolutions made under Chapter XI.

6. Unless exempted by the Dean of the Faculty who shall be subject to the direction of that Faculty, a candidate who fails to complete a course shall comply with section 2 (2) when repeating that course.

7. (1) First class or Second class Honours may be awarded at graduation.

(2) The candidate who distinguishes himself most highly at graduation shall, if of sufficient merit, receive a bronze medal.

8. A candidate shall not be eligible for any scholarship or prize awarded for proficiency in any Year, course or courses unless he completes the Year, course or courses within the minimum time provided in these Resolutions or within one year thereafter.

9. A candidate shall be exempt from completing any course for the degree which formed part of his course for the degree of Bachelor of Arts or for the degree of Bachelor of Economics.

10. [*Repealed* provided that the rights and expectations of candidates who have already commenced their course for the degree of Bachelor of Laws in accordance with the Resolutions of the Senate in force prior to this appeal shall be preserved.][1]

[1] The repealed section 10 reads as follows:—

10. (1) The Dean of the Faculty may, upon written application by a candidate, grant exemption from completing one or more of the four courses selected from the courses referred to in section 3 (1) IV and 4 (1) VI if—

(a) the candidate has completed the requirements for either the degree of Bachelor of Arts or the degree of Bachelor of Economics of the University of Sydney, or

(b) the candidate, not being a graduate referred to in subsection (1) (a), is a member of such class of graduates of the University of Sydney or any other university as may be approved by the Faculty.

(2) Where a candidate is a graduate other than those referred to in subsection (1), the Faculty may grant the exemption referred to in subsection (1).

BACHELOR OF LAWS

1980 Resolutions

In accordance with Chapter XI, section 4 of the By-laws the following Resolutions governing candidature for the degree of Bachelor of Laws have been prescribed by the Senate:

1. (1) These Resolutions shall apply—

(a) to a candidate who commences his candidature after 1st January, 1980; and

(b) to a candidate who commenced his candidature prior to 1st January, 1980 and who elects to proceed under these Resolutions, subject to—

(i) the approval of the Dean of the Faculty;

(ii) any direction of the Faculty; and

(iii) the availability of the appropriate courses.

(2) A candidate who elects to complete the requirements for the degree in accordance with subsection (1) (b) shall receive such credit for courses for the degree as the Faculty may prescribe.

(3) Subject to subsection (4) a candidate who does not elect to complete the requirements for the degree in accordance with subsection (1) (b) shall complete the requirements for the degree on or before 31st December, 1987.

(4) A candidate to whom subsection (3) applies and who does not complete the requirements for the degree prior to 31st December, 1987 shall complete the requirements for the degree under such conditions as the Faculty may prescribe.

(5) In the case of any candidates who might be prejudiced by any change in the curriculum the Dean of the Faculty may, subject to any Resolutions of the Faculty, give such directions as to attending lectures and passing examinations and give such credit for courses completed as the circumstances may require.

2. (1) A course shall consist of lectures, together with such tutorial instruction, essays, exercises or practical work as may be prescribed.

(2) In these Resolutions 'to complete a course' and derivative expressions mean—

(a) to attend the lectures and the meetings, if any, for tutorial instruction;

(b) to complete to the satisfaction of the examiners such essays, exercises, practical work and examinations as may be prescribed.

Law Course

3. Subject to sections 4, 4A, 4B, 4C and 4D a candidate for the degree shall complete the following courses:

I. In the First Year—
Contracts
Criminal Law
Legal Institutions
Torts

II. In the Second Year—
Commercial Law I
Federal Constitutional Law
Principles of Equity
Public Law
Real Property

III. In the Third Year—
Commercial Law II
Conflict of Laws
Jurisprudence
Succession
One or two of the following elective courses:—
Comparative Law
Conveyancing
Criminology
Evidence
Industrial and Commercial Property
Industrial Law and Labour Relations
Law and Social Justice
Legal History
Public International Law
Revenue Law
Roman Law
The Family in Society

IV. In the Fourth Year—
Four of the following extended courses:—
Comparative Law (Extended course)
Conveyancing (Extended course)
Criminology (Extended course)
Industrial and Commercial Property (Extended course)
Industrial Law and Labour Relations (Extended course)
Law and Social Justice (Extended course)
Legal History (Extended course)
Litigation
Public International Law (Extended course)
Revenue Law (Extended course)
Roman Law (Extended course)
The Family in Society (Extended course)

provided that

(i) a candidate who took only one elective course in Year III shall in Year IV take a further elective course chosen from those elective courses listed in III; and

(ii) a candidate may not count towards his degree both an elective course listed in III and the corresponding extended course listed in IV.

Combined Arts/Law Course

4. (1) This section shall apply to a candidate for the degrees of Bachelor of Arts and Bachelor of Laws under the provisions of the Resolutions of the Senate made pursuant to section 4 of each of Chapters X and XI of the By-laws.

(2) Such a candidate shall complete in the Faculty of Law—

(a) while enrolled for the degree of Bachelor of Arts under section 25 of the Resolutions of the Senate relating to the degree of Bachelor of Arts, the subjects Legal Institutions, Public Law and Common Law (comprising Torts and Contracts) and

(b) either after qualifying for admission to the degree of Bachelor of Arts or, with the permission of the Dean of the Faculty of Law, concurrently with qualifying for admission to that degree, the following courses for the degree of Bachelor of Laws:—

IV. In the Fourth Year—
Commercial Law I
Criminal Law
Federal Constitutional Law
Principles of Equity
Real Property

V. In the Fifth Year—
Commercial Law II
Conflict of Laws
Jurisprudence
Succession

Two of the following elective courses:—
Comparative Law
Conveyancing
Criminology
Evidence
Industrial and Commercial Property
Industrial Law and Labour Relations
Law and Social Justice
Legal History
Public International Law
Revenue Law
Roman Law
The Family in Society

provided that the Dean may permit a candidate to substitute for one of the elective courses listed in V an extended course listed in section 3 IV.

Combined Economics/Law Course

4A. (1) This section shall apply to a candidate for the degrees of Bachelor of Laws and Bachelor of Economics under the provisions of the Resolutions of the Senate made pursuant to section 4 of each of Chapters XI and XVIII of the By-laws.

(2) Such a candidate shall complete in the Faculty of Law—

(a) while enrolled for the degree of Bachelor of Economics under section 9 of the Resolutions of Senate relating to the degree of Bachelor of Economics the subjects Legal Institutions, Public Law, Torts and Contracts and

(b) either after qualifying for admission to the degree of Bachelor of Economics or, with the permission of the Dean of the Faculty of Law, concurrently with qualifying for admission to that degree, the following courses for the degree of Bachelor of Laws:—

IV. In the Fourth Year—
Commercial Law I
Criminal Law
Federal Constitutional Law
Principles of Equity
Real Property

V. In the Fifth Year—
Commercial Law II
Conflict of Laws
Jurisprudence
Succession
Two of the following elective courses:—
Comparative Law
Conveyancing
Criminology
Evidence
Industrial and Commercial Property
Industrial Law and Labour Relations*
Law and Social Justice
Legal History
Public International Law
Revenue Law
Roman Law
The Family in Society

provided that the Dean may permit a candidate to substitute for one of the elective courses listed in V an extended course listed in section 3 IV.

Combined Science/Law Course

4B. (1) This section shall apply to a candidate for the degrees of Bachelor of Laws and Bachelor of Science under the provisions of the Resolutions of the Senate made pursuant to section 4 of each of Chapters XI and XIII of the By-laws.

(2) Such a candidate shall complete in the Faculty of Law—

(a) while enrolled for the degree of Bachelor of Science under section 15A of the Resolutions of Senate relating to the degree of Bachelor of Science the subjects Legal Institutions, Public Law, Torts and Contracts; and

(b) either after qualifying for admission to the degree of Bachelor of Science or, with the permission of the Dean of the Faculty of Law, concurrently with qualifying for admission to that degree, the following courses for the degree of Bachelor of Laws:

IV. In the Fourth Year—
Commercial Law I
Criminal Law
Federal Constitutional Law
Principles of Equity
Real Property

V. In the Fifth Year—
Commercial Law II
Conflict of Laws
Jurisprudence
Succession
Two of the following elective courses:—
Comparative Law
Conveyancing
Criminology
Evidence
Industrial and Commercial Property
Industrial Law and Labour Relations
Law and Social Justice
Legal History
Public International Law
Revenue Law
Roman Law
The Family in Society

provided that the Dean may permit a candidate to substitute for one of the elective courses listed in V an extended course listed in section 3 IV.

Graduate Law Course A

4C. (1) This section shall apply to an applicant for admission to candidature for the degree of Bachelor of Laws to whom none of sections 4, 4A or 4B applies and who—

(a) has completed the requirements for a degree of Bachelor of the University of Sydney; OR

(b) is a member of such class of graduates of such university as may be approved by the Faculty of Law; OR

(c) is a graduate not mentioned in paragraph (a) or (b) of this subsection, but is granted equivalent status by the Faculty of Law.

(2) After qualifying for admission to a degree mentioned in subsection (1) hereof an applicant may be admitted to candidature for the degree of Bachelor of Laws.

(3) Such a candidate shall complete the following courses for the degree of Bachelor of Laws:

I. In the First Year—
Contracts
Criminal Law
Legal Institutions
Torts

II. In the Second Year—
Commercial Law I
Federal Constitutional Law
Principles of Equity
Public Law
Real Property

III. In the Third Year—
Commercial Law II
Conflict of Laws
Jurisprudence
Succession
Two of the following elective courses:—
Comparative Law
Conveyancing
Criminology
Evidence
Industrial and Commercial Property
Industrial Law and Labour Relations
Law and Social Justice
Legal History
Public International Law
Revenue Law
Roman Law
The Family in Society

provided that the Dean may permit a candidate to substitute for one of the elective courses listed in III an extended course listed in section 3 IV.

Graduate Law Course B

4D. (1) A person who is entitled to proceed as a candidate for the degree of Bachelor of Laws under section 4, 4A, 4B or 4C may elect to proceed instead as a candidate under this section.

(2) Such a candidate shall complete, in addition to the courses mentioned in section 4, 4A, 4B or 4C as the case may be, four extended courses from those listed in section 3 IV,

provided that a candidate proceeding under this section—

(i) who took only one elective course in the penultimate year of the course shall in the final year take a further elective course chosen from those elective courses listed in section 3 III which he has not already completed; and

(ii) may not count towards his degree both an elective course listed in section 3 III and the corresponding extended course listed in section 3 IV.

(3) Subject to section 5, the elective courses mentioned in subsection (2) shall be begun in a separate year in the Faculty of Law after the completion of all other requirements for the degree of Bachelor of Laws.

5. A candidate proceeding in accordance with the provisions of section 3, 4, 4A, 4B, 4C or 4D shall not progress to the next Year until he has completed all the courses of the preceding Year, provided that the Dean of the Faculty, in special cases, may in writing vary the order in which courses are to be taken notwithstanding the provisions of these or any other Resolutions made under Chapter XI.

6. On the recommendation of the Dean—

(i) the Faculty may determine which of the elective courses will be offered in any particular year;

(ii) the Faculty, with the approval of the Academic Board, may determine to offer in any particular year a further course or courses but not so as to offer, under this section, more than two additional courses in any such year;

(iii) the Faculty may allow a candidate credit towards the requirements for the degree—

(a) for a course or courses completed under a previous curriculum offering of the Faculty of Law in the University of Sydney; and

(b) for a law course or courses in a subject or subjects not available in the Faculty of Law in the University of Sydney completed or to be completed at a University

and the Faculty shall in allowing such credit designate in respect of which course or courses credit is allowed.

7. Unless exempted by the Dean, who shall be subject to the direction of the Faculty, a candidate who fails to complete a course shall comply with section 2 (2) when repeating that course.

8. (1) First class or Second class Honours may be awarded at graduation.

(2) The candidate who distinguishes himself most highly at graduation and whose work is of sufficient merit shall receive a bronze medal.

9. A candidate shall not be eligible for any scholarship or prize awarded for proficiency in any Year, course or courses unless he completes the Year, course or courses within the minimum time provided in these Resolutions or within one year thereafter.

10. A candidate shall be exempt from completing any course for the degree which formed part of his course for the degrees of Bachelor of Arts, Bachelor of Economics or Bachelor of Science.

MASTER OF LAWS

In accordance with section 10 of Chapter XI of the By-laws, the Senate has prescribed the following resolutions for the degree of Master of Laws.

1. In these resolutions unless the context or subject-matter otherwise requires—

'*Board*' means the Board of Postgraduate Studies appointed by the Faculty pursuant to section 13 of Chapter VIII of the By-laws.

'*candidate*' and derivative expressions include a course work candidate and a thesis candidate but not a preliminary student.

'*course work candidate*' means a candidate proceeding to the degree under resolutions 15–30 of these resolutions.

'*degree*' means the degree of Master of Laws referred to in section 2 of Chapter XI of the By-laws.

'*preliminary student*' means a person classified as a preliminary student under resolution 6 or 17 of these resolutions.

'*Standing Committee*' means any Standing Committee appointed pursuant to resolution 2 of these resolutions.

'*thesis candidate*' means a candidate proceeding to the degree under resolutions 5–14 of these resolutions.

2. The Board shall annually appoint a Standing Committee consisting of three Professors in the Faculty of Law and the Sub-Dean having responsibility for the time being for postgraduate matters.

3. (i) The Standing Committee may exercise any or all of the powers and functions conferred on it by these resolutions or by the Board, either generally or in a particular case.

(ii) The Standing Committee shall not be required to hold formal meetings and, subject to Chapter VIII of the By-laws, may discharge its powers and functions in such manner as it sees fit.

4. A candidate may proceed to the degree either under resolutions 5–14 of these resolutions or under resolutions 15–30 of these resolutions.

Thesis candidates

5. (a) A thesis candidate shall apply in writing for approval by the Board of the subject of the proposed thesis.

(b) Such application may be made at any time.
(c) The Board, on the recommendation of the Head of the Department concerned, shall appoint a full-time member of the academic staff of the University to act as supervisor of each candidate.

6. (1) Applicants for admission to candidature, if admitted, shall be classified as follows:
(a) candidates in category A, which shall consist of those who may be admitted to candidature with exemption from a probationary essay;
(b) candidates in category B, which shall consist of those who may be admitted to candidature, but whose continuation of candidature shall depend upon the satisfactory completion of a probationary essay.
(2) Applicants for admission to candidature, who have not been admitted, may be classified as preliminary students which class shall consist of those who may not be admitted to candidature until they have completed preliminary examinations prescribed by the Standing Committee in respect of each applicant at a level satisfactory to that Committee.

7. A thesis candidate shall enrol within three weeks after acceptance as a candidate and thereafter re-enrol at the beginning of Lent Term in each year.

8. Before each re-enrolment the candidate shall submit to the Dean of the Faculty a short statement of the work done by the candidate in the preceding twelve months.

9. A thesis candidate who is classified in category B pursuant to resolution 6 shall submit a probationary essay by a prescribed date on a topic approved by the supervisor or by a member of the full-time academic staff nominated by the Board. The topic of the probationary essay may be within the same general area as the candidate's proposed thesis topic. If the probationary essay is found to be satisfactory, the candidature shall be confirmed. Except in so far as this resolution provides to the contrary the provisions of resolution 23 of these resolutions shall apply to a probationary essay submitted by a thesis candidate *mutatis mutandis*.

10. A thesis candidate shall present to the Faculty a thesis in the subject approved by the Board. The thesis shall, in the opinion of the examiners, be a substantial contribution to the subject concerned.

11. At least once per term during the period of candidature a thesis candidate shall personally consult with such supervisor or supervisors as the Board may appoint provided that the Board may dispense with this requirement in which case the candidate shall submit such written reports as the Board may require.

12. (a) A full-time thesis candidate shall present three copies of the thesis not less than one year and not more than two years after the date of admission to candidature.
(b) A part-time thesis candidate shall present the thesis not less than two years and not more than four years after the date of approval of the subject of the thesis.
(c) These periods may be varied by the Standing Committee on the application of the candidate.

13. The Board, on the recommendation of the appropriate Head of Department, shall appoint such examiners as it thinks fit to examine a candidate for the degree.

14. The grade at which the degree shall be awarded to a successful thesis candidate pursuant to section 7 of Chapter XI of the By-laws shall be determined by the Board in the light of the reports of the examiners in each case.

Course work candidates

15. Applications for admission to candidature for the degree by course work shall be lodged with the Registrar by the end of November prior to the first year of intended candidature, provided that—
(a) applications from intending candidates whose eligibility depends on examination results which are not available by the above date shall be lodged within seven days after such examination results are available;
(b) the Dean or the Dean's nominee may extend the above time limits generally or in a particular case.

16. Applications for admission to candidature for the degree shall be referred to the Standing Committee which shall place its recommendations on such applications before the next meeting of the Board including any recommendation restricting the choice of courses by any candidate.

17. (1) Applicants for admission to candidature, if admitted, shall be classified as follows:
(a) candidates in category A, which shall consist of those who may be admitted to candidature with exemption from a probationary essay;
(b) candidates in category B, which shall consist of those who may be admitted to candidature, but whose continuation of candidature shall depend upon the satisfactory completion of a probationary essay.
(2) Applicants for admission to candidature, who have not been admitted, may be classified as preliminary students which class shall consist of those who may not be admitted to candidature until they have completed preliminary examinations prescribed by the Standing Committee in respect of each applicant at a level satisfactory to that Committee.

18. A course work candidate—
(a) shall enrol in each year in accordance with the procedure prescribed by the University;
(b) shall attend classes and seminars in accordance with resolution 27 in four of the courses prescribed by the Faculty as courses leading to the degree and pass the assessments in those courses;
(c) shall complete in the courses undertaken such written and oral exercises and essays and any combination of these as the Standing Committee may prescribe or approve and the results of such exercises and essays may be taken into account in determining the candidate's results in assessments in those courses;
(d) shall write a paper in one of his or her courses or in some combination of such courses and submit it by the 31st December following the completion of all other requirements for the degree or by such later date as the Standing Committee or its nominee may in any case determine, subject to resolution 28 of these resolutions.

19. A candidate who proceeds to the degree of Master of Laws by course work on a full-time basis may undertake the requirements of (b), (c) and (d) of resolution 18 in one academic year.

20. A candidate who proceeds to the degree of Master of Laws on other than a full-time basis may not undertake the requirements of (b) and (c) in resolution 18 in more than two courses in one academic year.

21. A candidate shall not be given any credit towards the requirements for a Master of Laws degree in respect of work completed for a diploma within the Faculty.

22. With the approval of the Standing Committee, a course work candidate may be granted credit for courses completed towards an equivalent degree in another Law School subject to the following conditions:

(a) that credit may not be given for more than two courses;

(b) that the candidate may not take courses in the Master of Laws curriculum substantially similar to courses for which credit has been given;

(c) that credit may not be given for work done in the other Law School as satisfying the requirements of resolution 18(d);

(d) that the candidate provides evidence in writing from such other Law School that he or she is not proceeding to completion of an equivalent degree at such other Law School and provides evidence that the candidate has not and will not seek credit at that Law School for courses completed towards the degree in this Faculty.

23. (a) A category B candidate in the first year of candidature will be required to write a probationary essay in the course or in one of the courses for which the candidate is enrolled. The topic of the essay shall be approved by the supervising lecturer in the course in which it is written.

(b) Probationary essays shall be deposited with the Faculty office by the end of the first week of Trinity term, provided that extensions of time, either general or particular, within which to submit probationary essays may be granted by the supervising lecturer in the course in which the essay is to be written, but in no case may an extension be granted beyond the end of Michaelmas term.

(c) If a candidate fails to submit a probationary essay, or submits an essay which is not satisfactory, the Standing Committee may recommend to the Board that the candidate's provisional candidature be terminated.

(d) If a candidate, whose candidature has been terminated for failure to submit a probationary essay or for failure to submit a satisfactory probationary essay, re-applies for admission he or she must set out in the application reasons for not submitting an essay or a satisfactory essay in the earlier year and these reasons will be taken into account in determining whether the candidate will again be admitted and if so whether he or she will again be granted category B status or instead be classified as a preliminary student.

(e) Probationary essays shall be between 5000 and 7000 words in length.

(f) The Standing Committee will decide whether a probationary essay is satisfactory after receiving a recommendation from the lecturer in the course.

24. Each preliminary student shall be required to sit for a preliminary examination which must be taken in Sydney.

25. A preliminary student who, without permission, fails to sit for the preliminary examination or who sits for the examination and fails will not be permitted to sit for the examination on a second occasion save in exceptional circumstances and with the approval of the Standing Committee.

26. (a) The topic of a paper to be submitted under resolution 18(d) as part of the requirements for the degree by course work shall be nominated by the candidate and approved by the Standing Committee after receiving a recommendation by the lecturer in the course in which the paper is to be written. When nominating a topic the candidate shall outline briefly the matter it is proposed to deal with in the paper. The paper shall normally not be less than 12 000 words nor more than 30 000 words in length.

(b) A candidate shall submit two copies of the paper for examination to the Faculty office.

(c) Unless a candidate indicates to the contrary in writing at the time he or she submits such a paper, the submission of such paper shall be deemed to constitute permission by the candidate for a copy of such paper to be placed in the Law School library on unrestricted access or to be otherwise made available for consultation by interested persons if the examiner considers it to be of sufficient merit.

(d) The paper shall, in the judgment of the examiner, be a scholarly contribution to legal knowledge on the subject-matter of the paper.

27. (a) A course work candidate whose attendance record at classes in a course for which he or she is enrolled is unsatisfactory may be refused permission to take the annual assessments in that course. A candidate refused such permission shall be deemed to have discontinued the course without failure.

(b) For the purpose of this resolution, attendance at less than 70 per cent of scheduled classes shall be deemed to be an unsatisfactory attendance record.

(c) Lecturers in classes shall keep rolls or attendance records.

28. Save in special circumstances and with the approval of the Standing Committee, a candidate shall complete all the requirements for the degree within six years (excluding years of suspended candidature) from the date of first enrolment as a candidate. Where a candidate has not completed all the requirements for the degree within such period, the Standing Committee may, pursuant to resolution 35(c) of these resolutions, call upon the candidate to show cause why the candidature should not be terminated by reason of unsatisfactory progress.

29. (a) Except where the Standing Committee otherwise directs the primary assessment in a subject for the degree will be an unseen written examination not exceeding four hours in duration. Such examination will count for at least 60 per cent of the year's marks in that subject.

(b) Results of the examinations in each subject shall be published in grades of High Distinction, Distinction, Credit and Pass. The range of marks for each grade shall be as follows:

High Distinction	85%–100%
Distinction	75%– 84%
Credit	65%– 74%
Pass	50%– 64%

An Order of Merit in each subject shall be published.

30. The grades in which the degree may be awarded under section 7 of Chapter XI of the By-laws shall be determined as follows in the case of a course work candidate:—

First Class Honours may be awarded where a candidate's average mark in the four courses and paper required is 85 per cent or above, with a discretion in the Board to award first class honours in special cases where a candidate's average mark is below 85 per cent.

Second Class Honours may be awarded where a candidate's average mark as aforesaid falls within the range 78–84 per cent, with a discretion in the Board to award second class honours in special cases where a candidate's average mark is below 78 per cent.

Pass may be awarded where a candidate's average mark as aforesaid falls within the range 50–77 per cent.

General

31. A person who has completed with sufficient merit all the examinations of the Supreme Court of New South Wales Joint Examinations Board may be admitted to candidature under Chapter XXVIA of the By-laws.

32. The Board, on the recommendation of the Standing Committee, may deem time spent or work done towards the degree of Doctor of Philosophy by a candidate before admission to candidature for the degree to be time spent or work done after admission, provided the candidate has ceased to be a candidate for the degree of Doctor of Philosophy.

33. A person may be permitted to enrol in a course for the degree as a postgraduate non-degree student in the following cases:

(a) if the applicant is the holder of a recognised postgraduate degree in law and the Standing Committee or its nominee approves of the application to so enrol;

(b) if, not being within the terms of paragraph (a) of this resolution, the applicant satisfies the Standing Committee—

(i) that there are exceptional circumstances applicable to the applicant's case; and

(ii) that, had the applicant applied for admission to candidature for the degree, the applicant would have been admitted as a category A or category B candidate.

34. A person who is not enrolled may be permitted to attend lectures or classes in a course for the degree in the following cases:

(a) if the person is a member of the teaching staff of the University of Sydney and the lecturer in the course consents;

(b) if the person is a thesis candidate whose supervisor has advised attendance at such lectures;

(c) by invitation of the lecturer in the course in an exceptional case. Such invitations shall normally be issued only if the person invited has knowledge and experience such that the person can be expected to make a special contribution to the classes attended.

35. In addition to exercising the powers conferred on it elsewhere in these resolutions the Standing Committee may—

(a) on written application by a candidate or preliminary student grant a suspension of candidature or studentship on such grounds and on such conditions as the Standing Committee thinks fit; any period of suspension of candidature or studentship so granted shall not be counted towards any period of time within which the degree would otherwise have been required to be completed;

(b) on written application permit a candidate who has been admitted to candidature but has not enrolled for a first time or a person classed as a preliminary student who has not enrolled as such for a first time to defer enrolment for a period of one year. This power may also be exercised by the Standing Committee or its nominee;

(c) call upon any candidate or preliminary student to show cause why the candidature or studentship should not be terminated by reason of unsatisfactory progress. For the purpose of this resolution unsatisfactory progress in the case of a course work candidate shall include (but not be limited to) failures in any two courses for the degree or two failures in one course. For this purpose, the paper referred to in resolution 18(d) of these resolutions shall be treated as a course. The Standing Committee may, where in its opinion the candidate or the student does not show good cause why the candidature or studentship should not be terminated, recommend to the Board that the candidature or studentship should be terminated. In that event the Board may terminate a candidature or a studentship;

(d) recommend to the Board restrictions on the courses to be taken by course work candidates either generally or in any particular case.

36. These resolutions shall become operative on the date on which substituted sections 7 to 14 of Chapter XI of the By-laws of the University become operative.

DIPLOMAS

In accordance with section 14 of Chapter XI of the By-laws, the Senate has prescribed the following resolutions for the Diploma in Criminology, the Diploma in Jurisprudence and the Diploma in Labour Relations and the Law.

1. (a) Applications for admission to candidature for any diploma shall be lodged with the Registrar by the end of November prior to the first year of intended candidature, provided that—

(i) applications from intending candidates whose eligibility depends on examination results which are not available by the above date shall be lodged within seven days after such examination results are available;

(ii) the Dean or the Dean's nominee may extend the above time limits generally or in a particular case.

(b) applications shall be considered by the Board of Postgraduate Studies in the Faculty of Law who may admit applicants to candidature.

2. (a) All candidates for the Diploma in Criminology and the Diploma in Labour Relations and the Law shall attend the courses of instruction in four of the courses prescribed for the respective Diplomas from time to time by the Faculty.

(b) All candidates for the Diploma in Jurisprudence shall attend the courses of instruction in two of the courses prescribed for that Diploma from time to time by the Faculty.

(c) Lecturers in all courses shall keep rolls or attendance records.

(d) A candidate for any diploma whose attendance record at classes in a course for which he or she is enrolled is unsatisfactory may be refused permission to take the annual assessment in that course. A candidate refused such permission shall be deemed to have discontinued the course without failure.

(e) For the purposes of this resolution attendance at less than 70 per cent of scheduled classes shall be deemed to be an unsatisfactory attendance record.

3. All candidates for the Diploma in Criminology and the Diploma in Labour Relations and the Law shall—

(a) complete such practical and written work as may be prescribed by lecturers with the approval of the Faculty; and

(b) pass the annual assessment as prescribed by the Faculty in all courses attended.

Candidates who fail to satisfy the requirements of paragraph (a) of this resolution in any course may be refused permission to present themselves at the annual assessment in that course and shall thereupon be deemed to have failed the said course.

4. All candidates for the Diploma in Jurisprudence shall—

(a) present an essay on a problem within the subject-matter of the said diploma, the subject of the essay to be approved by the Head of the Department of Jurisprudence;

(b) carry out such research or written work as may from time to time be prescribed with the approval of the Head of the Department of Jurisprudence;

(c) pass the annual assessment as prescribed in all courses attended.

Candidates who fail to satisfy the requirements of paragraph (b) of this resolution in any course may be refused permission to present themselves at the annual assessment in that course and shall thereupon be deemed to have failed the said course.

5. (a) All candidates for diplomas shall complete the courses prescribed in the order approved by the Dean and shall complete all requirements for the diploma during a period of not less than one academic year and of not more than two academic years from first enrolment in the diploma provided that such period may be varied by the Dean on application by a candidate.

(b) On written application the Dean may permit a candidate who has been admitted to candidature but who has not enrolled for a first time to defer enrolment for a period of one year.

(c) The Dean may call upon any candidate for a diploma to show cause why the candidature should not be terminated by reason of unsatisfactory progress towards the completion of the diploma. The Dean may, where in the Dean's opinion the candidate does not show good cause why he or she should be permitted to continue the candidature, recommend to the Board of Postgraduate Studies that the candidature be terminated. In that event the Board may terminate a candidature.

(d) The Dean may delegate his or her powers under (a), (b) or (c) to a Sub-Dean.

6. No candidate for a diploma shall be given any credit towards the requirements of a diploma in respect of work completed for the Master of Laws degree or for any other diploma in the Faculty.

7. Any candidate for a diploma who, without permission of the Faculty or the Dean, discontinues a year or course after the end of Michaelmas term shall be deemed to have failed such year or course.

RESOLUTIONS OF THE FACULTY OF LAW

BOARD OF EXAMINERS

Pursuant to section 12 of Chapter VIII of the By-laws the Faculty appoints the following as members of the Board of Examiners which shall be responsible for the conduct of examinations in respect of candidates for the degree of Bachelor of Laws:

(i) the Professors, Readers, Associate Professors, Senior Lecturers and Lecturers in the subjects of the curriculum in Law, being full-time permanent and temporary members of the teaching staff, and

(ii) such part-time members of the teaching staff as have responsibility for the general conduct of particular courses in the curriculum in respect of which they are appointed.

BOARD OF POSTGRADUATE STUDIES

Pursuant to section 13 of Chapter VIII of the By-laws the Faculty appoints the following board of postgraduate studies:

(i) the Professors, Readers, Associate Professors, Senior Lecturers and Lecturers in the subjects of the curriculum in Law, being full-time, permanent and temporary members of the teaching staff, and

(ii) such part-time members of the teaching staff as have responsibility for the general conduct of particular courses in the curriculum for the Bachelor of Laws, for the Master of Laws by coursework, or for the Diploma in Criminology, in Jurisprudence or in Labour Relations and the Law.

Faculty of Medicine

BY-LAWS CHAPTER XII

1. The Faculty of Medicine shall comprise the following persons:
   (a) the Professors, Readers, Associate Professors, Directors, Senior Lecturers, Lecturers, Principal Tutors[1] and Senior Tutors, being full-time members of the teaching staff and those persons upon whom the Senate has conferred the title of Professor, Reader, Associate Professor, Director, Senior Lecturer or Lecturer in the departments of Anaesthetics, Anatomy, Bacteriology[2], Behavioural Sciences in Medicine, Biochemistry, Cancer Medicine, Community Medicine, Histology and Embryology, Medicine, Obstetrics and Gynaecology, Ophthalmology and Eye Health, Paediatrics and Child Health, Pathology, Pharmacology, Physiology, Psychiatry and Surgery and in the Commonwealth Institute of Health, the Clinical Immunology Research Centre and the Neurobiology Research Centre;
   (b) the University Lecturers in Medical Jurisprudence, Diseases of the Ear, Nose and Throat and Diseases of the Skin;
   (c) the Heads of the Schools of Chemistry and Physics or their representatives, the Professor of Mathematical Statistics, the Dean of the Faculty of Arts or his nominee and the Dean of the Faculty of Dentistry or his nominee;
   (d) unless he is a member pursuant to subsection (a), the Director of the Commonwealth Institute of Health;
   (e) not more than seventeen persons each of whom shall be a nominee of a teaching hospital and of whom—
      (i) not more than thirteen shall each be a nominee of one of the following hospitals—
         Royal Prince Alfred Hospital
         Sydney Hospital
         The Royal North Shore Hospital of Sydney
         Repatriation General Hospital, Concord
         Lidcombe Hospital
         The Parramatta Hospitals, Westmead Centre
         Royal Alexandra Hospital for Children
         The Women's Hospital (Crown Street)
         St Margaret's Hospital for Women
         Mater Misericordiae Hospital, North Sydney
         Rozelle Hospital
         Parramatta Psychiatric Centre
         Macquarie Hospital; and
      (ii) not more than four are, for the time being, appointed in the manner prescribed by resolution of the Senate[1] from teaching hospitals specified by the Senate other than those listed in subclause (i);
   (f) the Wardens of the clinical schools at the Royal Prince Alfred Hospital, Sydney Hospital, The Royal North Shore Hospital of Sydney, the Repatriation General Hospital, Concord and Lidcombe Hospital;
   (g) the General Superintendents of the Royal Prince Alfred Hospital, the Royal North Shore Hospital of Sydney, the Parramatta Hospitals, Westmead Centre and the Royal Alexandra Hospital for Children, and the Medical Superintendents of Sydney Hospital, the Repatriation General Hospital, Concord and Lidcombe Hospital;
   (h) not more than five students appointed in the manner prescribed by resolution of the Senate;[2]
   (i) such Fellows of the Senate as are legally qualified members of the medical profession;
   (j) the Director of Postgraduate and Continuing Medical Education;
   (k) one nominee each of the Royal Australasian College of Physicians, the Royal Australasian College of Surgeons, the Royal College of Obstetricians and Gynaecologists, the Royal College of Pathologists of Australia, the Royal Australian College of General Practitioners and the Australian and New Zealand College of Psychiatrists who may be a member of the Faculty by virtue of one of subsections (a) to (j) inclusive;
   (l) the members of the Postgraduate Committee in Medicine who are not members of the Faculty by virtue of one of subsections (a) to (k) inclusive; and
   (m) such other persons as may be appointed by the Senate on the nomination of the Dean of the Faculty of Medicine with the approval of the Faculty and the Academic Board, provided that any person appointed pursuant to this subsection shall be appointed for a period of 3 years and shall be eligible for reappointment.
2. The degrees in the Faculty shall be—
   (a) Bachelor of Medicine (M.B.)
   (b) Bachelor of Surgery (B.S.)
   (c) Doctor of Medicine (M.D.)
   (d) Master of Surgery (M.S.)
   (e) Doctor of Philosophy (Ph.D.)
   (f) Bachelor of Science (Medical) (B.Sc. (Med.))
   (g) Master of Public Health (M.P.H.).
   (h) Master of Medicine (M.M.)

[1] The Senate has approved an amendment of the by-laws to give effect to the discontinuation of the grade of Principal Tutor.

[2] The Senate has approved an amendment of the by-laws to rename the Department of Bacteriology as the Department of Infectious Diseases.

[1] See Senate Resolutions this chapter.

[2] See Senate Resolutions following Chapter VIII.

BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

3. A candidate for the degrees of Bachelor of Medicine and Bachelor of Surgery shall, subsequent to matriculation, complete such requirements as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

4. A person who enrolled as a candidate for the degrees of Bachelor of Medicine and Bachelor of Surgery before 1st January, 1974, and who had not, at that date, completed the requirements for those degrees shall complete the requirements for the degrees under such conditions as may be prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

5. Bachelors of Medicine, Bachelors of Surgery and Masters of Surgery of this University shall not possess any right to assume the title of Doctor of Medicine.

DOCTOR OF MEDICINE

6. The degree of Doctor of Medicine shall be awarded on the recommendation of the Faculty for an original contribution of distinguished merit, adding to the knowledge or understanding of any subject with which the Faculty is directly concerned.

7. A candidate for the degree of Doctor of Medicine shall either—

(a) have held the degree of Bachelor of Medicine of the University of Sydney for at least five years; or

(b) (i) have held for at least five years the degree of Bachelor of Medicine or a degree or other qualification of another university or institution determined by the Academic Board on the recommendation of the Faculty to be equivalent to the degree of Bachelor of Medicine of the University of Sydney; and

(ii) have had such continuing association with the academic work of the University of Sydney and over such period as the Academic Board on the recommendation of the Faculty shall determine is appropriate.

8. (1) A candidate shall submit to the Registrar five copies of the thesis, thesis supported by published work, or published work alone, which he wishes to have examined. The work submitted shall be a record of original research undertaken by the candidate who shall state the sources from which his information was derived, the extent to which he has availed himself of the work of others and the portion of the work he claims as original.

(2) If the work submitted records work carried out conjointly irrespective, in the case of published work, of whether it had been published in the candidate's sole name or under conjoint authorship, the candidate shall state the extent to which he was responsible for the initiation, conduct and direction of such conjoint research.

(3) Where the work submitted incorporates work previously submitted for a degree in this or in any other university, the candidate shall clearly indicate which portion of the work was so submitted.

(4) If published work is submitted, either reprints or copies of such work shall be properly bound. The bound work shall include an introduction describing the theme of the published work submitted, and stating how the various publications are related to one another and to the theme.

(5) To establish *prima facie* worthiness for examination of published work, a candidate may, before submitting published work, submit to the Faculty a list of publications and the introduction required by subsection (4) of this section.

9. On receipt of a report from the Faculty that the thesis or published work is *prima facie* worthy of examination for the degree, and of a recommendation concerning the examiners to be appointed, the Academic Board shall appoint at least three examiners, of whom at least one shall be an external examiner.

10. (1) A candidate shall not be recommended for admission to the degree unless the examiners report that the thesis or published work submitted by the candidate fulfils the conditions prescribed in section 6.

(2) A candidate may be required to undertake such written or oral examination in the subject of the thesis or published work as the Faculty may determine.

(3) A candidate for the degree who is resident abroad may, in exceptional circumstances, be examined in the subject of the thesis or published work at any Medical School approved by the Faculty, on condition that any expense involved shall be met by the candidate.

10A. On the award of the degree, the Registrar shall lodge one copy of the published work or thesis with the Librarian.

MASTER OF SURGERY

11. The degree of Master of Surgery shall not be conferred until the expiration of five academic years from the granting of the degrees of Bachelor of Medicine and Bachelor of Surgery.

12. Candidates for this degree must produce evidence that they have had special training in Surgery and that they have been engaged in a manner approved by the Faculty in the special full-time study and practice of Surgery, or of some special branch of Surgery, for a period of at least three years.

13. Candidates for this degree shall submit to the Registrar four copies of a thesis, not already presented as a thesis for any degree, on some surgical subject. This thesis shall be a record of special investigations undertaken by the candidate and show clearly by appropriate references the extent to which the candidate is indebted for any portion to any other person and be accompanied by a declaration signed by the candidate that the thesis is composed by him.

14. The Faculty, if it considers the thesis is *prima facie* worthy of examination for the degree, shall appoint at least three examiners, of whom at least one shall be external. The degree will be awarded only if the thesis is regarded as an original contribution of distinguished merit adding to the knowledge and understanding of the subject.

15. Each candidate shall be required to pass a clinical examination in the branch of Surgery which he professes. In special cases the Faculty may by resolution exempt a candidate from this examination.

16. Graduates who have been admitted to the former degree of Master of Surgery (Ch.M.) may be admitted as candidates for the degree of Master of Surgery (M.S.) on the same conditions as holders of the degree of Bachelor of Medicine (M.B.) and Bachelor of Surgery (B.S.)

[1] See Senate Resolutions this chapter.

DOCTOR OF PHILOSOPHY

17. The degree of Doctor of Philosophy shall not be conferred except as prescribed in Chapter XIXD.

BACHELOR OF SCIENCE (MEDICAL)

18. A candidate for the degree of Bachelor of Science (Medical) shall complete such requirements for the degree as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.

MASTER OF PUBLIC HEALTH

18A. A candidate for the degree of Master of Public Health shall complete such requirements for the degree as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.

MASTER OF MEDICINE

18B. A candidate for the degree of Master of Medicine shall complete such requirements for the degree as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.

19–22D. [Repealed.]

DIPLOMA IN TROPICAL PUBLIC HEALTH

22E. There shall be a Diploma in Tropical Public Health (Dip.T.P.H.).

22F. A candidate for the Diploma in Tropical Public Health shall complete such requirements for the Diploma as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

23–29. [Repealed.]

DIPLOMA IN DIAGNOSTIC RADIOLOGY[2]

30. There shall be a Diploma in Diagnostic Radiology (D.D.R.).

31. A candidate for the Diploma in Diagnostic Radiology shall:

(i) hold qualifications in Medicine, Surgery and Obstetrics approved by the Faculty of Medicine for the purposes of the diploma;

(ii) produce evidence that he has held such qualifications for not less than three years;

(iii) produce evidence that he has spent not less than two years as a Resident Medical Officer of a general hospital approved by the Faculty, of which a period not exceeding twelve months may have been spent as a non-resident Medical Officer in one of the Teaching Hospitals approved for the purpose by the Faculty or, if he graduated before 31st January, 1963, produce evidence that he has spent not less than twelve months as a Resident Medical Officer of a general hospital approved by the Faculty or that he has spent not less than twelve months as a non-resident Medical Officer in one of the Teaching Hospitals approved for the purpose of the Faculty;

(iv) comply with section 32.

32. A candidate for the Diploma in Diagnostic Radiology shall, after obtaining the qualifications set out in section 31 (i) and fulfilling the requirements of section 31 (iii), attend approved postgraduate courses of study in each of the subjects of the examination specified in section 33 at the University and hospital approved for the purpose by the Faculty and undergo such special training in Diagnostic Radiology as may from time to time be prescribed by Regulations made in accordance with these By-laws.

33. A candidate for the Diploma in Diagnostic Radiology shall be required to pass examinations in each of the following subjects:

(i) Anatomy
(ii) Physics
(iii) Electro-technology
(iv) Photographic Aspects of Radiography
(v) Radiological diagnosis
(vi) Radiography
(vii) Pathology

34. The examination for the Diploma in Diagnostic Radiology shall be held in such manner as the Faculty may from time to time direct.

35–44. [Repealed.]

DIPLOMA IN CLINICAL PATHOLOGY[1]

45. There shall be a Diploma in Clinical Pathology (D.C.P.).

46. A candidate for the Diploma in Clinical Pathology shall:

(i) hold qualifications in Medicine, Surgery and Obstetrics approved by the Faculty of Medicine for the purposes of the diploma;

(ii) produce evidence that he has held such qualifications for not less than three years;

(iii) produce evidence that he has spent not less than twelve months in clinical work as a Resident Medical Officer of a general hospital approved by the Faculty or has spent not less than twelve months as a non-resident Medical Officer in one of the Teaching Hospitals approved for the purpose by the Faculty;

(iv) comply with section 47.

47. A candidate for the Diploma in Clinical Pathology shall, after obtaining the qualifications set out in section 46 (i) and fulfilling the requirements of section 46 (iii), attend approved postgraduate courses of study in each of the subjects of the examination specified in section 48 at the University and hospitals and other institutions approved for the purpose by the Faculty and undergo such special training in Clinical Pathology as may from time to time be prescribed by regulations made in accordance with these By-laws.

48. A candidate for the Diploma in Clinical Pathology shall be required to pass examinations in each of the following subjects:

(i) Pathological Anatomy
(ii) Haematology
(iii) Bacteriology
(iv) Parasitology
(v) Biochemistry

49. The examination for the Diploma in Clinical Pathology shall be held in such manner as the Faculty may from time to time direct.

[1] See Senate Resolutions this chapter.

[2] *Postgraduate medical diplomas* The Senate has approved the recommendation of the Faculty of Medicine that, as from 1 January 1978, the course for the Diploma in Diagnostic Radiology be no longer available to persons who were not previously enrolled as a candidate for the diploma.

The Faculty proposes to recommend the repeal of by-laws and resolutions of Senate relating to the diploma when the existing candidates have completed their courses.

[1] *Postgraduate medical diplomas* The Senate has approved the recommendation of the Faculty of Medicine that, as from 1 January 1978, the courses for the Diploma in Ophthalmology and Diploma in Clinical Pathology be no longer available to persons who were not previously enrolled as a candidate for one of the diplomas.

The Faculty proposes to recommend the repeal of by-laws and resolutions of Senate relating to the diplomas when the existing candidates have completed their courses.

DIPLOMA IN OPHTHALMOLOGY[1]

50. There shall be a Diploma in Ophthalmology (D.O.).

51. A candidate for the Diploma in Ophthalmology shall:

(i) hold qualifications in Medicine, Surgery and Obstetrics approved by the Faculty of Medicine for the purposes of the diploma;

(ii) produce evidence that he has held such qualification for not less than three years;

(iii) produce evidence that he has spent not less than two years as a Resident Medical Officer of a general hospital approved by the Faculty, of which a period not exceeding twelve months may have been spent as a non-resident Medical Officer in one of the Teaching Hospitals approved for the purpose by the Faculty or, if he graduated before 31st January, 1963, produce evidence that he has spent not less than twelve months as a Resident Medical Officer of a general hospital approved by the Faculty or that he has spent not less than twelve months as a non-resident Medical Officer in one of the Teaching Hospitals approved for the purpose by the Faculty;

(iv) comply with section 52.

52. A candidate for the Diploma in Ophthalmology shall be required to pass examinations set out in section 51 (i) and fulfilling the requirements of section 51 (iii), attend approved postgraduate courses of study in each of the subjects of the examination specified in section 53 at the University and hospital approved for the purpose by the Faculty and undergo such special training in Ophthalmology as may from time to time be prescribed by regulations made in accordance with these By-laws.

53. A candidate for the Diploma in Ophthalmology shall be required to pass examinations in each of the following subjects:

(i) Anatomy
(ii) Physiology
(iii) Optics
(iv) Ophthalmic Medicine
(v) Ophthalmic Surgery
(vi) Pathology and Bacteriology

54. The examination for the Diploma in Ophthalmology shall be held in such manner as the Faculty may from time to time direct.

55-59. [Repealed.]

DIPLOMA IN DERMATOLOGICAL MEDICINE[1]

60. There shall be a Diploma in Dermatological Medicine (D.D.M.).

61. A candidate for the Diploma in Dermatological Medicine shall:

(i) hold qualifications in Medicine, Surgery and Obstetrics approved by the Faculty of Medicine for the purposes of the diploma;

(ii) produce evidence that he has held such qualifications for not less than three years;

(iii) produce evidence that he has spent not less than two years as a Resident Medical Officer of a general hospital approved by the Faculty, of which a period not exceeding twelve months may have been spent as a non-resident Medical Officer in one of the Teaching Hospitals approved for the purpose by the Faculty or, if he graduated before 31st January, 1963, produce evidence that he has spent not less than twelve months as a Resident Medical Officer of a general hospital approved by the Faculty or that he has spent not less than twelve months as a non-resident Medical Officer in one of the Teaching Hospitals approved for the purpose by the Faculty.

(iv) comply with section 62.

62. A candidate for the Diploma in Dermatological Medicine shall, after obtaining the qualifications set out in section 61 (i) and fulfilling the requirements of section 61 (iii), attend approved postgraduate courses of study in each of the subjects specified in section 63 at the University and hospital approved for the purpose by the Faculty and undergo such special training in Dermatological Medicine as may from time to time be prescribed by regulations made in accordance with these By-laws.[1]

63. A candidate for the Diploma in Dermatological Medicine shall be required to pass examinations in each of the following subjects:

(i) Anatomy, Physiology, Biochemistry and Embryology
(ii) Physical methods and apparatus
(iii) Dermatology
(iv) Pathology, Bacteriology and Parasitology
(v) General Medicine

64. The examination for the Diploma in Dermatological Medicine shall be held in such manner as the Faculty may from time to time direct.

RESOLUTIONS OF THE SENATE

RESOLUTIONS OF THE SENATE FOR THE APPOINTMENT OF NOT MORE THAN FOUR PERSONS AS NOMINEES OF TEACHING HOSPITALS TO MEMBERSHIP OF THE FACULTY OF MEDICINE

Pursuant to section 1 (e) (ii) of Chapter XII of the By-laws, the Senate makes the following resolutions:

1. There shall be not more than four persons each of whom shall be a nominee of one of the following teaching hospitals appointed to membership of the Faculty.

Auburn District Hospital
Balmain Hospital
Blacktown District Hospital
Rachel Forster Hospital for Women
Lidcombe State Hospital
Marrickville District Hospital
Mona Vale District Hospital
Royal Newcastle Hospital
Parramatta District Hospital
Ryde District Hospital
Western Suburbs Hospital

2. Appointment to membership shall take place in Lent term of each alternate year, provided that the first such appointment shall take place in Lent term, 1973, or so soon thereafter as may be arranged.

3. The term of office of each nominee shall be for a period of two years from the first day of Lent term in the year of appointment until the day prior to the first day of Lent term in the second year of appointment.

[1] *Postgraduate medical diplomas* The Senate has approved the recommendation of the Faculty of Medicine that, as from 1 January 1978, the course for the Diploma in Dermatological Medicine be no longer available to persons who were not previously enrolled as a candidate for the diploma.

The Faculty proposes to recommend the repeal of by-laws and resolutions of Senate relating to the diploma when the existing candidates have completed their courses.

[1] For Senate Resolutions see 1979 Calendar.

4. A nominee shall cease to hold office if he otherwise becomes eligible for membership of the Faculty.

5. (1) Any vacancy occurring by the death, disqualification or resignation of a nominee may be filled by the Dean of the Faculty on the recommendation of the teaching hospital concerned and the person so appointed shall hold office for the balance of the term of the person he replaces.
(2) Where a teaching hospital fails to submit a nomination, the Dean of the Faculty may authorise the Registrar to invite another teaching hospital to submit a nomination.

6. (1) The Registrar shall, not less than one month prior to the first day of Lent term in each alternate year, invite one nomination from each of four teaching hospitals specified in section 1.
(2) Each teaching hospital specified in section 1 shall be invited to submit one nomination in the following order:
(a) For the period Lent term 1973 to Lent term 1975—
Auburn District Hospital
Balmain Hospital
Blacktown District Hospital
Rachel Forster Hospital for Women
(b) For the period Lent term 1975 to Lent term 1977—
Blacktown District Hospital
Rachel Forster Hospital for Women
Lidcombe State Hospital
Marrickville District Hospital
(c) For the period Lent term 1977 to Lent term 1979—
Lidcombe State Hospital
Marrickville District Hospital
Mona Vale District Hospital
Royal Newcastle Hospital
(d) For the period Lent term 1979 to Lent term 1981—
Mona Vale District Hospital
Royal Newcastle Hospital
Parramatta District Hospital
Ryde District Hospital
(e) For the period Lent term 1981 to Lent term 1983—
Parramatta District Hospital
Ryde District Hospital
Western Suburbs District Hospital
Auburn District Hospital

(Note: Action is in hand to cover the period 1984-1991).

BACHELOR OF MEDICINE AND BACHELOR OF SURGERY[1]

In accordance with section 3 of Chapter XII of the By-laws, the Senate has prescribed the following Resolutions governing candidature for the degrees of Bachelor of Medicine and Bachelor of Surgery:

1. (a) A candidate for the degrees of Bachelor of Medicine and Bachelor of Surgery shall complete:
(i) In the First Year, the prescribed courses of study in the following—
(a) Terminating subjects:
Chemistry
Introductory Medical Science
Physics
(b) Non-terminating subjects:
Anatomy
Behavioural Sciences in Medicine
Biochemistry
Histology and Embryology
Physiology
(ii) In the Second Year, the prescribed courses of study in the following subjects:
Anatomy
Behavioural Sciences in Medicine
Biochemistry
Histology and Embryology
Pharmacology
Physiology
(iii) In the Third Year, the prescribed courses of study in the following subjects:
Bacteriology
Immunology
Pathology
Pharmacology
Clinical Sciences
(iv) In the Fourth Year, the prescribed courses of study in the following subjects:
Community Medicine
Obstetrics and Gynaecology
Paediatrics
Psychiatry
Preventive and Social Medicine
Environmental and Occupational Health
Clinical Pharmacology
Clinical Laboratory Methods
Tropical Medicine
Ophthalmology and Eye Health
Dermatology
Diseases of the Ear, Nose and Throat
(v) In the Fifth Year:—
(a) the prescribed courses of study in the following subjects;
Medicine
Surgery; and
(b) an optional assignment in any one subject selected from the following in accordance with Resolutions of the Faculty;
(i) Anaesthetics and Resuscitation; Anatomy; Bacteriology; Behavioural Sciences in Medicine; Biochemistry; Community Medicine; Environmental Health; Histology and Embryology; Medicine; Obstetrics and Gynaecology; Ophthalmology and Eye Health; Paediatrics; Pathology; Pharmacology; Physiology; Preventive and Social Medicine; Psychiatry; Surgery; Tropical Medicine; or
(ii) any other subject as may be approved from time to time by Resolution of the Faculty; or
(iii) a subject which is a combination, approved from time to time by Resolution of the Faculty, of any two or more subjects listed under subsection (v) (b) (i) or approved under subsection (v) (b) (ii).
(b) For the purpose of these Resolutions 'Clinical Sciences' shall comprise an integrated course of instruction in paraclinical and clinical subjects as determined from time to time by the Faculty of Medicine.

2. (i) A course shall consist of lectures, together with such clinical, laboratory and tutorial instruction or practical work, exercise or essays as may be prescribed by the Faculty.

[1] Candidates for the degrees who completed the requirements for the Third Year prior to 1 January 1981 shall proceed in accordance with the Resolutions of the Senate published in the 1980 Calendar.

(ii) In these Resolutions, the words 'to complete a course' and derivative expressions mean:
(a) to attend the lectures and seminars, if any, for clinical, laboratory or tutorial instruction;
(b) to complete satisfactorily the practical work, exercises or essays, if any; and
(c) to pass the examinations, if any, in the course.

3. (i) There shall be barrier assessments:
I at the end of the First Year;
II at the end of the Second Year;
III at the end of the Third Year;
IV at the end of the Fourth Year;
V at the end of the Fifth Year;
(ii) At each barrier assessment, a Board of Examiners appointed by the Faculty for that purpose shall review the performance of candidates in the courses prescribed for the degrees.
(iii) A candidate who fails to complete one or more courses satisfactorily shall be deemed to have failed at the barrier assessment.
(iv) A candidate who has been deemed to have failed at a barrier assessment shall repeat such courses and complete satisfactorily such assessments as the Board of Examiners, in accordance with Resolutions of the Faculty, shall prescribe, provided always that he shall be eligible for reconsideration at the barrier assessment when a period of twelve months shall have elapsed.
(v) Notwithstanding anything to the contrary elsewhere in these Resolutions, a candidate who, in the First Year, has not completed one or more non-terminating courses satisfactorily may be allowed to proceed into the Second Year provided that he has completed all terminating courses satisfactorily; the conditions under which such a candidate shall be allowed to proceed into the Second Year shall be determined by the Board of Examiners, in accordance with Resolutions of the Faculty, which may include a requirement to pass examinations in such courses at or before the Second Year barrier assessment.

4. A candidate who has completed all requirements for the degrees shall be recommended to the Senate for admission to the degrees of Bachelor of Medicine and Bachelor of Surgery.

5. Except with the permission of the Faculty, all requirements for the degrees shall be completed within nine calendar years from the year of first enrolment in the Faculty.

6. The degrees shall be awarded jointly in one of two grades, either Pass or Honours. There shall be two classes of Honours, namely Class I and Class II.

7. Honours at graduation shall be awarded in accordance with Resolutions of the Faculty, and the candidate who shall have been most distinguished may receive a bronze medal, provided that he shall have obtained first-class honours and be deemed to be of sufficient merit.

8. For the purpose of section 17 of the Medical Practitioners Act, 1938, 'the Fourth, Fifth and Final Year examinations prescribed by the Senate of the University of Sydney for students in the Faculty of Medicine' shall be the examinations of the Third, Fourth and Fifth barrier assessments as set out in Resolution 3 (i).

8A. A candidate who has been enrolled for the degrees of Bachelor of Medicine and Bachelor of Surgery but has not re-enrolled for a period of three or more consecutive years shall complete the requirements for the degrees under such conditions as the Faculty may determine.

BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

Transitional provisions

9. Pursuant to section 4 of Chapter XII of the By-laws, and except as provided in Resolution 10A, a candidate enrolled for the degrees of Bachelor of Medicine and Bachelor of Surgery before 1st January, 1974, who had not completed the requirements for the degrees by that date, shall proceed to the degrees in accordance with the By-laws in force immediately prior to 1st January, 1974.

10. Except as provided in Resolutions 9 and 10A, a candidate enrolled for the degrees of Bachelor of Medicine and Bachelor of Surgery in accordance with the Resolutions of the Senate in force immediately prior to 1st January, 1981, who has completed the requirements for the Third Year prior to 1st January, 1981, shall proceed to the degrees in accordance with those Resolutions.

10A. Where a course for the degrees is no longer available for a candidate referred to in Resolution 9 or 10, that candidate shall complete instead such other course or courses as the Faculty may by Resolution prescribe.

BACHELOR OF SCIENCE (MEDICAL)

11. (i) A candidate for the degrees of Bachelor of Medicine and of Bachelor of Surgery who—
(a) has completed the courses leading to the second barrier assessment as set out in Resolution 3 (i);
(b) has shown special merit in his studies and
(c) is considered by the Head of the Department a suitable candidate for advanced work may be permitted by the Faculty to interrupt his candidature for the degrees and attend an approved course of advanced study in Anatomy, Histology and Embryology, Biochemistry, Behavioural Sciences in Medicine, or Physiology.
(ii) On completion of the course such a candidate may be recommended by the Faculty for admission to the degree of Bachelor of Science (Medical).
(iii) The degree shall be awarded in one of two grades, either Pass or Pass with Distinction.

12. (i) A candidate for the degrees of Bachelor of Medicine and of Bachelor of Surgery who—
(a) has completed the courses leading to the third barrier assessment as set out in Resolution 3 (i);
(b) has shown special merit in his studies; and
(c) is considered by the Head of the Department a suitable candidate for advanced work
may be permitted by the Faculty to interrupt his candidature for the degrees and attend an approved course of advanced study in Anatomy, Histology and Embryology, Biochemistry, Behavioural Sciences in Medicine, Physiology, Bacteriology, Pathology or Pharmacology.
(ii) On completion of the course such a candidate may be recommended by the Faculty for admission to the degree of Bachelor of Science (Medical).
(iii) The degree shall be awarded in one of two grades, either Pass or Pass with Distinction.

MASTER OF PUBLIC HEALTH

In accordance with section 18A of Chapter XII of the by-laws, the Senate has prescribed the following Resolutions governing candidature for the degree of Master of Public Health:—

1. (a) An applicant for admission to candidature for the degree of Master of Public Health shall—
   (i) except as provided in paragraph (b), be a graduate of the University of Sydney and
   (ii) apply in writing to the Registrar for such admission to candidature and for the approval of the Faculty.
   (b) On the recommendation of the Faculty, the Academic Board may admit to candidature a graduate of any other university or a candidate with equivalent qualifications obtained in an appropriate institution in accordance with Chapter XXVIA of the by-laws.

2. An applicant for admission to candidature shall have held the qualifications on the basis of which he seeks admission for at least one year prior to the commencement of candidature.

3. The degree may be taken in various subject areas of Public Health, including Tropical Public Health, Occupational and Environmental Health, Preventive Medicine, Health Administration and their component specialist areas, and such other subject areas as may be approved by the Faculty.

4. A candidate, unless—
   (i) holding a degree for which the minimum time to qualify was at least four academic years or
   (ii) exempted by the Faculty,

shall pass a preliminary examination or examinations as prescribed by the Faculty.

5. (a) The Faculty may admit an applicant to candidature provisionally for a period not exceeding six months and at the end of that period shall review the work of the candidate and confirm or terminate his candidature.
   (b) Such a candidate whose candidature is subsequently confirmed shall be deemed to have commenced his candidature on the date upon which he was admitted to candidature provisionally.

6. (a) Except as provided in paragraph (b), a candidate shall either—
   (i) engage in coursework for not less than three terms as a full-time student and pass an examination thereon, and submit not less than five terms after commencement of the coursework a treatise on a supervised project approved by the Faculty or
   (ii) engage either full-time for at least three terms or part-time for at least six terms in supervised study and research on a subject approved by the Faculty, submit a thesis embodying the results of that study and research, undertake such coursework, if any, as may be required by the Faculty and at the discretion of the Faculty pass an advanced examination in any subject related to the work of the thesis.
   (b) (i) Subject to subparagraph (ii), a candidate who holds the Diploma in Public Health or the Diploma in Tropical Medicine and Hygiene or the Diploma in Occupational Health of the University of Sydney shall engage for a period of at least three terms in supervised study and research on a subject approved by the Faculty and submit a thesis embodying the results of that study and research.
   (ii) Such a candidate shall be required to complete all the requirements for the degree by 31st December, 1983.
   (c) A candidate may carry out his supervised project or his supervised study and research within the University of Sydney or at an institution approved by the Faculty.
   (d) Except with the permission of the Faculty, a candidate proceeding in accordance with paragraph (a) (ii) shall complete the requirements for the degree within a period of five calendar years commencing from the date of admission to candidature.

7. The Faculty shall appoint a person who is a full-time member of the academic staff of the University or a person upon whom the Senate has conferred the title of Professor, Reader, Associate Professor, Senior Lecturer or Lecturer to act as supervisor of the candidate. The Faculty may also appoint a similar person to act as associate supervisor of the candidate.

8. (a) A candidate who in the terms of his candidature is required to submit a thesis embodying the results of his study and research or a treatise on a supervised project shall state in his thesis or treatise, generally in a preface and specifically throughout the thesis or treatise, the sources from which his information was derived, the extent to which he availed himself of the work of others, and the portion of the work which he claims as original. He shall not present as his thesis or treatise any work previously submitted for a degree of this or any other university, but he may incorporate such work in his thesis or treatise, provided that he indicates the work so incorporated.
   (b) A candidate shall lodge with the Registrar three bound copies (printed or typewritten) of his thesis or treatise.

9. The Faculty shall appoint two examiners of the thesis or treatise, of whom at least one shall be a member of the teaching staff of the Faculty. The examiners shall report to the Faculty, which shall determine the result of the examination.

10. The Faculty may deem time spent or work done towards the degree of Doctor of Philosophy by a candidate before his admission to candidature to be time spent or work done after admission, provided the candidate has ceased to be a candidate for the degree of Doctor of Philosophy.

11. The Faculty shall review the progress of each candidate annually and on the recommendation of the Head of Department concerned may terminate the candidature of any candidate who, in the opinion of the Faculty, has not shown evidence of sufficient progress towards the degree.

12. On the award of the degree, the Registrar shall lodge one copy of the thesis or treatise within the Library.

MASTER OF MEDICINE

In accordance with section 18B of Chapter XII of the By-laws, the Senate has prescribed the following Resolutions governing candidature for the degree of Master of Medicine.

1. Except as provided in Chapter XXVIA of the By-laws, the Faculty of Medicine may, on the recommendation of the Head of a Department in the Faculty, admit to candidature for the degree of Master of Medicine an applicant who holds the degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Sydney.

2. (1) A candidate for the degree shall proceed—
(a) by research and thesis; or
(b) by coursework and treatise.
(2) A candidate shall proceed either as a full-time candidate or as a part-time candidate and shall so advise the Faculty.
(3) A full-time candidate shall not keep the normal terms but shall pursue candidature for the degree continuously throughout the year except for a period of recreation leave and shall not have any substantial employment during the day.
(4) A candidate who does not comply with Resolution 2(3) shall be regarded as a part-time candidate.
(5) A candidate who, before admission to candidature, has spent time in advanced study in the University of Sydney, or in another university, or in another institution whose courses are deemed by the Faculty to be equivalent, may be deemed by the Faculty to have spent such time after admission to candidature.
(6) A candidate may be accepted by the Faculty on a probationary basis for a period not exceeding twelve months and upon completion of this probationary period the Faculty shall review the candidate's work and shall either confirm the candidate's status or terminate the candidature.
(7) In the case of a candidate accepted on a probationary basis under Resolution 2(6), the candidature shall be deemed to have commenced from the date of such acceptance.

3. The degree may be taken in any of the subject areas in which research and teaching is undertaken by departments in the Faculty of Medicine.

Candidature by research and thesis

4. The Faculty shall appoint, on the recommendation of the Head of the Department concerned, a full-time member of the academic staff of the University to act as supervisor of each candidate.

5. (1) A candidate proceeding by research and thesis shall—
(a) complete such courses, if any, as may be prescribed by the Head of the Department concerned;
(b) carry out supervised research on a topic approved by the Faculty on the recommendation of the Head of the Department concerned;
(c) write a thesis embodying the results of this research; and
(d) lodge with the Registrar three copies of this thesis, typewritten and bound.
(2) (a) The candidate shall state in the thesis the sources from which the information was derived, the extent to which the work of others has been used and the portion of the work claimed as original.
(b) The candidate may include in the thesis published papers of which the candidate is sole author, provided that—
(i) the papers are based on work undertaken during the candidature for the degree;
(ii) the papers are identified as published work; and
(iii) the papers are compatible with the overall coherence and organisation of the text of the thesis.
(c) Any other papers of which the candidate is sole or joint author may be lodged in support of the thesis.
(3) The thesis shall be accompanied by a statement from the supervisor stating whether, in the supervisor's opinion, the form of presentation of the thesis is satisfactory.
(4) A candidate may not present as the thesis a work which has been presented for a degree in this or another university, but will not be precluded from incorporating such in the thesis provided that in presenting the thesis the candidate indicates the part of the work which has been so incorporated.

6. (1) A full-time candidate shall complete the requirements for the degree not earlier than the end of the third term of candidature and, except with the permission of the Faculty on the recommendation of the Head of the Department concerned, not later than the end of the ninth term of candidature.
(2) A part-time candidate shall complete the requirements for the degree not earlier than the end of the sixth term of candidature and, except with the permission of the Faculty on the recommendation of the Head of the Department concerned, not later than the end of the eighteenth term of candidature.

7. (1) After the thesis has been lodged with the Registrar, the Faculty, on the recommendation of the Head of the Department concerned, shall appoint at least two examiners of the thesis.
(2) The reports of the examiners shall be transmitted to the Head of the Department who shall make them available to the Professor most concerned and the supervisor.
(3) The Head of the Department shall transmit these reports to the Faculty together with a recommendation concerning the award of the degree and the Faculty shall determine the result of the candidature.
(4) In special cases the Faculty, on the recommendation of the Head of the Department concerned, may require the candidate to take a further examination in the area of the thesis.
(5) The Faculty may permit an unsuccessful candidate to revise and resubmit the thesis if, in the opinion of the Head of the Department concerned, the candidate's work is of sufficient merit to warrant this concession, and may prescribe special conditions to be fulfilled by the candidate.

Candidature by coursework and treatise

8. (1) A candidate proceeding by coursework and treatise shall complete such courses and such treatise as may be prescribed by the Faculty on the recommendation of the Head of the Department concerned.
(2) The Head of the Department concerned shall report the result of the examination of the coursework and treatise and other work, if any, to the Faculty which shall determine the results of the candidature.

9. A full-time candidate shall complete the requirements for the degree not earlier than the end of the third term of candidature and, except with the permission of the Faculty on the recommendation of the Head of the Department concerned, not later than the end of the ninth term of candidature.

10. A part-time candidate shall complete the requirements for the degree not earlier than the end of the sixth term of candidature and, except with the permission of the Faculty on the recommendation of the Head of the Department concerned, not later than the end of the eighteenth term of candidature.

Satisfactory progress

11. The Faculty may—

(a) on the recommendation of the Head of the Department concerned, call upon any candidate to show cause why that candidature should not be terminated by reason of unsatisfactory progress towards completion of the degree; and

(b) where, in the opinion of the Faculty, the candidate does not show good cause, terminate the candidature.

DIPLOMA IN TROPICAL PUBLIC HEALTH

In accordance with section 22F of Chapter XII of the by-laws, the Senate has prescribed the following resolutions governing candidature for the Diploma in Tropical Public Health:—

1. An applicant for admission to candidature shall apply in writing to the Registrar for such admission to candidature.

2. Subject to Resolution 3, admission to candidature may be granted to—

(a) a graduate in Medicine of the University of Sydney; or

(b) any other graduate of the University of Sydney who has completed courses acceptable to the Faculty of Medicine; or

(c) a graduate of any other university or any other institution approved by the Faculty of Medicine and the Academic Board; or

(d) a person who has obtained such qualifications and completed such coures as are acceptable to the Faculty of Medicine and the Academic Board; or

(e) a person who furnishes such evidence of special fitness as satisfies the Faculty of Medicine and the Academic Board that he is qualified to enter upon systematic courses of study in Tropical Public Health.

3. An applicant for admission to candidature shall have held the qualifications on the basis of which he seeks admission for at least one year prior to the commencement of candidature.

4. A candidate shall—

(i) for a period of not less than three terms engage in full-time study and attend such courses of study and practice as the Faculty may prescribe; and

(ii) pass examinations in such subjects as the Faculty may from time to time determine.

5. The examinations for the Diploma shall be held at such times and in such manner as the Faculty may from time to time direct.

6. The award of the Diploma shall be subject to the completion of the coursework, the essay and the examinations to the satisfaction of the Faculty on the recommendation of the Principal of the Commonwealth Institute of Health.

7. The Faculty may deem time spent for work done towards the degree of Master of Public Health to be time spent or work done towards the Diploma, provided that the candidate has ceased to be a candidate for the degree of Master of Public Health.

HOSPITALS APPROVED FOR THE TRAINING OF RESIDENT MEDICAL OFFICERS FOR THE PURPOSES OF THE POSTGRADUATE MEDICAL DIPLOMAS

Albury District Hospital; Angau Memorial Hospital, Lae, P.N.G.; Auburn District Hospital; Balmain and District Hospital; Bankstown District Hospital; Blacktown District Hospital; Broken Hill and District Hospital; Canberra Community Hospital; Canterbury District Memorial Hospital; Eastern Suburbs Hospital; Fairfield District Hospital; Goulburn Base Hospital; Gosford District Hospital; Grafton Base Hospital; Hornsby and District Hospital; Lewisham Hospital, Lewisham; Lismore Base Hospital; Liverpool District Hospital; Lidcombe State Hospital and Home; Maitland Hospital; Manly District Hospital; Marrickville District Hospital; Mater Misericordiae Hospital, North Sydney; Mater Misericordiae Hospital, Waratah; Mona Vale District Hospital; Nepean District Hospital; Nonga Base Hospital, Rabaul, P.N.G.; Orange Base Hospital; Port Kembla District Hospital; Port Moresby General Hospital; Prince Henry Hospital, Little Bay; Parramatta District Hospital; Prince of Wales Hospital; Rachel Forster Hospital for Women and Children; Repatriation General Hospital, Concord; Royal Prince Alfred Hospital, Camperdown; Royal Newcastle Hospital; The Royal North Shore Hospital of Sydney; Royal South Sydney Hospital; Ryde District Soldiers' Memorial Hospital; St George Hospital, Kogarah; St Joseph's Hospital, Auburn; St Luke's Hospital, Darlinghurst; St Vincent's Hospital, Darlinghurst; Sutherland District Hospital; Sydney Hospital; Tamworth Base Hospital; Wagga Wagga Base Hospital; Western Suburbs Hospital, Croydon; Wollongong District Hospital.

INTERSTATE HOSPITALS APPROVED FOR SPECIALIST TRAINING FOR PURPOSES OF THE POSTGRADUATE MEDICAL DIPLOMAS

The following interstate hospitals are at present granted the approval shown for specialist training of candidates for the postgraduate medical diplomas shown. The list is added to from time to time and intending candidates should enquire whether additional names have been added during the year.

Launceston General Hospital. Full recognition for the Diploma in Clinical Pathology.

Brisbane General Hospital. Full recognition for the Diploma in Dermatological Medicine. Full recognition for the Diploma in Diagnostic Radiology.

Brisbane Women's Hospital. Full recognition for the Diploma in Dermatological Medicine.

Princess Alexandra Hospital, Brisbane. Full recognition for the Diploma in Dermatological Medicine and for the Diploma in Ophthalmology.

Repatriation General Hospital, Greenslopes. Full recognition for the Diploma in Dermatological medicine.

Royal Perth Hospital. Full recognition for the Diploma in Dermatological Medicine and for the Diploma in Clinical Pathology.

Royal Melbourne Hospital; St Vincent's Hospital, Melbourne; Prince Henry Hospital, Melbourne; Royal Adelaide Hospital; Repatriation General Hospital, Heidelberg, Victoria; Alfred Hospital, Melbourne; Queen Elizabeth Hospital, Adelaide; Austin Hospital, Melbourne. Full recognition for the Diploma in Dermatological Medicine.

Children's Hospital, Melbourne[1]*; Children's Hospital, Adelaide*[1]*; Children's Hospital, Perth*[1]*; Children's Hospital, Brisbane*[1]*; Repatriation General*

[1] Clinic attendances are granted full credit for the first fifty attendances and half credit for extra attendances, but total credit may not exceed 100 attendances.

Hospital, Springbank, South Australia[1]*; Queen Victoria Memorial Hospital, Melbourne.*[2] Supplementary recognition for the Diploma in Dermatological Medicine.

Mater Misericordiae Hospital, South Brisbane. Full recognition for the Diploma in Dermatological Medicine.

RESOLUTIONS OF THE FACULTY

HONOURS AT GRADUATION[3]

Under the new undergraduate curriculum, the degrees of Bachelor of Medicine and Bachelor of Surgery may be awarded with Honours. There are two classes of Honours, namely Class I and Class II.

The final year candidate who is considered to have been the most distinguished, may be awarded a bronze medal, provided he or she has obtained Class I Honours and is deemed to be of sufficient merit.

The award of Honours is determined on the basis of an aggregate of marks obtained at the four barrier assessments during the course. The results at each barrier are weighted as follows:

1st year	barrier assessment	×	2
2nd year	barrier assessment	×	10
Term 4.1	barrier assessment	×	10
4th year	barrier assessment	×	10
5th year	barrier assessment	×	10

The marks gained in the individual subjects, which contribute to each total barrier mark, are weighted separately as follows:

1st Year Barrier assessment	
Physics	40%
Chemistry	40%
Introductory Medical Science	20%
2nd Year Barrier assessment	
Anatomy	18%
Behavioural Science in Medicine	18%
Biochemistry	18%
Histology and Embryology	18%
Pharmacology	10%
Physiology	18%
Term 3.4 Barrier assessment	
Pathology (general pathology and practical examination)	10%
Bacteriology (includes practical examination)	5%
Pharmacology (taught in Term 3.1, and includes practical examination)	5%
Clinical science (including questions on integrated third year subjects—pathology, bacteriology, pharmacology, psychiatry, medicine, surgery and specialties)	80%
4th Year Barrier assessment	
Obstetrics and Gynaecology	25%
Paediatrics	25%
Psychiatry	25%
Community Medicine	25%
5th Year Barrier assessment	
Medicine	50%
Surgery	50%

For the award of Honours at graduation, a student may be credited with the marks gained at his second attempt at any one examination in which he failed, on the grounds that his performance at the first attempt was severely impaired by illness or misadventure properly attested.

[1] The holder of the post of Medical Officer in charge of sick patients will be given recognition for one clinic weekly, retrospective to January, 1963.

[2] Total credit may not exceed 200 attendances.

[3] These resolutions apply only to those candidates for the degrees enrolled in Fifth Year in 1981.

TENURE OF OFFICE OF CLINICAL TEACHERS IN THE TEACHING HOSPITALS

All appointments of Clinical Teachers in the Teaching Hospitals shall be for a period not exceeding one year, but the holders shall be eligible for reappointment.

BOARDS OF MEDICAL STUDIES IN THE TEACHING HOSPITALS

1. (a) A Board of Medical Studies shall be established at each of the following Teaching Hospitals and shall consist
   (i) in the case of the five general teaching hospitals of:
   the Dean or Pro-Dean of the Faculty, *ex officio* (Chairman);
   the Professors of Medicine, Surgery, Obstetrics, Psychiatry, Anaesthetics, Community Medicine and Clinical Ophthalmology, *ex officio*, or their deputies;
   the Clinical Teacher who is most senior on the active hospital staff in Medicine, *ex officio*;
   the Clinical Teacher who is most senior on the active hospital staff in Surgery, *ex officio*;
   the Medical Superintendent, *ex officio*;
   two members elected by the honorary medical staff, a surgical and medical tutor, elected by the Board;
   the Warden of the Clinical School, *ex officio*;
   the Clinical Supervisors, *ex officio*;
   the full-time members of the Professorial units based on the hospital.
   (ii) In the case of Lidcombe Hospital, of
   the same members as for the five general teaching hospitals, plus
   the Regional Director, Western Metropolitan Health Region, *ex officio*, or his deputy;
   two members elected by the sessional consultant staff; and
   two members elected by the full-time specialist staff.
   (iii) in the case of the Women's Hospital (Crown Street), of:
   the Dean of the Faculty, *ex officio* (Chairman);
   the Head of the University Department of Obstetrics and Gynaecology, *ex officio* or his nominee;
   the members of the academic staff of the University located at or directly associated with the Hospital;
   the Chairman of the Medical Board of the Hospital, *ex officio*;
   the Medical Superintendent of the Hospital, *ex officio*;
   the Deputy Medical Superintendent of the Hospital, *ex officio*;
   not more than six members of the Medical Board of the Hospital who are involved in undergraduate teaching, elected by the Medical Board.
   (iv) in the case of St Margaret's Hospital for Women, of:
   the Dean of the Faculty, *ex officio* (Chairman);
   the Head of the Department of Obstetrics and Gynaecology, *ex officio*, or his nominee;
   the members of the academic staff of the University located at, or directly associated with, the Hospital;

the Chairman of the Medical Board of the Hospital, *ex officio*;
the Medical Superintendent of the Hospital, *ex officio*;
not more than four members of the Medical Board of the Hospital, who are involved in undergraduate teaching, elected by the Medical Board.

(v) in the case of the Royal Alexandra Hospital for Children of:
the Dean of the Faculty of Medicine, *ex officio* (Chairman);
the Professors of the Universities Department of Paediatrics, *ex officio*, or their deputies;
the Sir Lorimer Dods Professor and Director of the Children's Medical Research Foundation, or his deputy;
the Heads of the University Departments of Medicine, Surgery, Obstetrics and Gynaecology, Psychiatry, Anaesthetics and Ophthalmology and Eye Health, *ex officio*, or their deputies;
the Professor of Orthopaedic and Traumatic Surgery, *ex officio*, or his deputy;
the full-time members of the University Department of Paediatrics;
the Clinical Lecturers (part-time) in Surgical Diseases of Children, *ex officio*;
the Chairman of the Medical Board of the Hospital, *ex officio*;
the Medical Superintendent of the Hospital, *ex officio*, or his deputy;
the Warden of the Clinical School, *ex officio*;
the Clinical Supervisors, *ex officio*; and
not more than four members of the Medical Board of the Hospital who are involved in undergraduate teaching, elected by the Medical Board.

(vi) in the case of the Parramatta Hospitals/Westmead Centre of:
the Dean of the Faculty, *ex officio* (Chairman);
the Sub-Dean (Westmead Centre), *ex officio*;
the full-time members of the academic staff of the University located at the hospital;
the Heads of the University Departments of Medicine, Surgery, Obstetrics and gynaecology, Psychiatry, Anaesthetics and Community Medicine, *ex officio*, or their nominees;
the Professor of Child Health, *ex officio*;
those persons on whom the Senate has conferred the title Clinical Professor, Clinical Associate Professor, Clinical Senior Lecturer or Clinical Lecturer, and who are located at the hospital, *ex officio*;
the General Superintendent, *ex officio*;
the Director of Medical Services, *ex officio*;
the Director of Teaching and Research Resources, *ex officio*;
three members of the Medical Board nominated by the Chairman of the *Medical Board*.

(b) A Board of Medical Studies shall be established for the three psychiatric hospitals and shall consist of: the Dean or Pro-Dean of the Faculty, *ex officio* (Chairman); the Sub-Dean (Clinical) of the Faculty, *ex officio* (Deputy Chairman); the Professor of Psychiatry, *ex officio*; the Head of the Department of Medicine, *ex officio*, or his deputy; the Director of State Psychiatric Services, *ex officio*, or his deputy; the Director of the Division of Establishments, Department of Public Health, *ex officio*; the Director for the Intellectually Handicapped, Department of Public Health, *ex officio*; the Medical Superintendents of the three hospitals, *ex officio*; the Clinical Supervisors, *ex officio*; the full-time members of the Professorial units based on the hospitals; three members elected by the specialist staff of the hospitals.

(c) Each Board shall have the power to co-opt other members of the Teaching Staff of the hospital concerned.

(d) At its first meeting each year each Board shall elect a secretary. In the case of the Parramatta Hospitals/Westmead Centre the administrative officer of the Clinical School shall be appointed secretary.

(e) Sydney Hospital students may nominate three members of the student body at Sydney Hospital to be members of the Board of Medical Studies at Sydney Hospital.

(f) Royal Prince Alfred Hospital students may nominate three members of the student body at Royal Prince Alfred Hospital to be members of the Board of Medical Studies at the Royal Prince Alfred Hospital.

(g) Repatriation General Hospital, Concord students may nominate three members of the student body at the Repatriation General Hospital, Concord, to be members of the Board of Medical Studies at the Repatriation General Hospital, Concord.

(h) Lidcombe Hospital students may nominate two members of the student body at Lidcombe Hospital to be members of the Board of Medical Studies of Lidcombe Hospital.

(i) Students at the Parramatta Hospitals/Westmead Centre may nominate three members of the student body at the Centre to be members of the Board of Medical Studies of the Parramatta Hospitals/Westmead Centre.

2. The members shall hold office for one year, but shall be eligible for re-election.

3. In the cases of the six general teaching hospitals the Board shall meet at least once each term. In the cases of the other hospitals, the Board shall meet at least once per year.

4. The Board shall arrange all the details in connection with the students' work and, subject to confirmation by the Board of Directors or controlling body, shall make rules in regard thereto, and, in general, carry out the recommendations of the Faculty of Medicine in each clinical school.

5. The Board is empowered to call upon any member of the honorary staff or any student, for information concerning time-table, attendances, or student work generally, the results of such inquiry to be reported to the Board of Directors when deemed advisable.

6. The Board shall make representations to the Board of Directors or controlling body in respect of additional facilities that may be deemed necessary for the improvement of undergraduate education, or to carry out the requirements of the Faculty of Medicine.

7. The Board shall report from time to time to the Board of Directors or controlling body and to the Faculty of Medicine upon the results of its deliberations and its actions.

8. The Board shall constitute the normal means of communication between the Faculty of Medicine and the hospital in all matters referring to the education of students. It shall refer any difficulty encountered to the

Faculty to which it shall be deemed responsible for the conduct of student education at each hospital.

ALLOCATION OF THIRD YEAR MEDICAL STUDENTS TO THE TEACHING HOSPITALS

1. At the commencement of the Third Year, students shall submit to the Registrar of the University applications for allocation to a Teaching Hospital, indicating their order of preference for the hospitals concerned and stating their place of residence.

2. The Dean of the Faculty of Medicine shall determine the number of students to be allocated to each hospital and this number shall in general be determined by the number of beds available for general teaching purposes in each hospital each year.

3. For the purposes of allocation, students shall be divided into six groups, as nearly as possible of equal number, in descending order of merit based on their aggregate marks at the Second Year Examinations. Within each group, students shall be allocated to the most appropriate hospital on a geographical basis according to their stated place of residence. Within each group the allocation will then be modified to conform as far as possible to the students' first preferences for hospitals. Allocation shall be initially undertaken by students in Third Year Medicine under the guidance of the Sub-Dean (Student Affairs) and the Dean.

4. For the purpose of allocating students to hospitals on a geographical basis, the metropolitan area of Sydney shall be divided into five regions, to be known as the Central, Northern, Eastern, Southern and Western regions. The regions shall be defined as follows:

Central Region: The University and its immediate environs: that is, all Colleges and the suburbs of Camperdown, Chippendale, Darlington, Forest Lodge, Glebe, Golden Grove, Newtown, Redfern and Surry Hills.

Northern Region: Includes the municipalities of Kuringai, Lane Cove, Manly, Mosman, North Sydney, Warringah and Willoughby.

Eastern Region: Includes the municipalities of Botany, Randwick, Waverley and Woollahra.

Southern Region: Includes the municipalities of Hurstville, Kogarah, Marrickville and Rockdale and Sutherland Shire, and the suburbs of East Hills, Narwee, Padstow, Panania, Picnic Point, Revesby and Undercliffe.

Western Region: The areas to the west of the Northern, Central, and Southern Regions as previously defined.

5. Within each group allocation will generally proceed as set out below, with modification determined by the number of students from each region and the students' stated preferences for hospitals. Students whose stated place of residence is within the Northern region shall mainly be allocated to the Royal North Shore Hospital. Students in the Eastern region shall mainly be allocated to Sydney Hospital or to the Royal Prince Alfred Hospital. Students in the Western region shall mainly be allocated to the Repatriation General Hospital, Concord, or to the Royal Prince Alfred Hospital or to the Lidcombe Hospital. Students in the Southern region shall mainly be allocated to the Royal Prince Alfred Hospital or to Sydney Hospital. Students in the Central region shall be allocated to any appropriate hospital.

6. Students allocated to one hospital may be permitted to exchange forthwith with students allocated to another hospital, provided they make immediate application to and obtain the approval of the Registrar of the University. Students shall not subsequently be permitted to exchange a hospital other than that to which they have been first allocated except with the express permission of the Dean of the Faculty of Medicine granted only for special reasons and with the concurrence of the Boards of Studies of the hospitals concerned.

7. Students with approval of the Faculty, may be permitted to receive clinical training in two or more teaching hospitals.

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICERS TO THE TEACHING AND NON-TEACHING HOSPITALS

1. Graduands in Medicine of the University of Sydney shall be allocated as Junior Resident Medical Officers to teaching and non-teaching hospitals by a Committee set up by the Hospitals Commission of New South Wales, which includes representatives of the Universities of Sydney and New South Wales and their teaching hospitals, and of non-teaching hospitals as determined by the Commission.

2. Candidates for the Final Degree Examination in Medicine shall complete a form indicating their order of preference for Junior Resident Medical Officer positions at the various hospitals.

3. A list of graduands in order of merit shall be prepared, based on the aggregate loaded marks used to determine the award of Honours at graduation. Any concession allowed under paragraph 3 of the Faculty Resolutions on Honours at Graduation shall be taken into account in preparing such a list. The list shall also show the aggregate loaded mark expressed as a percentage, for each candidate.

4. The list referred to in paragraph 3 shall be forwarded confidentially to the Health Commission of New South Wales, who will prepare a combined order of merit list of graduands from the Universities of Sydney and New South Wales based on the aggregate loaded percentage marks of each graduand. In the case of ties, position in the combined list shall be determined by lot.

5. Graduands will be allocated to Junior Resident Medical Officer posts, in accordance with their order of preference, in the order in which they appear in the combined order of merit list.

6. The University of Sydney shall make its choice of appointees to Professorial Units at the several teaching hospitals, and transmit the names of these graduands to the Health Commission of New South Wales at the time of submitting its order of merit list.

7. The above procedure shall operate for the allocation of Junior Resident Medical Officers for the years 1976 and 1977, and then be subject to review.

In 1972 the Faculty of Medicine recommended to the Health Commission of New South Wales that in the appointment to hospitals of Junior Resident Medical Officers, students married to other students in the same year may apply to be considered for allocation to the same hospital provided it is the hospital to which the student with the lower aggregate would have been allocated. The Hospitals Commission advised the Faculty that every effort will be made to comply with any reasonable request regarding allocation made by students.

POSTGRADUATE DIPLOMAS

If 5 years or more have elapsed since a candidate for a postgraduate diploma passed Part I examination he shall, before applying to the Registrar for admission to the Part II examination obtain a certificate from the Dean of the Faculty of Medicine certifying that his knowledge is adequate for him to proceed.

If 5 years or more have elapsed since a candidate for a postgraduate diploma sat for, but did not pass the Part II examination, he shall, before applying to the Registrar for re-admission to the examination obtain a certificate from the Dean of the Faculty of Medicine certifying that his knowledge is adequate for him to proceed.

BOARDS OF EXAMINERS AND BOARDS OF POSTGRADUATE STUDIES

Pursuant to section 12 of Chapter VIII of the By-laws, the Faculty of Medicine has resolved to appoint the following Boards of Examiners and Boards of Postgraduate Studies:

Boards of Examiners

1. The Faculty of Medicine shall appoint annually Boards of Examiners which shall be responsible for assessment of performance in the courses and for the conduct of examinations for the subjects laid down in the By-laws governing the degrees of Bachelor of Medicine and Bachelor of Surgery as from 1st January, 1974.
2. There shall be five Boards of Examiners, namely, the Board of Examiners for Premedical Assessment; the Board of Examiners for Preclinical Assessment; the Board of Examiners for Paraclinical and Clinical Science Assessment; and the Board of Examiners for Assessment of Assignments; and the Board of Examiners for Assessment of Options.
3. The Boards of Examiners shall consist of the Head of each Department with responsibility for the segment of the course for the degrees being examined, and/or his representative or representatives, together with the Heads of Departments with responsibility for other segments of the course for the degrees and/or their representative or representatives.

The Board of Examiners for Paraclinical and Clinical Science Assessment and the Board of Examiners for Assessment of Options shall include the members of the Interdepartmental Committee established for the Clinical Science course in accordance (and the options term in accordance) with Chapter VIII of the By-laws.
4. The Dean of the Faculty or his nominee shall be *ex officio* chairman of each Board of Examiners.
5. The Dean shall invite representatives of the teaching hospitals to be present at the Board of Examiners for Assignment and Options Assessment.

Degree of Bachelor of Science (Medical)
1. The Faculty of Medicine shall appoint annually a Board of Examiners which shall be responsible for the conduct of examinations in the subjects laid down in the By-laws governing the degree of Bachelor of Science (Medical).
2. The Board of Examiners shall consist of the Head of each Department with responsibility for the subjects for the degree, and/or his representative or representatives.
3. The Dean of the Faculty or his nominee shall be *ex officio* chairman of the Board of Examiners.

Boards of Postgraduate Studies

The Faculty has resolved to appoint the following Boards of Postgraduate Studies:
1. *Postgraduate Degrees Board*
1. The Faculty of Medicine shall appoint annually a Postgraduate Degrees Board which shall be responsible for the conduct of examinations in respect of postgraduate degrees.
2. The Board shall consist of the Heads of Departments within the Faculty.
3. The Dean of the Faculty or his representative shall be *ex officio* chairman of the Board.

2. *Board of Examiners for Postgraduate Diplomas*
1. The Faculty of Medicine shall appoint annually Boards of Examiners which shall be responsible for the conduct of examinations for diplomas of the Faculty.
2. The Boards shall be known respectively as the Board of Examiners for the Diploma in Clinical Pathology; the Board of Examiners for the Diploma in Dermatological Medicine; the Board of Examiners for the Diploma in Diagnostic Radiology; the Board of Examiners for the Diploma in Ophthalmology; the Board of Examiners for the Diploma in Public Health; the Board of Examiners for the Diploma in Therapeutic Radiology; and the Board of examiners for the Diploma in Tropical Medicine and Hygiene.
3. The Boards shall consist of the examiners approved by the Dean and confirmed by the Faculty. The Dean or his nominee shall be *ex officio* chairman of each Board of Examiners.

Faculty of Science

BY-LAWS CHAPTER XIII

1. (1) The Faculty of Science shall comprise, apart from *ex officio* members, the following persons:

(a) The Professors, Readers, Associate Professors, Directors, Senior Lecturers, Lecturers, Principal Tutors[1], Senior Tutors and Assistant Lecturers being full-time permanent or full-time temporary members of the teaching staff in the subjects in which Honours courses are provided in the Science and Pharmacy curricula,

(b) the Deans of the Faculties of Arts, Agriculture, Engineering and Law or their nominees,

(c) the Director of the Electron Microscope Unit,

(d) the Curator of the Macleay Museum,

(e) not more than three persons distinguished in the field of Science and its teaching appointed by the Senate on the nomination of the Dean with the approval of the Faculty,

(f) not more than eight students, undergraduate, or post-graduate, enrolled as candidates for a degree or diploma in Science or Pharmacy in the University of Sydney elected in the manner prescribed by resolution of the Senate[2],

(g) the Course Supervisor for the Diploma in Nutrition and Dietetics,

(h) the Lecturer in History and Philosophy of Science,

(i) not more than five persons, who have teaching, research or other appropriate associations with the work of the Faculty, appointed by the Senate on the nomination of the Dean with the approval of the Academic Board;

(j) the Librarian, and

(k) such other full-time members of the teaching staff of Departments offering courses, but not offering Honours courses, for the degree of Bachelor of Science or Bachelor of Pharmacy, as may be annually appointed by the Faculty at a meeting in Michaelmas Term each year.

(2) The persons appointed under subsection (1) (e) shall be appointed for a period of three years and shall be eligible for reappointment for one further period of three years.

(3) The persons appointed under subsection (1) (i) shall be appointed for a period of three years and shall be eligible for re-appointment.

2. (1) The degrees in the Faculty of Science shall be:

(a) Bachelor of Science (B.Sc.)
(b) Master of Science (M.Sc.)
(c) Doctor of Science (D.Sc.)
(d) Doctor of Philosophy (Ph.D.)
(e) Bachelor of Pharmacy (B.Pharm.)
(f) Master of Pharmacy (M. Pharm.).

(2) The diplomas in the Faculty of Science shall be:

(a) Diploma in Computer Science (Dip. Comp. Sc.)
(b) Diploma in Nutrition and Dietetics (Dip. N.D.)
(c) Diploma in Hospital Pharmacy (Dip. H. Pharm.)
(d) Diploma in Resource Geology (Dip.Res. Geol.).

BACHELOR OF SCIENCE

3. (1) The degree shall be awarded in 2 grades, namely, the Pass degree and the Honours degree.

(2) There shall be 3 classes of Honours, namely, Class I, Class II and Class III and within Class II there shall be 2 Divisions, namely, Division 1 and Division 2.

4. Candidates subsequent to matriculation shall complete such requirements for the degree as may be prescribed by resolution from time to time by the Senate on the recommendation of the Academic Board and the Faculty of Science.[1]

5. The provisions of section 4 and the resolutions[1] arising therefrom shall come into force on the first day of January, 1968, provided that candidates for the degree of Bachelor of Science or for the degree of Bachelor of Science in General Science who commenced prior to this date, may complete in accordance with the By-laws existing at the time they commenced, provided that they complete the requirements for the degree by 31st December, 1971, or such later date as the Faculty may approve in special cases, provided further that, if a course specified in those By-laws is discontinued, the Faculty may permit candidates to substitute a course or courses prescribed in accordance with the provisions of section 4 and deemed by the Faculty to be equivalent to the discontinued course. Candidates who do not complete such requirements by that date will complete the requirements for the degree under such conditions as may be determined from time to time by the Dean.

MASTER OF SCIENCE

6. (1) The Faculty may, on the recommendation of the Head of the Department concerned, admit to candidature for the degree an applicant—

(a) who is a graduate of the University of Sydney; and

(b) who has, in the opinion of the Faculty, reached a first or second class Honours standard—

(i) in the final year of an Honours course approved by Senate Resolution for either the degree of Bachelor of Science or the degree of Bachelor of Pharmacy; or

[1] The Senate has approved an amendment of the by-laws to give effect to the discontinuation of the grade of principal tutor.

[2] See Senate Resolutions following Chapter VIII.

[1] See Senate Resolutions this chapter.

(ii) in a course considered by the Faculty to be equivalent to a course referred to in subparagraph (i),

or who has, in some other manner, acquired a standard of knowledge considered by the Faculty to be equivalent to a first or second class Honours standard in a course referred to in subparagraph (i).

(2) Notwithstanding subsection (1), the Academic Board may admit a person to candidature for the degree in accordance with the provisions of Chapter XXVIA of these by-laws.

7. A candidate shall complete such requirements for the degree as may be prescribed by Resolution of the Senate on the recommendation of the Academic Board and of the Faculty of Science.

8. (1) Section 7 and the Resolutions arising therefrom shall take effect on 1 January 1975.

(2) Notwithstanding subsection (1), a candidate who is admitted to candidature for the degree before 1 January 1975, may complete the degree in accordance with the by-laws existing at the time he so commenced subject to any amendments thereof that take effect before 1 January 1975.

9–11. [Repealed.]

DOCTOR OF SCIENCE

12. The degree of Doctor of Science shall not be conferred except as prescribed in Chapter XIXB.[1]

DOCTOR OF PHILOSOPHY

13. The degree of Doctor of Philosophy shall not be conferred except as prescribed in Chapter XIXD.

BACHELOR OF PHARMACY

14. (1) The degree shall be awarded in 2 grades, namely, the Pass degree and the Honours degree.

(2) There shall be 3 classes of Honours, namely, Class I, Class II and Class III and within Class II there shall be 2 Divisions, namely, Division 1 and Division 2.

15. Candidates subsequent to matriculation shall complete such requirements for the degree as may be prescribed by resolution from time to time by the Senate on the recommendation of the Academic Board and the Faculty of Science.[2]

16. The provisions of section 15 and the resolutions arising therefrom shall come into force on the first day of January, 1969, provided that candidates for the degree of Bachelor of Pharmacy who commenced prior to this date may complete in accordance with the By-laws existing at the time they commenced, provided that they complete the requirements for the degree by 31st December, 1972, or such later date as the Faculty may approve in special cases; provided further that, if a course specified in those By-laws is discontinued, the Faculty may permit candidates to substitute a course or courses prescribed in accordance with the provisions of section 15 and deemed by the Faculty to be equivalent to the discontinued course. Candidates who do not complete such requirements by 31st December, 1972, will complete the requirements for the degree under such conditions as may be determined from time to time by the Dean.

[1] For resolutions of the Faculty of Science concerning the submission of published work for examination for the degree of Doctor of Science see Faculty Resolutions this chapter.

[2] See Senate Resolutions this chapter.

MASTER OF PHARMACY

17. An applicant for admission as a candidate for the degree shall—

(a) except as provided in Chapter XXVIA of these By-laws be a Bachelor of Pharmacy of the University of Sydney with first or second class honours in that branch of Pharmaceutical Science in which he seeks to be a candidate;

(b) pass a preliminary examination unless he is a Bachelor of Pharmacy with first or second class honours or exempted by the Faculty;

(c) apply during Lent Term for the approval of the Head of the Department and of the Faculty of the topic of a thesis.

18. After admission by the Faculty a candidate shall—

(a) not less than one year after passing the preliminary examination nor less than six months after approval of the topic of the thesis lodge a thesis embodying the results of an original investigation by him;

(b) if required by the examiners, sit for an examination in the branch or branches of Pharmaceutical Science to which the topic of his thesis relates.

19. The investigation shall be carried out in the University of Sydney, except that the Faculty may permit a candidate who is a graduate of the University of Sydney to carry out the investigation or part of it elsewhere.

20. The Faculty shall appoint a member of the staff of the University to act as adviser to the candidate.

21. A candidate shall lodge with the Registrar three copies (printed or typewritten) of his thesis not later than the first day of February of the year in which he is to be examined for the degree. He shall state in this thesis, generally in a preface and specifically in notes, the sources from which his information was derived, the extent to which he has availed himself of the work of others, and the portion of the thesis which he claims as original.

22. The Faculty shall appoint two examiners of whom one should be normally the person appointed to act as adviser in accordance with Section 20 of this chapter.

23. The degree is not conferred in the case of a Bachelor of Pharmacy with first or second class honours until the candidate is a graduate of one year's standing and in the case of any other candidate until he is a graduate of two years' standing.

24. (1) A candidate admitted under Chapter XXVIA of these By-laws shall,

(a) be a graduate in Pharmacy of another University at the time of his admission or hold such other qualifications in Pharmacy as may be considered equivalent by the Faculty and the Academic Board; and

(b) engage for a period of not less than two years in advanced study and research in the University of Sydney.

(2) Time spent by a candidate in advanced study and research in the University of Sydney before admission as a candidate may, for the purpose of this By-law, be deemed by the Faculty to be time spent after such admission.

DIPLOMAS

25. A candidate for a diploma shall complete the requirements for the diploma as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.

RESOLUTIONS OF THE SENATE

BACHELOR OF SCIENCE

In accordance with Chapter XIII, section 4 of the By-laws, the following Resolutions governing candidature for the degree of Bachelor of Science have been prescribed by the Senate:

1. (1) A course shall consist of lectures together with such tutorial instruction, essays, exercises or practical work as may be prescribed. In these resolutions, 'to complete a course' and derivative expressions mean—

(a) to attend the lectures and the meetings, if any, for tutorial instruction;

(b) to complete satisfactorily the essays, exercises and the practical work, if any; and

(c) to pass the examinations of the course.

(2) Each course shall be designated as a 'Junior' course, an 'Intermediate' course, a 'Senior' or a 'Senior Advanced' course. Each Intermediate course shall be designated as 'Normal', 'Auxiliary', 'Introductory', 'Concurrent Degree', 'Long' or 'Combined'.

(3) Except as provided in subsections (4) and (5) candidates who have completed a course shall have units credited towards the completion of a degree in accordance with the following:

Junior Course	6 units
Intermediate courses—	
Normal	8 units
Auxiliary	4 units
Introductory	4 units
Concurrent Degree	6 units
Long	10 units
Combined	12 units
Senior Course	12 units
Senior Advanced Course	12 units

(4) Candidates who have completed the Intermediate Normal Course in a subject may subsequently take the Intermediate Long Course in that subject. On completion of this course such candidates will be credited with an additional 2 units.

(5) Candidates who have completed the Intermediate Auxiliary Course in a subject may, subject to any other provisions of these Resolutions, subsequently take either the Intermediate Long Course or the Intermediate Normal Course in that subject. On completion of the Intermediate Long Course such candidates will be credited with an additional 6 units, or on completion of the Intermediate Normal Course with an additional 4 units.

2. In these resolutions, the roman numeral I, II, III, or IV placed immediately after the name of a subject means the First, Second, Third and Fourth course respectively in that subject.

3. (1) An examination called an 'Annual Examination' shall be held at the end of each course.

(2) Candidates may be tested by written and oral class examinations, exercises, essays or practical work or any combination of these and the results of such tests may be taken into account in determining the results of the annual examinations.

(3) In all courses work of a standard higher than that required for an ordinary pass may be recognised by the award of High Distinction, Distinction or Credit.

(4) (i) In any course at the Annual Examination the Faculty may award a Terminating Pass which entitles the candidate to be credited with the full number of units for that course. Candidates who have been awarded a Terminating Pass in a course are not thereby qualified to take a higher course in that subject, but otherwise such candidates shall be held to have completed such course.

(ii) Candidates who have been awarded a Terminating Pass in any course may take that course again. On completion of this course such candidates will not be credited with any further units.

4. Candidates who have been prevented by duly certified illness or misadventure from sitting for the whole or part of the Annual Examinations may be tested at such times and in such way as the Faculty shall determine.

5. Candidates who have completed a course shall be held to have so far qualified for the degree.

6. Candidates who do not pass the Annual Examinations in a course shall, unless exempted by the Dean, again attend lectures and other classes and complete the prescribed written and other work in all such courses in which they are permitted to re-enrol.

7. Candidates who present themselves for re-examination in any course shall not be eligible for any prize or scholarship awarded in connection with such examination.

8. (1) Graduates in other Faculties who desire to proceed to the degree of Bachelor of Science may be given credit of not more than 26 units for courses set out in Resolution 15 provided they have completed for their previous degree those courses or a course or courses considered by the Faculty to be equivalent and shall complete sufficient courses not already taken to gain the requisite units. The approval of the Faculty must be obtained for the courses proposed.

(2) Students who have completed a course or courses in another Faculty or in other Faculties may apply for permission to transfer to the Faculty of Science. Students who are granted such permission may be given credit for any number of courses provided they have completed in the other Faculty or Faculties, this course or a course or courses considered by the Faculty to be equivalent and provided they have abandoned credit for that course or those courses in the other Faculty or Faculties and shall be required to complete in accordance with the requirements of these resolutions the requisite number of courses not already taken.

(3) In each of the circumstances of the foregoing subsections, where an applicant for candidature has completed courses which are not comparable with any of the courses set out in the Tables, the Faculty may, either instead of or in addition to giving credit for any course that is so set out, give credit for such number of units, to be designated by the Faculty as Junior, Intermediate, Senior or Senior Advanced, as the Faculty may determine, and all units so credited shall, notwithstanding anything contained in these resolutions, count accordingly towards the satisfaction of the requirements of the degree.

9. Except with the permission of the Faculty:

(i) candidates may not take an Intermediate course:

(a) until they have completed at least three Junior Courses of which one must be Physics I (or Physics I (Life Sciences)),

Chemistry I, Mathematics I or General Pure Mathematics; and

(b) until they have completed the Junior Courses, if any, prescribed by the Faculty as prerequisites for the Intermediate Course as set out in Resolution 15;

(ii) candidates may not take a Senior Course:

(a) until they have gained credit for at least 16 units in Intermediate Courses;

(b) until they have completed at least two of the courses Physics I (or Physics I (Life Sciences)), Chemistry I, Mathematics I or General Pure Mathematics; and

(c) until they have completed the Intermediate and Junior Courses, if any, prescribed by the Faculty as prerequisites for the Senior Course as set out in Resolution 15;

(iii) candidates may not take the Senior Advanced Course in a subject except with the permission of the Head of the Department concerned and then only concurrently with the co-existing Senior Course in the same subject, unless that Senior Course has been completed previously;

(iv) candidates may not take Course II or any other higher course in any subject without having previously completed the lower course or courses in the same subject or, in the case of a candidate who has not failed in the lower qualifying course, some other course or courses allowed by the Faculty to count as equivalent. For the purposes of this subsection candidates who complete an Intermediate Auxiliary Course do not thereby qualify to take the Senior Course in that subject; candidates who complete the Intermediate Introductory Course in a subject may, subject to the conditions of subsection (ii), take the Senior Course in that subject.

10. Candidates for the Pass degree shall:

(1) except as provided in Resolution 13(2) or if granted credit in accordance with Resolution 8 enrol during the first year of attendance in four Junior courses chosen as follows:

one course from Group (a) and one course from Group (b) and

(i) two courses from Group (c); or

(ii) one course from Group (c) and one course from Group (d); or

(iii) one course from Group (c) and one course from Group (e)

where

Group (a) includes Mathematics I and General Pure Mathematics;

Group (b) includes Physics I (or Physics I (Life Sciences)) and Chemistry I;

Group (c) includes Physics I (or Physics I (Life Sciences)), Chemistry I, Computer Science I, Geology I, Biology I, Geography I and Psychology I;

Group (d) includes Legal Institutions; and

Group (e) includes Accounting I, Economics I (or The Australian Economy), Economic History I, English I, Linguistics I, History I, Archaeology I, Biblical Studies I, Philosophy I, Government I, Anthropology I, Music I, Fine Arts I, Religious Studies I, Islamic Studies I, or any of the First Year courses in the subjects Greek, Modern Greek, Latin, Hebrew, French, German, Italian, Chinese, Japanese, Arabic and Indonesian and Malayan Studies.[1]

(2) Complete: (a) either Mathematics I or General Pure Mathematics; and

(b) two courses chosen from Physics I (or Physics I (Life Sciences)), Chemistry I, Geology I, Biology I, Geography I and Psychology I of which at least one shall be Chemistry I or Physics I (or Physics I (Life Sciences)).

(3) complete courses totalling at least 70 units of which—

(a) at least 36 shall be units for Senior and Intermediate Courses;

(b) at least 12 shall be units for Senior Courses;

(c) at least 16 shall be units for Intermediate (Normal, Long or Combined) Courses, provided that the Faculty may admit a candidate who takes two Senior Courses, a prerequisite for one of which is an Intermediate 4 unit Course, to count that Intermediate 4 unit Course along with another Intermediate 4 unit Course as together constituting an equivalent Intermediate Normal Course;

(d) not more than 14 units shall be credited towards the degree from the courses Education II, Contracts, Public Law and Torts and/or courses selected from paragraph (1), Group (e) of this Resolution.

(4) (a) gain credit for at least 70 units to which not more than 14 units shall be credited from courses in which terminating passes have been awarded after 1 January 1977;

(b) after 1 January 1982, count not more than two courses completed by the award of terminating passes as qualifying for the degree.

11. The choice of courses made by candidates shall be limited by the exigencies of the time-table provided that candidates who have completed at least three Junior courses and who seek to enrol in two courses which are given wholly or partly at the same hour or hours, may be granted by the Heads of the Departments concerned, permission to attend equivalent courses or parts of courses given at another hour or other hours.

12. Candidates who in any year intend to proceed towards the degree of Bachelor of Science as part-time students shall indicate this intention when enrolling.

13. (1) Except with the permission of the Faculty, candidates may not take in any one academic year more than four courses, or courses with a total number of units in excess of 26.[2]

(2) Candidates proceeding as part-time students shall not, except with the permission of the Faculty take in any one academic year more than three courses, or courses with a total number of units in excess of 18. They shall not take courses with a total number of units less than 6. A candidate who enrols in courses with a unit value in excess of 18 without such permission shall be deemed to be a full-time student.

14. (1) No course may be counted more than once as a qualifying course for the degree.

(2) Candidates may not have credited for the degree units derived from more than one of such courses as the Faculty deem to be mutually exclus-

[1] In selecting a course from Group (e), candidates shall be required to comply with Resolution 11 of these Resolutions as well as those of the Faculties of Arts and Economics with respect to such course.

[2] A course here includes Intermediate Introductory and Auxiliary Courses

ive[1] except as provided in Resolution 1 (4) and (5).

(3) A candidate who has enrolled in a course, a non-optional part of which is similar in content to part of (i) a course previously completed or (ii) another course in which he is currently enrolled, must complete an equivalent amount of alternative work, as directed by the Head(s) of Department(s) concerned, in order to complete the course.

(4) A candidate may not take an option within a course which is similar in content to part of a course concurrently being taken or previously completed.

(5) A candidate may not have credited for the degree more than 16 units derived from Intermediate courses in Biology or more than 24 units derived from Senior or Senior Advanced courses in Biology.

15. Courses for the degree shall:

(a) be in such subjects;

(b) have such unit values; and

(c) have such prerequisite and co-requisite courses

as set out in the following table, except that the Faculty may permit a candidate of merit under special circumstances to enrol in a course or courses other than those specified in this table and to have such units credited towards his degree upon completing such a course or courses as the Faculty may determine.

[1] The following courses have been deemed by the Faculty of Science to be mutally exclusive:
Agricultural Chemistry I and all Intermediate Courses in Biochemistry
Mathematics I and General Pure Mathematics
Economics I and The Australian Economy
Physics I and Physics I (Life Sciences)
Biology IIK and Introductory Biology IIG
Biology IIK and Biology IIG
Chemical Engineering Science and Civil Engineering Science
Mathematical Statistics II and Statistical Methods.
Applied Mathematics II and Mathematical Methods II
An Intermediate Long Course and any other Intermediate Course in the same subject (except for Intermediate Courses in Biology—see above)
An Intermediate Normal Course and any other Intermediate Course in the same subject (except for Intermediate Courses in Biology—see above)

For the purposes of these resolutions:

(i) prerequisite course means a course other than a lower qualifying course in a subject which except with the permission of the Head of the Department concerned, must have been completed prior to a candidate taking a course for which the Faculty has declared it to be a prerequisite;

(ii) co-requisite course means a course which unless previously completed must, except with the permission of the Head of the Department, be taken concurrently with the course for which the Faculty has declared it to be a co-requisite.

15A. Notwithstanding the provisions of Chapter XIXA of the By-laws and subject to section 10 of these Resolutions, a person may proceed concurrently as a candidate for the degrees of Bachelor of Science and Bachelor of Laws and may receive credit for up to 20 units in respect of the courses Legal Institutions, Public Law, Contracts and Torts for the Bachelor of Science degree, provided that such a candidate may not, except with the express permission of the Deans of the Faculties of Science and Law, enrol in courses of a total unit value exceeding that specified in section 13 of these Resolutions.

16. (1) Candidates for the Honours degree shall complete an Honours course.

(2) There shall be an Honours course in the following subjects:

Pure Mathematics, Applied Mathematics, Mathematical Statistics, Physics, Computer Science, Theoretical Chemistry, Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Geology, Exploration Geophysics, Geography, Geomorphology with Geography, Biology, Biochemistry, Physiology, Microbiology, Histology, Pharmacology, Agricultural Chemistry, Soil Science, Psychology, Cell Pathology, Marine Sciences and Anatomy.

TABLE [*See Resolution 15*]

[*Continued following table*]

(a) **Courses**	(b) **Unit values**	(c) **Assumed standard of knowledge at matriculation examination or Higher School Certificate examination (as approved by the Senate)**	(d) **Prerequisites (P) and Corequisites (C)**	(e) **Additional information about courses**
A. Junior courses				
Biology I	6	The Biology section of the Science multistrand 4 unit course†[1]		See prerequisites for intermediate and senior courses in Biology
Chemistry I	6	Mathematics 2 unit course and the Chemistry section of the Science multistrand 4 unit course or 2 unit Chemistry†		See prerequisites for Chemistry II
Computer Science I	6	Mathematics 2 unit course		

[1] Students who have taken either 2 units of Physics and 2 units of Chemistry, or the 4 unit Multistrand Science, and have performed well in these courses, have been able to achieve a satisfactory standard in first year (Junior) Biology courses in the past.

† Candidates who have not achieved this assumed standard will be required to undertake supplementary work, details of which are set out in the *Guide for New Students*.

TABLE [*See Resolution 15*]

(a) Courses	(b) Unit values	(c) Assumed standard of knowledge at matriculation examination or Higher School Certificate examination (as approved by the Senate)	(d) Prerequisites (P) and Corequisites (C)	(e) Additional information about courses
A. Junior courses—continued				
General Pure Mathematics	6	Mathematics 2 unit course†		Terminating course
Geography I	6			
Geology I	6	No previous knowledge of Geology assumed'		See prerequisites for Geology II
Mathematics I	6	Mathematics 3 unit course		
Physics I	6	Mathematics 3 unit course and the Physics section of the Science multistrand 4 unit course or 2 unit Physics†	C: Mathematics I	See prerequisites for Physics II and Physics III
Physics I (Life Sciences)	6	Mathematics 2 unit course and the Physics section of the Science multistrand 4 unit course or 2 unit Physics†		**
Psychology I	6			See prerequisites for Psychology II and Psychology III
Accounting I	6			
Economic History I	6			
Economics I	6	Mathematics 2 unit course		
Government I	6			
Legal Institutions	6			
The Australian Economy	6			May not be counted with Economics I
Anthropology I	6			
Arabic IA	6			
Arabic IB	6			
Archaeology I	6			
Biblical Studies I	6			
Chinese IA	6			
Chinese IB	6			
English I	6			
Fine Arts I	6			
French IAB	6			
French IA	6			
French IB	6			
German IAB	6			
German IA	6			
German IB	6			
Greek IA	6			
Greek IB	6			
Greek IB (Koine)	6			
Hebrew IA	6			
Hebrew IB	6			
History I	6			
Indonesian and Malayan Studies IA	6			

Students should consult the Faculty of Arts Handbook to determine any prerequisites, corequisites or other requirements relating to enrolment in courses offered by departments in the Faculty of Arts.

† Candidates who have not achieved this assumed standard will be required to undertake supplementary work, details of which are set out in the *Guide for New Students*.

' Students enrolling in Geology I should have Physics or Chemistry as a background—either in a 2 unit or a 4 unit Science course.

** This course is not acceptable as a qualifying course for Physics II except by special arrangement with the head of the School of Physics.

TABLE [*See Resolution 15*]

(a) Courses	(b) Unit values	(c) Assumed standard of knowledge at matriculation examination or Higher School Certificate examination (as approved by the Senate)	(d) Prerequisites (P) and Corequisites (C)	(e) Additional information about courses
A. Junior courses—continued				
Indonesian and Malayan Studies IB	6			
Italian IA	6			
Italian IB	6			
Islamic Studies I	6			
Japanese IA	6			
Japanese IB	6			
Latin IA	6			
Latin IB	6			
Linguistics I	6			
Modern Greek IAB	6			
Modern Greek IA	6			
Modern Greek IB	6			
Music I	6			
Philosophy I	6			
Religious Studies I	6			

Students should consult the Faculty of Arts Handbook to determine any prerequisites, corequisites or other requirements relating to enrolment in courses offered by departments in the Faculty of Arts.

(a) Courses	(b) Unit values	(c) Prerequisites (P) and Corequisites (C)	(d) Faculty of Science resolutions governing courses	(e) Additional information about courses
B. Intermediate courses				
(1) Normal				
Agricultural Chemistry I	8		Chemistry I is the qualifying course. Students obtaining a 'T' pass in Chemistry I may apply under Resolution 9(iv) for admission. May not be counted with any intermediate course in Biochemistry.	Faculty is unlikely to consider requests made under Resolution 9(iv) unless you have gained satisfactory results in your other three Junior subjects
Applied Mathematics II	8	P: Mathematics I		
Biochemistry I	8		Chemistry I is the qualifying course. May not be counted with Agricultural Chemistry I	You are advised also to enrol in any intermediate Chemistry course
Biology IIE	8	P: Chemistry I and Physics I or Physics I (Life Sciences) or Mathematics I or General Pure Mathematics	Biology I is the qualifying course	This course is dominantly animal biology. See prerequisites for senior courses in Biology
Biology IIJ	8	P: Chemistry I and Physics I or Physics I (Life Sciences) or Mathematics I or General Pure Mathematics	Biology I is the qualifying course. May not be counted together with Biology IIJ Auxiliary	This course is dominantly plant biology. See prerequisites for senior courses in Biology
Biology IIK	8	P: Chemistry I and Physics I or Physics I (Life Sciences) or Mathematics I or General Pure Mathematics	Biology I is the qualifying course. May not be counted together with Introductory Biology IIG	This course is cell biology, genetics, animal and plant development. See prerequisites for senior courses in Biology

(a) Courses	(b) Unit values	(c) Prerequisites (P) and Corequisites (C)	(d) Faculty of Science resolutions governing courses	(e) Additional information about courses
B. Intermediate courses (1) Normal—continued				
Chemical Engineering Science	8	P: Chemistry I P: Physics I P: Mathematics I C: Chemistry II or Chemistry II Long	May not be counted with either Civil Engineering Science or Mechanical and Aeronautical Engineering Science	
Chemistry II	8	P: Mathematics I or General Pure Mathematics		
Civil Engineering Science	8	P: Chemistry I P: Physics I P: Mathematics I	May not be counted with either Chemical Engineering Science or Mechanical and Aeronautical Engineering Science	
Computer Science II	8	P: Mathematics I or General Pure Mathematics		See prerequisites for Computer Science III
Education II	8	P: Psychology I or Philosophy I or Anthropology I		
Geography II	8		A candidate who has completed a Junior course in Mathematics and at least one of Physics I or Chemistry I and who has not taken Geography I may apply under Resolution 9(iv) for permission to enrol in Geography II	The Department of Geography is not normally prepared to support applications under Resolution 9(iv) to enrol in Geography II from persons other than those who in their first year of studies have completed four junior courses above the terminating pass grade and have not subsequently failed in any intermediate courses
Geology II	8	P: Chemistry I	A candidate who has completed Junior courses in Physics and Chemistry and who has not taken Geology I, may apply under Resolution 9(iv) for permission to enrol in Geology II	The Department of Geology and Geophysics is not normally prepared to support applications under Resolution 9(iv) to enrol in Geology II from persons other than those who have studied Geology at the Higher School Certificate level and who have successfully completed four Junior courses above the terminating pass grade. Students given such permission will be expected to attend a field camp in the long vacation prior to the commencement of the Intermediate year. They should, therefore, consult with the department as soon as results of their annual examinations are known
Mathematical Statistics II	8		Mathematics I is the qualifying course. A candidate who has passed the course General Pure Mathematics at credit standard may enrol in the course Mathematical Statistics II A candidate who has passed General Pure Mathematics but who has not gained a credit must, if he wishes to enrol in Mathematical Statistics II, consult the head of the Department	See prerequisites for Mathematical Statistics III

(a) Courses	(b) Unit values	(c) Prerequisites (P) and Corequisites (C)	(d) Faculty of Science resolutions governing courses	(e) Additional information about courses
B. Intermediate courses (1) Normal—continued				
Mechanical and Aeronautical Engineering Science	8	P: Chemistry I, Physics I and Mathematics I	May not be counted together with either Chemical Engineering Science or Civil Engineering Science	
Microbiology I	8	P: Biology I P: Chemistry I		
Physics II	8	P: Mathematics I		See prerequisites for Physics III
Physiology I	8	P: Chemistry I P: Physics I or Physics I (Life Sciences) P: Biology I[1] P: Mathematics I or General Pure Mathematics		See prerequisites for Physiology II
Psychology IIA	8	P: Mathematics I or General Pure Mathematics or Biology I		See prerequisites for Psychology III
Psychology IIB	8	P: Mathematics I or General Pure Mathematics or Biology I		Terminating course
Pure Mathematics II	8		Mathematics I is the qualifying course. A candidate who has passed the course General Pure Mathematics at credit standard may apply for permission to enrol in Pure Mathematics II	
Soil Science I	8	P: Chemistry I P: Physics I or Physics I (Life Sciences), or Mathematics I or General Pure Mathematics or Computer Science I		
B. Intermediate courses (2) Introductory[2]				
Introductory Anatomy	4	P: Biology I and two of Chemistry I, Physics I or Physics I (Life Sciences), Mathematics I or General Pure Mathematics		Class A. This is the qualifying course for Anatomy I.
Introductory Biology IIG	4	P: Chemistry I	Biology I is the qualifying course. May not be counted with Biology IIK	Class A. An introductory course in Genetics

[1] With the permission of the Head of the Department of Physiology, Psychology I may be substituted for Biology I.

[2] The Faculty has classified intermediate introductory and auxiliary courses according to their method of timetabling for lectures and practical sessions, viz:
Classification A:—lectures and practical sessions timetabled substantially for 4 hours per week throughout the year.
Classification B:—lectures and practical sessions timetabled substantially for 8 hours per week for half the year.
Sub-classification (1):—in Lent and the first half of Trinity term.
Sub-classification (2):—in the second half of Trinity term and Michaelmas term.
Each course's classification is shown in Column (e).
The Faculty has resolved, pursuant to Resolution 13 (1), that candidates taking in any one academic year two intermediate introductory or auxiliary courses may not, except with the permission of the Faculty, take both courses from Classification B(1) or both from B(2). They may, however, take two from Classification A, or one from Classification A and one from B, or one from Classification B(1) and one from B(2).

(a) Courses	(b) Unit values	(c) Prerequisites (P) and Corequisites (C)	(d) Faculty of Science resolutions governing courses	(e) Additional information about courses
B. Intermediate courses				
(2) Introductory—continued				
Introductory Entomology	4	P: Chemistry I C: Biology IIE	Biology I is the qualifying course	Class A. This course will count as 4 of the maximum of 16 units of Intermediate Biology available to a candidate for the degree. Except with the permission of the Head of the School of Biological Sciences, students wishing to take Entomology options in Biology IIIE will be required to take this course
Introductory Geophysics	4	C: Pure Mathematics II or Combined Mathematics II or Applied Mathematics II		Class A. This is the qualifying course for Exploration Geophysics and Geophysics
Introductory Histology	4	P: Chemistry I and Biology I		Class A. This is the qualifying course for Histology I
Introductory Marine Sciences	4			Class A. This is the qualifying course for Marine Sciences
Introductory Pharmacology	4	P: Biology I and Chemistry I C: Physiology I Auxiliary or Physiology I		Class A. This is the qualifying course for Pharmacology I
(3) Auxiliary[1]				
Biochemistry I Auxiliary	4	P: Chemistry I	May not be counted with Agricultural Chemistry I	Class A: Terminating course
Biology IIJ Auxiliary (1)	4	P: Physics I or Physics I (Life Sciences) or Mathematics I or General Pure Mathematics	May not be counted with Biology IIJ	Class B(1): Terminating course. This course is dominantly plant anatomy and physiology
Biology IIJ Auxiliary (2)	4		May not be counted with Biology IIJ	Class B(2): Terminating course. This course is dominantly plant taxonomy
Chemical Engineering Science Auxiliary	4	P: Chemistry I P: Physics I or Physics I (Life Sciences) P: Mathematics I		Class A
Chemistry II Auxiliary	4	P: Mathematics I or General Pure Mathematics		Class A: Terminating course
Contracts	4	P: Legal Institutions		Class A
Mathematical Methods II	4	P: Mathematics I		Class A: Terminating course
Microbiology I (Auxiliary)	4	P: Biology I P: Chemistry I		Class A: Terminating course
Perspectives on Science and Technology	4			Class A: One course only
Physiology I (Auxiliary)	4			Class A: Terminating course

[1] The Faculty has classified intermediate introductory and auxiliary courses according to their method of timetabling for lectures and practical sessions, viz:
Classification A:—lectures and practical sessions timetabled substantially for 4 hours per week throughout the year.
Classification B:—lectures and practical sessions timetabled substantially for 8 hours per week for half the year.
Sub-classification (1):—in Lent and the first half of Trinity term.
Sub-classification (2):—in the second half of Trinity term and Michaelmas term.
Each course's classification is shown in Column (e).
The Faculty has resolved, pursuant to Resolution 13 (1), that candidates taking in any one academic year two intermediate introductory or auxiliary courses may not, except with the permission of the Faculty, take both courses from Classification B(1) or both from B(2). They may, however, take two from Classification A, or one from Classification A and one from B, or one from Classification B(1) and one from B(2).

(a) Courses	(b) Unit values	(c) Prerequisites (P) and Corequisites (C)	(d) Faculty of Science resolutions governing courses	(e) Additional information about courses
B. Intermediate courses				
(3) Auxiliary—continued				
Soil Science I Auxiliary	4	P: Chemistry I P: Physics I or Physics I (Life Sciences) or Mathematics I or General Pure Mathematics or Computer Science I C: Any intermediate course in Chemistry or Biochemistry or Agricultural Chemistry I		Class A: Terminating course
Statistical Methods	4		May not be counted with Mathematical Statistics II	Class A: Terminating course
Torts	4	P: Legal Institutions		Class A
(4) Long				
Chemistry II Long	10	P: Mathematics I or General Pure Mathematics		
Geology II Long	10	P: Chemistry I	A candidate who has completed junior courses in Physics and Chemistry and who has not taken Geology I, may apply under Resolution 9(iv) for permission to enrol in Geology II Long.	The Department of Geology and Geophysics is not normally prepared to support applications under Resolution 9(iv) to enrol in Geology II Long from persons other than those who have studied Geology at the Higher School Certificate level, and who have successfully completed four junior courses above the terminating pass grade. Students given such permission will be expected to attend a field camp in the long vacation prior to the commencement of the intermediate year. They should, therefore, consult with the department as soon as results of their annual examinations are known.
(5) Combined				
Combined Mathematics II	12	Mathematics I is the qualifying course		This course comprises Mathematical Methods II and other options selected from those available for Pure Mathematics II and Applied Mathematics II
(6) Concurrent degree				
Public Law	6	P: Legal Institutions		
C. Senior courses				
Agricultural Chemistry II	12		May not be counted with Biochemistry II. Agricultural Chemistry I is the qualifying course. A candidate who has completed the courses Chemistry II and Biochemistry I or Biochemistry I Auxiliary, or Chemistry II Auxiliary (Organic and Physical) and Biochemistry I and who has not taken the course Agricultural Chemistry I may apply for permission of the Faculty to enrol in the course Agricultural Chemistry II	A student may not enrol in Agricultural Chemistry II without having completed Agricultural Chemistry I, if a terminating pass has been awarded in any of the 4 courses specified in column (d)

(a) Courses	(b) Unit values	(c) Prerequisites (P) and Corequisites (C)	(d) Faculty of Science resolutions governing courses	(e) Additional information about courses
C. Senior courses—continued				
Anatomy I	12	P: Two of Biochemistry I (or Biochemistry I Auxiliary) Physiology I (or Physiology I Auxiliary) and Introductory Histology	Introductory Anatomy is the qualifying course	
Applied Mathematics III	12			Students who complete the course Combined Mathematics II may enrol under Resolution 9(iv) in Applied Mathematics III
Biochemistry II	12			
Biology IIIE	12		Biology IIE is the qualifying course	This course is dominantly animal biology
Biology IIIJ	12		Biology IIJ is the qualifying course. Candidates should note that certain options require the completion of one of Chemistry II, Agricultural Chemistry I, Biochemistry I or Biochemistry (Auxiliary) and either Mathematics I or General Pure Mathematics	This course is dominantly plant biology
Biology III (Biophysics and Plant Physiology)	12	P: Biology I and Chemistry II or Agricultural Chemistry I or Biochemistry I or Biochemistry (Auxiliary) and Mathematics I or General Pure Mathematics	With the permission of the Head of School, a candidate who has not completed a second year Biology course may enrol in this course, provided that a credit or better standard in Biology I and one of the 8-unit prerequisites has been attained	
Biology IIIK	12		Biology IIK is the qualifying course. Biology IIIK may only be taken with another Biology III course with the approval of the Head of the School	This course is composed of certain options from the Biology IIIE, IIIG and IIIJ courses
Biology IIIG	12		Biology IIK or Introductory Biology IIG is the qualifying course. A candidate who has completed the course Biology I and at least one of the courses Pure Mathematics II, Mathematical Statistics II or Biochemistry I and who has not taken Introductory Biology IIG may apply for permission to enrol in the course Biology IIIG	This course is Genetics
Cell Pathology I	12	P: Biochemistry I, Physiology I Auxiliary and Introductory Histology C: Biochemistry II		
Chemistry III	12			

(a) Courses	(b) Unit values	(c) Prerequisites (P) and Corequisites (C)	(d) Faculty of Science resolutions governing courses	(e) Additional information about courses
C. Senior courses—continued				
Computer Science III	12	P: Pure Mathematics II or Applied Mathematics II or Mathematical Statistics II		Candidates who wish to proceed to Computer Science Honours should desirably have completed a senior Mathematics course Electrical Engineering Mathematics II is an adequate prerequisite for Engineering students wishing to enrol in Computer Science III
Exploration Geophysics	12	C: Geology III	Either Introductory Geophysics or Geology II is the qualifying course	
Geography III (Economic)	12			
Geography III (Physical)	12			
Geology III	12			
Geophysics	12	C: Pure Mathematics III or Applied Mathematics III or Physics III	Introductory Geophysics is the qualifying course	
Histology I	12	P: Biochemistry I or Biochemistry I Auxiliary or Agricultural Chemistry I	Introductory Histology is the qualifying course	
Marine Sciences	12		All selections of options must be approved by the head of the Department of Geology and Geophysics. Introductory Marine Sciences is the qualifying course	Students should consult the prerequisites for each of the component course options listed in the Faculty Handbook entry for Marine Sciences
Mathematical Statistics III	12	P: Pure Mathematics II		
Microbiology II	12	P: Biochemistry I or Biochemistry I Auxiliary or Agricultural Chemistry I		
Pharmacology I	12	P: Two of Chemistry II or Chemistry II Auxiliary, Physiology I or Physiology I Auxiliary, Biochemistry I or Biochemistry I Auxiliary	Introductory Pharmacology is the qualifying course	
Physiology II	12	P: Biochemistry I or Biochemistry I Auxiliary or Agricultural Chemistry I and Introductory Histology or Introductory Anatomy		
Physics III	12	P: Pure Mathematics II or Combined Mathematics II		

(a) Courses	(b) Unit values	(c) Prerequisites (P) and Corequisites (C)	(d) Faculty of Science resolutions governing courses	(e) Additional information about courses
C. Senior courses—continued				
Psychology III	12	P: Pure Mathematics II or Applied Mathematics II or Mathematical Statistics II or Biology IIE or Biology IIK or Physiology I or Biochemistry I		
Pure Mathematics III	12			Students who complete the course Combined Mathematics II may enrol under Resolution 9(iv) in Pure Mathematics III
Soil Science II	12	P: Chemistry II or Agricultural Chemistry I or Biochemistry I		
D. Senior Advanced courses (May only be taken with approval of the head of department)				
Applied Mathematics III Advanced	12	C: Applied Mathematics III		
Biology III Advanced	12	C: Biology IIIE or Biology IIIJ		
Chemistry III Advanced	12	C: Chemistry III		
Geology III Advanced	12	C: Geology III		
Pharmacology I Advanced	12	C: Pharmacology I		
Physiology II Advanced	12	C: Physiology II		
Pure Mathematics III Advanced	12	C: Pure Mathematics III		

17. In order to qualify for admission to an Honours course candidates shall:

(1) except with the permission of the Faculty, in two years prior to admission to the Honours course, have completed at least 46 units including 24 from Senior and/or Senior Advanced courses[1] and at least 16 from Intermediate Normal and/or Long courses;

(2) except with the permission of the Faculty, have completed at the first attempt any Intermediate, Senior, or Senior Advanced course taken, and be of not more than four years' standing or in the case of candidates who are part-time students, of not more than five years' standing as matriculated students in the Faculty;

(3) have qualified for the award of a Pass degree and be considered by the Head of the Department concerned to have the requisite knowledge and aptitude for an Honours course;

(4) except with the permission of the Faculty have completed the Senior Course in that subject.

18. (1) There shall be no re-examination for Honours.

(2) The candidate who shall have most distinguished himself in the subject of each Honours Course shall, if he possesses sufficient merit, receive a bronze medal.

19. (1) Candidates may not take more than one Honours course in any one academic year.

(2) Candidates who have qualified for the Honours degree may, before the degree is conferred, take in the next succeeding year or at such later time as the Faculty permits, an additional Honours course which they are qualified to enter.

20. Notwithstanding any provisions of Chapter XIXA of the By-laws or any other of these Resolutions, students who have completed studies in the Faculty of Engineering may be admitted by the Faculty of Science to candidature for the degree. Such students shall comply with such requirements for the degree as may be prescribed by the Resolutions of the Senate and by Resolution of the Faculty.[1]

[1] Prospective Honours candidates who propose to take only one Senior course and who do not propose to take the Senior Advanced course should, prior to enrolment, apply in writing for approval of their proposed programmes.

[1] See also Faculty Resolutions this Chapter.

BACHELOR OF PHARMACY

In accordance with Chapter XIII, section 15 of the By-laws, the following Resolutions governing candidature for the degree of Bachelor of Pharmacy have been prescribed by the Senate:

1. (1) A course shall consist of lectures together with such tutorial instruction, essays, exercises or practical work as may be prescribed. In these Resolutions, 'to complete a course' and derivative expressions mean—

(a) to attend the lectures and the meetings, if any, for tutorial instruction;

(b) to complete satisfactorily the essays, exercises and the practical work, if any; and

(c) to pass the examinations of the course.

(2) Each course shall be designated as a 'Junior' course, an 'Intermediate' course or a 'Senior' course. Each Junior, Intermediate and Senior course shall be designated 'short', 'normal', or 'long'.

(3) Candidates who have completed a course shall have units credited towards the completion of a degree in accordance with the following:[1]

Junior courses	
Short	4 units
Normal	6 units
Long	8 units
Intermediate courses	
Short	4 units
Normal	8 units
Senior courses	
Short	6 units
Normal	8 units

2. (1) An examination called an 'Annual Examination' shall be held at the end of each course.

(2) Candidates may be tested by written and oral class examinations, exercises, essays or practical work or any combination of these, and the results of such tests may be taken into account in determining the results of the annual examinations.

(3) In all courses work of a standard higher than that required for an ordinary pass may be recognised by the award of High Distinction, Distinction or Credit.

3. Candidates who have been prevented by duly certified illness or misadventure from sitting for the whole or part of the Annual Examinations may be examined at such times and in such way as the Faculty shall determine.

4. Candidates who have completed a course shall be held to have so far qualified for the degree.

5. Candidates who do not pass the Annual Examination in a course shall, unless exempted by the Dean, again attend lectures and other classes and complete the prescribed written and other work in all such courses in which they are permitted to re-enrol.

6. Candidates who present themselves for re-examination in any course shall not be eligible for any prize or scholarship awarded in connection with such examination.

7. (1) Graduates in the Faculty of Science or in other Faculties who desire to proceed to the degree of Bachelor of Pharmacy may be given credit of not more than 32 units for courses set out in Resolution 10 provided they have completed for their previous degree those courses or a course or courses considered by the Faculty to be equivalent and shall complete sufficient courses not already taken to gain the requisite units. The approval of the Faculty must be obtained for the courses proposed.

(2) Students who have completed a course or courses as candidates for another degree may apply for permission to transfer to candidature for the degree of Bachelor of Pharmacy in the Faculty of Science. Students who are granted such permission may be given credit for any number of courses provided they have completed these courses or a course or courses considered by the Faculty to be equivalent and provided that they have abandoned credit for such courses as candidates for the other degree. Such students shall be required to complete the requisite number of courses not already taken in accordance with the requirements of these Resolutions.

8. (1) In the first year of attendance candidates unless granted credit in accordance with Resolution 7 shall enrol in the courses Chemistry I for Pharmacy, Biology I for Pharmacy, Introductory Pharmaceutical Science and Mathematics I for Pharmacy; and in subsequent years of attendance candidates shall enrol in the maximum number of prescribed courses for which they are qualified, subject to the exigencies of the timetable and provided that they may not take courses with a total number of units in excess of 28 except with the permission of the Faculty.

(2) To complete the requirements for the Pass degree a candidate shall gain 80 units by completing the courses set out in the Tables in Resolution 10.

(3) No course may be counted more than once as a qualifying course for the degree.

9. Except with the permission of the Faculty:

(1) candidates may not take an Intermediate Course—

(a) until they have gained credit for at least 16 units in Junior Courses; and

(b) until they have completed the Junior Courses, if any, prescribed by the Faculty as prerequisites for the Intermediate Course, as set out in Resolution 10;

(2) candidates may not take a Senior Course—

(a) until they have gained credit for at least 16 units derived from Intermediate Courses; and

(b) until they have completed all the Junior and Intermediate Courses, if any, prescribed as prerequisites for the Senior Course, as set out in Resolution 10;

(3) candidates may not take Course II or any other higher course in any subject set out in the tables associated with Resolution 10 without having previously completed the lower course or courses in the same subject.

10. Courses for the degree shall:

(a) be in such subjects,

(b) have such unit values, and

(c) have such prerequisite and corequisite courses as are set out in the following tables

[1] The unit values for Intermediate and Senior Courses for this degree are not comparable with the unit values for Intermediate and Senior Courses for the degree of Bachelor of Science. Whilst credit may be given towards the degree of Bachelor of Pharmacy in respect of appropriate Junior, Intermediate and Senior courses completed by candidates for the degree of Bachelor of Science, credit may be given towards the degree of Bachelor of Science only in respect of Junior courses completed by candidates for the degree of Bachelor of Pharmacy.

[*Continued following table*]

TABLE A [*See Resolution 10*]

Course	Unit value	Assumed standard of knowledge at the matriculation examination or HSC examination
A. Junior courses		
Biology I for Pharmacy	6	Biology section of the Science multistrand 4 unit course[1].
Chemistry I for Pharmacy	8	Mathematics 2 unit course and the Chemistry section of the Science multistrand 4 unit course.
Introductory Pharmaceutical Science	6	Physics section of the Science multistrand 4 unit course.
Mathematics I for Pharmacy	4	Mathematics 2 unit course.

[1] It should be noted that students who have undertaken the equivalent of a 4 unit Science course embracing only Chemistry and Physics have performed well in the First Year (Junior) Biology courses in the past.

TABLE B

Course	Unit value	Prerequisites (P) and Corequisites (C)
B. Intermediate courses		
(i) *Normal*		
Pharmaceutical Chemistry I	8	P: Chemistry I for Pharmacy P: Introductory Pharmaceutical Science C: Mathematics I for Pharmacy C: Biochemistry I for Pharmacy
Pharmaceutics I	8	P: Chemistry I for Pharmacy P: Mathematics I for Pharmacy P: Introductory Pharmaceutical Science C: Biology I for Pharmacy C: Pharmaceutical Chemistry
(ii) *Short*		
Biochemistry I for Pharmacy	4	P: Chemistry I for Pharmacy
Pharmacology I for Pharmacy	4	P: Chemistry I for Pharmacy C: Biochemistry I for Pharmacy C: Physiology I for Pharmacy C: Pharmaceutical Chemistry I
Physiology I for Pharmacy	4	P: Biology for Pharmacy
C. Senior courses		
(i) *Normal*		
Pharmaceutical Chemistry II	8	C: Pharmacology I for Pharmacy
Pharmaceutics II	8	C: Pharmaceutical Chemistry II C: Pharmacology I for Pharmacy
(ii) *Short*		
Pharmacology II for Pharmacy	6	
Pharmacy Practice	6	P: Pharmaceutical Chemistry I P: Pharmaceutics I C: Pharmacology II for Pharmacy

except that the Faculty may permit a candidate of merit in special circumstances to enrol in a course or courses other than those specified in these tables and to have such units credited towards his degree upon completing such a course or courses as the Faculty may determine.

For the purposes of these Resolutions:

(i) prerequisite course means a course other than a lower qualifying course in a subject which, except with the permission of the Head of the Department concerned, must have been completed prior to a candidate taking a course for which the Faculty has declared it to be a prerequisite;

(ii) corequisite course means a course which unless previously completed must, except with the permission of the Head of the Department concerned, be taken concurrently with the course for which the Faculty has declared it to be a corequisite.

11. (1) Candidates for the Honours degree shall complete an Honours course.

(2) There shall be an Honours course in the following subjects:
Pharmaceutics
Pharmaceutical Chemistry
Pharmacology

12. In order to qualify for admission to an Honours course candidates shall:

(1) except with permission of the Faculty, have completed in the preceding two years not less than 40 units, of which at least 20 units shall be derived from Senior Courses;

(2) have qualified for the award of a Pass degree and be considered by the Head of the Department concerned to have the requisite knowledge and aptitude for an Honours course;

(3) except with the permission of the Faculty, be of not more than four years' standing as matriculated students in the Faculty.

13. (1) There shall be no re-examination for Honours.

(2) The candidate who shall have most distinguished himself in the subject of each Honours course shall, if he possesses sufficient merit, receive a bronze medal.

14. (1) Candidates may not take more than one Honours course in any one academic year.

(2) Candidates who have qualified for the Honours degree may before the degree is conferred, take, in the next succeeding year or at such later time as the Faculty permits, an additional Honours course which they are qualified to enter.

15. (1) A person who has enrolled as a candidate for the degree of Bachelor of Pharmacy before 1st January, 1977 may complete the requirements for the degree in accordance with the resolutions in force at the time he commenced that degree provided that he completes the requirements for the degree by 31st December, 1981 or such later date as the Faculty may approve in special cases; and that if a course specified in those resolutions is discontinued the Faculty may permit him to substitute a course or courses deemed by the Faculty to be equivalent to the discontinued course.

(2) Where a candidate proceeding pursuant to subsection (1) fails to complete the requirements for the degree before 31st December, 1981 he shall complete the requirements for the degree under such conditions as may be determined from time to time by the Dean.

MASTER OF SCIENCE

In accordance with Chapter XIII, section 7 of the By-laws, the following Resolutions governing candidature for the degree of Master of Science have been prescribed by the Senate:

1. Subject to the approval of the Head of the Department, a candidate for the degree shall elect to proceed—

(a) either as a full-time or as a part-time candidate

(b) either by research and thesis in accordance with Resolution 6 or by coursework and essay in accordance with Resolution 7 and

(c) except in the case of a candidate proceeding in accordance with Chapter XXVIA, either within the University of Sydney or elsewhere.

2. (1) A candidate to be full-time shall not keep the normal terms but shall devote himself to his candidature continuously throughout the year except for a period of recreation leave and shall not have any substantial employment during the day.[1]

(2) A candidate who does not comply with subsection (1) shall be regarded as a part-time candidate.

3. (1) A candidate shall not present himself for examination for the degree earlier than the third term after commencement of candidature.

(2) Except with the permission of the Faculty, a full-time candidate proceeding by research and thesis or any candidate proceeding by course work and essay shall complete the requirements for the degree not later than six terms after the commencement of candidature.

(3) Except with the permission of the Faculty, a part-time candidate proceeding by research and thesis shall complete the requirements for the degree not later than twelve terms after the commencement of candidature.

4. Time spent by a candidate in advanced study in the University of Sydney before admission to candidature may be deemed by the Faculty to be time spent after such admission.

5. (1) The Dean of the Faculty, on the recommendation of the Head of the Department concerned, shall appoint a full-time member of the academic staff of the University to act as supervisor of each candidate.

(2) The Supervisor shall report annually to the Faculty, through the Head of his Department, on the progress towards completion of the requirements for the degree of each candidate under his supervision.

(3) The Faculty, on the recommendation of the Head of the Department concerned, may terminate the candidature of any candidate who has not shown evidence of sufficient progress, in the opinion of the Faculty.

[1] The Faculty has resolved that, for the time being, recreation leave shall be four weeks per year and that substantial shall mean more than six hours per week or 180 hours per annum, whichever shall be less.

6. (1) A candidate proceeding by research and thesis shall—
(a) carry out an original investigation on a topic approved by the Head of the Department concerned,
(b) write a thesis embodying the results of this investigation and state in the thesis generally in a preface and specifically in notes, the sources from which his information was taken, the extent to which he has availed himself of the work of others, and the proportion of the thesis which he claims as original.
(c) lodge with the Registrar three copies of his thesis, typewritten and bound,
(d) if required by the examiners, sit for an examination in the branch or branches of science to which the thesis relates.
(2) The thesis shall be accompanied by a certificate from the supervisor stating whether in his opinion the form of presentation of the thesis is satisfactory.
(3) The Dean of the Faculty on the recommendation of the Head of the Department concerned, shall appoint two, or where the Dean considers it appropriate, more than two examiners of whom one may be the person appointed to act as supervisor of the candidate.
(4) The examiners shall report to the Faculty which shall determine the result of the examination.
(5) A candidate may not present as his thesis any work which has been presented for a degree at this or another tertiary institution but he shall not be precluded from incorporating such work in his thesis, provided that in presenting the thesis he indicates the part of the work which has been so incorporated.
(6) The Registrar shall lodge one copy of the thesis with the Librarian if the degree is awarded.

7. (1) A candidate proceeding by course work and essay shall—
(a) attend such course of study and pass such examinations in each course as the Faculty, on the recommendation of the Department concerned, shall by resolution prescribe,
(b) write a substantial essay on a topic approved by the Head of the Department concerned and state in the essay, generally in a preface and specifically in notes, the sources from which his information was taken and the extent to which he has availed himself of the work of others,
(c) lodge with the Registrar two typewritten copies of his essay.
(2) The Dean of the Faculty, on the recommendation of the Head of the Department concerned, shall appoint two examiners to examine the essay. One may be the person appointed to act as supervisor of the candidate.
(3) The examiners shall report to the Faculty which shall determine the result of the examination.
(4) The candidate may not present as his essay any work which has been presented for a degree at this or another tertiary institution but he will not be precluded from incorporating such in his essay, provided that in presenting the essay he indicates the part of work which has been so incorporated.

DIPLOMA IN COMPUTER SCIENCE

1. (1) Except as provided in subsection (2), the Faculty may, on the recommendation of the Head of the Basser Department of Computer Science admit to candidature for the Diploma in Computer Science an applicant who—
(a) is a graduate of the University of Sydney;
(b) has—
(i) completed the courses Computer Science I (Old Regulations) or Computer Science II (New Regulations) and Pure Mathematics II in the University of Sydney;
(ii) by completion of a course or courses in another university or other appropriate institution, acquired a standard of knowledge considered by the Faculty to be equivalent to that gained by completing the courses specified in subparagraph (i); or
(iii) has in some other manner acquired a standard of knowledge considered by the Faculty to be equivalent to that gained by completing the courses specified in subparagraph (i); and
(c) has not completed the course Computer Science II (Old Regulations) or Computer Science III (New Regulations) in the University of Sydney.
(2) The Academic Board, on the recommendation of the Faculty, may admit to candidature for the Diploma a graduate of another university or a candidate with qualifications from an appropriate institution, whose qualifications are, in either case, equivalent in the opinion of the Academic Board to those specified in subsection (1) (b) (i), and on such conditions as the Faculty may prescribe.
2. (1) A candidate shall engage in coursework for the Diploma as a full-time student for a period of one year or, with the approval of the Head of the Basser Department of Computer Science as a part-time student for a period of not less than two years and not more than three years.
(2) The coursework for the Diploma shall be as prescribed from time to time by Resolution of the Faculty.
(3) Annual Examinations for the Diploma shall be held in the manner and at the times prescribed by the Faculty.
(4) The award of the Diploma shall be subject to completion of the coursework and the examinations to the satisfaction of the examiners appointed by the Faculty on the recommendation of the Head of the Basser Department of Computer Science.

DIPLOMA IN NUTRITION AND DIETETICS

1. (1) The award of the Diploma in Nutrition and Dietetics shall be governed by a Board of Studies in Nutrition and Dietetics responsible to the Faculty of Science and consisting of the following persons:—
(a) The Dean of the Faculty of Science
(b) The Dean of the Faculty of Medicine or a nominee of the Dean
(c) The Dean of the Faculty of Agriculture or a nominee of the Dean

(d) The Dean of the Faculty of Veterinary Science or a nominee of the Dean
(e) The Dean of the Faculty of Dentistry or a nominee of the Dean
(f) The Pro-Dean of the Faculty of Science
(g) The Boden Professor of Human Nutrition
(h) The Course Supervisor for the Diploma
(i) The Head of the Department of Medicine or his nominee
(j) The Head of the Department of Animal Husbandry or his nominee
(k) The Head of the Department of Biochemistry or his nominee
(l) The Head of the Department of Paediatrics or his nominee
(m) The Head of the Department of Physiology or his nominee
(n) The Director of the Commonwealth Institute of Health or his nominee
(o) A member of the staff of the Teaching Hospitals of the University nominated by the Dean of the Faculty of Medicine
(p) The Chairman of the N.S.W. Health Commission or his nominee
(q) The President of the N.S.W. Institute of Dietitians or his nominee
(r) The Chief Dietitian of one of the Teaching Hospitals of the University nominated by the Faculty of Science
(s) not more than four additional members appointed by the Faculty of Science on the recommendation of the aforesaid members
(t) One student enrolled as a candidate for the Diploma in Nutrition and Dietetics appointed for one year by the Faculty of Science on the nomination of the Chairman of the Board of Studies after consultation with the candidates for the Diploma.

(2) The persons referred to in sections (i) to (s) shall be appointed by the Faculty of Science for a period of two years and shall be eligible for reappointment.

2. The Dean of the Faculty of Science shall be Chairman of the Board of Studies.

3. The Board of Studies shall consider and report to the Faculty of Science upon all matters relating to the studies, lectures and examinations in the Diploma.

4. (1) The Faculty of Science, on the recommendation of the Board of Studies, may admit to candidature for the Diploma graduates of the University of Sydney who have, unless exempted by the Board of Studies, completed acceptable courses in Biochemistry and Physiology.

(2) The Academic Board, on the recommendation of the Board of Studies and of the Faculty, may admit to candidature for the Diploma graduates of other universities who have qualifications equivalent, in the opinion of the Academic Board, to those specified in subsection (1), and on such conditions as the Board of Studies may prescribe.

5. After admission a candidate shall complete, over a period of not more than five terms, except with the permission of the Board of Studies, the following requirements—

(a) lectures and tutorials in Functions of the Nutrients, Nutritional View of Foods, Nutritional Biochemistry, Food Science and Technology, Applied Nutrition, Therapeutic Dietetics, Medicine, Food Production and Economics, Management, Public Health Nutrition, Food Habits and Principles of Communication, Education and Sociology;
(b) essays as prescribed;
(c) at least four months of training in recognised teaching hospitals;
(d) practical work in Experimental Nutrition, Food Preparation, Food Intake Measurement and other areas, and observations as prescribed by the Board of Studies;
(e) examinations and such other tests as may be required.

6. The Diploma in Nutrition and Dietetics shall be awarded in two grades, namely, Pass, and in the case of an outstanding candidate, Pass with Merit.

DIPLOMA IN HOSPITAL PHARMACY

1. (1) Except as provided in subsection (2) of this section, the Faculty may, on the recommendation of the Head of the Department of Pharmacy, admit to candidature for the Diploma in Hospital Pharmacy an applicant who is a Bachelor of Pharmacy of the University of Sydney.

(2) The Academic Board, on the recommendation of the Faculty, may admit to candidature for the Diploma a graduate of any other university or a candidate with qualifications from an appropriate institution whose qualifications are, in either case, equivalent in the opinion of the Faculty and the Academic Board to those specified in subsection (1), and on such conditions as the Faculty may prescribe.

2. (1) A candidate shall engage in coursework as a full-time student for a period of one year or, with the approval of the Head of the Department of Pharmacy, as a part-time student for a period of two years.

(2) The coursework for the Diploma shall be as prescribed from time to time by resolution of the Faculty.

(3) Annual examinations for the Diploma shall be held as the Faculty shall prescribe.

(4) The award of the Diploma shall be subject to completion of the coursework and the examinations to the satisfaction of the examiners, appointed by the Faculty on the recommendation of the Head of the Department of Pharmacy.

DIPLOMA IN RESOURCE GEOLOGY

1. (1) Except as provided in subsection (2) the Faculty may, on the recommendation of the Head of the Department of Geology and Geophysics, admit to candidature for the Diploma in Resource Geology an applicant who is either a graduate of the University of Sydney and who has completed the course Geology III, or who is a Bachelor of Engineering in Mining Engineering of the University of Sydney.

(2) The Academic Board may, on the recommendation of the Faculty admit to candidature for the Diploma a graduate of any other University or a candidate with qualifications from an appropriate institution whose qualifications are, in either case, equivalent in the opinion of the Faculty and

the Academic Board to those specified in subsection (1), and on such conditions as the Faculty may prescribe.

2. (1) A candidate shall engage on coursework as a full-time student for a period of one year or with the approval of the Head of the Department of Geology and Geophysics, as a part-time student for a period of two years.

(2) The coursework for the Diploma shall be as prescribed from time to time by resolution of the Faculty.

(3) Annual examinations for the Diploma shall be held as the Faculty shall prescribe.

(4) The award of the Diploma shall be subject to completion of the coursework and the examinations to the satisfaction of the examiners, appointed by the Faculty on the recommendation of the Head of the Department of Geology and Geophysics.

RESOLUTIONS OF THE FACULTY

DIPLOMA IN HOSPITAL PHARMACY

1. A course shall consist of lectures together with such tutorial instructions, essays, exercises or practical work as may be prescribed. In these resolutions, 'to complete a course' and derivative expressions mean—
   (a) to attend the lectures and the meetings, if any, for tutorial instruction;
   (b) to complete satisfactorily the essays, exercises and the practical work, if any; and
   (c) to pass the examination on the course.

2. Coursework for the Diploma in Hospital Pharmacy shall be:
Statistical Methods, Instrumental Analysis, Modes of Action of Antimicrobial Agents, Topics in Medicinal Chemistry, Adverse Reactions to Drugs, Pathophysiology and Principles of Therapeutics, the Biochemistry of Foreign Compounds, Hospital Structure and Administration and Clinical Pharmacy, Formulation and Dosage-Form Design, and an essay assignment.

3. Annual examinations for the Diploma in Hospital Pharmacy will comprise two 3-hour written papers. Paper 1 will cover topics 'Statistics and Instrumental Methods of Analysis'. Paper 2 will cover the remainder of the coursework.

These written examinations will be supplemented by oral examinations and assignments of practical exercises, seminars and essays. The results of these examinations will be reported by the Department of Pharmacy to the Registrar who will in turn report them to the Faculty.

DIPLOMA IN RESOURCE GEOLOGY

1. A course shall consist of lectures together with such tutorial instruction, essays, exercises or practical work as may be prescribed. In these resolutions, 'to complete a course' and derivative expressions mean—
   (a) to attend the lectures and meetings, if any, for tutorial instruction;
   (b) to complete satisfactorily the essays, exercises and the practical work, if any; and
   (c) to pass the examination on the course.

2. (1) Coursework for the Diploma shall consist of completed courses to a total value of 20 units from the following:

(a) *Course offered by the Department of Geology and Geophysics*

Course	Unit value
312 Geology of Fuels	2 units
323 Mineral Deposits	2 units
331 Geochemistry	2 units
332 Geotectonics	2 units
412 Geophysics of Sedimentary Basins	2 units
421 Mining Geophysics	2 units
423 Engineering Geology	2 units
431 Basin Studies	2 units
433 Ore Petrology	2 units
436 Regional Geophysics	2 units
437 Advanced Exploration Geophysics	2 units

(b) *Courses offered in the Faculty of Engineering*

May only be taken with the approval of the Head of the Department of the Faculty of Engineering offering the course.	
3.023 Engineering Mathematics	3 units
3.241 Soil Mechanics	3 units
3.251 Surveying I	3 units
3.301 Mining Engineering	3 units
3.630 Analytical Methods	2 units
3.460 Introductory Industrial Organisation and Management	1 unit
4.629 Mineral Processing	2 units

(2) Courses chosen may not include any from (a) above which have been completed previously as modules of undergraduate courses offered by the Department of Geology and Geophysics or any from (b) above which have been completed previously.

(3) With the approval of the Head of the Department of Geology and Geophysics, 6 units from courses offered in the Faculty of Science or in the Faculty of Engineering other than those listed above may be counted towards the Diploma.

(4) A candidate shall submit a report embodying the results of field and laboratory investigations, prescribed by the Head of the Department of Geology and Geophysics.

DOCTOR OF SCIENCE

Pursuant to Section 12 of Chapter XIII, and Sections 2 and 5 of Chapter XIXB of the By-laws:

(i) Published work which a candidate for the degree of Doctor of Science submits for examination must, in addition to satisfying the requirements of Chapter XIXB of the By-laws, be in a field with which the Faculty is concerned.

(ii) A candidate for the degree is required, by way of an introduction, to describe the theme of the published work submitted and, where there is a large number of publications whose dates range over a period of time and which contain some range of subject matter, to state how these are related to one another and to his theme.

(iii) If a prospective candidate, as a first step tenders the introduction called for in (ii) above, together with a list of the published work which he proposes to submit for examination, the Faculty will endeavour to make an assessment as to whether the published work is in a field with which the Faculty is concerned and, if so, an assessment also of the *prima facie* worthiness for examination of the published work.

(iv) A prospective candidate who tenders the introduction together with the list of published work shall not be debarred from subsequently submitting his published work for examination.

BOARDS OF EXAMINERS, BOARD OF POSTGRADUATE STUDIES AND STANDING COMMITTEE

Pursuant to sections 12 and 13 of Chapter VIII of the By-laws the Faculty of Science has resolved to appoint the following Boards of Examiners, Board of Postgraduate Studies and Standing Committee.

Board of Examiners

(1) There shall be three Boards of Examiners responsible for the conduct of examinations for the degree of Bachelor in the Faculty of Science:

(i) the Board of Examiners responsible for the pass degree of Bachelor of Science;

(ii) the Board of Examiners responsible for the pass degree of Bachelor of Pharmacy;

(iii) the Board of Examiners responsible for the honours degrees of Bachelor of Science and Bachelor of Pharmacy.

The Chairman of each of the above Boards of Examiners shall be the Dean, or in his absence, the Pro-Dean.

(2) The Board of Examiners responsible for the conduct of examinations for the pass degree of Bachelor of Science shall comprise the examiners appointed by the Faculty, and shall be appointed annually. The examiners shall comprise the full-time permanent and full-time temporary members of the teaching staff of departments offering courses to candidates for that degree.

(3) The Board of Examiners responsible for the conduct of examinations for the pass degree of Bachelor of Pharmacy shall comprise the examiners appointed by the Faculty, and shall be appointed annually. The examiners shall comprise the full-time permanent and full-time temporary members of the teaching staff of departments offering courses to candidates for that degree.

(4) The Board of Examiners responsible for the conduct of examinations for the honours degrees of Bachelor of Science and Bachelor of Pharmacy shall comprise the examiners appointed by the Faculty, and shall be appointed annually. The examiners shall comprise the full-time permanent and full-time temporary members of the teaching staff of departments offering the honours courses listed in Resolution 16 (2) of the Senate governing candidature for the degree of Bachelor of Science and in Resolution 11 (2) of the Senate governing candidature for the degree of Bachelor of Pharmacy.

Board of Postgraduate Studies

(5) There shall be one board of postgraduate studies of the Faculty of Science which shall be responsible for all matters related to candidature for postgraduate degrees or diplomas in Science and Pharmacy. Its membership shall comprise the members of the Standing Committee of the Faculty and election to membership of the Standing Committee shall constitute appointment to the board of postgraduate studies.

The Standing Committee

The Faculty has resolved that the Standing Committee consist of the Dean, Pro-Dean (if any) and Sub-Dean(s), together with one representative from each of the main teaching areas in the Faculty, viz.

Biochemistry
Biological Sciences
Chemistry
Computer Science
Geography
Geology and Geophysics
Mathematics
Pharmacy
Physics
Physiology
Psychology
Departments in Agriculture offering courses in Science

COMBINED SCIENCE/ENGINEERING DEGREE COURSE

1. Pursuant to Resolution 20 of the Resolutions of the Senate governing the degree of Bachelor of Science, students who have completed studies in the Faculty of Engineering may be admitted to candidature for the degree.

2. Except with the permission of the Dean of the Faculty of Science such students shall have completed studies in the Faculty of Engineering at full Pass level or better, in at least two Intermediate Long or Intermediate Normal Science courses.

3. To be eligible for admission, such students—
(1) must have completed the Intermediate courses in the Faculty of Engineering at their first examination; and
(2) must have gained credit in the Faculty of Engineering for not less than 48 units, if of two years' standing in that Faculty, or not less than 54 units if of three years' standing in the Faculty; and
(3) except with the permission of the Dean, may not count as Intermediate courses for this purpose, courses undertaken in the Faculty of Engineering, or component parts thereof, which are equivalent to the following courses in the Faculty of Science:
Chemical Engineering Science
Chemical Engineering Science Auxiliary
Civil Engineering Science
Mechanical and Aeronautical Engineering Science

4. To qualify for the award of the Pass degree, candidates after admission under Resolution 20 of the Resolutions of the Senate governing the degree of Bachelor of Science—
(1) shall complete in one year of full-time study or two consecutive years of part-time study, courses totalling at least 24 units, of which at least 12 units shall be units for a Senior course; and
(2) except with the permission of the Dean, shall not count towards the degree the courses
Chemical Engineering Science
Chemical Engineering Science Auxiliary
Civil Engineering Science
Mechanical and Aeronautical Engineering Science
unless they have completed 16 units of Intermediate courses (other than the courses listed above) and one other appropriate approved course, set out in the table associated with Resolution 15 of the Resolutions of the Senate governing the degree of Bachelor of Science.

5. To qualify for admission to an Honours course, such candidates shall comply with subsections (2), (3) and (4) of Resolution 17 of the Resolutions of the Senate governing the degree of Bacholor of Science.

Faculty of Engineering

BY-LAWS CHAPTER XIV

1. (1) The Faculty of Engineering shall comprise the following persons:
(a) The Professors, Readers, Associate Professors, Senior Lecturers, Lecturers, Senior Tutors, Senior Demonstrators, Senior Tutor-Demonstrators and Assistant Lecturers in the Faculty of Engineering Departments, being full-time permanent or full-time temporary members of the teaching staff.
(b) The Heads of the Schools of Physics, Chemistry and Undergraduate Studies in Architecture.
(c) The Heads of the Departments of Pure Mathematics, Applied Mathematics, Mathematical Statistics, Geology and Town and Country Planning.
(d) One full-time member of the academic staff of each of the Schools and Departments mentioned in the foregoing subparagraphs (b) and (c) nominated by the respective Head from time to time.
(e) Such Fellows of the Senate as are graduates in Engineering.
(f) Not more than three persons distinguished in the field of Engineering appointed by the Senate on the nomination of the Dean with the approval of the Faculty.
(g) Not more than five students, undergraduate or postgraduate, enrolled as candidates for a degree or diploma in the Faculty of Engineering elected in the manner prescribed by resolution of the Senate.[1]
(h) Such other persons, if any, being full-time members of the senior administrative or senior research staff in the Faculty as may be appointed from time to time by the Senate on the nomination of the Faculty.
(2) The persons appointed under the foregoing subparagraph (1) (f) shall be appointed for a period of three years and shall be eligible for reappointment for one further period of three years.

[1] See Senate Resolutions following Chapter VIII.

(3) The persons, if any, appointed under the foregoing subparagraph (1) (h) shall be members of the Faculty for so long as they remain full-time members of the senior administrative or senior research staff in the Faculty.

2. (1) The Degrees in the Faculty of Engineering shall be as follows:
(a) Bachelor of Engineering (B.E.),
(b) Master of Engineering Science (M.Eng.Sc.),
(c) Master of Engineering (M.E.),
(d) Doctor of Philosophy (Ph.D.),
(e) Doctor of Engineering (D.Eng.).
(2) The Diplomas in the Faculty of Engineering are—
(a) Diploma in Surveying Science (Dip.Surv.Sc.),
(b) Diploma in Telecommunications (Dip.Telecomm.),
(c) Diploma in Power Engineering (Dip.Pow.Eng.),
(d) Diploma in Computers and Control (Dip.Comp.&Con.),
(e) Diploma in Environmental Engineering (Dip.Environ.Eng.),
(f) Diploma in Petroleum and Reservoir Engineering (Dip.Pet.Res.Eng.),
(g) Diploma in Process Systems Engineering (Dip.Process Systems Eng.),
(h) Diploma in Structural Engineering (Dip.Struct.Eng.),
(i) Diploma in Geotechnical Engineering (Dip.Geot.Eng.),
(j) Diploma in Structural and Foundation Engineering (Dip.Struct.Found.Eng.).

BACHELOR OF ENGINEERING

3. Candidates subsequent to matriculation shall complete such requirements for the degree of Bachelor of Engineering as may be prescribed by resolution from time to time by the Senate on the recommendation of the Academic Board and the Faculty of Engineering.[1]

4. (1) The degree of Bachelor of Engineering shall be awarded in: (a) Civil Engineering, (b) Mining Engineering, (c) Mechanical Engineering, (d) Electrical Engineering, (e) Chemical Engineering, (f) Aeronautical Engineering.
(2) The certificates for the degree of Bachelor of Engineering shall specify the department or departments of Engineering for which they are granted.
(3) Graduates in Engineering in any department may be admitted to the degree examination in any other department or departments on conditions to be prescribed by the Faculty. Upon passing the examination such candidates shall receive a certificate for such additional department or departments.

5. (1) The degree of Bachelor of Engineering shall be awarded in two grades, namely, the Pass degree and the Honours degree. There shall be three classes of Honours, namely, Class I, Class II and Class III. Second-class Honours may be awarded in two divisions.
(2) In any year the candidate who shall have most distinguished himself for the degree of Bachelor of Engineering in each department shall receive a bronze medal, provided that he shall have obtained first-class Honours and have shown outstanding merit.

6. The provisions of section 3 and the resolutions arising therefrom shall come into force on the first day of January, 1969, provided that candidates for the degree of Bachelor of Engineering or for the degree of Bachelor of Science in Chemical Engineering who commenced prior to this date may complete the requirements for the degree in accordance with the By-laws existing at the time they commenced, provided that they complete the requirements by 31st December, 1973, or such later date as the Faculty may approve in special cases; provided further that, if a course specified in those By-laws is discontinued, the Faculty may permit candidates to substitute a course or courses approved in accordance with the provisions of section 3 and deemed by the Faculty to be equivalent to the discontinued course. Candidates who do not complete such requirements by 31st December, 1973, will complete the requirements for the degree under such conditions as may be determined from time to time by the Dean.

MASTER OF ENGINEERING SCIENCE

7. (1) Except as provided in Chapter XXVIA of these By-laws, an applicant for admission to candidature for the degree of Master of Engineering Science shall—
(a) be a graduate in Engineering of the University of Sydney; or
(b) (i) be a graduate of any other Faculty of the University of Sydney; and
(ii) have completed courses acceptable to the Faculty of Engineering.
(2) An applicant for admission to candidature shall apply in writing to the Registrar for such admission to candidature.

8. A candidate shall complete such requirements for the degree as may be prescribed from time to time by resolution of the Senate on the recommendation of the Faculty of Engineering and the Academic Board.

MASTER OF ENGINEERING

9. An applicant for admission to candidature for the degree of Master of Engineering shall—
(a) be a Bachelor of Engineering or a Bachelor of Science in Chemical Engineering of the University of Sydney;
(b) apply in writing to the Registrar for such admission to candidature and for the approval of the Faculty of the proposed subject of a thesis.

10. A candidate, unless he is a Bachelor of Engineering or a Bachelor of Science in Chemical Engineering in either case with first-class or second-class honours in that branch of Engineering in which he is a candidate for the degree of Master of Engineering, shall, unless exempted by the Faculty, pass, not less than one year after obtaining the degree of Bachelor of Engineering or Bachelor of Science in Chemical Engineering and not less than one year before submitting a thesis as required in section 13, a preliminary examination prescribed by the Faculty.

11. A candidate shall be required to produce to the Faculty evidence of having pursued the science and/or practice of Engineering during four years after graduation as a Bachelor of Engineering or a Bachelor of Science in Chemical Engineering, or three years after graduation as a Bachelor of Engineering or a Bachelor of Science in Chemical Engineering in either case with first-class or second-class honours.

12. The Faculty shall appoint a member of the staff of the University to act as adviser to the candidate, or in the case of a full-time candidate, a supervisor.

[1] *See Senate Resolutions this chapter.*

13. (1) A candidate shall submit a thesis embodying the results of an original investigation or design of academic merit carried out by him in some branch of Engineering. He may be required in addition, at the discretion of the Faculty, to pass an advanced examination in the branch or branches of Engineering which are most closely related to the work of the thesis.

(2) A candidate shall state in his thesis, generally in a preface and specifically in notes, the sources from which his information was derived, the extent to which he has availed himself of the work of others, and the portion of the thesis which he claims as original. He shall not present as his thesis any work previously submitted for a degree of this or any other university, but he may incorporate such work in his thesis, provided that he indicates the work so incorporated.

(3) A candidate shall lodge with the Registrar four copies (printed or typewritten) of his thesis.[1]

14. The Faculty shall appoint three examiners, of whom at least one shall be an external examiner. The examiners shall report to the Faculty, which shall determine the result of the examination.

15. The degree shall not be conferred until after the expiration of four academic years from the conferring of the Pass degree of either Bachelor of Engineering or Bachelor of Science in Chemical Engineering, or three academic years from the conferring of the Honours degree of either Bachelor of Engineering or Bachelor of Science in Chemical Engineering.

DOCTOR OF PHILOSOPHY

16. The degree of Doctor of Philosophy shall not be conferred except as prescribed in Chapter XIXD.

DOCTOR OF ENGINEERING

17. The degree of Doctor of Engineering shall not be conferred except as prescribed in Chapter XIXB.

DIPLOMAS

18. A candidate for a diploma shall complete the requirements for the diploma as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.

RESOLUTIONS OF THE SENATE

BACHELOR OF ENGINEERING

In accordance with Chapter XIV, section 3 of the By-laws, the following Resolutions governing candidature for the degree of Bachelor of Engineering have been prescribed by the Senate:

1. For the purpose of these Resolutions—
   (i) a 'course' shall comprise such lectures, tutorial instruction, essays, exercises, and practical work as the Faculty may provide.
   (ii) 'to complete a course' means—
   (a) to attend the lectures and the meetings, if any, for tutorial instruction;
   (b) to complete satisfactorily the essays, exercises and practical work, if any; and
   (c) to pass the Annual Examination of the course and derivative expressions shall have a corresponding meaning.
   (iii) 'core course' means a course which must be completed by a candidate in order to qualify for the award of a degree, unless the candidate is granted exemption by the Faculty.
   (iv) 'elective course' means a course other than a core course.
   (v) 'prerequisite' means a course which a candidate must complete before he is permitted to enrol in any course for which that course has been declared a prerequisite.
   (vi) 'corequisite' means a course in which, unless previously completed, a candidate must enrol concurrently with any course for which that course has been declared a corequisite.

2. (a) The courses which may be taken for the degree are—
   (i) the Junior and Intermediate courses set out in Table I of the Tables appended to these Resolutions.
   (ii) the Senior and Senior Advanced courses set out in Tables II to VII.
   (iii) elective courses, being Senior, Senior Advanced and Honours courses from time to time prescribed by the Faculty; such courses may not be provided in every year.
   (iv) such other course or courses as may be approved by the Faculty in special cases.
   (b) (i) The core courses for the degree and their corequisite and prerequisite courses are set out in the Tables as follows:
   In Civil Engineering—Table II.
   In Mining Engineering—Table III.
   In Mechanical Engineering—Table IV.
   In Electrical Engineering—Table V.
   In Chemical Engineering—Table VI.
   In Aeronautical Engineering—Table VII.
   (ii) The Faculty may prescribe courses alternative to one or more of the core courses set out in the tables, completion of which shall satisfy the requirement to complete the core course concerned.
   (iii) The Head of the Department or School concerned may accept other work completed by a candidate as the equivalent of a corequisite or prerequisite for any course provided by that Department or School.
   (c) The Faculty at the time of prescribing elective courses may also prescribe corequisites and prerequisites for those courses. At the discretion of the Head of the Department concerned, other work completed by a candidate may be accepted as the equivalent of a prerequisite or corequisite prescribed for any course provided by that Department.
   (d) A candidate may only enrol in courses in accordance with these resolutions and subject to the exigencies of the timetable. Where a candidate wishes to enrol in two courses given wholly or partly at the same time, the Heads of the Departments or Schools concerned in their discretion may permit the candidate to attend equivalent courses or parts of courses at other times.

3. The courses for the degree shall have a unit value; elective courses prescribed by the Faculty shall have the unit value given them at the time of prescription and all other courses shall have the unit values shown in the Tables.

4. (a) An examination called an 'Annual Examination' shall be held for each course.
   (b) The Annual Examination may consist of

[1] See also Faculty Resolutions this chapter.

written or oral examinations, exercises, essays or practical work or any combination of these.

(c) A candidate who has been prevented by duly certified illness or misadventure from sitting for the whole or part of the Annual Examination may be tested at such times and in such a way as the Faculty shall determine and this shall not count as a re-examination.

5. (a) A candidate who has completed a course shall have credited to him the unit value of that course, except that

(i) no course may be counted more than once as a qualifying course for the degree;

(ii) a candidate may not have credited for the degree units derived from more than one of such courses as the Faculty may deem to be mutually exclusive; and

(iii) a candidate may not receive credit for an option within a course which is similar in content to part of a course concurrently being taken or previously completed.

(b) (i) In any course at the Annual Examination the Faculty may award a Terminating Pass which entitles the candidate to be credited with the full number of units for that course.

(ii) A candidate who has been awarded a Terminating Pass in a course shall be held to have completed such course, except that the Tables prescribe for core courses certain prerequisites in which a terminating pass is not acceptable, and the Faculty may prescribe the same restriction as to prerequisites for an elective course.

(iii) A candidate who is awarded a Terminating Pass in any course may take that course again but on completion of the course the units thereof may not be counted again.

6. (a) To qualify for the award of a Pass degree a candidate shall unless granted exemption by the Faculty under part (b) of this Resolution—

(i) complete all the core courses listed in the Table pertaining to the Department in which he is a candidate for the degree, and

(ii) complete additional elective courses as may be necessary to gain credit for a total of not less than 96 units.

(b) The Faculty may grant an exemption from completion of any core course to a candidate who has completed work deemed by the Faculty to be equivalent to that course. No credit will be allowed for any core course for which an exemption from completion has been granted.

7. Except with the permission of the Faculty, a candidate, in the first year of attendance, shall enrol in Junior courses with a total unit value of not less than 24 units and not more than 26 units.

8. (a) In each subsequent year of attendance after the first, a candidate may enrol in any of the courses for which there is no prerequisite or for which he has completed the prerequisites provided that:

(i) in the second year of attendance he may enrol in Junior and/or Intermediate courses only.

(ii) he shall include amongst the courses in which he enrols such of the core courses for the degree for which he was qualified to enrol in the previous year of attendance and for which he has not yet gained credit, and for which he has not been granted exemption under Resolution 6 (b).

(iii) he shall in no case enrol for courses having a total unit value of more than 32, nor enrol for courses having a total unit value of less than 18 unless he already has a credit for 79 or more units.

(iv) once he has gained credit for 14 or more units from Senior or Senior Advanced courses, he shall not enrol in any further such courses until he has obtained such practical experience as the Faculty may require in an Engineering organisation approved by the Faculty.

(b) The Faculty may in special circumstances grant dispensation from the above requirements on such conditions as it thinks fit.

(c) A candidate enrolled in a course provided outside the Faculty of Engineering shall as regards that course be governed by the requirements of the Department providing such course.

(d) A candidate who has been enrolled for the degree of Bachelor of Engineering but has not re-enrolled for a period of three or more consecutive years, shall, upon subsequent re-enrolment, complete the requirements for the degree under such conditions as the Faculty may determine.

9. (a) A candidate who re-enrols in a course which he has previously failed to complete shall, unless exempted by the Faculty, attend all lectures and other classes and complete all written and other work prescribed for the course.

(b) A candidate who presents himself for re-examination in any course shall not be eligible for any prize or scholarship awarded in connection with such examination.

10. (a) Graduates in other Faculties of the University of Sydney or graduates of other universities who desire to proceed to the degree of Bachelor of Engineering, may be admitted to candidature with credit for such of the courses set out in the Tables as the Faculty may determine, up to a maximum of 50 units, provided they have completed for their previous degree those courses or a course or courses considered by the Faculty to be equivalent. Such candidates shall then be required to complete, in accordance with these Resolutions, the requisite number of courses not already taken to meet the requirements of Resolution 6.

(b) Students who have completed a course or courses in another Faculty or other Faculties of the University of Sydney may apply for permission to enrol as candidates for the degree of Bachelor of Engineering and if granted such permission, may be given credit for any of the courses set out in the Tables which they have completed in the other Faculty or Faculties, or for any course or courses considered by the Faculty to be equivalent, provided they have abandoned credit for such course or courses in the other Faculty or Faculties. Such candidates shall then be required to complete, in accordance with these Resolutions, the requisite number of courses not already taken to meet the requirements of Resolution 6.

(c) Students who have completed a course or courses in another University or Institution may apply for permission to enrol as candidates for the degree of Bachelor of Engineering and if granted such permission may be given credit for such of the courses set out in the Tables as the Faculty may determine.

(d) In each of the circumstances of the foregoing subsections, where an applicant for candidature has completed courses which are not comparable with any of the courses set out in the Tables, the Faculty may, either instead of or in addition to giving credit for any course that is so set out, give credit for such number of units, to be designated by the Faculty as Junior, Intermediate, Senior or Senior Advanced, as the Faculty may determine, and all units so credited shall, notwithstanding anything contained in these resolutions, count accordingly towards the satisfaction of the requirements of the degree.

11. (a) To qualify for admission to candidature for the Honours degree, a candidate shall—

(i) be considered by the Head of the Department concerned to have the requisite knowledge and aptitude, and

(ii) except with the permission of the Faculty, be either of not more than three years' standing in the Faculty and have gained credit for not less than 24 units from Senior and Senior Advanced courses or of not more than four years' standing in the Faculty and have completed the requirements of the Pass degree.

(b) In the case of a candidate who transfers to the Faculty of Science in accordance with the provisions of Resolution 20 of the Senate Resolutions which govern candidature for the degree of Bachelor of Science, the time spent as a candidate in the Faculty of Science shall not be counted in determining his years of standing in the Faculty of Engineering.

12. (a) To qualify for the award of an Honours degree a candidate shall—

(i) complete the requirements of Resolution 6; and

(ii) complete such Honours Courses as are determined by the Head of the Department in which he is a candidate.

(b) The Faculty may prescribe any Senior or Senior Advanced course as a course which may be taken as an Honours course.

(c) Where an Honours course and a core course are deemed by the Faculty to be mutually exclusive, completion of the Honours course will be taken as satisfying the core course.

(d) Except with the permission of the Faculty, a candidate shall not be eligible for the award of an Honours degree unless he has completed all the requirements within one year from admission to candidature.

(e) A candidate for an Honours degree who has failed to be placed in any Honours classification may be awarded a Pass degree.

TABLE I[1]—JUNIOR AND INTERMEDIATE COURSES [*See Resolution 2*]

TABLE I(A)—JUNIOR COURSES

Course no.[1]	Title	Unit value	Assumed standard of knowledge at the matriculation or Higher School Certificate examination	Remarks
Courses provided by the Faculty of Engineering				
1.111	Workshop Technology	2	For all courses[2]—	
1.141	Engineering Drawing	1	Mathematics 3 Unit course	For candidates in their first year
1.142	Engineering Mechanics	2	and *either*	of attendance enrolment in
1.151	Electrical Circuit Theory	2	the Science multistrand	these courses may be restricted
			4 Unit course	due to limited laboratory
1.163	Chemical Engineering I	4	*or*	facilities.
1.181	Materials I	2	the 2 Unit Science course in	
1.191	Machine Drawing and Descriptive Geometry	2	Chemistry and the 2 Unit Science course in Physics	
1.192	Computer Methods	2		Mutually exclusive with 1.049
Courses provided by Departments outside the Faculty of Engineering				
1.010	Mathematics I	6	Mathematics 3 Unit course	Mutually exclusive with 1.018.
1.018	Mathematics IE	5	Mathematics 3 Unit course	Mutually exclusive with 1.010. 1.022 Mechanics is a corequisite.
1.022	Mechanics IE	3	Mathematics 3 Unit course and the Physics section of the Science multistrand 4 Unit course or 2 Unit Physics	
1.040	Physics IE	4	Mathematics 3 Unit course and the Physics section of the Science multistrand 4 Unit course or 2 Unit Physics	Mutually exclusive with 1.041. 1.022 Mechanics is a corequisite.
1.041	Physics I	6	Mathematics 3 Unit course and the Physics section of the Science multistrand 4 Unit course or 2 Unit Physics	See prerequisites for Physics II and Physics III. Mutually exclusive with 1.040
1.047	Computer Science I	6	Mathematics 2 Unit course	
1.049	Engineering Programming	2		Mutually exclusive with 1.192.
1.051	Chemistry I	6	Mathematics 2 Unit course and the Chemistry section of the Science Multistrand 4 Unit course or 2 Unit Chemistry	See prerequisites for Chemistry II.
1.061	Geology I	6		See prerequisite for Geology II.
1.071	Economics I	6	Mathematics 2 Unit course	Mutually exclusive with 1.076.
1.072	Accounting I	6		
1.076	Economics I(P)	6	Mathematics 2 Unit course	Mutually exclusive with 1.071
1.081	Biology I	6	The Biology section of the Science Multistrand 4 Unit course	

[1] In this and the following attached tables of courses the numbering system is:

First digit—Course designation:
1—Junior
2—Intermediate
3—Senior
4—Senior Advanced
5—Honours

Second digit—Classification:
0—Departments outside the Faculty of Engineering
1—General Faculty courses
2—Civil
3—Mining
4—Mechanical
5—Electrical
6—Chemical
7—Aeronautical
8—Materials
9—Joint courses

Third and Fourth digits—Course number within the classification, e.g. 3.504 Senior course number 04 provided by the Department of Electrical Engineering.

[2] Candidates who have not achieved the assumed standard will be required to undertake supplementary work, details of which may be obtained from the Registrar.

TABLE I(B)—INTERMEDIATE COURSES

Course no.	Title	Unit value	Prerequisites[1] (a)	(b)	Corequisites
Courses provided by the Faculty of Engineering					
2.122	Structural Design I	2		1.010 or both 1.018 and 1.022	1.191; 2.123 or 2.171
2.123	Structures I	3		1.010 or both 1.018 and 1.022	1.142 or 1.022
2.144	Applied Thermodynamics	2		1.010 or 1.018	
2.145	Fluid Mechanics	2		1.010 or 1.018	
2.146	Engineering Mechanics II	2		1.010 or both 1.018 and 1.022	1.142; 2.011
2.147	Mechanical Design I	2		1.010 or both 1.018 and 1.022	2.123 or 2.171
2.152	Applied Electricity	2	1.010 or 1.018		1.151
2.153	Introductory Electrical Engineering	4	1.010 or 1.018; 1.041 or 1.040		1.151
2.164	Chemical Engineering II[2]	4		1.010 or 1.018	1.163
2.171	Mechanics of Solids I[3]	2		1.010 or both 1.018 and 1.022	
2.176	Engineering Construction I	2		1.010 or both 1.018 and 1.022	
2.650	Computing for Chemical Engineers	1			2.164
Courses provided by Departments outside the Faculty of Engineering					
2.004	Psychology II	8	1.003	1.010 or 1.018 or 1.081	
2.011	Pure Mathematics II	8	1.010 or both 1.018 and 1.022		
2.012	Mathematical Methods II[4]	4	1.010 or 1.018		
2.014	Electrical Engineering Mathematics II	6	1.010 or 1.018		
2.015	Mechanical Engineering Mathematics II	6	1.010 or 1.018		
2.016	Differential Equations	2	1.010 or 1.018		
2.017	Matrix Theory and Applications II	1	1.010 or 1.018		2.014
2.019	Matrix Theory and Applications III	1	1.010 or 1.018		2.015 or 2.017
2.020	Combined Mathematics II	12	1.010 or both 1.018 and 1.022		
2.021	Applied Mathematics II	8		1.010 or both 1.018 and 1.022	
2.025	Complex Variables	2	1.010 or 1.018		
2.031	Mathematical Statistics II	8	1.010 or 1.018		
2.033	Statistical Methods	4			
2.042	Physics II	8	1.041 or 1.040	1.010 or both 1.018 and 1.022	
2.048	Computer Science II	8	1.010 or 1.018, 1.047		
2.052	Chemistry II	8	1.051	1.010 or 1.018	
2.053	Chemistry IIE[5]	6	1.051	1.010 or 1.018	
2.055	Chemistry II Long	10	1.051	1.010 or 1.018	
2.059	Chemistry II Auxiliary	4	1.051	1.010 or 1.018	
2.062	Geology II[6]	8	1.061		
2.063	Engineering Geology A	2			
2.064	Engineering Geology B	3			1.051, 1.061 or 2.063
2.066	Geography II	8	1.065[7]		
2.069	Geology II Long	10	1.061	1.051	
2.073	Economics II	8	1.071		
2.085	History and Philosophy of Science	4			
2.091	Biochemistry I	8	1.051		2.052 or 2.053
2.092	Biochemistry I Auxiliary	4			
2.094	Physiology I	8		1.051; 1.081 or 1.003	

[1] For prerequisites listed in column (a) a Terminating Pass is not acceptable
[2] Mutually exclusive with 2.145 Fluid Mechanics
[3] Mutually exclusive with 2.123 Structures I
[4] Mutually exclusive with either 2.011 Pure Mathematics II or 2.021 Applied Mathematics II. Candidates who complete both of the courses 2.011 and 2.021 will receive credit for 12 units only
[5] Mutually exclusive with any Intermediate Course in Chemistry
[6] A candidate who has not completed 1.061 Geology I may apply to the Head of the Department of Geology for approval to enrol in 2.062 Geology II
[7] A candidate who has not completed 1.065 Geography I may apply to the Head of the Department of Geography for approval to enrol in 2.066 Geography II.

TABLE II—CIVIL ENGINEERING [*See Resolution 2*]

(Candidates for the degree of Bachelor of Engineering in Civil Engineering are required to gain credit for the core courses set out below. Any additional credit necessary to satisfy the requirements of Resolution 6 shall be gained by completing other courses from Table I and/or from the Senior and Senior Advanced elective courses prescribed by the Faculty from time to time.)

JUNIOR AND INTERMEDIATE COURSES (from Table 1)

1.018	Mathematics IE	2.011	Pure Mathematics II
1.022	Mechanics IE		
1.049	Engineering Programming		
1.051	Chemistry I		
1.142	Engineering Mechanics I	2.063	Engineering Geology A
1.151	Electrical Circuit Theory	2.046	Engineering Geology B
1.181	Materials I	2.122	Structural Design I
1.191	Machine Drawing and Descriptive Geometry	2.123	Structures I
		2.146	Engineering Mechanics II
		2.176	Engineering Construction I

SENIOR COURSES

Course no.	Title	Unit value	Prerequisites[1] (a)	(b)	Corequisites
3.027	Numerical Methods	1		2.011	
3.215	Materials II	3	1.181	2.011	
3.231	Structural Analysis I	3	2.123	2.011; 2.122	3.215; 3.233
3.233	Structural Behaviour I	3	2.123; 2.122	2.011	3.215; 3.231
3.241	Soil Mechanics I	3	1.181; 2.123	2.011	
3.250	Surveying I	2	1.191	2.011	3.280
3.261	Hydraulics I	3		2.011	
3.274	Principles of Transportation	1			
3.277	Engineering Construction II	2	2.176	2.011	
3.280	Applied Statistics	2		2.011	
3.291	Structural Design II	2	2.122		3.231; 3.233

SENIOR ADVANCED COURSES

Course no.	Title	Unit value	Prerequisites[1] (a)	(b)	Corequisites
4.217	Materials III	2	3.215		
4.235	Structural Analysis II	2	3.231; 3.233		4.217; 4.237
4.237	Structural Behaviour II	2	3.231; 3.233	4.217; 4.235	4.245
4.245	Soil Mechanics II	2	3.241		
4.255	Surveying II	2	3.250		4.270, 4.293
4.265	Hydraulics II	2	3.261		
4.270	Civil Engineering Option	4			4.217; 4.236; 4.237; 4.293
4.278	Organisation and Management of Construction	2	2.176		3.277
4.293	Civil Engineering Design	4	3.291		4.217; 4.235; 4.237
4.295	Thesis	2			4.217; 4.235; 4.237

[1] For prerequisite courses listed in column (a) a Terminating Pass is not acceptable.

TABLE III—MINING ENGINEERING [*See Resolution 2*]

(Candidates for the degree of Bachelor of Engineering in Mining Engineering are required to gain credit for the core courses set out below. Any additional credit necessary to satisfy the requirements of Resolution 6 shall be gained by completing other courses from Table I and/or from the Senior and Senior Advanced elective courses prescribed by the Faculty from time to time.)

JUNIOR AND INTERMEDIATE COURSES (from Table I)

1.018	Mathematics IE	2.011	Pure Mathematics II
1.022	Mechanics IE	2.063	Engineering Geology A
1.049	Engineering Programming	2.064	Engineering Geology B
1.051	Chemistry I	2.122	Structural Design I
1.142	Engineering Mechanics I[1]	2.123	Structures I
1.151	Electric Circuit Theory[1]	2.152	Applied Electricity
1.181	Materials I		
1.191	Machine Drawing and Descriptive Geometry		

SENIOR COURSES

Course no.	Title	Unit value	Prerequisites[2] (a)	(b)	Corequisites
3.060	Mining Geology I[3]	2			2.062 or 2.064
3.241	Soil Mechanics I	3	1.181	2.011; 2.123 or 2.171	
3.250	Surveying I	2	1.191	2.011	3.280
3.261	Hydraulics I	3		2.011	
3.280	Applied Statistics	2		2.011	
3.300	Mining Engineering I	2			2.062 or 2.064
3.303	Mining and Mineral Economics I	1			
3.304	Mining Engineering II	3			3.300
3.509	Electrical Power and Machinery	1		2.042 or 2.152	
3.690	Particle and Fluid Systems	3		2.011	

SENIOR ADVANCED COURSES

Course no.	Title	Unit value	Prerequisites[2] (a)	(b)	Corequisites
4.067	Mining Geology II[3]	3	2.062 or 2.064		
4.070	Mining Geology III[3]	2	2.062 or 2.064		
4.080	Mining Geology IV[3]	2	2.064		3.080
4.256	Mine Surveying	3	3.250		
4.302	Mining Engineering Practice	6	3.301		
4.305	Thesis	3	Credit for 18 units of Senior Courses.		
4.307	Mining and Mineral Economics II	2	3.303		
4.629	Mineral Processing	2		3.601 or 3.690	

[1] Either 1.041 Physics I or both 1.040 Physics IE and 1.022 Mechanics IE is an acceptable alternative.
[2] For prerequisites listed in column (a) a Terminating Pass is not acceptable.
[3] Completion of the 2 unit modules 231, 312, 323 and 421 as part of the courses Geology II or Geology III in the Department of Geology and Geophysics will be accepted as alternatives for the core courses 3.060, 4.067, 4.070 and 4.080 respectively.

TABLE IV—MECHANICAL ENGINEERING [*See Resolution 2*]

(Candidates for the degree of Bachelor of Engineering in Mechanical Engineering are required to gain credit for the core courses set out below. Any additional credit necessary to satisfy the requirements of Resolution 6 shall be gained by completing other courses from Table I and/or from the Senior and Senior Advanced elective courses prescribed by the Faculty from time to time.)

JUNIOR AND INTERMEDIATE COURSES (from Table I)

1.010	Mathematics I	2.015	Mechanical Engineering Mathematics
1.049	Engineering Programming	2.144	Applied Thermodynamics
1.051	Chemistry I	2.145	Fluid Mechanics
1.111	Workshop Technology	2.146	Engineering Mechanics II
1.142	Engineering Mechanics I	2.147	Mechanical Design I
1.151	Electrical Circuit Theory	2.152	Applied Electricity
1.181	Materials I	2.171	Mechanics of Solids
1.191	Machine Drawing and Descriptive Geometry		

SENIOR COURSES

Course no.	Title	Unit value	Prerequisites[1] (a)	(b)	Corequisites
3.024	Mechanical Engineering Mathematics III	2		4 units of Intermediate Mathematics	
3.422	Thermo-Fluid Engineering	4	2.144; 2.145	1.051 and 4 units of Intermediate Mathematics	
3.435	Mechanics and Properties of Solids	4	2.123 or 2.171	1.181; 4 units of Intermediate Mathematics	
3.444	Mechanical Systems	4	2.146	1.191; 4 units of Intermediate Mathematics	
3.461	Industrial Organisation, Finance and Hazards	2			
3.471	Mechanical Design II	3	2.147	1.142 or 2.042; 4 units of Intermediate Mathematics	
3.481	Production Technology	2	1.111		
3.906	Electrical Technology	2		2.152 or 2.042	

SENIOR ADVANCED COURSES

Course no.	Title	Unit value	Prerequisites[1] (a)	(b)	Corequisites
4.474	Mechanical Engineering Design III	2	3.471		
4.485	Thesis or Design Project	6	Credit for 18 units of Senior Courses		
4.488	Professional Communication	1	3.461 and completion of industrial experience		4.485
	Together with not less than 14 units of Senior and Senior Advanced level courses chosen from the available electives with restriction upon combinations as the Head of Department may from time to time prescribe.				

[1] For prerequisite courses listed in column (a) a Terminating Pass is not acceptable.

TABLE V—ELECTRICAL ENGINEERING [*See Resolution 2*]

(Candidates for the degree of Bachelor of Engineering in Electrical Engineering are required to gain credit for the core courses set out below. Any additional credit necessary to satisfy the requirements of Resolution 6 shall be gained by completing other courses from Table I and/or from the Senior and Senior Advanced elective courses prescribed by the Faculty from time to time.)

JUNIOR AND INTERMEDIATE COURSES (from Table I)

1.018	Mathematics IE	2.014	Electrical Engineering Mathematics II
1.040	Physics IE	2.042	Physics II
1.047	Computer Science I	2.153	Introductory Electrical Engineering
1.051	Chemistry I		
1.151	Electrical Circuit Theory		
1.191	Machine Drawing and Descriptive Geometry		

SENIOR COURSES

Course no.	Title	Unit value	Prerequisites[1] (a)	(b)	Corequisites
3.032	Statistics[2]	1	2.014		
3.507	Circuits, Fields and Systems I	6	2.014; 2.042; 2.153; 1.151		
3.515	Electronics	6			3.507; 3.517
3.516	Power Apparatus and Systems	6	2.153		2.014; 2.042
3.517	Electrical Engineering Physics	2	2.042		
3.518	Digital Systems I[2]	2	1.192 and 2.153		
3.519	Numerical Techniques[2]	1	2.014		

SENIOR ADVANCED COURSES

Course no.	Title	Unit value	Prerequisites[1] (a)	(b)	Corequisites
4.512	Communications and Electronics	3	3.515		4.531
4.531	Circuits Fields and Systems II	3	3.507		
4.533	Power and Energy Conversion	2	3.516		
4.534	Digital Systems II	2	3.518		
4.535	Control	1	3.507		4.531
4.536	Laboratory	5			4.512; 4.533; 4.534; 4.535
4.537	Electrical Engineering Practice	2			4.536
4.540	Thesis	5			4.536

[1] For prerequisite courses listed in column (a) a Terminating Pass is not acceptable.
[2] Students who have completed suitable courses in the Faculty of Science may be granted exemption from the core courses as follows:

Core courses from which exemption may be granted	*Courses completed in the Faculty of Science*
3.032 Statistics	Statistics options in Senior Mathematics courses
3.581 Digital Systems	Computer Science III
3.519 Numerical Techniques	Computer Science II or Numerical Methods options in Senior Mathematics courses

Pursuant to Resolution 2, the Faculty has prescribed the following acceptable alternatives to the core courses listed above:

Core course		*Acceptable alternative*	
1.018	Mathematics IE	1.010	Mathematics I, preferably at H level
1.040	Physics IE	1.041	Physics I, preferably at D level
2.014	Electrical Engineering Mathematics II	2.011	Pure Mathematics II (provided the Mathematical Methods option is included if taken at the pass level)
4.537	Electrical Engineering Practice	5.538	Electrical Engineering Honours
4.540	Thesis	5.541	Honours Thesis

TABLE VI—CHEMICAL ENGINEERING [*See Resolution 2*]

(Candidates for the degree of Bachelor of Engineering in Chemical Engineering are required to gain credit for the core courses set out below. Any additional credit necessary to satisfy the requirements of Resolution 6 shall be gained by completing other courses from Table I and/or from the Senior and Senior Advanced elective courses prescribed by the Faculty from time to time.)

JUNIOR AND INTERMEDIATE COURSES (from Table I)

1.018	Mathematics IE	2.011	Pure Mathematics II
1.022	Mechanics IE	2.053	Chemistry IIE
1.051	Chemistry I	2.152	Applied Electricity
1.141	Engineering Drawing or 1.191 Machine Drawing and Descriptive Geometry	2.164	Chemical Engineering II
		2.171	Mechanics of Solids I
		2.650	Computing for Chemical Engineers
1.142	Engineering Drawing		
1.151	Electrical Circuit Theory		
1.163	Chemical Engineering I		
1.181	Materials I		

SENIOR COURSES

Course no.	Title	Unit value	Prerequisites[1] (a)	(b)	Corequisites
3.028	Numerical Methods and Applications[2]	2		2.011 2.650	
3.601	Unit Operations I	6	2.164		
3.602	Thermodynamics and Kinetics	4			
3.608	Statistical Methods	2			
3.610	Instrumental Methods of Analysis[2]	1			
3.613	Corrosion Principles[2]	1		1.181; 4 units of Intermediate Chemistry	
3.615	Project Engineering I	3	2.164		3.601
3.616	Chemical Engineering Laboratory	5	2.164		3.601

SENIOR ADVANCED COURSES

Course no.	Title	Unit value	Prerequisites[1] (a)	(b)	Corequisites
4.624	Unit Operations II	3	3.601		
4.625	Reactor Design	2	3.602		
4.632	Process Control	3		2.650	
4.635	Thesis	5			4.624; 4.625; 4.641
4.640	Project Engineering II	2	3.615		
4.641	Chemical Engineering Design	3	3.601 3.602		4.640

[1] For prerequisites listed in column (a) a Terminating Pass is not acceptable.
[2] Students taking the Biochemical Engineering Option take the course 3.096 Microbiology instead of these courses.

TABLE VII—AERONAUTICAL ENGINEERING [*See Resolution 2*]

(Candidates for the degree of Bachelor of Engineering in Aeronautical Engineering are required to gain credit for the core courses set out below. Any additional credit necessary to satisfy the requirements of Resolution 6 shall be gained by completing other courses from Table I and/or from the Senior and Senior Advanced elective courses prescribed by the Faculty from time to time.)

JUNIOR AND INTERMEDIATE COURSES (from Table I)

1.010	Mathematics I[1]	2.011	Pure Mathematics II
1.041	Physics I[1]	2.049	Engineering Programming or 1.047 Computer Science I
1.051	Chemistry I		
1.111	Workshop Technology	2.144	Applied Thermodynamics[2]
1.142	Engineering Mechanics I[2]	2.145	Fluid Mechanics[2]
1.151	Electrical Circuit Theory[2]	2.146	Engineering Mechanics II
1.181	Materials I	2.152	Applied Electricity[2]
1.191	Machine Drawing and Descriptive Geometry	2.171	Mechanics of Solids or 2.123 Structures I

SENIOR COURSES

Course no.	Title	Unit value	Prerequisites[3] (a)	(b)	Corequisites
3.420	Thermodynamics	2	2.144	4 units of Intermediate Mathematics	
3.434	Mechanical Properties of Materials	2	2.123 or 2.171	1.181	3.433 or 3.732
3.441	Engineering Dynamics and Control	3	2.146 and 4 units of Intermediate Mathematics		
3.481	Production Technology	2	1.111		
3.722	Aerodynamics I	4		2.011	
3.732	Aircraft Structures I	4	2.123 or 2.171	2.011 or 2.021	
3.771	Aircraft Design I	3		1.191	3.732
3.981	Laboratory I	4			3.420; 3.722; 3.745

SENIOR ADVANCED COURSES

Course no.	Title	Unit value	Prerequisites[3] (a)	(b)	Corequisites
4.714	Propulsion	2	3.420; 3.721		
4.726	Aerodynamics II	4	3.721		
4.736	Matrix Analysis of Structures	2	3.435		
4.737	Aircraft Structures II	4	3.732		
4.747	Mechanics of Flight	2		2.011	3.745
4.774	Aircraft Design II	3	3.771		
4.784	Thesis or Design Project	6	Credit for 18 units of Senior Courses		
4.787	Seminar	1	Credit for 18 units of Senior Courses		

[1] The courses 1.018 Mathematics IE, 1.022 Mechanics IE and 1.040 Physics IE completed together are acceptable alternatives to the core courses 1.010 Mathematics I and 1.041 Physics I.

[2] The course 2.042 Physics II is an acceptable alternative but where it is to be accepted as a prerequisite for a Senior Course, the Head of Department may require, in addition, the completion of a suitable bridge course.

[3] For prerequisites listed in column (a) a Terminating Pass is not acceptable.

Bachelor of Engineering: Resolutions of the Faculty

Elective courses

Pursuant to Section 2 (a) (iv) of the Resolutions of the Senate relating to the degree of Bachelor of Engineering, the Faculty has prescribed the following elective courses, being Senior, Senior Advanced and Honours courses, which may be taken by candidates for the degree:

SENIOR ELECTIVE COURSES

Course no.	Title	Unit value	Prerequisites	Corequisites
3.096	Microbiology	4		2.092
3.232	Structural Analysis IA	3	2.123; 2.011; 2.122	3.215; 3.234
3.234	Structural Behaviour IA	3	2.123; 2.011; 2.122	3.215; 3.233
3.242	Soil Mechanics IA	3	1.181; 2.011; 2.123 or 2.171	3.262
3.253	Surveying IA	2	1.191; 2.011	3.032 or 3.280
3.262	Hydraulics IA	3	2.011	3.242
3.292	Structural Design IIA	2	1.181; 2.011; 2.122; 2.123	3.232; 3.234; 3.215
3.473	Computers in Mechanical Design	1	2.147	
3.514	Economics	2		
3.630	Analytical Methods	2		
3.905	Applied Electronics	1	1.151; 2.152 or 2.153 or 2.042	

SENIOR ADVANCED ELECTIVE COURSES

Course no.	Title	Unit value	Prerequisites	Corequisites
4.026	Partial Differential Equations	1	4 units of Intermediate Mathematics	
4.063	Industrial Ergonomics	1		
4.074	Industrial Relations	2		
4.308	Advanced Mine Ventilation	2		4.302
4.309	Advanced Rock Mechanics	2		4.302
4.310	Advanced Mine Planning	2	3.304 or 3.301	4.302
4.311	Mining Professional Option I	2		4.302
4.312	Mining Professional Option II	2		4.302
4.414	Thermal Engineering	3	3.422	
4.415	Fluids Engineering	3	3.422, 3.444	
4.422	Transportation Engineering	3	3.906, 3.422, 2.146 and 4 units of Intermediate Mathematics	
4.433	Materials Engineering	3	3.435 and 3.481	
4.444	Introduction to Continuum Mechanics	3	3.435, 3.444 and 3.422	
4.451	Machinery Engineering	3	3.444	
4.468	Industrial Engineering	3	3.461 and 3.024 or 3.032 or 3.280 or 3.608	
4.492	Environmental Engineering	3	3.422	
4.626	Optimisation Techniques	2	3.608	
4.627	Transport Phenomena	2	3.601	4.624
4.631	Mineral Processing (extractive metallurgy)	2	3.601 or 3.690	
4.633	Systems Engineering and Control	2		4.632
4.637	Petroleum Engineering	2	3.601; 3.612	
4.638	Biochemical Engineering	4	2.164	2.092; 3.096
4.755	Rotary Wing Dynamics	1	3.721	4.726; 4.747
4.761	Airline Operation and Management	1		
4.902	Computational Methods for Partial Differential Equations	2	2.049; 3.027 or 3.028	
4.921	Principles of Transportation	1		
4.922	Transport Operations	1	3.509 or 3.516 or a suitable bridging course	
4.923	Vehicle Dynamics and Design	2	4 units of Intermediate Mathematics and 2.146 or a suitable bridging course; and 12 units of Senior Courses	
4.925	Introduction to Operations Research	1	3.024 or 3.032 or 3.280 or 3.608	

HONOURS COURSES

Course no.	Title	Unit value	Prerequisites	Corequisites
5.214	Structures Honours	4		
5.218	Applied Mechanics	4		
5.222	Steel and Concrete Structures Honours	4		
5.244	Soil Mechanics Honours	4		
5.254	Surveying Honours	4		
5.264	Hydraulics Honours	4		
5.296	Thesis Honours	4		
5.538	Electrical Engineering Honours	3		4.512, 4.531, 4.533, 4.534, 4.535
5.541	Honours Thesis	5	As for Corequisites	4.512; 4.531; 4.533; 4.534; 4.535
5.727	Advanced Aerodynamics	2	3.722	4.726
5.738	Advanced Structural Analysis	2	3.732	—
5.785	Honours Thesis	8	Credit for 18 units of Senior courses	
5.794	Complex Plane Stress	1	3.731 or 3.433 or 3.435	

DEGREE OF MASTER OF ENGINEERING SCIENCE

In accordance with section 8 of Chapter XIV of the By-laws, the Senate has prescribed the following resolutions for the degree of Master of Engineering Science:

1. A candidate may proceed to the degree of Master of Engineering Science in accordance with either Resolutions 2 to 9 (inclusive) or Resolutions 10 to 17 (inclusive) of these Resolutions.

First alternative

2. (1) A candidate admitted with the qualifications referred to in section 7(1)(a) of Chapter XIV of the By-laws shall—

(a) unless exempted by the Faculty, pass such preliminary examination as the Faculty may prescribe;

(b) engage in a course of advanced study and research in some branch of Engineering in the University of Sydney either full time for not less than one year or part time for such period as the Faculty shall consider equivalent.

(2) A graduate in Engineering of any institution approved by the Faculty with first class or second class honours in the branch of Engineering in which that graduate is a candidate for the degree of Master of Engineering Science shall be exempt from the preliminary examination prescribed in Resolution 2(1)(a).

(3) A graduate in Engineering with first class or second class honours in a branch of Engineering other than that in which that graduate is a candidate for the degree of Master of Engineering Science may be exempted from the preliminary examination prescribed in Resolution 2(1)(a).

3. A candidate admitted with the qualifications referred to in section 7(1)(b) of Chapter XIV of the By-laws shall—

(a) unless the Faculty is satisfied that the candidate has already attained the standard required, pass, not less than one year after obtaining the qualification by which admission to candidature was determined, such preliminary examination as the Faculty may prescribe;

(b) engage in a course of advanced study and research in some branch of Engineering in the University of Sydney for not less than two years, provided that the period may be reduced to one year for a candidate who, in the opinion of the Faculty, holds qualifications equivalent to at least second class honours and who is proceeding as a full-time candidate.

4. The Faculty may include in the minimum period of candidature time spent in advanced study and research in the University of Sydney prior to the application for admission to candidature but shall not include any time spent towards any preliminary examination prescribed by the Faculty in accordance with these Resolutions.

5. (1) The Faculty shall appoint a person who is a full-time member of the University staff to act as supervisor of the candidate.

(2) A report on the progress towards completion of the requirements for the degree shall be submitted annually in respect of each candidate through the Head of Department concerned to the Faculty by the supervisor of that candidate.

(3) The Faculty, on the recommendation of the Head of the Department concerned, may terminate the candidature of any candidate who has not shown evidence of sufficient progress towards the degree.

6. (1) A candidate shall submit a thesis embodying the results of the advanced study and research.

(2) A candidate may be required, at the discretion of the Faculty, to pass an advanced examination in the branch or branches of Engineering which are most closely related to the work of the thesis.

(3) A candidate shall state in the thesis, generally in a preface and specifically in notes, the sources from which the information was derived, the extent to which the work of others has been used, and the portion of the work claimed as original. The candidate shall not present as the thesis any work previously submitted for a degree of this or any other institution, but may incorporate such work in the thesis, provided that the work so incorporated is indicated.

(4) A candidate shall lodge with the Registrar three copies (printed or typewritten) of the thesis.

(5) The thesis shall be accompanied by a certificate from the supervisor stating whether, in the supervisor's opinion, the form of presentation of the thesis is satisfactory.

7. (1) Having considered the certificate of the supervisor, the Faculty shall, if it thinks fit, appoint two examiners.

(2) The examiners shall report to the Faculty, which shall determine the result of the examination.

8. The degree shall not be conferred upon a candidate until after the expiration of two academic years from the conferring of the degree which qualified the student for candidature if that degree was awarded at Pass standard, or one academic year from the conferring of the degree which qualified the student for candidature if that degree was awarded at Honours standard.

9. The Faculty may deem time spent or work done towards the degree of Doctor of Philosophy by a candidate before admission to candidature to be time spent or work done after admission, provided that the candidate has ceased to be a candidate for the degree of Doctor of Philosophy.

Second alternative

10. (1) The admission and work of the candidate and the award of the degree of Master of Engineering Science (by coursework and thesis), shall be supervised by a Board of Studies consisting of the Dean of the Faculty, the Registrar, the Heads of the Departments of Civil Engineering, Mechanical Engineering, Electrical Engineering, Chemical Engineering and Aeronautical Engineering, the Administrative Assistant to the Dean, five other members being members of the Faculty, elected one from each of the abovementioned Departments by the Faculty, and up to three members co-opted by the abovementioned members.

(2) The election and co-option to membership of the Board of Studies shall take place in Michaelmas term of each alternate year commencing in 1981 and the persons so elected or co-opted shall hold office for a period of two years from the first day of January in the year following their election or co-option provided that the members of the Board of Studies as constituted under By-laws in force prior to the commencement of this Resolution shall be deemed to be elected members of the Board of Studies with power to co-opt up to three further members and the last-

mentioned elected and co-opted members shall hold office until 31 Demember 1981.

11. A candidate shall—
    (a) if required by the Head of the Department concerned, produce evidence of such Engineering experience as the Board of Studies shall consider satisfactory;
    (b) unless exempted by the Board of Studies, pass a preliminary examination prescribed by the Board of Studies;
    (c) engage in such study in Engineering after admission as the Board of Studies shall prescribe either,
        (i) if a full-time candidate, for not less than one year, or
        (ii) if a part-time candidate, for not less than two years;
    (d) carry out under supervision a project in a field of study approved by the Board of Studies and submit for examination a thesis on such project; and
    (e) lodge with the Registrar three copies (typewritten or printed) of the thesis.

12. (1) A candidate who has been admitted to candidature with exemption from the preliminary examination shall, unless special permission is granted by the Board of Studies, attempt the final examination for the degree not later than three years after admission to candidature.
(2) A candidate who has been admitted to candidature without exemption from the preliminary examination, shall, unless special permission is granted by the Board of Studies, attempt the final examination for the degree not later than three years after passing the preliminary examination.
(3) Except with the permission of the Board of Studies a candidate may not attempt a preliminary examination more than once.

13. The Board of Studies shall review the progress of each candidate at the end of each calendar year and, on the recommendation of the Head of the Department concerned, may terminate the candidature of any candidate who has not shown evidence of sufficient progress towards the degree.

14. The Board of Studies shall appoint a person who is a full-time member of the staff of the University to act as supervisor in respect of the candidate's project.

15. The Board of Studies shall appoint at least two examiners of the thesis of whom at least one may be an external examiner.

16. The results of the examinations and the examiners' reports of the thesis shall be considered by the Board of Studies, which shall make a recommendation regarding the award of the degree to the Faculty.

17. The Board of Studies may deem time spent or work done towards any of the Diplomas of the Faculty by a candidate before admission to candidature for the degree to be time spent or work done after admission provided that the candidate has ceased to be a candidate for that Diploma.

DIPLOMAS

In accordance with section 18 of Chapter XIV of the By-laws the Senate has prescribed the following Resolutions for the Diplomas offered by the Faculty of Engineering:

1. An applicant for admission to candidature for any of the diplomas in the Faculty of Engineering shall apply in writing to the Registrar for such admission to candidature.

2. Admission to candidature may be granted to—
    (a) a graduate in Engineering of the University of Sydney;
    (b) any other graduate of the University of Sydney who has completed courses acceptable to the Faculty of Engineering;
    (c) a graduate in Engineering of any other university or any college of advanced education;
    (d) a person who has obtained such qualifications or completed such courses in Engineering as are acceptable to the Faculty of Engineering and the Academic Board; *or*
    (e) a person who furnishes such evidence of special fitness as satisfies the Faculty of Engineering and the Academic Board that such person is qualified to enter upon systematic courses of study in the field of the Diploma.

3. An applicant may receive credit for time spent or work done towards the degree of Master of Engineering Science, provided the applicant has ceased to be a candidate for that degree.

4. A candidate shall, either full-time for at least one year or part-time for at least two years, attend such courses of study and pass such examinations in those courses as the Faculty shall from time to time prescribe.

5. Except with the special permission of the Faculty, a candidate shall complete all requirements for the award of the diploma within three years of the date of admission to candidature.

6. The diplomas shall be awarded in three grades, namely Distinction, Credit and Pass.

7. The admission and work of candidates and the award of the diplomas in the Faculty shall be supervised by the Board of Studies for the degree of Master of Engineering Science (second alternative).

RESOLUTIONS OF THE FACULTY

MASTER OF ENGINEERING

With regard to the presentation of thesis, candidates shall lodge four copies of the thesis properly bound in a form required by the Faculty of Engineering. Whenever possible, theses should be printed, or typed in double space, with wide margins, on A4 size paper. The candidate's name, title of thesis and the year of presentation should be printed on the cover and, if possible, on the spine.

BOARD OF EXAMINERS

Pursuant to section 12 of Chapter VIII of the By-laws, the Faculty has resolved to establish the following Boards of Examiners:

Boards of Examiners for the Degree of Bachelor of Engineering

(i) For Junior and Intermediate years:
    (a) The Dean and the Pro-Dean.
    (b) Heads of Departments or their representatives.
    (c) The examiners of all courses in which Junior and Intermediate students are enrolled. A sub-Committee of this Board, consisting of the Chairman of the Undergraduate Studies Committee and one examiner appointed by each Department, shall review the results and make recommendations to the Board of Examiners.

(ii) For Senior and Senior Advanced Years:
    (a) The Dean and Pro-Dean.
    (b) Heads of Departments or their representatives.

(c) The examiners of all Senior and Senior Advanced courses.

Sub-Committees of this Board consisting of the teaching staff of each Department, shall review the results and make recommendations to the Board of Examiners.

BOARD OF POSTGRADUATE STUDIES

Pursuant to section 13 of Chapter VIII of the By-laws the Faculty appoints the following Board of Postgraduate Studies:

(a) The Professors, Readers, Associate Professors, Senior Lecturers, Lecturers, Senior Tutors, Senior Demonstrators, Senior Tutor-Demonstrators and Assistant Lecturers in the Faculty of Engineering Departments, being full-time permanent or full-time temporary members of the teaching staff.

(b) The Heads of the School of Physics, Chemistry and Undergraduate Studies in Architecture.

(c) The Heads of the Departments of Pure Mathematics, Applied Mathematics, Mathematical Statistics, Geology and Geophysics and Town and Country Planning.

(d) One full-time member of the academic staff of each of the Schools and Departments mentioned in the foregoing subparagraphs (b) and (c), nominated by the respective Head from time to time.

(e) Such Fellows of the Senate as are graduates in Engineering.

(f) Not more than three persons distinguished in the field of Engineering appointed by the Senate on the nomination of the Dean with the approval of the Faculty.

(g) Such other members, if any, being full-time members of the senior administrative or senior research staff in the Faculty as may be appointed from time to time by the Senate on the nomination of the Faculty.

BOARD OF STUDIES RESOLUTIONS

Resolutions of the Board of Studies for the degree of Master of Engineering Science

(second alternative)

Pursuant to section 19 (a) of Chapter XIV of the By-laws the Board of Studies for the degree of Master of Engineering Science (second alternative) has prescribed the following courses which may be taken by candidates for the degree and for postgraduate diplomas within the Faculty of Engineering:

		Unit value
Chemical Engineering		
Ch 0.21	Filtering and Parameter Estimation	2
Ch 0.22	Advanced Optimisation	3
Ch 1.40	Direct Digital Control	3
Ch 1.41	Advanced Process Dynamics and Control	3
Ch 1.42	Modelling and Process Simulation	2
Ch 1.43	Process Computer Systems	3
Ch 1.44	Applied Optimal Control	2
Ch 3.54	Fluidmechanics in Reservoirs	4
Ch 3.55	Reservoir Analysis	4
Ch 3.56	Recovery Methods	3
Ch 3.57	Enhanced Methods	2
Ch 4.57	Hydrocarbon Properties	3
Ch 4.58	Petroleum Processing	4
Ch 7.01	Computer-aided Design	3
Ch 7.03	Economics of Petroleum Exploration and Production	1
Ch 7.04	Legislation and Pricing in Exploration and Producing	1
Ch 9.09	Pollutant Dispersion Modelling	3
Ch 9.11	Chemical Reactor Systems	3
Ch 9.12	Drilling Practice, Sampling and Core Analysis	2
Electrical Engineering		
E 5.00	Integrated Circuit Design	3
E 5.08	Circuits and Systems	2
E 5.10	Analogue Digital Techniques	2
E 5.17	Computer-Aided Circuit Analysis and Design I	2
E 5.18	Computer-Aided Circuit Analysis and Design II	2
E 5.24	Computer-Aided Design and Filters I	2
E 5.25	Computer-Aided Design and Filters II	2
E 5.26	Computer-Aided Design and Filters III	2
E 5.31	Antennas and Propagation I	2
E 5.32	Antennas and Propagation II	2
E 5.33	Antennas and Propagation III	2
E 5.34	Telecommunications	2
E 5.35	Guided Waves: Theory and Practice I	2
E 5.36	Guided Waves: Theory and Practice II	2
E 5.41	Transmission Systems	2
E 5.42	Switching Systems I	2
E 5.43	Switching Systems II	2
E 5.50	Audio and Electroacoustics I	2
E 5.51	Audio and Electroacoustics II	2
E 5.60	Optical Transmission and Processing	2
E 5.61	Solid State Electronics: Electronics Elective: Solar Cells and Related Optoelectronic Devices	3
E 5.62	Essay/Seminar	1
E 6.14	Power Systems I	2
E 6.15	Power Systems II	2
E 6.16	Power Systems III	2
E 6.17	Power Systems Analysis	2
E 6.18	Power Systems Planning	2
E 6.19	Power Systems Protection	2
E 6.21	Power Engineering I	2
E 6.22	Power Engineering II	2
E 6.24	Underground Transmission	3
E 6.25	Electrical Power Distribution Systems	3
E 6.27	Energy and Power Generation I	2
E 6.35	Switchgear and Circuit Interruption	2
E 6.36	Plant Rating	2
E 6.39	Silicon Controlled Rectifiers and their Circuit Application	2
E 6.40	Power Electronics I	2
E 6.41	Power Electronics II	2
E 6.42	Power Electronics III	2
E 6.60	Elements of Electrical Machine Design	2
E 1.54	Digital Systems I	2
E 1.55	Digital Systems II	2
E 1.56	Digital Systems III	2
E 1.57	Analogue and Digital Differential Analysers	2
E 1.60	Digital Systems IV	2
E 1.61	Control I	2

		Unit value
E 1.62	Control II	2
E 1.63	Control III	2
E 1.64	System Identification Modelling	3
E 3.01	Plasma Statics	2
E 3.02	Plasma Dynamics	2
	Mechanical Engineering	
M 0.15	Computational Methods in Engineering	3
M 0.16	Advanced Computational Methods in Engineering	2
M 1.11	Stochastic Processes in Engineering Systems	3
M 1.19	Kinematics of Spatial Mechanism	3
M 2.45	Fracture Design	3
M 2.61	Friction, Wear and Lubrication of Solids	3
M 3.35	Advanced Gas Dynamics with Engine Application	3
M 3.38	Environmental Acoustics	4
M 3.39	Ship Model Tank Technique	2
M 3.42	Combustion and Air Pollution	4
M 4.41	Solar Power	3
M 7.51	Business Policies and Practices A	4
M 7.52	Business Policies and Practices B	4
M 7.53	Background to Industrial Management A	3
M 7.54	Background to Industrial Management B	3
M 9.03	Science and Technology of Polymer Processing	2
M 9.08	Environmental Impact Assessment	5
	Civil Engineering	
C 0.81	Automatic Computers and Civil Engineering	3
C 2.13	Frame Analysis I	3
C 2.15	Stability of Structures	3
C 2.16	Structural Dynamics	3
C 2.17	Thin-Walled Structures	3
C 2.18	Plates and Shells	3
C 2.19	Frame Analysis II	3
C 3.62	Applied Fluid Mechanics — Pressure Surges	3
C 3.63	Applied Fluid Mechanics — Open Channels	3
C 3.64	Applied Fluid Mechanics — Models	3
C 7.71	Network Analysis in Engineering Construction	2
C 8.22	Light Gauge Metal Structures	2
C 8.23	Composite Structures	2
C 8.24	Engineering Properties of Metals	3
C 8.26	Steel Structures: Members and Connections	3
C 8.27	Steel Structures: Loading, Behaviour and Design	3
C 8.28	Computer Aided Structural Design	2
C 8.31	Technology of Cement and Concrete	2
C 8.36	Special Concrete Structures	2
C 8.37	Concrete Structures: Durability and Environmental Response	3
C 8.38	Concrete Structures: Serviceability and Strength	3
C 8.39	Concrete Structures: Prestressed Concrete	3
C 8.41	Foundation Engineering	3
C 8.42	Site Investigation	3
C 8.43	Properties of Saturated Soil	3
C 8.44	Analysis of Settlement and Soil Structure Interaction	3
C 8.45	Soil Structure Interaction	2
C 8.46	Theory of Soil Stability	3
C 8.47	Earth and Rockfill Dams	2
C 8.48	The Analysis and Design of Pile Foundations	3
C 8.49	Rock Mechanics	2
C 8.51	Numerical and Computer Methods in Geotechnical Engineering	3
C 8.52	Advanced Topics in Geotechnical Engineering	2
C 8.53	Geotechnical Case Studies	2
C 8.54	Engineering Properties of Soils	2
C 8.55	Field Measurement and Instrumentation	2
C 8.56	Theory of Soil Stability	2

Faculty of Dentistry

BY-LAWS CHAPTER XV

1. (1) The Faculty of Dentistry shall comprise the following persons—

(a) the Professors, Readers, Associate Professors, Senior Lecturers, Lecturers, Senior Tutors, Assistant Lecturers and Tutors in the Departments of Operative Dentistry, Oral Surgery, Preventive Dentistry and Prosthetic Dentistry being full-time permanent or full-time temporary members of the teaching staff;

(b) the Deans of the Faculties of Medicine and Science;

(c) the Heads of the Schools of Biological Sciences, Chemistry and Physics or their nominees;

(d) the Heads of the Departments of Anatomy, Bacteriology[1], Biochemistry, Histology and Embryology, Pathology, Pharmacology and Physiology or their nominees and up to two full-time members of the academic staff of each of those departments who are responsible for teaching dental students, nominated biennially by the Head of the Department;

(e) the Boden Professor of Human Nutrition;

(f) the University Librarian or a nominee of the University Librarian;

(g) not more than four part-time members of the teaching staff in the Departments of Operative Dentistry, Oral Surgery, Preventive Dentistry and Prosthetic Dentistry to be elected by the members mentioned in paragraphs (a), (b), (c), (d), (e) and (f);

(h) not more than five students elected in the manner prescribed by resolution of the Senate;[2]

(i) the President of the Dental Health Education and Research Foundation within the University of Sydney;

(j) the General Superintendent of the Parramatta Hospitals, the Westmead Centre and the Superintendent of the United Dental Hospital of Sydney;

(k) the Director of Dental Services at the Parramatta Hospitals, Westmead Centre;

(l) the Director of the Institute of Dental Research;

(m) the Principal Dental Adviser of the Health Commission of New South Wales; and

(n) one nominee of each of the Royal Australasian College of Dental Surgeons and the Australian Dental Association (New South Wales Branch).

(2) The election of part-time members pursuant to subsection (1)(g) shall be held at the first meeting of the Faculty in Lent term each year and the members so elected shall hold office until the next annual election but conterminously with their membership of the part-time teaching staff.

2. The degrees and diploma in Dentistry shall be as follows:

(a) Bachelor of Dental Surgery (B.D.S),
(b) Master of Dental Surgery (M.D.S.),
(c) Master of Dental Science (M.D.Sc.),
(d) Doctor of Philosophy (Ph.D.),
(e) Doctor of Dental Science (D.D.Sc.),
(f) Bachelor of Science (Dental) (B.Sc. (Dent.)),
(g) Diploma in Public Health Dentistry (D.P.H.Dent.).

BACHELOR OF DENTAL SURGERY

3. Candidates for the degree of Bachelor of Dental Surgery shall, before admission to the Faculty of Dentistry, produce evidence of having matriculated in accordance with Chapter XX.

4. A candidate for the degree shall complete the requirements for the degree as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

MASTER OF DENTAL SURGERY

5. An applicant for admission to candidature for the degree of Master of Dental Surgery shall—

(a) except as provided in Chapter XXVIA of these By-laws, be a Bachelor of Dental Surgery of the University of Sydney; and

(b) apply in writing to the Registrar for admission to candidature and for the approval of the Faculty.

6. A candidate, unless—

(a) a Bachelor of Dental Surgery with First-class or Second-class Honours,

or

(b) exempted by the Faculty,

shall pass a preliminary examination prescribed by the Faculty, not less than one year after obtaining the degree of Bachelor of Dental Surgery and not less than one year before complying with section 8 (1).

7. The Faculty shall appoint a member of staff of the University to act as a supervisor of the candidate.

7A. The Faculty shall review the progress of each candidate annually and on the recommendation of the Head of Department concerned may terminate the candidature of any candidate who, in the opinion of the Faculty, has not shown evidence of sufficient progress towards the degree.

8. (1) A candidate for the degree of Master of Dental Surgery shall either

(a) submit a thesis embodying the results of an investigation carried out by him in some branch of Dentistry and may be required, at

[1] The Senate has approved an amendment of the by-laws to rename the Department of Bacteriology as the Department of Infectious Diseases.
[2] See Senate Resolutions following Chapter VIII.

[1] See Senate Resolutions this Chapter.

the discretion of the Faculty, to pass an advanced examination in a subject or subjects related to the work of the thesis, or

(b) pass an advanced examination and submit a treatise in some branch of Dentistry approved by the Faculty.

(2) A candidate proceeding under section 8 (1) (a) shall state in his thesis, generally in a preface and specifically throughout the thesis, the sources from which his information was derived, the extent to which he has availed himself of the work of others, and any portion of the thesis which he claims as original. He shall not present as his thesis any work previously submitted for a degree of this or any other University but he may incorporate such work in his thesis provided that he indicates the work so incorporated. A candidate shall lodge with the Registrar three copies (printed or typewritten) of his thesis.

(3) A candidate proceeding under section 8 (1) (b) is required to lodge three copies (printed or typewritten) of his treatise with the Registrar before 1st February. The examination referred to in section 8 (1) (b) shall take place once a year.

9. The Faculty shall appoint two examiners, of whom at least one shall be either an external examiner or a member of the part-time teaching staff of the Faculty. The examiners shall report to the Faculty, which shall determine the result of the examination.

10. The degree shall not be conferred until two years after the conferring of the degree of Bachelor of Dental Surgery.

MASTER OF DENTAL SCIENCE

11. (1) An applicant for admission to candidature for the degree of Master of Dental Science shall—

(a) except as provided in subsection (2) be a Bachelor of Dental Surgery of the University of Sydney;

(b) apply in writing to the Registrar for such admission to candidature and for the approval of the Faculty.

(2) A graduate of Dentistry of any other University or a candidate with equivalent qualifications obtained in an appropriate institution may, with the approval of the Faculty and of the Academic Board, be admitted to candidature for the degree of Master of Dental Science.

(3) The Faculty may admit an applicant to candidature upon probation for a period not exceeding twelve months and at the end of that period shall review the work of the candidate and confirm or terminate his candidature.

(4) A candidate admitted to candidature upon probation whose candidature is subsequently confirmed shall be deemed to have commenced his candidature on the day upon which he was admitted to candidature upon probation.

12. (1) A candidate admitted in accordance with section 11 (1) (a) shall—

(a) unless—

(i) a Bachelor of Dental Surgery with First-class or Second-class Honours or

(ii) exempted by the Faculty,

pass a preliminary examination prescribed by the Faculty not less than one year after obtaining the degree of Bachelor of Dental Surgery, and not less than one year before complying with section 15 (1);

(b) engage for not less than six terms as a full-time student in the University of Sydney in a course of advanced study and research in some branch of Dentistry as approved by the Faculty.

(2) A candidate admitted in accordance with section 11 (2) shall—

(a) unless the Faculty is satisfied that he has already attained the standard required, pass a preliminary examination prescribed by the Faculty, not less than one year after obtaining his dental qualifications and not less than one year before complying with section 15 (1).

(b) engage for not less than six terms as a full-time student in the University of Sydney in a course of advanced study and research in some branch of Dentistry as approved by the Faculty.

(3) The Faculty may approve the inclusion within the six terms of not more than three terms spent in advanced study and research before admission to candidature. The three terms shall have been spent in the University of Sydney or in an institution approved by the Faculty.

13. The Faculty may deem time spent or work done towards the degree of Doctor of Philosophy by a candidate before his admission to candidature to be time spent or work done after admission, provided the candidate has ceased to be a candidate for the degree of Doctor of Philosophy.

14. The Faculty shall appoint a person who is a full-time member of the University staff to act as supervisor of the candidate.

14A. The Faculty shall review the progress of each candidate annually and on the recommendation of the Head of Department concerned may terminate the candidature of any candidate who, in the opinion of the Faculty, has not shown evidence of sufficient progress towards the degree.

15. (1) A candidate shall submit a thesis embodying the results of his advanced study and research. He shall in addition pass an advanced examination as prescribed by the Faculty.

(2) A candidate shall state in his thesis, generally in a preface and specifically throughout the thesis, the sources from which his information was derived, the extent to which he has availed himself of the work of others, and the portion of the work which he claims as original. He shall not present as his thesis any work previously submitted for a degree of this or any other University, but he may incorporate such work in his thesis, provided that he indicates the work so incorporated.

(3) A candidate shall lodge with the Registrar three copies (printed or typewritten) of his thesis.

16. The Faculty shall appoint two examiners, of whom at least one shall be either an external examiner or a member of the part-time teaching staff of the Faculty. The examiners shall report to the Faculty, which shall determine the result of the examination.

17. The degree shall not be conferred on a candidate within two years from the date on which the degree of Bachelor of Dental Surgery was conferred or equivalent qualifications obtained by which the candidate was admitted to candidature.

DOCTOR OF DENTAL SCIENCE

18. The degree of Doctor of Dental Science shall be awarded on the recommendation of the Faculty for an original contribution of distinguished merit adding to the knowledge or understanding of any subject with which the Faculty is directly concerned.

19. A candidate for the degree of Doctor of Dental Science shall either—
   (a) have held the degree of Bachelor of Dental Surgery of the University of Sydney for at least five years; or
   (b) (i) have held for at least five years the degree of Bachelor of Dental Surgery or a degree or other qualification of another university or institution determined by the Academic Board on the recommendation of the Faculty to be equivalent to the degree of Bachelor of Dental Surgery of the University of Sydney; and
   (ii) have had such continuing association with the academic work of the University of Sydney and over such period as the Academic Board on the recommendation of the Faculty shall determine is appropriate.

20. (1) A candidate shall submit to the Registrar five copies of the thesis, thesis supported by published work, or published work alone, which he wishes to have examined. The work submitted shall be a record of original research undertaken by the candidate who shall state the sources from which he has availed himself of the work of others and the portion of the work he claims as original.
(2) If the work submitted records work carried out conjointly, irrespective, in the case of published work, of whether it has been published in the candidate's sole name or under conjoint authorship, the candidate shall state the extent to which he was responsible for the initiation, conduct and direction of such conjoint research.
(3) Where the work submitted incorporates work previously submitted for a degree in this or in any other university, the candidate shall clearly indicate which portion of the work was so submitted.
(4) If published work is submitted, either reprints or copies of such work shall be properly bound. The bound work shall include an introduction describing the theme of the published work submitted, and stating how the various publications are related to one another and to the theme.
(5) To establish *prima facie* worthiness for examination of published work, a candidate may, before submitting published work, submit to the Faculty a list of publications and the introduction required by section 20 (4) of this Chapter.

21. On receipt of a report from the Faculty that the thesis and/or work submitted is *prima facie* worthy of examination for the degree, and of a recommendation concerning the examiners to be appointed, the Academic Board shall appoint at least three examiners, of whom, at least one shall normally be a member of the Faculty and of whom at least two shall be external examiners.

21A. On the award of the degree, the Registrar shall lodge one copy of the published work or thesis within the Library.

DOCTOR OF PHILOSOPHY

22. The degree of Doctor of Philosophy shall not be conferred except as prescribed in Chapter XIXD.

BACHELOR OF SCIENCE (DENTAL)

23. A candidate for the degree of Bachelor of Science (Dental) shall complete such requirements for the degree as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.

DIPLOMA IN PUBLIC HEALTH DENTISTRY

24. There shall be a Diploma in Public Health Dentistry (D.P.H. Dent.).

25. (1) The Faculty may admit to candidature—
   (a) a graduate in Dentistry of the University of Sydney; or
   (b) a graduate of the University of Sydney who has completed courses acceptable to the Faculty of Dentistry.
(2) The Academic Board may, on the recommendation of the Faculty, admit to candidature an applicant who has completed courses acceptable to the Faculty and who—
   (a) is a graduate of another University; or
   (b) is registered or registrable as a dental practitioner in the country in which he obtained his dental qualifications and such qualifications have been approved by the Faculty for the purposes of the Diploma.

26. A candidate shall—
   (a) for a period of not less than three consecutive terms as a full-time student or six consecutive terms as a part-time student follow such course of studies as the Head of the Department of Preventive Dentistry prescribes, including Public Health, Dental Public Health and Preventive Dentistry;
   (b) pass examinations in the subjects of Public Health, Dental Public Health and Preventive Dentistry;
   (c) within such period after such examinations as the Faculty prescribes, submit two copies (printed or typewritten) of a thesis on a topic approved by the Head of the Department.

27. The award of the Diploma shall be subject to the completion of the coursework, the thesis and the examinations to the satisfaction of the Faculty on the recommendation of the Head of the Department of Preventive Dentistry.

RESOLUTIONS OF THE SENATE

BACHELOR OF DENTAL SURGERY

In accordance with Section 4 of Chapter XV of the By-laws, the Senate has prescribed the following resolutions for the degree of Bachelor of Dental Surgery:

1. (1) A course shall consist of lectures, seminars or tutorials, together with such clinical and laboratory instruction or practical work, exercises or essays as may be prescribed by the Faculty.
(2) In these resolutions, the words 'to complete a course' and derivative expressions mean:
   (a) to attend all lectures, seminars or tutorials, and clinical and laboratory instruction;
   (b) to complete satisfactorily the practical work, exercises or essays if any; and
   (c) to pass the examinations in the course.

2. (1) An examination shall be held for each of the prescribed courses of study for the degree.
(2) At each examination a candidate may be required to give proof of his knowledge by a practical or *viva voce* examinations, and the results of such tests may be taken into account in determining the results of the examinations.

3. A candidate for the degree shall, during the First Year, complete the following courses:
   (1) Physics.
   (2) Chemistry
   (3) Biology
   (4) Dental Science I.

4. A candidate for the degree shall, during the Second Year, complete the following courses:
(1) Anatomy
(2) Biochemistry
(3) Histology
(4) Physiology
(5) Dental Science II.

5. A candidate for the degree shall, during the Third Year, complete the following courses:
(1) Bacteriology
(2) Pathology
(3) Operative Dentistry
(4) Prosthetic Dentistry
(5) Preventive Dentistry
(6) Oral Biology
(7) Oral Diagnosis and Radiology
(8) Occlusion.

6. A candidate for the degree shall, during the Fourth Year, complete the following courses:
(1) Operative Dentistry (including Crown and Bridgework, Ceramics and Endodontics)
(2) Prosthetic Dentistry
(3) Preventive Dentistry
(4) Oral Surgery
(5) Surgery
(6) Medicine
(7) Pharmacology and Therapeutics
(8) Anaesthesia (Local and General)
(9) Oral Diagnosis and Radiology
(10) Periodontics
(11) Pedodontics
(12) Orthodontics.

7. A candidate for the degree, shall, during the Fifth Year, complete the following courses:
(1) Clinical Dentistry
(2) Community and Preventive Dentistry (including Dental Public Health, Ethics and Professional Responsibility)
(3) An elective course embodying further study in one of the courses listed in Resolutions 3, 4, 5 or 6.

8. Except by permission of the Dean of the Faculty, no candidate shall be allowed to sit for any yearly examination unless the requirements as specified by the Faculty for that year have been completed.

9. Candidates who have completed all courses for the degree to the satisfaction of the Faculty may be recommended to the Senate for the degree of Bachelor of Dental Surgery.

9A. Except with the permission of the Faculty, all requirements for the degree shall be completed within nine calendar years from the date of first enrolment in the Faculty.

10. First-class or Second-class Honours may be awarded at graduation.

11. The candidate who shall have most distinguished himself at the Final Examination for the degree of Bachelor of Dental Surgery shall, if he possesses sufficient merit, receive a bronze medal.

12. A candidate who had been enrolled for the degree of Bachelor of Dental Surgery but has not re-enrolled for a period of three or more consecutive years shall complete the requirements for the degree under such conditions as the Faculty may determine.

Transitional provisions for the degree of bachelor of Dental Surgery

13. Pursuant to section 4 of Chapter XV of the by-laws, and except as provided in Resolution 14, a candidate enrolled for the degree of Bachelor of Dental Surgery prior to 1 January 1978, who has not completed the requirements for the degree by that date, shall proceed to the degree in accordance with the By-laws in force immediately prior to 1 January 1978.

14. Where a course for the degree is no longer available, a candidate shall complete instead such other course or courses as the Faculty may by resolution prescribe.

BACHELOR OF SCIENCE (DENTAL)

1. A candidate for the degree of Bachelor of Dental Surgery who—
(a) has completed the courses of the second year for the degree,
(b) has shown special merit in his studies and
(c) is considered by the Head of the appropriate Department a suitable candidate for advanced work

may be permitted by the Faculty to interrupt his candidature for the degree and undertake an approved course of advanced study in one of Anatomy, Biochemistry, Dental Materials Science, Histology or Physiology.

2. A candidate for the degree of Bachelor of Dental Surgery who—
(a) has completed the courses of the third year or the fourth year for the degree,
(b) has shown special merit in his studies and
(c) is considered by the Head of the appropriate Department a suitable candidate for advanced work

may be permitted by the faculty to interrupt his candidature for the degree and undertake an approved course of study in one of Anatomy, Bacteriology, Biochemistry, Dental Materials Science, Histology, Oral Biology, Pathology or Physiology.

3. A person who—
(a) has qualified for the award of the degree of Bachelor of Dental Surgery of the University of Sydney,
(b) has shown special merit in his studies and
(c) is considered by the Head of the appropriate Department a suitable candidate for advanced work

may be permitted by the Faculty to undertake, during the year immediately following that in which he qualified for the award of the degree of Bachelor of Dental Surgery, an approved course of study in one of Anatomy, Bacteriology, Biochemistry, Dental Materials Science, Histology, Oral Biology, Pathology or Physiology.

4. On completion of the course, the candidate may be recommended by the Faculty for admission to the Pass degree of Bachelor of Science (Dental) or, in cases of outstanding merit, to the Honours degree of Bachelor of Science (Dental). For the Honours degree, there shall be two classes of Honours, namely Class I and Class II.

RESOLUTIONS OF THE FACULTY

POSTGRADUATE COMMITTEE IN DENTAL SCIENCE

1. (i) There shall be a Committee of the Faculty of Dentistry to be known as the University of Sydney Postgraduate Committee in Dental Science.
(ii) The objectives of the Committee shall be as follows:
(a) to develop and promote postgraduate and continuing education and research in the art and science of dentistry;
(b) to encourage awareness among graduate and undergraduate dental students of the need

for postgraduate and continuing education; and

(iii) The Committee may:

(a) organise postgraduate courses, demonstrations, lectures, seminars and clinical programmes and other postgradute instructions in dentistry;

(b) engage in such activities as will further its objectives, and co-operate in this work with bodies with similar objectives;

(c) solicit gifts, donations, bequests to the University of Sydney for the promotion of its objectives;

(d) recommend grants for equipment, plant, instruments and materials;

(e) promote visits of teachers, clinicians, research workers and scholars to the University of Sydney and the Faculty of Dentistry whose expertise can help attain its objectives;

(f) provide grants to support research workers at the University of Sydney or at such other institutions as may be approved for the purpose;

(g) promote studentships and fellowships tenable in Australia or overseas to encourage research in Dentistry; and

(h) do all such things as are incidental or conducive to the attainment of its objectives.

2. (i) The Committee shall comprise the following persons:

(a) the Dean of the Faculty of Dentistry and the Professors in the professional subjects of the dental curriculum;

(b) the Heads, or Acting Heads, of the Departments within the Faculty; or their representatives;

(c) a nominee of the Australian Dental Association;

(d) a nominee of the Australian Dental Association (N.S.W. Branch);

(e) the Superintendent of the United Dental Hospital, or the Acting Superintendent or his representative;

(f) the Director of the Institute of Dental Research, or the Acting Director or his representative;

(g) a nominee of the Royal Australian College of Dental Surgeons;

(h) a representative of the preclinical subjects of the dental curriculum elected by the Faculty;

(i) not more than two co-opted members elected by the Faculty if it so desires.

(ii) Those members of the Committee who are elected shall hold office for two years from the date of their election (or until their successors are elected) and shall be eligible for re-election.

3. The Dean of the Faculty shall be the Chairman of the Committee.

4. Meetings of the Committee shall be convened by the Chairman and for any meeting three members shall form a quorum.

5. All moneys received by or on behalf of the Committee shall be paid to the University forthwith and shall be set apart as a separate fund to be known as 'University of Sydney Postgraduate Committee in Dental Science Fund Account' and be used for carrying on the work of the Committee or set apart as such separate funds for special purposes as the Committee may determine.

6. The Committee shall lay before the Faculty of Dentistry a report of its proceedings each term.

BOARDS OF EXAMINERS

For the degree of Bachelor of Dental Surgery

1. The Faculty of Dentistry shall appoint annually Boards of Examiners which shall be responsible for the conduct of examinations in the subjects laid down under Chapter XV of the By-laws in respect of candidates for the degrees of Bachelor of Dental Surgery and Bachelor of Science (Dental).

2. The Boards of Examiners shall be appointed pursuant to section 12 of Chapter VIII of the By-laws.

3. The Boards shall be known respectively as the Board of Examiners for First Year Dentistry; the Board of Examiners for Second Year Dentistry; the Board of Examiners for Third Year Dentistry; the Board of Examiners for Fourth Year Dentistry; the Board of Examiners for Fifth Year Dentistry; and the Board of Examiners for the Bachelor of Science (Dental).

4. The Dean of the Faculty of Dentistry shall be *ex officio* Chairman of each Board of Examiners.

5. The Boards of Examiners shall consist of the following members:

(i) for First Year: the head or a nominee of the head of each of the following departments: Biological Sciences, Chemistry and Physics; and the Chairman of the Interdepartmental Committee for Dental Science I or a nominee of the Chairman.

(ii) for Second Year: the heads of each of the following departments or their nominees: Anatomy, Biochemistry, Histology and Physiology; and the Chairman of the Interdepartmental Committee for Dental Science II or a nominee of the Chairman.

(iii) for Third Year: the heads of each of the following departments or their nominees: Bacteriology, Pathology, Operative Dentistry and Prosthetic Dentistry; the Professor of Oral Biology and the chairmen of the Interdepartmental Committees for Oral Diagnosis and Radiology, and Occlusion or their nominees.

(iv) for Fourth Year: the heads of each of the following departments or their nominees: Operative Dentistry, Oral Surgery, Preventive Dentistry and Prosthetic Dentistry; and the Chairman of the Interdepartmental Committee for the course Oral Diagnosis and Radiology or a nominee of the Chairman.

(v) for Fifth Year: the members of the Board of Studies in Fifth Year as elected by the Faculty.

(vi) for the degree of Bachelor of Science (Dental): the members of the Committee appointed by Faculty to supervise the admission of candidates to the BSc(Dent) course.

6. The Chairman of the Board of Examiners on the recommendation of the Head of Department concerned may invite other members of the Faculty to attend meetings of the Board.

Faculty of Veterinary Science

BY-LAWS CHAPTER XVI

1. (1) The Faculty of Veterinary Science shall be constituted as follows:
   (a) the Professors, Readers, Associate Professors, Directors, Senior Lecturers and Lecturers being full-time permanent members of the teaching staff in the Departments of Veterinary Anatomy, Veterinary Clinical Studies, Veterinary Pathology, Veterinary Physiology and Animal Husbandry;
   (b) the Heads of the Departments of Biochemistry, Histology and Embryology, and Pharmacology together with one full-time permanent member of each of these Departments nominated biennially by the Head of the Department;
   (c) the Heads of the Schools of Physics, Chemistry, and Biological Sciences or one full-time permanent member of the academic staff of each of those Schools nominated biennially by the Head of the School;
   (d) the Dean of the Faculty of Agriculture;
   (e) The Director of the University Farms;
   (f) the Superintendents, Senior Clinical Pathologist and Senior Clinical Instructor, being full-time permanent members of the staff of the Veterinary Hospital and Clinic and the Rural Veterinary Centre;
   (g) the Director of the University Animal Houses;
   (h) the Professor of Agronomy or a full-time permanent member of the academic staff of the Department of Agronomy and Horticultural Science nominated biennially by that Professor;
   (i) the Director of Biometric Services or a full-time permanent member of the academic staff in Biometry nominated biennially by that Director;
   (j) not more than three persons distinguished in the field of Veterinary Science appointed by the Senate on the nomination of the Dean of the Faculty of Veterinary Science with the approval of the Faculty;
   (k) the short-term Senior Lecturers and the short-term Lecturers in the Departments of Veterinary Anatomy, Veterinary Clinical Studies, Veterinary Pathology, Veterinary Physiology and Animal Husbandry; and
   (l) not more than three students elected in the manner prescribed by resolution of the Senate.[1]

   (2) A person appointed pursuant to subsection (l) (j) shall be appointed for a period of three years and shall be eligible for reappointment for one further period of three years.

2. (1) The degrees in the Faculty of Veterinary Science shall be as follows:
   (a) Bachelor of Veterinary Science (B.V.Sc.),
   (b) Bachelor of Science (Veterinary) (B.Sc.(Vet.)),
   (c) Master of Veterinary Science (M.V.Sc.),
   (d) Master of Veterinary Clinical Studies (M.Vet.Clin.Stud.),
   (e) Doctor of Philosophy (Ph.D.),
   (f) Doctor of Veterinary Science (D.V.Sc.).

   (2) The diplomas in the Faculty of Veterinary Science shall be as follows:[2]
   (a) Diploma in Veterinary Pathology (Dip.Vet.Path.),
   (b) Diploma in Veterinary Radiology (Dip.Vet.Rad.),
   (c) Diploma in Veterinary Anaesthesia (Dip.Vet.An.),
   (d) Diploma in Avian Medicine (Dip.Av.Med.),
   (e) Diploma in Veterinary Clinical Studies (Dip.Vet.Clin.Stud.).
   (f) Diploma in Wildlife Medicine and Husbandry (Dip.Wildlife Med. & Hus.).
   (g) Diploma in Laboratory Animal Science (Dip.Lab.Anim.Sc.)

3. Candidates for the degree of Bachelor of Veterinary Science shall, before admission to the Faculty of Veterinary Science, produce evidence of having matriculated in accordance with Chapter XX.

BACHELOR OF VETERINARY SCIENCE

4. A candidate for the degree of Bachelor of Veterinary Science shall complete the requirements for the degree as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[2]

BACHELOR OF SCIENCE (VETERINARY)

5. A candidate for the degree of Bachelor of Science (Veterinary) shall complete the requirements for the degree as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[2]

MASTER OF VETERINARY SCIENCE

6. A candidate for the degree of Master of Veterinary Science shall complete the requirements for the degree as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[2]

MASTER OF VETERINARY CLINICAL STUDIES

7. A candidate for the degree of Master of Veterinary Clinical Studies shall complete the requirements for the degree as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[2]

DOCTOR OF PHILOSOPHY

8. The degree of Doctor of Philosophy shall not be conferred except as prescribed in Chapter XIXD.

[1] See Senate Resolutions following Chapter VIII.
[2] See Senate Resolutions this chapter.

DOCTOR OF VETERINARY SCIENCE

9. The degree of Doctor of Veterinary Science shall not be conferred except as prescribed in Chapter XIXB.

DIPLOMA IN VETERINARY PATHOLOGY

10. A candidate for the Diploma in Veterinary Pathology shall complete the requirements for the Diploma as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

DIPLOMA IN VETERINARY RADIOLOGY

11. A candidate for the Diploma in Veterinary Radiology shall complete the requirements for the Diploma as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

DIPLOMA IN VETERINARY ANAESTHESIA

12. A candidate for the Diploma in Veterinary Anaesthesia shall complete the requirements for the Diploma as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

DIPLOMA IN AVIAN MEDICINE

13. A candidate for the Diploma in Avian Medicine shall complete the requirements for the Diploma as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

DIPLOMA IN VETERINARY CLINICAL STUDIES

14. A candidate for the Diploma in Veterinary Clinical Studies shall complete the requirements for the Diploma as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

DIPLOMA IN WILDLIFE MEDICINE AND HUSBANDRY

15. A candidate for the Diploma in Wildlife Medicine and Husbandry shall complete the requirements for the Diploma as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

DIPLOMA IN LABORATORY ANIMAL SCIENCE

16. A candidate for the Diploma in Laboratory Animal Science shall complete the requirements for the Diploma as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

RESOLUTIONS OF THE SENATE

BACHELOR OF VETERINARY SCIENCE

In accordance with Chapter XVI, section 4, the Senate has prescribed the following resolutions for the degree of Bachelor of Veterinary Science:

1. Candidates for the degree of Bachelor of Veterinary Science shall complete the following courses of instruction:

(i) In the First Year—
Introductory Veterinary Science
Introductory Biology
Chemistry
Physics
Veterinary Anatomy I
Veterinary Histology I
Biometry
Animal Husbandry
Biochemistry I

(ii) In the Second Year—
Veterinary Anatomy II
Veterinary Histology II
Veterinary Physiology I
Biochemistry II
Animal Nutrition
Animal Genetics
Veterinary Pathology I
Pastoral Botany and Agronomy

(iii) In the Third Year—
Veterinary Physiology II
Veterinary Pathology II
Veterinary Microbiology I
Veterinary Pharmacology and Toxicology
Veterinary Medicine I (Part A)
Veterinary Surgery I (Part A)
Veterinary Parasitology (Part A)

(iv) In the Fourth Year—
Veterinary Medicine I (Part B)
Veterinary Surgery I (Part B)
Veterinary Parasitology (Part B)
Veterinary Anatomy III
Veterinary Clinical Pathology I
Animal Reproduction (Applied)
Animal Nutrition
State Veterinary Medicine

(v) In the Fifth Year—
Veterinary Medicine II
Veterinary Surgery II
Animal Production.
Veterinary Clinical Pathology II
Veterinary Public Health

2. A course shall consist of lectures, together with such clinical, laboratory and tutorial instructions, practical work, exercises and essays as may be prescribed by the Faculty.

In these resolutions, 'to complete a course' and derivative expressions means:

(a) to attend the lectures and seminars, if any, for clinical, laboratory or tutorial instructions;
(b) to complete satisfactorily the practical work, exercises and essays, if any; and
(c) to pass the examinations, if any, in the course.

3. Class examinations may be held during each course of instruction in each term; students shall not absent themselves from these examinations except upon production of a medical certificate. A report of the results signed by the responsible teacher, shall be presented to the Dean and may be taken into account at the Annual examinations.

4. (1) There shall be a barrier assessment called the Trinity Term Barrier Examination at the end of Trinity term in the First Year.

(2) At the Trinity Term Barrier Examination, a Board of Examiners appointed annually by the Faculty for that purpose shall review the performance of candidates in those courses which are prescribed for completion by the end of Trinity term.

(3) A candidate who fails to complete one or more of these courses satisfactorily shall be deemed to have failed the Trinity Term Barrier Examination.

(4) A candidate who has been deemed to have failed the Trinity Term Barrier Examination shall not be permitted to complete the remaining

[1] See Senate Resolutions this Chapter.

courses of the First Year, except that the Faculty may permit a candidate to complete the courses in accordance with such particular conditions as the Faculty may prescribe.

(5) A candidate who has been deemed to have failed the Trinity Term Barrier Examination, except as prescribed in subsection (4) above, shall repeat such courses and complete satisfactorily such assessments as the Board of Examiners in accordance with the Resolutions of the Faculty shall prescribe, provided always that the student shall be eligible for reconsideration at the barrier assessment when a period of twelve months shall have elapsed.

5. (i) An annual examination may be held for each of the prescribed courses of study for the degree.
(ii) At each annual examination, a candidate shall be required to give proof of his knowledge by written answers to the questions set, and if required also by practical or *viva voce* examination or both.

6. No candidate for the degree of Bachelor of Veterinary Science may attend lectures or sit for examination in the subjects of the subsequent year until he has passed in all the subjects of the previous year unless permitted by Faculty.

7. A candidate who has been enrolled for the degree of Bachelor of Veterinary Science but has not re-enrolled for a period of three or more consecutive years shall complete the requirements for the degree under such conditions as the Faculty may determine.

8. During the Fifth Year, candidates shall be required to spend such periods in residence at the University of Sydney Farms as the Faculty may from time to time determine.

9. Before admission to the degree of Bachelor of Veterinary Science, candidates shall be required to complete such practical clinical work as may from time to time be prescribed by the Faculty.

10. Before admission to the degree of Bachelor of Veterinary Science, each candidate shall be required to produce evidence of having spent such periods as may be specified by the Faculty in gaining approved practical experience in animal management.

11. (1) First and Second Class Honours may be awarded at graduation.

(2) Results obtained in annual examinations shall determine whether a candidate qualifies for the award of honours.

(3) Honours shall not be awarded to a candidate who has taken longer to complete his course than the minimum period in which a candidate may complete a degree of Bachelor of Veterinary Science.

(4) Notwithstanding the provisions of subsection (3) of this section, the Faculty, for special reasons, may permit the award of honours to a candidate who has taken longer to complete his course than the period specified in that subsection.

(5) If a candidate graduates with First Class Honours and the Faculty is of the opinion that his work is of sufficient merit, he shall receive a bronze medal

BACHELOR OF VETERINARY SCIENCE

Transitional provisions

12. Except as provided in section 13 of these resolutions, a candidate enrolled for the degree of Bachelor of Veterinary Science before 1st January, 1974, and who has not completed the requirements for the degree by that date, shall proceed to the degree in accordance with the By-laws in force immediately prior to 1st January, 1974.

13. A candidate enrolled for the degree prior to 1st January, 1974, and who subsequent to that date fails a course, or does not re-enrol in the following calendar year in the next academic year, shall if that course is no longer available, complete such other course or courses as the Faculty may by resolution prescribe.

BACHELOR OF SCIENCE (VETERINARY)

In accordance with Chapter XVI, section 5, the Senate has prescribed the following resolutions for the degree of Bachelor of Science (Veterinary):

1. (1) A candidate for the degree of Bachelor of Science (Veterinary) who
(a) has completed the courses of the Second Year for the degree of Bachelor of Veterinary Science,
(b) has shown special merit in his studies, and
(c) is considered by the Head of the appropriate Department or School to be a suitable candidate for advanced work

may be permitted by the Faculty to interrupt his candidature for the degree of Bachelor of Veterinary Science and undertake an approved course of advanced study for no more than three consecutive terms in Animal Nutrition or Biochemistry or Histology or Veterinary Anatomy.

(2) On completion of the course the candidate may be recommended by the Faculty for admission to the degree of Bachelor of Science (Veterinary).

(3) The degree shall be awarded in one of two grades, either Pass or Pass with Distinction.

2. (1) A candidate for the degree of Bachelor of Science (Veterinary) who
(a) has completed the courses of the Third Year for the degree of Bachelor of Veterinary Science,
(b) has shown special merit in his studies, and
(c) is considered by the Head of the appropriate Department or School to be a suitable candidate for advanced work

may be permitted by the Faculty to interrupt his candidature for the degree of Bachelor of Veterinary Science and undertake an approved course of advanced study for not more than three consecutive terms in Animal Genetics or Animal Nutrition or Biochemistry or Histology or Veterinary Anatomy or Veterinary Bacteriology or Veterinary Pathology or Veterinary Pharmacology and Toxicology or Veterinary Physiology or Veterinary Virology or Zoology or such other areas as Faculty from time to time may determine.

(2) On completion of the course the candidate may be recommended by the Faculty for admission to the degree of Bachelor of Science (Veterinary).

(3) (a) The degree shall be awarded in one of two grades, either the Pass degree or, in cases of outstanding merit, the Honours degree.
(b) For the Honours degree there shall be two classes of Honours, namely Class I and Class II.

3. (1) A candidate for the degree of Bachelor of Science (Veterinary) who
(a) has completed the courses of the Fourth Year for the degree of Bachelor of Veterinary Science,
(b) has shown special merit in his studies, and

(c) is considered by the Head of the appropriate Department to be a suitable candidate for advanced work

may be permitted by the Faculty to interrupt his candidature for the degree of Bachelor of Veterinary Science and undertake an approved course of advanced study for not more than three consecutive terms in Animal Genetics or Animal Nutrition or Biochemistry or Histology or Veterinary Anatomy or Veterinary Microbiology or Veterinary Parasitology or Veterinary Pathology or Veterinary Pharmacology and Toxicology or Veterinary Physiology or Zoology or such other areas as Faculty from time to time may determine.

(2) On completion of the course the candidate may be recommended by the Faculty for admission to the degree of Bachelor of Science (Veterinary).

(3) (a) The degree shall be awarded in one of two grades, either the Pass degree or, in the case of outstanding merit, the Honours degree.

(b) For the Honours degree there shall be two classes of Honours, namely Class I and Class II.

MASTER OF VETERINARY SCIENCE

In accordance with Chapter XVI, section 6, the Senate has prescribed the following resolutions for the degree of Master of Veterinary Science:

1. An applicant for admission as a candidate for the degree of Master of Veterinary Science shall—

(a) except as provided in Chapter XXVIA of these By-laws, be a Bachelor of Veterinary Science in the University of Sydney.

(b) apply in writing to the Registrar for such admission to candidature.

2. (1) After admission by the Faculty a candidate shall—

(a) subject to the provisions of subsection (2) pass a preliminary examination;

(b) apply for the approval of the Faculty of the topic of a thesis.

(2) (a) A candidate who being a graduate of the University of Sydney is a Bachelor of Veterinary Science with First Class or Second Class Honours or has obtained High Distinction or Distinction in the subject most related to the field in which he is proceeding may be exempted by the Faculty from the preliminary examination.

(b) A candidate admitted to candidature under Chapter XXVIA of these By-laws may be exempted from the preliminary examination.

3. (1) a candidate may be accepted by the Faculty on a probationary basis for a period not exceeding twelve months and on completion of this probationary period, the Faculty shall review the candidate's work and shall either confirm the candidate's status or terminate his candidature.

(2) In the case of a candidate accepted on a probationary basis under subsection (1) his candidature shall be deemed to have commenced from the date of such acceptance.

4. The candidate shall pursue a course of advanced study and research in the University of Sydney except that the Faculty may permit a candidate who is a graduate of the University of Sydney to pursue such a course of advanced study or research or part of it elsewhere.

5. The Faculty shall appoint a full-time member of the staff of the University of Sydney to act as an adviser to the candidate or, in the case of a full-time candidate, a supervisor.

6. The Faculty may deem time spent by a candidate in advanced study and research in the University of Sydney before admission to candidature to be time spent after such admission.

7. (1) A candidate for the degree of Master of Veterinary Science may be required by the Faculty on the recommendation of the Head of the Department and supervisor or adviser concerned to undertake work which may include practical work and attendance at lectures and seminar courses in prescribed subjects.

(2) Where a candidate is required to comply with section (1) he shall, at the end of each year of candidature, produce evidence of progress with such work to the satisfaction of the Head of the Department and supervisor or adviser concerned.

(3) Where a candidate fails to produce satisfactory evidence of progress in accordance with section (2), the Faculty may, on the recommendation of the Head of the Department concerned, terminate his candidature.

8. Not less than one year after passing the preliminary examination, nor less than one year after approval of the topic of a thesis, the candidate shall present a thesis embodying the results of an original investigation by him. He may be required in addition, at the discretion of Faculty, to pass an examination in the branch or branches of Veterinary Science to which the topic of his thesis relates.

9. (1) A candidate shall lodge with the Registrar three copies (printed or typewritten) of his thesis. He shall state in his thesis generally in a preface and specifically in notes, the sources from which his information was derived, the extent to which he has availed himself of the work of others and the portion of the thesis which he claims as original. He shall not present as his thesis any work previously submitted for a degree of this or any other university, but he may incorporate such work in his thesis, provided that he indicates the work so incorporated.

(2) The thesis shall be accompanied by a certificate from the supervisor or adviser stating whether, in his opinion, the form of presentation of the thesis is satisfactory.

10. On receiving the thesis and having considered the certificate of the supervisor or adviser, the Faculty shall, if it thinks fit, appoint examiners. If the Faculty resolves to appoint examiners it shall appoint at least two examiners, of whom at least one shall be an external examiner. The examiners shall report to the Faculty, which shall determine the result of the examination.

11. The degree shall not be conferred in the case of a Bachelor of Veterinary Science with First Class or Second Class Honours until the candidate is a graduate of one year's standing and in the case of any other candidate, until he is a graduate of two years' standing.

MASTER OF VETERINARY CLINICAL STUDIES

In accordance with section 7 of Chapter XVI of the By-laws, the Senate has prescribed the following resolutions for the degree of Master of Veterinary Clinical Studies:

1. The degree of Master of Veterinary Clinical Studies may be taken in various subject areas of Veter-

inary Clinical Studies including Veterinary Anaesthetics, Veterinary Laboratory Medicine, Veterinary Medicine, Veterinary Radiology and Veterinary Surgery and their component specialist areas, and in such other subject areas as may be approved by the Faculty.

2. (1) Except as provided in Resolution 2 (2), an applicant for admission to candidature for the degree shall—
   (a) be a Bachelor of Veterinary Science of the University of Sydney;
   (b) unless exempted by the Faculty be registrable by the Board of Veterinary Surgeons of New South Wales; and
   (c) apply in writing to the Registrar for such admission to candidature and for the approval of the Faculty.

   (2) On the recommendation of the Faculty, the Academic Board may, in accordance with Chapter XXVIA of the By-laws, admit to candidature a graduate of any other university or a person with equivalent qualifications obtained at an appropriate institution, provided that unless exempted by the Faculty the applicant has qualifications registrable by the Board of Veterinary Surgeons of New South Wales.

3. (1) A candidate may be admitted on a probationary basis for a period not exceeding six months and upon completion of this probationary period the Faculty shall review the candidate's work and shall either confirm the candidate's status or terminate the candidature.

   (2) In the case of a candidate admitted on a probationary basis under Resolution 3 (1), the candidature shall be deemed to have commenced from the date of such admission.

4. A candidate shall—
   (a) unless exempted in accordance with the provisions of Resolution 5, pass such preliminary examination as the Faculty may prescribe;
   (b) apply for the approval by the Faculty of the topic of a thesis or treatise; and
   (c) engage for a period of at least two years in full-time supervised study in the University of Sydney in the practice of veterinary clinical work or in some branch of it on a subject approved by the Faculty.

5. A candidate may be exempted by the Faculty from the preliminary examination referred to in Resolution 4 if he—
either
   (a) is a Bachelor of Veterinary Science of the University of Sydney who—
      (i) graduated with First-Class or Second-class Honours,
      (ii) obtained High Distinction or Distinction in the subject most related to the field in which he is proceeding or
      (iii) has been awarded a Diploma in Veterinary Clinical Studies of the University of Sydney;

or
   (b) was admitted to candidature in accordance with Resolution 2 (2) and is deemed by the Faculty to hold a qualification equivalent to one of those set out in Resolution 5 (a).

6. A candidate shall not be given any credit towards the requirements for the degree in respect of any work completed for a diploma within the Faculty.

7. (1) The Faculty shall appoint a full-time member of the academic staff of the University of Sydney to act as supervisor of the candidate.

   (2) The Faculty may also appoint an associate supervisor from either the full-time members of the staff of the University of Sydney or the Honorary Associates of the University.

8. (1) A candidate shall lodge with the Registrar 3 bound copies (printed or typewritten) of the thesis or treatise which embodies the results of an original investigation by him within the approved field of study.

   (2) He shall state in his thesis or treatise, generally in the preface and specifically in notes, the sources from which the information was derived, the extent to which he has availed himself of the work of others and the portion of the thesis or treatise which he claims as original.

   (3) He shall not present as his thesis or treatise any work previously submitted for a degree or diploma of this or any other university, but he may incorporate such work in his thesis or treatise, provided that he indicates the work so incorporated.

   (4) The thesis or treatise shall be accompanied by a certificate from the supervisor stating whether, in his opinion, the form of presentation of the thesis or treatise is satisfactory.

9. On receiving the thesis or treatise and having considered the certificate of the supervisor, the Faculty shall, if it thinks fit, appoint two examiners, of whom one shall be a member of the Faculty and the other an external examiner. The examiners shall report to the Faculty, which shall determine the result of the examination.

10. The Faculty shall review the progress of each candidate annually and on the recommendation of the Head of the Department of Veterinary Clinical Studies may terminate the candidature of a candidate who, in the opinion of the Faculty, has not shown evidence of sufficient progress towards the degree.

DIPLOMA IN VETERINARY PATHOLOGY

In accordance with Chapter XVI, section 10, the Senate has prescribed the following resolutions for the Diploma in Veterinary Pathology:

1. (1) An applicant for admission to candidature for the Diploma shall except as provided in subsection (2), be a graduate in the Faculty of Veterinary Science of the University of Sydney.

   (2) An applicant who, being a graduate of any other university or having obtained equivalent qualifications in an appropriate institution, has completed courses in Veterinary Science acceptable to the Faculty may be admitted as a candidate by the Academic Board on the recommendation of the Faculty.

2. A candidate shall—
   (a) for a period of not less than twelve months follow as a full-time student such courses of studies as the Faculty, on the recommendation of the Head of the Department of Veterinary Pathology, prescribes; and
   (b) pass examinations in each of the following subjects:
      (i) Pathological Anatomy and Histology.
      (ii) Haematology.
      (iii) Immunology and Serology.
      (iv) Microbiology.
      (v) Parasitology.

3. The examination for the Diploma in Veterinary Pathology shall be held in such manner as the Faculty may from time to time determine.

DIPLOMA IN VETERINARY RADIOLOGY

In accordance with Chapter XVI, section 11, the Senate has prescribed the following resolutions for the Diploma in Veterinary Radiology:

1. (1) An applicant for admission to candidature for the Diploma shall except as provided in subsection (2), be a graduate in the Faculty of Veterinary Science of the University of Sydney.
   (2) An applicant who, being a graduate of any other university or having obtained equivalent qualifications in an appropriate institution, has completed courses in Veterinary Science acceptable to the Faculty may be admitted as a candidate by the Academic Board on the recommendation of the Faculty.
2. A candidate shall—
   (a) for a period of not less than three consecutive terms follow as a full-time student such courses of studies as the Faculty, on the recommendation of the Head of the Department of Veterinary Clinical Studies, prescribes, and
   (b) pass examinations in each of the following subjects:
      (i) Radiographic Anatomy.
      (ii) Radiographic Interpretation.
      (iii) Principles of Radiography.
      (iv) Basic Circuitry.
      (v) Radiation Physics.
      (vi) Radiation Therapy.
3. The examinations for the Diploma in Veterinary Radiology shall be held in such manner as the Faculty may from time to time determine.

DIPLOMA IN VETERINARY ANAESTHESIA

In accordance with Chapter XVI, section 12, the Senate has prescribed the following resolutions for the Diploma in Veterinary Anaesthesia:

1. (1) An applicant for admission to candidature for the Diploma shall, except as provided in subsection (2), be a graduate in the Faculty of Veterinary Science of the University of Sydney.
   (2) An applicant who, being a graduate of any other university or having obtained equivalent qualifications in an appropriate institution, has completed courses in Veterinary Science acceptable to the Faculty may be admitted as a candidate by the Academic Board on the recommendation of the Faculty, provided that the applicant has qualifications registrable by the Board of Veterinary Surgeons of New South Wales.
2. A candidate shall—
   (a) for a period not less than twelve months follow as a full-time student such courses of studies as the Faculty, on the recommendation of the Head of the Department of Veterinary Clinical Studies, prescribes, and
   (b) pass examinations which shall be in two parts, namely Part 1 and Part 2.
   Part 1
   Written and practical examinations:
      (i) Anatomy, Physiology and Biochemistry considered in relation to anaesthesia and intensive care.
      (ii) Pharmacology of drugs used for and in association with anaesthesia and intensive care.
   Part 2
   Written, clinical and practical examinations:
      (i) The theory and practice of general anaesthesia.
      (ii) The theory and practice of regional analgesia.
      (iii) Pre-operative assessment, preparation and medication, and the recognition and management of post-operative complications in so far as they are related to anaesthesia and surgery.
      (iv) Fluid therapy and management of cases requiring intensive care.
3. The examination for the Diploma in Veterinary Anaesthesia shall be held in such manner as the Faculty may from time to time determine.

DIPLOMA IN AVIAN MEDICINE

In accordance with Chapter XVI, section 13, the Senate has prescribed the following resolutions for the Diploma in Avian Medicine:

1. (1) An applicant for admission to candidature for the Diploma shall, except as provided in subsection (2), be a graduate in the Faculty of Veterinary Science of the University of Sydney.
   (2) An applicant who, being a graduate of any other university or having obtained equivalent qualifications in an appropriate institution, has completed courses in Veterinary Science acceptable to the Faculty may be admitted as a candidate by the Academic Board on the recommendation of the Faculty.
2. A candidate shall—
   (a) for a period not less than twelve months follow as a full-time student such courses of studies as the Faculty, on the recommendation of the Head of the Department of Veterinary Clinical Studies, prescribes, and
   (b) pass examinations in each of the following subjects:
      (i) Statistics
      (ii) Epidemiology
      (iii) Diagnostic Techniques
      (iv) Preventive Medicine
      (v) Experimental Methods
3. The examination for the Diploma in Avian Medicine shall be held in such manner as the Faculty may from time to time determine.

DIPLOMA IN VETERINARY CLINICAL STUDIES

In accordance with Chapter XVI, Section 14, the Senate has prescribed the following resolutions for the Diploma in Veterinary Clinical Studies:

1. (1) An applicant for admission to candidature for the Diploma shall, except as provided in subsection (2), be a graduate in the Faculty of Veterinary Science of the University of Sydney.
   (2) An applicant who, being a graduate of any other university or having obtained equivalent qualifications in an appropriate institution, has completed courses in Veterinary Science acceptable to the Faculty may be admitted as a candidate by the Academic Board on the recommendation of the Faculty.
2. A candidate shall—
   (a) for a period of not less than twelve months follow as a full-time student such courses of studies as the Faculty, on the recommendation of the Head of the Department of Veterinary Clinical Studies, prescribes, and
   (b) pass examinations in each of the following subjects:
      (i) Veterinary Medicine
      (ii) Veterinary Surgery

(iii) Veterinary Anaesthesia
(iv) Veterinary Radiology
(v) Veterinary Clinical Pathology

3. The examination for the Diploma in Veterinary Clinical Studies shall be held in such manner as the Faculty may from time to time determine.

DIPLOMA IN WILDLIFE MEDICINE AND HUSBANDRY

In accordance with Section 15 of Chapter XVI of the By-laws, the Senate has prescribed the following resolutions for the Diploma in Wildlife Medicine and Husbandry:

1. An applicant for admission to candidature for the Diploma shall—
   (a) except as provided in Chapter XXVIA of the By-laws, be a graduate in the Faculty of Veterinary Science;
   (b) produce evidence that he has spent not less than eight weeks working in an institution which is concerned with the maintenance and care of wildlife and has been approved by the Faculty; and
   (c) apply in writing to the Registrar for such admission to candidature.

2. A candidate for the Diploma during a period of not less than twelve months shall—
   (a) complete satisfactorily and submit a report on an approved full-time programme of study of at least six months duration at an institution which is concerned with the maintenance and care of wildlife and has been approved by the Faculty;
   (b) present a report embodying the results of an original investigation carried out by him on a full-time basis over not less than six months in the University of Sydney or at an institution which is concerned with the maintenance and care of wildlife and has been approved by the Faculty; and
   (c) complete courses and pass examinations in the following subjects—
      Management of captive animals
      Management of free living wildlife
      Zoological Medicine
      Diseases of free living wildlife
      Nutrition and reproduction of wildlife.

3. The examination for the Diploma in Wildlife Medicine and Husbandry shall be held in such manner as the Faculty may from time to time determine.

4. The Faculty shall appoint a person who is a full-time member of the staff of the University to act as supervisor of the candidate.

DIPLOMA IN LABORATORY ANIMAL SCIENCE

In accordance with section 16 of Chapter XVI of the By-laws, the Senate has prescribed the following resolutions for the Diploma in Laboratory Animal Science:

1. An applicant for admission to candidature for the Diploma shall—
   (a) except as provided in Chapter XXVIA of the By-laws, be a graduate in the Faculty of Veterinary Science;
   (b) produce evidence of having spent not less than eight weeks of approved work in an institution which is concerned with the maintenance and care of laboratory animals and has been approved by the Faculty; and
   (c) apply in writing to the Registrar for such admission to candidature.

2. A candidate for the Diploma shall—
   (a) complete satisfactorily and submit a report on a programme of full-time study of at least twelve months' duration approved by the Faculty on the recommendation of the Heads of the Departments concerned within the Faculty;
   (b) present a report embodying the results of an original investigation carried out by the candidate over not less than six months in the University of Sydney or at an institution which is concerned with the maintenance and care of laboratory animals and has been approved by the Faculty for such investigation;
   (c) pass examinations in the following subject areas—
      Health and performance in laboratory animals,
      Diseases of laboratory animals,
      Laboratory animal house management and administration.

3. The examination for the Diploma in Laboratory Animal Science shall be held in such manner as the Faculty may from time to time determine.

4. The Faculty shall appoint a person who is a full-time member of the staff of the University to act as supervisor of the candidate.

RESOLUTIONS OF THE FACULTY

BOARD OF EXAMINERS

Pursuant to section 12 of Chapter VIII of the By-laws the Faculty appoints the following Board of Examiners:

(1) The Board of Examiners of the Faculty of Veterinary Science shall be constituted as follows:
   (a) the Professors, Readers, Associate Professors, Directors, Senior Lecturers and Lecturers being full-time permanent members of the teaching staff in the Departments of Veterinary Anatomy, Veterinary Clinical Studies, Veterinary Pathology, Veterinary Physiology and Animal Husbandry,
   (b) the Heads of the Departments of Biochemistry, Histology and Embryology, and Pharmacology together with one full-time permanent member of each of these Departments nominated biennially by the Head of the Department,
   (c) either the Heads of the Schools of Physics, Chemistry, and Biological Sciences or one full-time permanent member of the academic staff of each of these schools nominated biennially by the Head of the School,
   (d) the Dean of the Faculty of Agriculture,
   (e) the Director of the University Farms,
   (f) the Superintendents, Senior Clinical Pathologist and Senior Clinical Instructor, being full-time permanent members of the staff at the Veterinary Hospital and Clinic and at the Rural Veterinary Centre,
   (g) the Director of the University Animal Houses,
   (h) the Professor of Agronomy or a full-time permanent member of the academic staff of the Department of Agronomy and Horticultural Science nominated biennially by that Professor,
   (i) the Director of Biometric Services or a full-time permanent member of the academic staff in Biometry nominated biennially by that Director,

(j) not more than three persons distinguished in the field of Veterinary Science appointed by the Senate on the nomination of the Dean of the Faculty of Veterinary Science with the approval of the Faculty, and
(k) the short-term Senior Lecturers and the short-term Lecturers in the Departments of Veterinary Anatomy, Veterinary Clinical Studies, Veterinary Pathology, Veterinary Physiology and Animal Husbandry.

(2) A person appointed pursuant to subsection (1) (j) shall be appointed for a period of three years and shall be eligible for reappointment for one further period of three years.

BOARD OF POSTGRADUATE STUDIES

Pursuant to section 13 of Chapter VIII of the By-laws, the Faculty appoints a Board of Postgraduate Studies, the constitution of which will be as set out for the Board of Examiners.

DEFERRED EXAMINATIONS FOR FIFTH YEAR STUDENTS

Students who fail in the Final Examination at the end of Michaelmas term after the completion of the Fifth Year may be allowed to present themselves for re-examination during the Lent term following.

At the meeting of the Board of Examiners held following the Annual Examinations, a decision shall be made whether or not to permit such students to attempt the deferred examinations in February.

It is recommended as a guide for the Board of Examiners that the holding of deferred examinations in Lent term be confined to students who fail (x) in one or both of the subjects of Veterinary Medicine II and Veterinary Surgery II.

These students should not be permitted to sit for deferred examinations in both February and Lent term.

Deferred examinations in up to two of the following subjects may be sat in February: Animal Production, Veterinary Public Health, State Veterinary Medicine, Veterinary Clinical Pathology I.

If the student also has a deferred examination in Veterinary Medicine II or Veterinary Surgery II, then all examinations must be sat in Lent term.

Faculty of Agriculture

BY-LAWS CHAPTER XVII

1. The Faculty of Agriculture shall be constituted as follows:

(a) the Professors, Readers, Associate Professors, Directors, Senior Lecturers, Lecturers, Principal Tutors[1], Senior Tutors and Assistant Lecturers being full-time permanent or full-time temporary members of the teaching staff in the Departments of Agricultural Genetics and Biometry, Agricultural Chemistry, Agricultural Economics, Microbiology, Agronomy and Horticultural Science, Animal Husbandry, Soil Science and Plant Pathology and Agricultural Entomology,
(b) two members of the teaching staff in the categories specified in subsection (a) in each of the Schools of Biological Sciences, Chemistry and Physics and the Departments of Economic Statistics, Economics, Education, Government, Pure Mathematics, Veterinary Anatomy and Veterinary Physiology, nominated annually by the Head of the Department or School concerned,
(c) two members of the teaching staff of the Sydney Teachers' College nominated annually by the Principal of the College,
(d) the Deans of the Faculties of Science, Veterinary Science and Economics,
(e) the Director of the University Farms and the Director of the I. A. Watson Wheat Research Centre,
(f) not more than three persons distinguished in the field of agriculture appointed biennially by the Senate on the nomination of the Dean of the Faculty of Agriculture with the approval of the Faculty,
(g) not more than four students elected in the manner prescribed by resolution of the Senate.[2]

2. The degrees and diplomas in the Faculty of Agriculture shall be as follows:

(a) Bachelor of Science in Agriculture (B.Sc.Agr.),

[1] The Senate has approved an amendment of the by-laws to give effect to the discontinuation of the grade of Principal Tutor.
[2] See Senate Resolutions following Chapter VIII.

(b) Bachelor of Agricultural Economics (B.Agr.Ec.),
(c) Master of Agriculture (M.Agr.),
(d) Master of Science in Agriculture (M.Sc.Agr.),
(e) Master of Agricultural Economics (M.Agr.Ec.),
(f) Doctor of Philosophy (Ph.D.),
(g) Doctor of Science in Agriculture (D.Sc.Agr.),
(h) Diploma in Agricultural Chemistry (Dip.Agr.Chem.),
(i) Diploma in Agricultural Economics (Dip.Agr.Ec.),
(j) Diploma in Agricultural Entomology (Dip.Agr.Ent.),
(k) Diploma in Agricultural Extension (Dip.Agr.Ext.),
(l) Diploma in Agricultural Genetics (Dip.Agr.Gen.),
(m) Diploma in Microbiology (Dip.Micro.),
(n) Diploma in Agricultural Science (Dip.Agr.Sc.),
(o) Diploma in Animal Husbandry (Dip.An.Hus.),
(p) Diploma in Biometry (Dip.Biom.),
(q) Diploma in Dairy Husbandry (Dip.D.Hus.),
(r) Diploma in Horticultural Science (Dip.Hort.Sc.),
(s) Diploma in Plant Pathology (Dip.Pl.Path.),
(t) Diploma in Poultry Husbandry (Dip.P.Hus.),
(u) Diploma in Soil Science (Dip.SoilSc.),
(v) Diploma in Tropical Agronomy (Dip.Trop.Agron.)

BACHELOR OF SCIENCE IN AGRICULTURE
3. A candidate for the degree of Bachelor of Science in Agriculture shall, subsequent to matriculation, complete such requirements for the degree as may be prescribed by the Senate on the recommendation of the Academic Board and of the Faculty.[1]

BACHELOR OF AGRICULTURAL ECONOMICS
4. A candidate for the degree of Bachelor of Agricultural Economics shall, subsequent to matriculation, complete the requirements for the degree as may be prescribed by the Senate on the recommendation of the Academic Board and of the Faculty.[1]

MASTER OF SCIENCE IN AGRICULTURE
5. A candidate for the degree of Master of Science in Agriculture shall complete the requirements for the degree as prescribed by resolution of the Senate on the recommendation of the Academic board and of the Faculty.[1]

MASTER OF AGRICULTURAL ECONOMICS
6. A candidate for the degree of Master of Agricultural Economics shall complete the requirements for the degree as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

MASTER OF AGRICULTURE
7. A candidate for the degree of Master of Agriculture shall complete the requirements for the degree as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

[1] See Senate Resolutions this chapter.

DIPLOMAS
8. A candidate for a diploma shall complete the requirements for the diploma as prescribed by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

DOCTOR OF PHILOSOPHY
9. The degree of Doctor of Philosophy shall not be conferred except as prescribed in Chapter XIXD.

DOCTOR OF SCIENCE IN AGRICULTURE
10. The degree of Doctor of Science in Agriculture shall not be conferred except as prescribed in Chapter XIXB.

RESOLUTIONS OF THE SENATE

BACHELOR OF SCIENCE IN AGRICULTURE[2]
In accordance with section 3 of Chapter XVII of the By-laws, the Senate has prescribed the following resolutions for the degree of Bachelor of Science in Agriculture:
1. A candidate for the degree shall, during the First Year, complete the courses in one of the following courses:
Mathematics (Agriculture)
Agricultural Physics
Agriculture in the Economy
Biology
Chemistry
Crop Botany
2. A candidate for the degree shall, during the Second Year, complete the following groups:
Group A:
Agricultural Chemistry I
Animal Science
Biometry I
Crop Science
Soil Science I
Group C:
Agricultural Chemistry (Animal Husbandry)
Agronomy C I
Animal Anatomy
Animal Husbandry I
Animal Physiology
Biometry I
Soil Science I
3. A candidate for the degree shall, during the Third Year, complete the courses in one of the following groups:
Group A1:
Provided that the candidate has completed the courses in Group A in the Second Year—
Agricultural Chemistry IIA
Agricultural Economics I
Agricultural Entomology
Agricultural Extension
Agricultural Microbiology I
Genetics
Plant Pathology
together with courses chosen from the following list, such courses to have a total value of 5 units (as set out in Resolution 9)—
Agricultural Microbiology II
Agronomy (Pasture Plants)
Agronomy (Weed Science)
Farm Management
Horticulture

[1] See Senate Resolutions this chapter.
[2] Note that the former Group B courses are from 1981 provided for by the degree of Bachelor of Agricultural Economics.

Plant Pathology (Clinical)
Plant Protection
Soil Science II

Group A2:

Provided that the candidate has completed the courses in Group A in the Second Year—
Agricultural Economics I
Agricultural Entomology
Agricultural Extension
Agricultural Microbiology I
Agronomy (Land Use)
Biometry II
Genetics
Plant Pathology
together with courses chosen from the following list, such courses to have a total value of 5 units (as set out in Resolution 9)—
Agricultural Microbiology II
Agronomy (Pasture Plants)
Agronomy (Weed Science)
Farm Management
Horticulture
Plant Pathology (Clinical)
Plant Protection
Soil Science II
Computing Techniques in Agriculture

Group A3:

Provided that the candidate has completed the courses in Group A in the Second Year—
Agricultural Chemistry II
Agricultural Entomology
Agricultural Microbiology I
Genetics
Plant Pathology
together with courses chosen from the following list, such courses to have a total value of 3 units (as set out in Resolution 9)—
Agricultural Extension
Agricultural Microbiology II
Agronomy (Pasture Plants)
Agronomy (Weed Science)
Horticulture
Plant Pathology (Clinical)
Plant Protection
Soil Science II

Group C:

Provided that the candidate has completed the courses in Group C in the Second Year—
Agricultural Economics I
Agricultural Entomology
Agricultural Extension I
Agricultural Microbiology I
Agronomy C II
Animal Husbandry II
Biometry II
Farm Management
Genetics

4. (1) Notwithstanding the provisions of Resolutions 1, 2 and 3, a candidate who has completed a course prescribed in one of those Resolutions may be granted exemption by the Faculty from taking the course of instruction and examination in such course again.

(2) A candidate who has not completed all courses in the First or the Second Year may be permitted by the Faculty to take one or more courses from the next year, provided that the total unit load should not normally exceed 24 units.

(3) A candidate in the Third Year may be granted permission by the Faculty to take one or more of the Fourth Year courses authorised by Faculty Resolution, provided that the candidate's complete Fourth Year course of study is approved by the Head of Department or Section who will supervise the candidate's work in the Fourth Year.

(4) A candidate who has not completed all courses in the Third Year may, in circumstances approved by the Faculty, be granted permission to enrol in the Fourth Year together with the remaining course or courses of the Third Year.

(5) A candidate who has completed all courses but one in his First, Second or Third Year examinations may be awarded a concessional pass by the Faculty in the failed course and allowed to proceed to the next higher year. The award of a concessional pass will be subject to Faculty Resolution and granted only in cases where the student has attained a standard of performance satisfactory to the Faculty.

5. (1) Except as provided in subsection (3) a candidate for the degree shall, during the Fourth Year, complete the prescribed courses in one of the following subjects:

I	Agricultural Chemistry
II	Agricultural Economics
III	Agricultural Education
IV	Agricultural Entomology
V	Agricultural Extension
VI	Agricultural Genetics
VII	Agricultural Microbiology
VIII	Agronomy
IX	Animal Husbandry
X	Biometry
XI	General Agriculture
XII	Horticulture
XIII	Plant Pathology
XIV	Soil Science

(2) Except as provided in subsection (3)—

(a) a candidate who has completed the courses in Group A1 in the Third Year shall take one of the subjects numbered I to VIII or XI to XIV;

(b) a candidate who has completed the courses in Group A2 in the Third Year shall take one of the subjects numbered II or III or V or VII or VIII or X to XIV;

(c) a candidate who has completed the courses in Group A3 in the Third Year shall take one of the subjects numbered I or III or IV or VI to VIII or XI to XIV;

(d) a candidate who has completed the courses in Group C in the Third Year shall take one of the subjects numbered II or III or V or VI or IX to XI.

(3) A candidate may, with the approval of the Dean, take a composite course from the subjects specified in subsection (1).

6. Honours may be awarded at graduation. Except with the special permission of the Faculty, Honours shall not be awarded to any candidate unless he has completed his course in the minimum time possible under these resolutions. Candidates for Honours may be required to present themselves for a special examination at the Annual Examinations.

There shall be two classes of Honours.

There shall be no re-examination for Honours.

The candidate who shall have most distinguished himself at graduation for the degree shall, if he has obtained first-class honours and shows sufficient merit, receive a bronze medal.

7. (1) A candidate shall not be admitted to the degree unless he shall produce a certificate from the Dean of the Faculty that he is of twelve terms standing and that he has completed all the courses

required by these Resolutions and has satisfactorily complied with all the other conditions required of him since his admission to the University.

(2) The degree of Bachelor of Science in Agriculture shall not be conferred upon a person holding the degree of Bachelor of Agriculture.

8. Before admission to the degree, a candidate shall complete eighteen weeks of practical work in Agriculture as prescribed from time to time by the Faculty.

9. The unit values of the courses listed in Resolutions 1, 2 and 3 are set out in the following table:

	Unit value
Agricultural Chemistry I	8
Agricultural Chemistry II	9
Agricultural Chemistry IIA	3
Agricultural Chemistry (Animal Husbandry)	6
Agricultural Economics I	3
Agricultural Entomology	3
Agricultural Extension	1
Agricultural Microbiology I	3
Agricultural Microbiology II	2
Agricultural Physics	6
Agriculture in the Economy	1
Agronomy B	3
Agronomy C I	1
Agronomy C II	2
Agronomy (Land Use)	1
Agronomy (Pasture Plants)	1
Agronomy (Weed Science)	1
Animal Anatomy	3
Animal Husbandry I	2
Animal Husbandry II	5
Animal Nutrition	3
Animal Physiology	6
Animal Reproduction	3
Animal Science	3
Biology	6
Biometry I	3
Biometry II	2
Chemistry	6
Computing Techniques in Agriculture	2
Crop Botany	3
Crop Science	7
Farm Management	2
Genetics	3
Horticulture	1
Mathematics (Agriculture)	2
Plant Pathology	3
Plant Pathology (Clinical)	1
Plant Protection	1
Soil Science I	3
Soil Science II	3

10. A candidate who presents himself for re-examination in any subject shall not be eligible for any prize or scholarship awarded in connection with such examination.

11. (1) A course for the degree shall consist of lectures together with such tutorial instruction, theses, essays, exercises or practical work as may be prescribed.

(2) In these resolutions 'to complete a course' and derivative expressions mean:

(a) to attend the lectures and the meetings, if any, for tutorial instruction;

(b) to complete satisfactorily the essays, exercises and practical work, if any; and

(c) to pass any required examinations of the course.

(3) A candidate who re-enrols in a course which he has previously failed to complete shall, unless exempted by the Faculty, attend all lectures and other classes and complete all written and other work prescribed for the course.

(4) A candidate in the Third Year who has enrolled in the courses in Groups A1, A2 or A3 may choose any of the elective courses in the Group for which there is no prerequisite course or for which the prerequisite has been completed, provided that the exigencies of the timetable permit the taking of the courses chosen by the candidate.

12. A candidate for the degree of Bachelor of Science in Agriculture who commenced candidature before 1 January 1981 may complete candidature in accordance with the By-laws in force at the commencement of such candidature provided that the requirements are completed by 31 December 1986 or such later date as the Dean may in any case determine.

BACHELOR OF AGRICULTURAL ECONOMICS

In accordance with section 4 of Chapter XVII of the By-laws, the Senate has prescribed the following resolutions for the degree of Bachelor of Agricultural Economics:

1. A candidate for the degree shall, during the First Year, complete the following courses:

Mathematics (Agriculture)
The Australian Economy
Agriculture in the Economy
Biology
Economics I
Crop Botany

2. A candidate for the degree shall, during the Second Year, complete the following courses:

Agricultural Economics I
Agronomy B
Animal Science
Economics II
Economic Statistics

3. A candidate for the degree shall, during the Third Year, complete the following courses:

Agricultural Economics II
Agricultural Extension
Economics III and
either Government I or Econometrics II

4. (1) Notwithstanding the provisions of Resolutions 1, 2 and 3, a candidate who has completed a course prescribed in one of those Resolutions may be granted exemption by the Faculty from taking the course of instruction and examination in such course again.

(2) A candidate who has not completed all courses in the First or the Second Year may be permitted by the Faculty to take one or more courses from the next year, provided that the total unit load should not normally exceed 24 units.

(3) A candidate in the Third Year may be granted permission by the Faculty to take one or more of the Fourth Year courses authorised by Faculty Resolution, provided that the candidate's complete Fourth Year course of study is approved by the Head of the Department of Agricultural Economics, who will supervise the candidate's work in the Fourth Year.

(4) A candidate who has not completed all courses in the Third Year may, in circumstances approved by the Faculty, be granted permission to enrol in the Fourth Year together with the remaining course or courses of the Third Year.

(5) A candidate who has completed all courses but one in his First, Second or Third Year examin-

ations may be awarded a concessional pass by the Faculty in the failed course and allowed to proceed to the next higher year. The award of a concessional pass will be subject to Faculty Resolution and granted only in cases where the student has attained a standard of performance satisfactory to the Faculty.

5. A candidate for the degree shall, during the Fourth Year, complete the prescribed courses in the subject Agricultural Economics.

6. Honours may be awarded at graduation.

(1) Except with the special permission of the Faculty, Honours shall not be awarded to any candidate unless he has completed his course in the minimum time possible under these resolutions.

(2) Candidates for Honours may be required to present themselves for a special examination at the Annual Examinations.

(3) There shall be two classes of Honours.

(4) There shall be no re-examination for Honours.

(5) The candidate who shall have most distinguished himself at graduation for the degree shall, if he has obtained first-class honours and shows sufficient merit, receive a bronze medal.

7. A candidate shall not be admitted to the degree unless he shall produce a certificate from the Dean of the Faculty that he is of twelve terms' standing and that he has completed all the courses required by these Resolutions and has satisfactorily complied with all the other conditions required of him since his admission to the University.

8. Before admission to the degree, a candidate shall complete eighteen weeks of practical work in Agriculture as prescribed from time to time by the Faculty.

9. The unit values of the courses listed in Resolutions 1, 2 and 3 are set out in the following table:

	Unit value
Agricultural Economics I	3
Agricultural Economics II	8
Agricultural Extension	1
Agriculture in the Economy	1
Agronomy B	3
Animal Science	3
Biology	6
Crop Botany	3
Economics I	6
Economics II	8
Economics III	8
Economic Statistics	6
Econometrics II	8
Government I	6
Mathematics (Agriculture)	2
The Australian Economy	6

10. A candidate who presents himself for re-examination in any subject shall not be eligible for any prize or scholarship awarded in connection with such examination.

11. (1) A course for the degree shall consist of lectures together with such tutorial instruction, theses, essays, exercises or practical work as may be prescribed.

(2) In these resolutions 'to complete a course' and derivative expressions mean:

(a) to attend the lectures and the meetings, if any, for tutorial instruction;

(b) to complete satisfactorily the essays, exercises and practical work, if any; and

(c) to pass any required examinations of the course.

(3) A candidate who re-enrols in a course which he has previously failed to complete shall, unless exempted by the Faculty, attend all lectures and other classes and complete all written and other work prescribed for the course.

12. Notwithstanding any other provisions of the By-laws or Resolutions of the Senate, a person who commenced candidature for the degree of Bachelor of Science in Agriculture prior to 1 January 1981 and who has not completed the requirements for that degree by that date may be admitted to candidature for the degree of Bachelor of Agricultural Economics with such credit for courses previously completed as the Faculty may determine and shall complete such courses for the degree of Bachelor of Agricultural Economics as the Faculty may require.

MASTER OF SCIENCE IN AGRICULTURE

In accordance with Chapter XVII, section 5, the Senate has prescribed the following resolutions for the degree of Master of Science in Agriculture:

1. (1) An applicant for admission as a candidate for the degree of Master of Science in Agriculture shall, except as provided in Chapter XXVIA of these By-laws, be a graduate of the University of Sydney.

(2) A graduate in a Faculty other than the Faculty of Agriculture may be admitted only with the special permission of the Faculty.

2. (1) After admission by the Faculty a candidate shall—

(a) subject to the provisions of subsection (2), pass a preliminary examination;

(b) apply for the approval of the Faculty of a course of study and research;

(c) not less than one year after passing the preliminary examination nor less than one year after approval of a course of study and research, lodge a thesis embodying the results of an original investigation by him; and

(d) if required by the examiners, sit for an examination in the branch or branches of Agriculture to which the course of study and research relates.

(2) (a) A candidate will not be admitted to the preliminary examination until he is a graduate of one year's standing. Except with the permission of the Faculty, a candidate shall present himself for a preliminary examination not later than three years after admission to candidature.

(b) A candidate who is a Bachelor in a Faculty other than the Faculty of Agriculture may be exempted by the Faculty from the preliminary examination.

(c) A candidate who is a Bachelor of Science in Agriculture with First or Second Class Honours or who is a Bachelor of Science in Agriculture and has obtained High Distinction, Distinction or Credit in the Fourth Year course in the field in which he is proceeding, may be exempted by the Faculty from the preliminary examinatio-

3. A graduate of another University, admitted to candidature in accordance with Chapter XXVIA of these By-laws, shall engage within the University of Sydney either full-time for at least one year or part-time for at least two years in research work as may be required by the Faculty on the recommendation of the Head of the appropriate Department. Further, the

Faculty may permit such candidate to complete the investigation elsewhere, if he has spent one year in the University of Sydney.

4. (1) The Faculty shall appoint a member of the staff of the University to act as adviser to the candidate, or in the case of a full-time candidate, a supervisor.

(2) The Faculty may also appoint a member of staff or an honorary associate to act as associate supervisor or associate adviser as the case may be.

5. (1) A candidate shall lodge with the Registrar three copies (printed or typewritten) of his thesis. He shall state in his thesis generally in a preface and specifically in notes, the sources from which his information was derived, the extent to which he has availed himself of the work of others, and the portion of the thesis which he claims as original.

(2) The thesis shall be accompanied by a certificate from the adviser or supervisor stating whether, in his opinion, the form of presentation of the thesis is satisfactory.

6. The Faculty shall appoint at least two examiners.

7. The degree is not conferred in the case of a Bachelor of Science in Agriculture who has been exempted from the preliminary examination until the candidate is a graduate of one year's standing, and in the case of a Bachelor of Agriculture, until he is a graduate of three years' standing, and in the case of any other candidate, until he is a graduate of two years' standing.

8. The Faculty may deem time spent or work done towards the degree of Doctor of Philosophy by a candidate before his admission to candidature to be time spent or work done after admission, provided the candidate has ceased to be a candidate for the degree of Doctor of Philosophy.

9. (1) A candidate may be accepted on a probationary basis for a period not exceeding twelve months and, on completion of this probationary period, the Faculty shall review the candidate's work and shall either confirm the candidate's status or terminate his candidature.

(2) In the case of a candidate accepted on a probationary period under subsection (1) his candidature shall be deemed to have commenced from the date of such acceptance.

MASTER OF AGRICULTURAL ECONOMICS

In accordance with section 6 of Chapter XVII of the By-laws, the Senate has prescribed the following resolutions for the degree of Master of Agricultural Economics:

1. (1) An applicant for admission as a candidate for the degree of Master of Agricultural Economics shall, except as provided in Chapter XXVIA of these By-laws, be a graduate of the University of Sydney.

(2) A graduate in a Faculty other than the Faculty of Agriculture may be admitted only with the special permission of the Faculty.

2. (1) After admission by the Faculty a candidate shall—

(a) subject to the provisions of subsection (2), pass a preliminary examination;

(b) apply for the approval of the Faculty of a course of study and research;

(c) not less than one year after passing the preliminary examination nor less than one year after approval of a course of study and research, lodge a thesis embodying the results of an original investigation by him; and

(d) if required by the examiners, sit for an examination in the branch or branches of Agriculture to which the course of study and research relates.

(2) (a) A candidate will not be admitted to the preliminary examination until he is a graduate of one year's standing. Except with the permission of the Faculty, a candidate shall present himself for a preliminary examination not later than three years after admission to candidature.

(b) A candidate who is a Bachelor in a Faculty other than the Faculty of Agriculture may be exempted by the Faculty from the preliminary examination.

(c) A candidate who is a Bachelor of Agricultural Economics or Bachelor of Science in Agriculture with First or Second Class Honours or who is a Bachelor of Agricultural Economics or Bachelor of Science in Agriculture and has obtained High Distinction, Distinction or Credit in the Fourth Year course in the field in which he is proceeding, may be exempted by the Faculty from the preliminary examination.

3. A graduate of another university, admitted to candidature in accordance with Chapter XXVIA of these By-laws, shall engage within the University of Sydney either full time for at least one year or part time for at least two years in such research work as may be required by the Faculty on the recommendation of the Head of the appropriate Department. Further, the Faculty may permit such a candidate to complete the investigation elsewhere, if the candidate has spent one year in the University of Sydney.

4. (1) The Faculty shall appoint a member of the staff of the University to act as adviser to the candidate, or in the case of a full-time candidate, a supervisor.

(2) The Faculty may also appoint a member of staff or an honorary associate to act as associate supervisor or associate adviser as the case may be.

5. (1) A candidate shall lodge with the Registrar three copies (printed or typewritten) of the thesis. The candidate shall state in the thesis generally in a preface and specifically in notes, the sources from which the information was derived, the extent to which the candidate has made use of the work of others, and the portion of the thesis which is claimed as original.

(2) The thesis shall be accompanied by a certificate from the adviser or supervisor stating whether, in the opinion of the adviser or supervisor, the form of presentation of the thesis is satisfactory.

6. The Faculty shall appoint at least two examiners.

7. The degree is not conferred in the case of a Bachelor of Science in Agriculture or Bachelor of Agricultural Economics who has been exempted from the preliminary examination until the candidate is a graduate of one year's standing, and in the case of a Bachelor of Agriculture, until a graduate of three years' standing, and in the case of any other candidate, until a graduate of two years' standing.

8. The Faculty may deem time spent or work done towards the degree of Doctor of Philosophy by a candidate before admission to candidature for the degree to be time spent or work done after such admission, provided the candidate has ceased to be a candidate for the degree of Doctor of Philosophy.

9. (1) A candidate may be accepted on a probationary basis for a period of not exceeding twelve months and, on completion of this probationary period, the Faculty shall review the candidate's work and shall either confirm the candidate's status or terminate the candidature.
(2) In the case of a candidate accepted on a probationary period under subsection (1) the candidature shall be deemed to have commenced from the date of such acceptance.

MASTER OF AGRICULTURE

In accordance with Chapter XVII, section 7, the Senate has prescribed the following resolutions for the degree of Master of Agriculture:

1. An applicant for admission as a candidate for the degree of Master of Agriculture shall—
   (a) except as provided in Chapter XXVIA of the By-laws, be a graduate of the University of Sydney;
   (b) have completed courses acceptable to the Faculty; and
   (c) apply in writing to the Registrar for admission to candidature.
2. (1) An applicant may be admitted to candidature on a probationary basis for a period not exceeding twelve months and at the end of the probationary period the Faculty shall review the work of the candidate and shall either confirm his status or terminate his candidature.
(2) A candidate whose status is confirmed in accordance with subsection (1) shall be deemed to have commenced his candidature from the date of his admission on a probationary basis.
3. (1) A candidate shall engage full-time within the University of Sydney for at least three consecutive terms in a course of advanced study in some branch of agricultural science approved by the Head of the Department concerned.
(2) A candidate shall—
   (a) attend such lectures and seminars and other meetings as may be prescribed by the Head of the Department concerned;
   (b) pass an examination or examinations upon the subjects of such course of advanced study;
   (c) carry out a project in a field of study approved by the Head of the Department concerned and submit to the Registrar three copies (printed or typewritten) of his thesis based on that project.
(3) A candidate shall not present as his thesis any work previously submitted for a degree at this or any other University.
(4) A candidate who has spent at least one year in the University of Sydney may be permitted by the Faculty to carry out elsewhere all or part of the project referred to in subsection (2) (c).
4. The Head of the Department shall report to the Faculty in respect of each candidate the thesis subject approved and the name of the full-time member of the University staff he has appointed to act as supervisor of the candidate.
5. The Faculty shall appoint at least two examiners of the thesis, of whom one may be an external examiner. The examiners shall report to the Faculty, which shall determine the result of the examination for the degree.
6. The Faculty may deem time spent or work towards any other postgraduate degree or diploma in the Faculty by the candidate before his admission to candidature for the degree of Master of Agriculture to be time spent or work done after admission, provided the candidate has ceased to be a candidate for the other degree or diploma.

DIPLOMAS

In accordance with Chapter XVII, section 8, the Senate has prescribed the following resolutions for diplomas:

1. (1) Before beginning a course of study for a Diploma a candidate shall either—
   (a) (i) except as provided in subsection (2) be a graduate of the University of Sydney; and
   (ii) have completed courses acceptable to the Faculty of Agriculture, or
   (b) (i) be a graduate of a University other than the University of Sydney, or
   (ii) be a person with qualifications obtained in an institution other than a university; and
   (iii) be deemed by the faculty and the Academic Board to have qualifications equivalent to those required of a graduate of the University of Sydney for admission to such candidature.
(2) A graduate of another university who has completed courses acceptable to the Faculty may be admitted as a candidate by the Academic Board on the recommendation of the Faculty.
2. (1) A candidate may be accepted by the Faculty on a probationary basis for a period not exceeding three terms and upon completion of this probationary period, the Faculty shall review the candidate's work and shall either confirm the candidate's status or terminate his candidature. Following confirmation of his candidature the candidate shall complete at least one term of full-time study within the University.
(2) In the case of a candidate accepted on a probationary period under subsection (1) his candidature shall be deemed to have commenced from the date of such acceptance.
3. A candidate shall—
   (a) for a period of not less than three consecutive terms follow as a full-time student such course of studies as the Head of the Department concerned prescribes provided that the Faculty may, on the recommendation of the Head of the Department concerned, permit a candidate to proceed as a part-time student for a period of not less than six consecutive terms;
   (b) pass an examination or examinations upon the subject of such course of studies;
   (c) within such period after such examination as the Faculty prescribes, submit two copies (printed or typewritten) of a thesis on a topic approved by the Head of the Department.
4. The Head of Department shall—
   (a) appoint at least one examiner of the thesis and shall notify the Faculty of the topic of the thesis and the name of the examiner or examiners;
   (b) report the results of the examination or examinations in the course of study and of the examination of the thesis to the Faculty, which shall determine the result of the examination for the diploma.
5. The Faculty may deem time spent or work towards any postgraduate degree in the Faculty by the candidate before his admission to candidature for a Diploma, to be time spent or work done after admission,

provided that the candidate has ceased to be a candidate for the degree.

6. The Faculty may, on the recommendation of the Head of Department concerned, terminate the candidature of any candidate who, in the opinion of the Faculty, has not shown evidence of sufficient progress towards the Diploma.

RESOLUTIONS OF THE FACULTY

BACHELOR OF SCIENCE IN AGRICULTURE

Pass by courses

Having passed a course in any year students will not be required to repeat that course. Courses failed must be repeated. The student will be permitted to progress to courses in the next higher year, provided he has completed the prerequisites for the courses he wishes to take in addition to those courses he is repeating.

Except as provided in section 4 (3) of the Resolutions of the Senate, all Third Year courses must be completed before a student is permitted to enrol in Fourth Year.

Students taking any course in the Faculty shall attend all lectures, practical classes, tutorials, seminars, and excursions as specified for that course. A timetable clash between courses cannot be considered as a reason for non-attendance.

SUPPLEMENTARY EXAMINATIONS

Supplementary examinations may be granted to students who have:

(a) been prevented by duly certified illness or misadventure from sitting or completing an examination; or

(b) failed in any examination, but whose work is deemed to be of sufficient merit to warrant a further test.

Award of supplementary examinations

Where a candidate fails to secure 50% in one or more courses the Faculty shall reserve the right to award supplementary examinations.

(a) Normally such awards shall be subject to the following restrictions;

(i) No candidate shall be awarded a supplementary examination in any course in which less than 40% was secured;

(ii) Supplementary examinations shall only be awarded to a candidate who has passed 50% or more of the units attempted at the annual examinations;

(iii) A candidate attempting a course for the second time at the annual examinations, who fails to pass in that course, shall not be eligible for the award of supplementary examinations.
(For students coming within this rule who have achieved a Weighted Average Mark (WAM) greater than 50 or who have failed in only one course, each case will be considered on its merits.)

(b) In cases of misadventure or duly certified illness the Board of Examiners shall determine each case individually on its merits.

A candidate awarded supplementary examinations under this rule will normally be permitted to count the supplementary examinations as annual examinations and they will be entered as annual examinations on the academic record.

Concessional passes

The Faculty reserves the right to award a concessional pass to candidates at the December examinations.

A candidate awarded a concessional pass at the December Board of Examiners' Meeting may attempt to upgrade the result to a pass at the supplementary examinations, but a concessional pass is deemed to fulfil any requirements necessary for the student to continue in the degree course unhindered.

Award of concessional passes

The following conditions shall normally guide the Board of Examiners in the award of a concessional Pass:

(a) A candidate's performance in all other courses attempted shall be considered by the Board of Examiners.

(b) To be eligible for a concessional pass a candidate shall have

(i) obtained a weighted average mark of at least 52% at the first attempt at First Year courses, and in subsequent examinations a weighted average mark of at least 55%;

(ii) been examined in at least 18 units of coursework;

(iii) only one course which has a contributing mark between 49% and 45% (inclusive);

(iv) no course with a mark of less than 45%.

(c) Students taking the Fourth Year examination shall not be eligible for the award of a concessional pass.

(d) A candidate will not be awarded both the right to sit a supplementary examination in one subject and a concessional pass in another subject concurrently.

(e) A candidate who is attempting a course for the second time at the annual examinations shall not be eligible for the award of a concessional pass in that course.

Having awarded a concessional pass to a candidate, the Faculty shall not alter the mark awarded to the candidate by a Department. This mark shall be entered in the Candidate's record and recorded as a concessional pass on the academic record.

Conduct of examinations

(1) The examiners in the subjects of the Faculty shall constitute a Board of Examiners, as a committee of the Faculty.

(2) The Board of Examiners shall decide whether a student who has failed in one or more subjects shall be entitled to a supplementary examination in those subjects.

Practical work

Pursuant to Resolution 8 of the Resolutions of the Senate relating to the degree of Bachelor of Science in Agriculture and Resolution 8 of the Resolutions of the Senate relating to the degree of Bachelor of Agricultural Economics, the Faculty of Agriculture has prescribed the following regulations relating to practical work:

1. Before admission to the degree, a candidate must complete eighteen weeks of practical work in accordance with these regulations.

2. The 18 weeks shall be divided into two sections: Section 1 (twelve weeks) to consist of on-farm practical work carried out on commercial properties, and Section 2 (6 weeks) to consist of general assignment.

3. Section 1 shall be divided between a series of visits to commercial properties. These visits shall
   (i) be to properties in at least two regions as defined by the Faculty from time to time,
   (ii) include at least two separate properties, at least one of which shall be visited twice in different seasons, these two visits to total at least three weeks,
   (iii) last a maximum of three weeks each, and
   (iv) total not more than six weeks for any one property.

4. Section 2 shall consist of general assignment which may include professionally oriented work, work in research establishments, on University Farms, in other commercial operations, or in other areas of agriculture production, processing, or sales, as approved by the Dean.

5. Each practical work visit must be approved by the Dean *in advance*.

6. A report must be submitted to the Dean for each period of practical work undertaken. At least one of these must be a detailed report. There is no guarantee of acceptance of a report if prior approval under (5) has not been obtained.

7. Students normally should complete four weeks of Section 1 by the beginning of Second Year, eight by the beginning of Third Year and twelve by the beginning of Fourth Year. Except with the permission of the Dean, Section 2 may not be commenced until Section 1 has been completed.

8. Final year students wishing to graduate in March must complete all practical work requirements by 31 January.

Fourth Year courses available to Third Year students in the degree of Bachelor of Science in Agriculture

A candidate in Third Year may attend one or more of the following courses in fulfilment of section 4 (3) of the Resolutions of the Senate:

Agricultural Economics (Production Economics and Farm Management)
Agricultural Economics (Agricultural Policy)
Agricultural Entomology (Morphology and Taxonomy)
Agricultural Entomology (Toxicology)
Agricultural Genetics (Cytology and Cytogenetics)
Agricultural Genetics (Plant Breeding)
Agronomy (Pasture Plants)
Agronomy (Crop Physiology)
Agronomy (Crop Agronomy)
Agronomy (Pasture Agronomy)
Agronomy (Seed Production)
Agronomy (Tropical Crops)
Agronomy (Tropical Pastures)
Agronomy (Tropical Agricultural Systems)
Agronomy (Weed Science)
Agronomy (Agronomic Experimentation)
Agronomy (Crop Nutrition)
Agronomy (Tropical Crops)
Agronomy (Tropical Pastures)
Agronomy (Tropical Agricultural Systems)
Agronomy (Advanced Land Use)
Biometry (Computing Techniques)
Horticultural Physiology
Animal Husbandry (Animal Genetics)
Biometry (Matrix Algebra)
Biometry (Biometrical Genetics)
Biometry (Advanced Biometrical Methods)
Biometry (Experimental Design)
Biometry (Multivariate Analysis)
Extension and Communication
General Agriculture (Animal Production)
General Agriculture (Plant Protection)
Soil Science (Physics)
Soil Science (Chemistry)
Soil Science (Methods)
Soil Science (Physics of the Root Environment)
Soil Science (Chemistry of the Root Environment)

Any course in another Faculty recommended by the Head of the Department or section, who will supervise the candidate's Fourth Year work, and approved by the Dean.

Fourth Year course available to Third Year students in the degree of Bachelor of Agricultural Economics

A candidate in Third Year may attend any course recommended by the Head of the Department of Agricultural Economics, and approved by the Dean, in fulfilment of Resolution 4 (3) of the Resolutions of the Senate.

MASTER OF SCIENCE IN AGRICULTURE

1. A candidate for the degree of Master of Science in Agriculture who holds the degree of Bachelor of Agriculture shall be required normally to attend the Fourth Year course of the degree of Bachelor of Science in Agriculture and to pass the examination.

2. A candidate who holds the degree of Bachelor of Science in Agriculture and who obtained High Distinction, Distinction or Credit in the Fourth Year subject in the field in which he or she is proceeding, may be exempted by the Faculty from the preliminary examination.

3. A candidate who completed the Fourth Year subject at the pass standard shall be required, not less than one year later, to pass the preliminary examination.
   (a) Except with the permission of the Faculty such a candidate for the degree of Master of Science in Agriculture may not present himself or herself for a preliminary examination more than twice.
   (b) The Faculty may grant exemption from attendance at all or part of the course for such a candidate.
   (c) The Faculty may permit such a candidate to fulfil the course requirements at another university but the preliminary examination of the University of Sydney must be taken.

4. A candidate shall at the end of each year of prescribed work produce evidence of progress to the satisfaction of his or her supervisor/adviser and the Head of the Department concerned. A candidate who fails to produce such evidence may have his or her registration as a candidate for the degree cancelled by the Faculty on the recommendation of the Head of the Department concerned.

MASTER OF AGRICULTURAL ECONOMICS

1. A candidate for the degree of Master of Agricultural Economics, who obtains High Distinction, Distinction or Credit in the Fourth Year subject Agricultural Economics, may be exempted by the Faculty from the preliminary examination.

2. A candidate who completes the Fourth Year subject at the pass standard shall be required, not less than one year later, to pass the preliminary examination.
   (a) Except with the permission of the Faculty such a candidate for the degree of Master of Agricultural Economics may not present him or herself for a preliminary examination more than twice.

(b) The Faculty may grant exemption from attendance at all or part of the course for such a candidate.
(c) The Faculty may permit such a candidate to fulfil the course requirements at another university but the preliminary examination of the University of Sydney must be taken.

3. A candidate shall at the end of each year of prescribed work produce evidence of progress to the satisfaction of his or her supervisor/adviser and the Head of the Department of Agricultural Economics. A candidate who fails to produce such evidence may have his or her registration as a candidate for the degree cancelled by the Faculty on the recommendation of the Head of the Department of Agricultural Economics.

BOARD OF EXAMINERS

Pursuant to section 12 of Chapter VIII of the By-laws, the Faculty of Agriculture has resolved to appoint the following Board of Examiners:
All full-time permanent or full-time temporary members of the teaching staff of the Faculty together with the Professors of all or any subjects taught in the University for which a student of the Faculty of Agriculture is a candidate, or their nominees who are full-time members of the teaching staff.

BOARD OF POSTGRADUATE STUDIES

Pursuant to section 13 of Chapter VIII of the By-laws the Faculty appoints the following Board of Postgraduate Studies:
All members of the Faculty of Agriculture, except the elected student members.

PLANT BREEDING INSTITUTE WITHIN THE FACULTY OF AGRICULTURE

1. (1) There shall be an institute to be known as the Plant Breeding Institute within the Faculty of Agriculture.
(2) The Institute shall advise the university on the promotion of the science of plant breeding and improvement in the genotypes of crop plants available for commercial cultivation.

2. (1) The governing body of the Institute shall be a Council comprising—
(a) the Vice-Chancellor and Principal, the Dean of the Faculty of Agriculture and the Professor of Plant Breeding;
(b) the New South Wales Minister for Agriculture or his representative;
(c) not more than six members of the New South Wales Wheat Research Foundation, so long as each member is and remains a Trustee of the Foundation appointed by the Senate on the recommendation of the Foundation;
(d) not more than four members of the full-time staff of the University appointed by the Senate on the recommendation of the Faculty of Agriculture.
(2) Each member shall hold office for a period of three years and shall be eligible for reappointment.

3. (1) The Council shall elect annually from amongst its members an honorary Chairman.
(2) All questions which come before the Council shall be decided at any meeting duly convened, at which a quorum is present, by a majority of the votes of the members present.
(3) The Chairman at any such meeting shall have one vote.
(4) At any such meeting eight members shall form a quorum.

4. (1) The Professor of Plant Breeding shall be honorary Director of the Institute.
(2) The Director shall be responsible for administering the following—
(a) the buildings, equipment, land and staff located at the I. A. Watson Wheat Research Centre, Narrabri;
(b) that part of the buildings, equipment, land and staff located at the Castle Hill Research Station, Castle Hill;
(c) the Genetics Section of the Department of Agricultural Genetics and Biometry within the University of Sydney.
(3) The staff of the Institute shall carry out their duties under the direction of the Director.

5. The Director shall report to the Council biannually including in the second such report in each year an annual budget for the next ensuing year.

6. (1) The Council and its officers shall have such other powers, duties and functions as may be prescribed by resolution of the Senate provided that all acts of the Council and its officers shall be subject to the by-laws and to any direction which may be given by the Senate.
(2) The Senate shall provide such administrative, technical and secretarial assistance as it considers proper for the Institute.

Faculty of Economics

BY-LAWS CHAPTER XVIII

1. (1) The Faculty of Economics shall be constituted as follows:

(a) the Professors, Readers, Associate Professors, Senior Lecturers, Lecturers, Principal Tutors[1], Senior Tutors and Assistant Lecturers in the Departments of Accounting, Economic History, Econometrics, Economics, Government and Public Administration and Industrial Relations who are full-time permanent or full-time temporary members of the teaching staff of the University,

(b) the Dean of the Faculty of Arts or his representative,

(c) the Dean of the Faculty of Law or his representative,

(d) three members of the teaching staff in the categories specified in subsection (1) (a) of each of the Departments of Anthropology and Geography,

(e) two members of the teaching staff in the categories specified in subsection (1) (a) in each of the Department of Agricultural Economics and the School of Physics in the field of Computer Science,

(f) not more than two members of the Faculty of Arts appointed by that Faculty,

(g) not more than three persons being full-time Tutors or Teaching Fellows elected in the manner prescribed by resolution of the Senate,[2] and

(h) not more than five students elected in the manner prescribed by resolution of the Senate.[3]

(2) The persons who immediately before 31st October, 1973, were members of the Faculty by reason of their being the two members of the Faculty of Arts appointed by that Faculty shall on and from that date until 31st December, 1975, be deemed to be appointed to the Faculty pursuant to subsection (1) (f) and shall be eligible for reappointment.

(3) The persons appointed pursuant to subsection (1) (d) and (1) (e) shall be nominated by the Head of the Department or School concerned, shall hold office for a period of two years from 1st January in the year following their appointment and shall be eligible for reappointment. The persons first appointed shall hold office until 31st December, 1976.

(4) The persons who immediately before 31st October, 1973, were members of the Faculty by reason of their being the three full-time Teaching Fellows or Tutors in the Department of Accounting, Economic History, Econometrics, Economics or Government and Public Administration elected to the Faculty in the manner prescribed by resolution of the Senate shall on and from that date and until the annual election of not more than three Teaching Fellows or Tutors in Lent Term, 1974, be deemed to be elected to the Faculty pursuant to subsection (1) (g).

(5) The persons who immediately before 31st October, 1973, were members of the Faculty by reason of their being the three students, undergraduate or postgraduate, elected in the manner prescribed by resolution of the Senate shall on and from that date and until 31st December, 1974, be deemed to be elected to the Faculty pursuant to subsection (1) (h).

2. The degrees in the Faculty shall be—

(i) Bachelor of Economics (B.Ec.)
(ii) Master of Economics (M.Ec.)
(iii) Master of Business Administration (M.B.A.)
(iv) Master of Public Policy (M.P.P.)
(v) Doctor of Philosophy (Ph.D.), and
(vi) Doctor of Science in Economics (D.Sc.Econ.)

BACHELOR OF ECONOMICS

3. The degree shall be awarded in two grades, namely, the Pass degree and the Honours degree.

There shall be three classes of Honours, namely, Class I, Class II and Class III. Within Class II there shall be two divisions, namely, Division 1 and Division 2.

4. A candidate for the degree shall subsequent to matriculation complete such requirements for the degree as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board and the Faculty.[1]

5. (1) The provisions of section 4 and the resolutions arising therefrom shall come into effect on 1st January, 1974.

(2) A person who was enrolled as a candidate for the degree of Bachelor of Economics before 1st January, 1974, and has not completed the requirements for that degree by that date may, by notice to the Registrar, elect to complete the requirements for the degree in accordance with the by-laws in force at the time he commenced that degree, provided that he completes the requirements for that degree by 1st January, 1978.

(3) Where a candidate proceeding pursuant to subsection (2) fails to complete the requirements for the degree before 1st January, 1978, he shall complete the requirements for the degree under such conditions as may be determined from time to time by the Faculty.

DEGREE OF MASTER OF ECONOMICS

6. (1) The degree of Master of Economics shall be awarded in two grades, namely, the Pass degree and the degree with Honours.

[1] The Senate has approved an amendment of the by-laws to give effect to the discontinuation of the grade of Principal Tutor.
[2] See Senate Resolutions this chapter.
[3] See Senate Resolutions following Chapter VIII.

[1] See Senate Resolutions this Chapter.

(2) There shall be two classes of Honours, namely, Class I and Class II.

7. There shall be Schools for the degree in the following subjects: (i) Economics, (ii) Economic History, (iii) Government, (iv) Econometrics, (v) Accounting, and (vi) Industrial Relations.

8. An applicant for admission to candidature for the degree shall—

(1) except as provided in Chapter XXVIA of these by-laws, be a graduate of the University of Sydney; and

(2) have completed at a standard acceptable to the Faculty courses which, in the opinion of the Faculty, are relevant to the field in which the candidate intends to undertake the degree; and

(3) apply in writing to the Registrar on or before a date determined each year by the Faculty for admission to candidature.

9. (1) A candidate shall complete such requirements for the degree as may be prescribed by resolution from time to time by the Academic Board on the recommendation of the Faculty of Economics.[1]

(2) Subject to subsection (3), a candidate may satisfy such requirements by (i) presentation of a thesis or (ii) completion of course work and a thesis or (iii) completion of course work and an essay.

(3) A candidate who proceeds in accordance with subsection (2) (i) or (ii) may be awarded either the Pass degree or the degree with Honours.

(4) A candidate who proceeds in accordance with subsection (2) (iii) may be awarded the Pass degree.

10. The Faculty may deem time spent or work done towards any other postgraduate degree in the University of Sydney by a candidate before his admission to candidature for the degree of Master of Economics to be time spent or work done after admission, provided that the candidate has ceased to be a candidate for the other degree.

11. A candidate shall not be admitted to the degree, in the case of full-time study, in less than one year, or, in the case of part-time study, in less than two years from the date of admission as a candidate.

MASTER OF BUSINESS ADMINISTRATION

12. The degree of Master of Business Administration shall be awarded in one grade only.

13. An applicant for admission to candidature for the degree shall—

(i) except as provided in Chapter XXVIA of these by-laws, be a graduate of the University of Sydney;

(ii) have completed courses acceptable to the Faculty;

(iii) submit evidence acceptable to the Faculty of training and ability to pursue the prescribed courses of study and if required by the Faculty pass a special examination; and

(iv) apply in writing to the Registrar on or before a date each year prescribed by the Faculty for admission to candidature.

14. A candidate shall complete such requirements for the degree as may be prescribed by resolution from time to time of the Senate on the recommendation of the Academic Board and of the Faculty.[2]

15. The Faculty may deem time spent or work done towards any other postgraduate degree in the Faculty by a candidate before his admission to candidature for the degree of Master of Business Administration to be time spent or work done after admission, provided the candidate has ceased to be a candidate for the other degree.

16. A candidate shall not be admitted to the degree, in the case of full-time study, in less than one year, or in the case of part-time study, in less than two years from the date of admission as a candidate.

DEGREE OF MASTER OF PUBLIC POLICY

17. The degree of Master of Public Policy shall be awarded in one grade only.

18. An applicant for admission to candidature for the degree shall—

(a) except as provided in Chapter XXVIA of these by-laws, be a graduate of the University of Sydney;

(b) have completed courses acceptable to the Faculty;

(c) submit evidence acceptable to the Faculty of training and ability to pursue the prescribed courses of study and, if required by the Faculty, pass a special examination; and

(d) apply for admission to candidature in writing to the Registrar on or before a date determined each year by the Faculty.

19. A candidate shall complete such requirements for the degree as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board and of the Faculty.[1]

20. The Faculty may deem time spent or work done towards any other postgraduate degree in the University by a candidate before his admission to candidature for the degree of Master of Public Policy to be time spent or work done after admission if the candidate has ceased to be a candidate for the other degree.

21. A candidate shall not be admitted to the degree, in the case of full-time study, in less than one year, or, in the case of part-time study, in less than two years after the date of his admission as a candidate.

DOCTOR OF PHILOSOPHY

22. The degree of Doctor of Philosophy shall not be conferred except as prescribed in Chapter XIXD.

DOCTOR OF SCIENCE IN ECONOMICS

23. The degree of Doctor of Science in Economics shall not be conferred except as prescribed in Chapter XIXB.

RESOLUTIONS OF THE SENATE

BACHELOR OF ECONOMICS

1. (1) A course shall consist of such lectures, seminars, tutorials, essays, exercises and practical work as may be prescribed by the Faculty.

(2) In these Resolutions 'to complete a course' and derivative expressions mean—

(a) to attend the lectures, seminars and tutorials if any;

(b) to complete satisfactorily the essays, exercises and the practical work if any; and

(c) to pass the Annual Examination in the course.

2. (1) Courses for the degree shall have the following designations and unit values and shall be in such subjects and have such prerequisite and

[1] See Academic Board Resolutions this chapter.
[2] See Senate Resolutions this chapter.

[1] See Senate Resolutions this chapter.

corequisite courses as are set out in the tables annexed to these Resolutions.[1]

Designation	*Unit Value*
Junior Short course	3
Junior Normal course	6
Intermediate Short course	4
Intermediate Normal course	8
Intermediate Advanced course	8
Senior Short course	4
Senior Normal course	8
Senior Advanced course	14

(2) Subject to subsection (3),

(a) 'Prerequisite course', in relation to another course, means a course which a candidate shall have completed before he takes that other course, and

(b) 'Corequisite Course', in relation to another course, means a course which a candidate shall take concurrently with that other course or shall have completed before he takes that other course.

(3) The Faculty may in the case of any candidate grant exemption from any requirement relating to prerequisite or corequisite courses.

(4) The Table of Junior Short, Intermediate Short and Senior Short Courses annexed to the Resolutions as Table C may be amended by Resolution of the Faculty, provided that such amendments are reported to the Academic Board.

3. (1) An examination called an Annual Examination shall be held in each course.

(2) A candidate may be tested by written and oral examinations, exercises, essays or practical work or any combination of these in determining the results of the Annual Examination.

(3) A candidate in any course who shows sufficient merit in that course shall be awarded High Distinction, Distinction or Credit.

4. A candidate who fails to complete a course and who repeats that course shall, unless exempted by the Dean, attend the lectures, seminars and tutorials and complete the essays, exercises and practical work prescribed for that course.

5. A candidate shall select courses the completion of which concurrently is possible under the timetable from time to time in force.

6. (1) A candidate for the degree of Bachelor of Economics shall take courses selected from and in accordance with the Tables annexed to these Resolutions.

(2) A candidate shall on completing a course be credited with the number of units specified in the Tables in respect of that course, except that—

(i) A candidate may not have credited for the degree units derived from more than one of such courses as the Faculty may consider to be mutually exclusive; and

(ii) a candidate may not have credited for the degree units with respect to a course which the Faculty may consider to be similar in content to all or part of a course concurrently being taken or previously completed.

(3) Where a course ceases to be available the Faculty may require a candidate to substitute another course from those listed in the Tables annexed to these Resolutions.

(4) In special circumstances, the Faculty may permit a candidate to enrol in a course or courses other than those specified in the Tables and to have such units credited towards his degree upon completion of such a course or courses, as the Faculty may determine.

7. A candidate shall become entitled to the award of the Pass degree when the number of units credited towards the degree is not less than 70.

8. Subject to these Resolutions a candidate for the Pass degree—

(a) shall complete the courses for the degree over a period of not less than three years;

(b) shall complete Economics I and either Economics II or Economics II(P);

(c) shall in the first year of attendance enrol in courses of total value of not less than 12 units and not more than 28 units, provided that in exceptional circumstances the Dean may exempt a student from this provision;

(d) shall in the second or any later year of attendance enrol for courses of total value of not less than 12 units and not more than 32 units, provided that—

(i) this provision shall not apply to a candidate who needs less than 12 units to complete the requirements for the degree and

(ii) in exceptional circumstances the Dean may exempt a student from this provision for any year;

(e) shall complete courses of total value of not less than 40 units from Intermediate Short, Intermediate Normal, Intermediate Advanced, Senior Short, Senior Normal and Senior Advanced courses of which not less than 16 units shall come from Senior Normal or Senior Advanced courses;

(f) may not be credited with more than 16 units in respect of courses listed in Table B annexed to these Resolutions, provided—

(i) that with the permission of the Faculty he may be credited with up to 22 units for such courses provided further that such courses shall include a Third Year course as prescribed in the Senate Resolutions governing candidature for the degree of Bachelor of Arts;

(ii) that credit may be given for only one elementary language course;

(g) may not be credited with more than 16 units in respect of Short courses, being Junior, Intermediate or Senior Short courses, provided that any Normal or Advanced course which is composed wholly or partly of Short courses shall not be considered as any part of the 16 units allowed for Short courses;

(h) who enrolled as a candidate for the degree in accordance with these Resolutions prior to 1 January 1984 shall, subject to Resolutions 2, 5 and 6, complete the requirements for the degree in accordance with the Resolutions in force at the time that person commenced candidature.

9. Notwithstanding the provisions of Chapter XIXA of the By-laws and subject to section 8 of these Resolutions, a person may proceed concurrently as a candidate for the degrees of Bachelor of Economics and Bachelor of Laws and may receive credit for up to 22 units in respect of the courses Legal Institutions, Public Law, Contracts and Torts for the Bachelor of Economics degree, provided that such a candidate may not, except with the approval of the Deans of the Faculties of Economics and Law, enrol in courses of total value exceeding that specified in paragraph (d) of these Resolutions.

[1] The tables appear at the end of the Bachelor of Economics section of these resolutions.

10. A person who has completed a course or courses towards the degree of Bachelor of Economics at the University of Sydney and who with the prior approval of the Faculty completes a course or courses at another University or an appropriate institution may in special circumstances be granted credit towards the degree for such course or courses so completed provided that—

(a) the course or courses are considered by the Faculty to be equivalent to a course set out in the Tables annexed to these Resolutions, and

(b) credit for not more than 24 units may be allowed for such course or courses.

11. (1) A graduate of any university or a person with equivalent qualifications obtained in an appropriate institution may be given credit towards the degree for not more than 24 units for work or courses which are considered by the Faculty to be equivalent to courses set out in the Tables annexed to these Resolutions.

(2) A graduate of any university with First or Second Class Honours, or a person with equivalent qualifications obtained in an appropriate institution may, when such qualifications are highly relevant to the application be given such credit towards the Honours degree of Bachelor of Economics as will enable him to complete the requirements for that degree in two years of full-time study provided that if he ceases to be eligible to proceed to the Honours degree of Bachelor of Economics he may be given credit towards the Pass degree of Bachelor of Economics equivalent to that which he would have received if he had been proceeding under subsection (1).

(3) A person who has completed work or a course (or courses) towards a degree in another Faculty of the University of Sydney or in any other University or towards an equivalent qualification at an appropriate institution may be granted credit towards the degree for work or for each course so completed provided that—

(a) the work or a course (or courses) is considered by the Faculty to be equivalent to a course (or courses) set out in the Tables annexed to these Resolutions, and

(b) the student formally abandons credit for such work or courses towards that other degree or equivalent qualification.

(4) A person proceeding to the degree pursuant to this section shall before commencing study for the degree obtain the approval of the faculty for his proposed course of study.

11A. In each of the circumstances of sections 10 and 11 of these Resolutions, where a person has completed courses which are of a similar nature to but not comparable with any of the courses set out in the Tables, the Faculty may, either instead of or in addition to giving credit for any course or courses so set out, give credit for such number of units to be designated by the Faculty as Junior, Intermediate or Senior and as Short, Normal or Advanced, as the Faculty may determine and all units so credited shall, notwithstanding anything contained in these Resolutions, count accordingly towards the satisfaction of the requirements for the degree.

12. (1) There shall be provision for the award of honours in the following subjects—

(a) Accounting
(b) Anthropology
(c) Computer Science
(d) Economic History
(e) Econometrics
(f) Economics
(g) Geography
(h) Government
(i) Industrial Relations, and
(j) Operations Research

(2) There shall be provision for the award of joint honours in any two of the subjects in subsection (1).

13. Subject to these Resolutions a candidate shall become entitled to the award of the Honours degree if he has—

(a) completed the Intermediate Advanced course if any and the Senior Advanced course of the subject;

(b) qualified for the award of the Pass degree; and

(c) completed the appropriate Final Honours Year.

14. (1) In a subject in which an Intermediate Advanced course is offered—

(a) a candidate who has been awarded High Distinction, Distinction or Credit in the prerequisite Junior course shall be eligible to be admitted to the Intermediate Advanced course;

(b) a candidate who has been awarded Pass in the prerequisite Junior course may be admitted to the Intermediate Advanced course with the approval of the Head of the Department concerned;

(c) a candidate who has completed that Intermediate Advanced course and has been awarded High Distinction, Distinction or Credit shall be eligible to be admitted to the Senior Advanced course;

(d) a candidate who has completed that Intermediate Advanced course and has been awarded a Pass, or a candidate who has not taken that Intermediate Advanced course may be admitted to the Senior Advanced course only with the approval of the Head of the Department concerned.

(2) In a subject in which an Intermediate Advanced course is not offered—

(a) a candidate who has been awarded High Distinction, Distinction or Credit in the prerequisite Intermediate course shall be eligible to be admitted to the Senior Advanced course;

(b) a candidate who has been awarded Pass in the prerequisite Intermediate course may be admitted to the Senior Advanced course with the approval of the Head of the Department concerned.

(3) In any subject—

(a) a candidate who has been awarded High Distinction, Distinction or Credit in the Senior Advanced course shall be eligible to be admitted to the appropriate Final Honours year;

(b) a candidate who has been awarded Pass in the Senior Advanced course in a subject, or a candidate who has not attempted the Senior Advanced course, but who has completed the relevant Senior Normal course may, in exceptional circumstances and with the approval of the Faculty, be admitted to the Final Honours Year in the subject;

(c) a candidate who is eligible to be admitted to any Final Honours Year but who has not yet qualified for the award of the Pass degree may, in exceptional circumstances and with the approval of the Faculty, be permitted to complete the requirements for the Pass de-

gree concurrently with his Final Honours Year.

15. (1) The Head of a Department shall notify each candidate in writing of his admission to any Advanced course pursuant to section 14 (1) (b), or 14 (1) (d), or 14 (2) (b).

(2) The Head of a Department shall not later than the last day of Lent term in each year report to the Faculty the name of each candidate admitted to any Advanced course pursuant to section 14 (1) (b), or 14 (1) (d), or 14 (2) (b).

16. (1) A candidate, in order to qualify for the Honours degree, shall complete the requirements for the degree within a period of five consecutive years, provided that the Faculty may in special circumstances in the case of any candidate extend this period.

(2) Except with the approval of the Faculty and in special circumstances a candidate shall not repeat any Advanced course or any Final Honours Year.

(3) With the approval of the Faculty a candidate may in any year enrol in two (but not more than two) Advanced courses.

(4) A candidate who has qualified to enter the Final Honours Year in two subjects may either

(a) complete the Final Honours Year in each of the two subjects concurrently in one year, or

(b) complete the Final Honours Year in each of the two subjects consecutively in two years, or

(c) complete the Final Joint Honours Year in the two subjects in one year.

(5) A Final Joint Honours Year shall represent such parts of the Final Honours Year of each subject as may be approved by the Faculty.

(6) (a) A candidate proceeding pursuant to sub-section (4) (a) or subsection (4) (b) shall be eligible for the award of Honours in each subject.

(b) A candidate proceeding pursuant to sub-section (4) (c) shall be eligible for the award of Joint Honours in a form which recognises the subjects in which he has completed such Joint Honours, for example, 'Honours, Class I (Accounting—Government)'.

(7) The candidate who at graduation has most distinguished himself in a subject and the candidate who at graduation has most distinguished himself in each of the forms of Joint Honours shall, if he has obtained First Class Honours and has shown outstanding merit, receive a bronze medal.

[*Continued following Tables A-C*]

TABLE A: JUNIOR, INTERMEDIATE AND SENIOR COURSES [*See Resolution 10–11A*]

Course		Prerequisite course	Corequisite course	Additional information
Title	**Unit value**			
JUNIOR				
Normal				N.B. Economics I, Economic Statistics and Computer Science I will be taught on the assumption that students have taken at least the Mathematics 2 unit course at the HSC examination or equivalent.
Accounting I	6			
Anthropology I	6			
Computer Science I	6			
Economic History I[1]	6			
Economic Statistics	6			
Economics I	6			May be counted together with The Australian Economy.
Geography I	6			
Government I[1]	6			This course consists of one option chosen from A, B, C, D, E, F and G listed under courses offered by the Department of Government.
Law I	6			May not be counted together with Legal Institutions
The Australian Economy	6			May be counted together with Economics I. For candidates commencing in 1980 or later, may not be counted if completed after completion of Economics I and Economics II OR Economics II(P).
INTERMEDIATE				
Short	4			*See* Table C: Short Courses
Normal				
Accounting II	8	Accounting I	Either Economic Statistics or Introductory Economic Statistics	Assumed knowledge of Economics I or Economics I(P).
Anthropology II	8	Anthropology I		
Computer Science II	8	Computer Science I and Mathematics I or General Pure Mathematics or Economic Statistics		Students who intend to proceed to Computer Science III should also take an Intermediate mathematics course or Econometrics II.
Economic History II	8	Economic History I		This course consists of two Intermediate Short courses selected from the Economic History Short courses listed in Table C. Students intending to proceed to Economic History III should note the additional information provided for that course.
Econometric Methods	8	Any two Junior Normal courses other than Economic Statistics	Economics II	May not be counted together with Economic Statistics. It consists of two Intermediate Short courses Introductory Economic Statistics and Elementary Econometrics.
Econometrics II	8	Economic Statistics		
Economics II	8	Economics I		May not be counted together with Economics II(P).
Economics II(P)	8	Economics I(P)		May not be counted together with Economics II.
Geography II	8	Geography I		Students who have completed Geography IB are advised to consult the Head of the Department.
Government II	8	Government I		Government II consists of two Intermediate Short courses selected from Government courses listed in Table C. Candidates proceeding to Government III *must* complete one course from each of two of the Groups A, B, C or D, listed under Government II or Government III.
Industrial Relations I	8	Any two Junior Normal courses		
Law IIA	8	Law I. Alternatively Legal Institutions (Prerequisite) and Contracts (Corequisite)		May not be counted together with Law IIB or Public Law (or Law II under previous Resolutions)
Law IIB	8	Law I. Alternatively Legal Institutions (Prerequisite) and Contracts (Corequisite)		May not be counted together with Law IIA or Public Law (or Law II under previous Resolutions)
Rural Economics I	8	Economics I or Economics I(P)		Rural Economics I(a) may not be counted together with Agricultural Economics; (b) consists of two Intermediate Short courses, Agricultural Production Economics and Agricultural Policy.
INTERMEDIATE				
Advanced				
Anthropology II (Advanced)	8	Anthropology I		
Economic History II (Advanced)	8	Economic History I		See Resolution 14.
Economics II (Advanced)	8	Economics I		
Geography II (Advanced)	8	Geography IA or with the consent of the Head of the Department.		
Government II (Advanced)	8	Government I		

Note: Intermediate Advanced Courses are not offered in Accounting II, Industrial Relations I and Econometrics II. Advanced Studies in Accounting, Industrial Relations and Econometrics commence with the Senior Advanced Courses.

[1] This course may be commenced half way through the year with the permission of the Faculty on the recommendation of the Head of the Department concerned.

Course		Prerequisite course	Corequisite course	Additional information
Title	Unit value			
SENIOR				
Normal				
Accounting III	8	Accounting II and either Economic Statistics or Introductory Economic Statistics		Assumed knowledge of Economics II or Economics II(P).
Anthropology III	8	Anthropology II		
Anthropology III Additional	8		Anthropology III[1]	
Computer Science III	8	Computer Science II and Pure Mathematics II or Applied Mathematics II or Econometrics II		May not be counted with Computer Science IIIE.
Computer Science IIIE	8	Computer Science II		May not be counted with Computer Science III.
Computer Science IIIE Additional	8	Computer Science II and Pure Mathematics II or Applied Mathematics II or Econometrics II	Computer Science IIIE	
Economic History III	8	Economic History II		This course consists of Economic History Short courses Early Australian Economic History and Modern Australian Economic History or, if already completed, two other courses from the list of Economic History Short courses.
Economic History III Additional	8		Economic History III[1]	This course consists of two Intermediate Short courses from Economic History, listed in Table C and not otherwise taken.
Econometrics III	8	*Econometrics II*		
Economics III	8	Economics II or Economics II(P)		
Economics III Additional	8		Economics III[1]	
Geography III(E) (Economics)	8	Geography II		May not be counted together with Geography IIIEP.
Geography III(P) (Physical)	8	Geography II		May not be counted together with Geography IIIEP.
Geography IIIEP	8	Geography II		Individual courses selected from options within IIIP and IIIE may be combined to make up Geography III, provided only one course is taken per term and that any specified prerequisite has been met. May not be counted with either Geography III(E) or Geography III(P).
Government III	8	Government II		Government III consists of two Intermediate Short courses selected from Government courses listed in Table C and not otherwise taken. Candidates *must* complete one course from each of two of the Groups A, B, C or D, listed under Government as part of either Government II or Government III.
Government III Additional	8		Government III[1]	Government III Additional consists of two Intermediate Short courses selected from Government courses listed in Table C and not otherwise taken.
Industrial Relations II	8	Industrial Relations I		
Industrial Relations II (Additional)	8		Industrial Relations II	
Operations Research	8	Econometrics II or with the consent of the Head of the Department of Econometrics		
Rural Economics II	8	Rural Economics I		Rural Economics II consists of two Intermediate Short courses, *viz* Resource Economics and Agricultural Markets and Prices.
Taxation Law[2]	8	Law IIA and Accounting I		
SENIOR				
Advanced				
Accounting III Advanced	14	Accounting II and either Economic Statistics or Introductory Economic Statistics		Assumed knowledge of Economics II or Economics II(P).
Anthropology III Advanced	14	Anthropology II Advanced		
Computer Science IIIE Advanced	14	Computer Science II and Pure Mathematics II or Applied Mathematics II or Economic Statistics II		
Economic History III Advanced	14	Economic History II Advanced		See Resolution 14.
Econometrics III Advanced	14	Econometrics II		
Economics III Advanced	14	Economics II Advanced or Economics II(P)		
Geography III Advanced	14	Geography II Advanced		
Government III Advanced	14	Government II Advanced		
Industrial Relations II Advanced	14	Industrial Relations I		
Operations Research Advanced	14	Econometrics II	Econometrics III	

[1] Or the Senior Advanced course.
[2] Students enrolled prior to 1982 may enrol in Law IIA concurrently, but if a student is ineligible to sit for Law IIA at the November examination because he or she has not completed the course requirements, that student will thereby be ineligible to sit for the annual examination in Taxation Law.

TABLE B: JUNIOR AND INTERMEDIATE COURSES

Course		Prerequisite course	Corequisite course	Additional information
Title	Unit value			
JUNIOR				
Normal				
Arabic IA	6			
Arabic IB	6			Elementary course
Archaeology I	6			
Biblical Studies I	6			
Biology I	6			May not be counted with Biology I (HSE)
Biology I (Human Social and Environmental)	6			May not be counted with Biology I
Chinese IA	6			
Chinese IB	6			Elementary course
Chemistry I	6			
English I	6			
Fine Arts I	6			
French IA	6			
French IB	6	Students should consult Chapter X Faculty of Arts in the Statutes section of the Calendar or Departments in the Faculty of Arts to determine any prerequisites, corequisites or other requirements relating to enrolments in courses listed in Table B.		Elementary course
French IAB	6			
Geology I	6			
German IA	6			
German IB	6			Elementary course
German IAB	6			
Greek IA	6			
Greek IB	6			Elementary course
Greek IB (Koine)	6			Elementary course
Modern Greek IA	6			
Modern Greek IB	6			Elementary course
Modern Greek IAB	6			
Hebrew IA	6			
Hebrew IB	6			Elementary course
History I	6			
Indonesian and Malayan Studies IA	6			
Indonesian and Malayan Studies IB	6			Elementary course
Islamic Studies	6			
Italian IA	6			
Italian IB	6			Elementary course
Japanese IA	6			
Japanese IB	6			Elementary course
Latin IA(i)	6			
Latin IA(ii)	6			
Latin IB	6			Elementary course
Legal Institutions	6			May not be counted with Law I.
Linguistics I	6			
Mathematics I	6			May not be counted with General Pure Mathematics.
General Pure Mathematics	6			May not be counted with Mathematics I.
Music I	6			
Philosophy I	6			
Physics I	6			May not be counted with Physics (Life Sciences).
Physics I (Life Sciences)	6			May not be counted with Physics I.
Psychology I	6			
INTERMEDIATE				
Normal				
Arabic IIA	8			
Arabic IIB	8			
Arabic III	8			
Archaeology II	8			
Archaeology III	8			
Historical Archaeology II	8			
Historical Archaeology III	8			
Australia Literature II	8			
Australian Literature III	8			
Biblical Studies II	8			
Biology II	8			
Biology III	8			
Chemistry II	8			
Chemistry III	8			
Chinese IIA	8			
Chinese IIB	8			
Chinese IIIA	8			
Chinese IIIB	8			
Education II	8			
Education III	8			
English II	8			
English III	8			
Fine Arts II	8			
Fine Arts III	8			
French IIA	8			
French IIB	8			
French IIIA	8			
French IIIB	8			
Geology II	8	Students should consult Chapter X Faculty of Arts in the Statutes section of the Calendar or Departments in the Faculty of Arts to determine any prerequisites, corequisites or other requirements relating to enrolments in courses listed in Table B.		
Geology III	8			
German IIA	8			
German IIB	8			
German IIIA	8			
German IIIB	8			
Greek IIA	8			
Greek IIB	8			
Greek IIIA	8			
Greek IIIB	8			

Course Title	Unit value	Prerequisite course	Corequisite course	Additional information
INTERMEDIATE Normal (contd)				
Modern Greek IIA	8			
Modern Greek IIB	8			
Modern Greek IIIA	8			
Modern Greek IIIB	8			
Hebrew IIA	8			
Hebrew IIB	8			
Hebrew III	8			
History II	8			
History III	8			
Indian Studies III	8			
Indonesian and Malayan Studies IIA	8			
Indonesian and Malayan Studies IIB	8	Students should consult Chapter X Faculty of Arts in the Statutes section of the Calendar or Departments in the Faculty of Arts to determine any prerequisites, corequisites or other requirements relating to enrolments in courses listed in Table B.		
Indonesian and Malayan Studies IIIA	8			
Indonesian and Malayan Studies IIIB	8			
Italian IIA	8			
Italian IIB	8			
Italian III	8			
Japanese IIA	8			
Japanese IIB	8			
Japanese IIIA	8			
Japanese IIIB	8			
Latin IIA	8			
Latin IIB	8			
Latin IIIA	8			
Latin IIIB	8			
Public Law	8	Legal Institutions		May not be counted with Law IIA or Law IIB.
Linguistics II	8			
Linguistics III	8			
Applied Mathematics II	8			
Applied Mathematics III	8			
Pure Mathematics II	8			
Pure Mathematics III	8			
Music II	8			
Music III	8			
Philosophy II	8			
Philosophy III	8			
Physics II	8			
Physics III	8			
Psychology II	8			
Psychology III	8			
Religious Studies II	8			
Religious Studies III	8			
Social Theory II	8			
Social Theory III	8			

TABLE C: SHORT COURSES

Course Title	Unit value	Prerequisite course	Corequisite course	Additional information
INTERMEDIATE SHORT COURSES				
Accounting:				
Company Law	4	Law I and Law IIB		Consists of the second and third terms of Law IIA.
Trade Union and Employer Association Law	4	Law I and Law IIA		Consists of the second and third terms of Law IIB.
Economic History:				
Economic Development in Southeast Asia	4			
Economic Development of Modern Germany	4			
Economic Development of Modern Japan	4			
Economic Fluctuations*	4		*Economics I or with the consent of the Head of the Department of Economic History	
Social Aspects of Industrialisation in the United States	4			
Economic and Social Development in Modern France	4			
Economic and Social History of Minority Groups	4	Any two Junior Normal courses		
American Economic History 1607–1865	4			
American Economic History 1865–1970	4			
Early Australian Economic History	4			
Latin America: Political Crises and Economic Change	4			
Modern Australian Economic History	4			
The Historical Development of the Chinese Economy	4			
Urban History	4			

Course Title	Unit value	Prerequisite course	Corequisite course	Additional information
INTERMEDIATE SHORT COURSES (contd)				
Econometrics:				
Econometrics III Supplementary	4	Econometrics II	Econometrics III	
Elementary Econometrics	4	Introductory Economic Statistics or Economic Statistics or with the consent of the Head of the Department of Econometrics		May not be counted together with Econometrics II
Elementary Operations Research	4	Introductory Economic Statistics or Economic Statistics or with the consent of the Head of the Department of Econometrics		
Introductory Economic Statistics	4	Any two Junior Normal courses		May not be counted together with Economic Statistics, Econometrics II or Econometrics III.
Economics:				
Economics II Supplementary	4		Economics II	
Economics III Supplementary	4	Economics II or Economics II(P)		
Government:				
Group A				
Classical Political Theory I	4	Government I or with the consent of the Head of the Department of Government		
Classical Political Theory II	4			
Disobedience, Direct Action and Political Authority	4			
Ethics and Politics: Human Needs and the State	4			
Ethics and Politics: Violence	4			
Marxism	4			
Scope and Method in Political Science	4			
Topics in Democratic Theory	4			
Group B				
American Politics	4	Government I or with the consent of the Head of the Department of Government		
Government and Politics of Modern China	4			
International Communism	4			
Introduction to Comparative Politics	4			
Japanese Politics	4			
Problems in American Public Policy: The Quality of Life	4			
Problems of Political Change	4			
Southeast Asian Politics I	4			
Southeast Asian Politics II	4			
USSR and Eastern Europe	4			
Western European Politics	4			
Group C				
Australian State Politics	4	Government I or with the consent of the Head of the Department of Government		
Community Politics I	4			
Community Politics II	4			
Environmental Issues and Policies	4			
Issues in Australian Public Policy: Natural Resources	4			
Public Policy and Administration I	4	Government I or with the consent of the Head of the Department of Government		
Public Policy and Administration II	4			
Group D				
Issues in International Politics	4	Government I or with the consent of the Head of the Department of Government		
Theory of International Politics	4			
Group E				
An Introduction of Field Studies in Political Behaviour	4	Government I or with the consent of the Head of the Department of Government		
Political Sociology	4			
Politics of Information I	4			
Politics of Information II	4			
Socialist and Labour Politics	4			
Working Class Politics	4			
Political Economy of Women	4	Any two Junior Normal courses		
Rural Economics:				
Agricultural Markets and Prices	4	Rural Economics I or with the consent of the Head of the Department of Agricultural Economics		
Resource Economics	4			
Agricultural Policy	4	Economics I or Economics I(P)		May not be counted together with Agricultural Economics (old by-laws course)
Agricultural Production Economics	4	Economics I or Economics I(P)		May not be counted together with Agricultural Economics (old by-laws course)
Interdepartmental:				
Political Economy of Women	4	Any two Junior Normal courses		
Law:				
Contracts	4	Any two Junior Normal courses	Legal Institutions	May not be counted together with Law I
Torts	4	Any two Junior Normal courses	Legal Institutions	

MASTER OF BUSINESS ADMINISTRATION

Pursuant to section 14 of Chapter XVIII of the By-laws the Senate makes the following resolutions for the degree of Master of Business Administration:

1. (i) Subject to Resolution 1(2) a candidate for the degree shall—
   (a) engage in the University of Sydney either in full-time study for not less than two years or part-time study for not less than three years;
   (b) in each year of candidature pursue a course of study prescribed by the Faculty;
   (c) at an examination at the end of each year of candidature satisfy the Faculty that satisfactory progress has been made;
   (d) at the end of the period specified in Resolution 1(a) or, with the special permission of the Faculty, within one further year, lodge with the Registrar four copies of a substantial essay (printed or typewritten) on a subject approved by the Faculty;
   (e) throughout the candidature consult with the adviser or supervisor appointed under Resolution 6(1) and with such other person or persons as the Faculty may nominate.

   (2) The Faculty may in exceptional circumstances permit a candidate who has what it considers to be special qualifications and experience—
   (a) to submit a thesis instead of the substantial essay prescribed in Resolution (1)(d); and/or
   (b) to complete the requirements for the degree within a period of full-time study of not less than one year.

2. (1) A course of study shall consist of such lectures, seminars, thesis, essays, exercises and practical work as may be prescribed in accordance with Resolution 1(1)(b).

   (2) The Faculty may require a candidate to acquire satisfactory practical experience working outside the University in an approved organisation prior to admission to candidature or as part of the prescribed course of study.

3. A candidate may be tested by written and oral examinations, assignments, exercises and practical work or any combination of these in determining the results of the examinations prescribed in Resolution 1(1)(c).

4. (1) (a) A candidate shall, subject to Resolution 4(1)(b), complete the work for the essay prescribed in Resolution 1(1)(d) or the thesis prescribed in Resolution 1(2)(a) within the University of Sydney.
   (b) A candidate who has completed the minimum time prescribed for his or her candidature and who has substantially completed the work for the essay or thesis may be permitted by the Faculty to complete that work away from the University provided that the adviser or supervisor furnishes a written statement specifying the arrangements to be made for continuing advice or supervision and certifying that these arrangements are satisfactory.

   (2) (a) A candidate shall not present as the essay or thesis any work which has been presented for a degree at this or any other university, or for any qualification in any institution, but the candidate shall not be precluded from incorporating such work in the essay or thesis provided the part of the work which has been so incorporated is clearly indicated.
   (b) A candidate shall state throughout the essay or thesis the sources from which information was derived, and the extent to which the candidate has made use of the work of others.

5. (1) (a) A candidate shall complete the requirements for the degree within three years from the date of first enrolment as a candidate provided that in special circumstances the Faculty may extend this period by not more than one year.
   (b) A full-time candidate may be required to work continuously throughout the year except for a period of four weeks' recreation leave.

   (2) Where a person's candidature is terminated within the period stated in Resolution 5(1)(a) for reasons other than unsatisfactory progress and that person is subsequently permitted to re-enrol, the Faculty shall give allowance for time spent or work done as it thinks fit.

6. (1) The Faculty shall appoint a person who is a full-time member of the University academic staff to act as adviser or supervisor of the candidate, and may also appoint an associate adviser or supervisor similarly qualified in this or another university or appropriate institution to advise the candidate on the preparation of the substantial essay or to supervise the preparation of the thesis, respectively.

   (2) The Dean or the Sub-Dean shall report to the Faculty in respect of each candidate the essay or thesis subject approved, not later than one year prior to the completion of the minimum time of candidature.

   (3) The adviser or supervisor may at any time and shall at the end of each year of candidature submit a report to the Faculty on the progress towards completion of the requirements for the degree of each candidate for whom that adviser or supervisor is responsible.

   (4) The Dean or the Sub-Dean may at any time and, pursuant to Resolution 6(3), shall at the end of each year of a person's candidature make a recommendation to the Faculty concerning continuation of such candidature.

7. (1) The Faculty shall appoint an examiner or examiners to conduct the examinations prescribed in Resolution 1(1)(c).

   (2) The Faculty shall appoint not less than two examiners, of whom one or more may be an external examiner, to examine the essay or thesis.

   (3) The examiners appointed in accordance with these Resolutions shall report to the Faculty which shall determine the result of the examinations for the degree.

MASTER OF PUBLIC POLICY

Pursuant to section 19 of Chapter XVIII of the By-laws, the Senate makes the following resolutions for the degree of Master of Public Policy:[1]

1. (1) Subject to subsection (2) a candidate for the degree shall—

[1] Not available at present.

(a) engage in the University of Sydney in either full-time or part-time study for not less than two years;
(b) pursue a course of study in each year of candidature prescribed by the Faculty on the recommendation of the Dean or his nominee;
(c) at an examination at the end of each year of candidature satisfy the Faculty that he is making satisfactory progress with his candidature;
(d) lodge with the Registrar not later than 1st March in the year next following completion of the second year of candidature, or with approval the next following 1st September, or with further approval the next following 1st March, four copies of a substantial essay (printed or typewritten) on a subject approved by the Dean or his nominee; and
(e) throughout his candidature consult with the Dean or his nominee and with his Supervisor, and such other person or persons as the Board of Postgraduate Studies may nominate.

(2) The Faculty may in exceptional circumstances permit a candidate who has what it considers to be special qualifications and experience—
(a) to submit a thesis instead of a substantial essay as prescribed in subsection (1) (d); and/or
(b) to complete the requirements for the degree within a period of full-time study of not less than one year.

2. (1) A course of study shall consist of such lectures, seminars, thesis, essay, exercises and practical work as may be prescribed under section 1 (1) (b).

(2) The Faculty may require a candidate to acquire satisfactory practical experience working outside the University in an approved organisation as part of the prescribed course of study.

3. A candidate may be tested by written and oral examinations, assignments, exercises and practical work or any combinations prescribed in section 1 (1) (c) of these Resolutions. Except with the approval of the Faculty these examinations shall be held in Michaelmas Term.

4. (1) Subject to section 1 (1) (b)—
(a) a candidate shall complete the work for the essay or thesis prescribed in section 1 (1) (d) or 1 (2) within the University of Sydney.
(b) the Faculty may permit a candidate who has completed the minimum time prescribed for his candidature and who has made substantial progress in the work for the essay or thesis to complete this work elsewhere provided that the Dean or his nominee and the Supervisor furnish a written statement specifying the arrangements to be made for continued supervision and certifying that these arrangements are satisfactory.

(2) (a) A candidate shall not present as his essay or thesis any work which has been presented for a degree at this or any other university, or for any qualification in any institution, but he will not be precluded from incorporating such work in his essay or thesis provided he indicates the part of the work which has been so incorporated.
(b) He shall state throughout his essay or thesis the sources from which his information was derived, and the extent to which he has availed himself of the work of others.

5. (1) A candidate may be required to work continuously throughout the year except for a period of four weeks' recreation leave.

(2) Where a person's candidature is terminated for reasons other than unsatisfactory progress, a candidate may if he is permitted to resume his candidature be given such allowance for time spent or work done as the Faculty may determine.

6. (1) The Faculty, on the recommendation of the Dean, or his nominee, shall appoint with the agreement of the Head of the Department concerned, a person who is a full-time member of the University teaching staff to act as a supervisor of the candidate, and may also appoint an associate supervisor similarly qualified in this or another university or appropriate institution.

(2) The Dean or his nominee shall report to the Faculty in respect of each candidate the essay or thesis subject approved, and shall so report not later than one year prior to the completion of minimum time of candidature.

(3) The Supervisor may at any time and shall at the end of each year of candidature submit a report through the Dean or his nominee to the Faculty on the progress towards a completion of the requirements for the degree of each candidate under his supervision.

(4) The Dean or his nominee may at any time, and pursuant to subsection (3) shall at the end of each year of a person's candidature make a recommendation to the Faculty concerning continuation of his candidature.

(5) The Faculty may on the recommendation of the Dean or his nominee terminate the candidature of any candidate who has not in the opinion of the Faculty shown evidence of sufficient progress.

7. (1) The Dean or his nominee shall appoint an examiner or examiners to conduct the examinations prescribed in section 1 (1) (c) of these Resolutions.

(2) The Faculty shall appoint not less than two examiners, of whom one or more may be an external examiner, to examine the essay or thesis.

(3) The examiners appointed under subsections (1) and (2) shall report to the Faculty which shall determine the result of the examinations for the degree.

MEMBERSHIP OF THE FACULTY BY TEACHING FELLOWS AND TUTORS

Pursuant to section 1 of Chapter XVIII of the By-laws the Senate makes the following resolutions for the election of not more than three Teaching Fellows or Tutors to memberships of the Faculty:

1. There shall be not more than three persons elected to membership of the Faculty being full-time Tutors or Teaching Fellows in the Departments specified in section 1 (1) (a) of Chapter XVIII of the By-laws.

2. The elections shall be held in Lent term each year, provided that the first such election shall be held in Lent term, 1973, or so soon thereafter as may be arranged.

3. The persons elected to membership of the Faculty shall hold office from the date of election until the next annual election.

4. A member shall cease to hold office if he ceases to hold the qualifications in respect of which he is eligible for membership of the Faculty, or if he otherwise becomes eligible for membership of the Faculty.

5. (a) Any vacancy occurring by death, disqualification or resignation of a member shall be filled by the conduct of a by-election in accordance with the procedures for an election set out in section 7.
(b) Any vacancy arising out of an insufficient number of nominations shall remain unfilled.

6. The electorate for the election of members shall comprise all full-time Tutors or Teaching Fellows in the Departments specified in section 1 (1) (a) of Chapter XVIII of the By-laws.

7. The election shall be conducted by the Registrar and the following procedures shall apply:
(a) At least twenty-eight days' notice of the day of election shall be given by notice posted to each eligible voter and at the University.
(b) No person shall be eligible for election unless his name shall have been communicated to the Registrar not less than fourteen days before the date fixed for the election. The nomination paper shall be signed by the person nominated and shall signify his consent to the nomination.
(c) On the expiration of the time for receiving nominations,
(i) should the number of nominations not exceed the number of vacancies, the Registrar shall report the fact to the Dean who shall then declare the candidate or candidates duly elected;
(ii) should the number of nominations exceed the number of vacancies, the election shall be by voting papers as hereinafter provided.
(d) The election shall be conducted in the following manner:
(i) The Registrar shall prepare a list of all persons entitled to vote, completed to the last day for receiving nominations for the election, and a copy of such list shall be available for inspection in the Registrar's Office at the University during normal working hours for the period from that date to the day of election.
(ii) Not later than the third day before the day of election the Registrar shall forward to each voter at his address last notified to the Registrar, a voting paper containing the names of all duly nominated candidates arranged in alphabetical order, a form of declaration wherein the voter shall state his name and qualification, an envelope marked 'Voting Paper', and a second envelope addressed to the Registrar.
(iii) The voter shall mark his voting paper by making a cross opposite the name of the candidate or candidates for whom he votes. He shall place the voting paper without any other matter in the envelope marked 'Voting Paper' which he shall seal. He shall complete and sign the declaration and transmit to the Registrar in the second envelope the declaration and the sealed envelope marked 'Voting Paper'.
(iv) All voting papers so transmitted and received at the University not later than 2.00 p.m. on the day of election shall be counted in the ballot, which shall be conducted by the Registrar. Each candidate shall be entitled to appoint one scrutineer.
(v) At the expiration of time allotted for the ballot, and after examination of the voting papers, the Registrar shall report the result to the Dean who shall then declare the three candidates who have received the greatest number of votes to be duly elected. The Registrar shall reject any informal voting paper; in the event of doubt, the matter shall be referred to the Dean whose decision shall be final.
(vi) Where an equality of votes prevents the making of the declaration under paragraph (v) of this clause, the Dean shall determine the result by lot as may be necessary to enable the declaration to be made.

RESOLUTIONS OF THE ACADEMIC BOARD

MASTER OF ECONOMICS

In accordance with Chapter XVIII, section 9 of the By-laws, the following Resolutions governing candidature for the degree of Master of Economics have been prescribed by the Academic Board on the recommendation of the Faculty of Economics:

1. An applicant for admission to candidature for the degree of Master of Economics shall apply for the approval of the Faculty to proceed as a candidate
either
(a) in the case of a Bachelor of Economics of the University of Sydney with first-class or second-class Honours or an applicant with qualifications deemed by the Faculty to be equivalent, by—
(i) thesis or
(ii) coursework and thesis, or
(iii) coursework and essay;
or
(b) in the case of a Bachelor of Economics of the University of Sydney with third-class Honours or with a Pass degree or an applicant with qualifications deemed by the Faculty to be equivalent, by—
(i) coursework and thesis, or
(ii) coursework and essay;
and in each case specifying the proposed subject of his thesis or essay.

2. After admission a candidate shall—
(a) enrol in each year in accordance with the procedure prescribed by the Faculty;
(b) attend such lectures and seminars and other meetings as may be prescribed by the Head of the Department concerned, and
(c) consult with the Head of the Department and with his Supervisor.

3. A candidate admitted in accordance with section 1 (a) (i) shall—
(a) engage in the University of Sydney either in full-time study for not less than one year or in part-time study for not less than two years;
(b) carry out an original investigation on a topic approved by the Head of the Department;
(c) write a thesis embodying the results of this investigation;
(d) lodge with the Registrar four copies (printed or typewritten) of his thesis not later than the first of March or, with the approval of the Faculty, the first of September in the year in which he seeks the award of the degree;

(e) if required by the examiners, sit for an examination in the branch or branches of knowledge to which the thesis relates.

4. A candidate admitted otherwise than in accordance with section 1 (a) (i) shall—

(a) (i) if he has not obtained the degree of Bachelor of Economics with first or second class honours or qualifications considered by the Faculty to be equivalent, engage in the University of Sydney in either full-time or part-time study for not less than two years; or

(ii) if he has obtained the degree of Bachelor of Economics with first or second class honours or qualifications considered by the Faculty to be equivalent, engage in the University of Sydney in full-time study for not less than one year or part-time study for not less than two years;

(b) attend such courses of study as the Faculty on the recommendation of the Head of the Department concerned, shall prescribe;

(c) on the basis of examinations and assessments at the end of each year of candidature, satisfy the Faculty that he is qualified to proceed with his candidature; and

(d) by the first of March following the completion of the coursework prescribed, or with the permission of the Faculty by the following first of September, lodge with the Registrar four typewritten and bound copies of a thesis or two typewritten and bound copies of a substantial essay, on a topic approved by the Head of the Department.

5. (1) A candidate may be accepted by the Faculty on a probationary basis for a period not exceeding twelve months and, on completion of this probationary period, the Faculty shall review the candidate's work and shall either confirm the candidate's status or terminate the candidature.

(2) In the case of a candidate accepted on a probationary basis under this resolution, the candidature shall be deemed to have commenced from the date of such acceptance.

6. (1) The Faculty, on the recommendation of the Department concerned, shall appoint a person who is a full-time member of the University academic staff to act as supervisor of the candidate.

(2) The Head of the Department shall report to the Faculty in respect of each candidate the thesis subject approved.

(3) The supervisor shall each year submit a report through the Head of the Department concerned to the Faculty on the progress towards completion of the requirements for the degree of each candidate under his supervision.

(4) The Faculty may, on the recommendation of the Head of the Department concerned terminate the candidature of any candidate who has not, in the opinion of the Faculty, shown evidence of sufficient progress.

7. Except with the approval of the Faculty the examinations prescribed in section 4 (c) shall be held in Michaelmas term.

8. (1) A candidate shall carry out the investigation on the topic approved by the Head of the Department in the University of Sydney except that the Faculty may permit a candidate who is a graduate of the University to carry out the investigation or part of it elsewhere.

(2) A candidate shall not present as his thesis or essay any work which has been presented for a degree at this or any other University, but he will not be precluded from incorporating such work in his thesis or essay provided that he indicates the part of the work which has been so incorporated. He shall state in the thesis, generally in a preface and specifically in notes, the sources from which his information was derived, the extent to which he has availed himself of the work of others and the portion of the thesis which he claims as original.

(3) A thesis shall be accompanied by a certificate from the supervisor stating whether, in the supervisor's opinion, the form of presentation of the thesis is satisfactory.

9. (1) A full-time candidate shall complete requirements for the degree within three years from the date of his first enrolment as a candidate provided that in special circumstances the Faculty may extend this period to four years.

(2) A part-time candidate proceeding by coursework and thesis or by coursework and essay shall complete the degree within four years from the date of first enrolment as a candidate except that in special circumstances the Faculty may extend the period to five years.

(3) If a candidature is terminated for any reason within the time stated in subsection (1) and the candidate subsequently wishes to proceed to the degree, the Faculty may give such directions as to the period of time allowed as the circumstances may require.

10. (1) The Head of the Department concerned shall appoint an examiner or examiners to conduct the examinations prescribed in section 4 (c).

(2) (a) Subject to Resolution 10(2)(b) the Faculty shall appoint not less than two examiners, of whom one or more may be an external examiner, to examine the thesis or the essay.

(b) In the case of a candidate proceeding by thesis only, the Faculty shall appoint three examineers of whom at least two shall be external, provided that all three shall be external if the candidate is a member of the staff of the Faculty.

(3) The examiners appointed under subsection (1) and subsection (2) shall report to the Faculty which shall determine the result of the examination for the degree.

RESOLUTIONS OF THE FACULTY

BOARD OF EXAMINERS AND BOARD OF POSTGRADUATE STUDIES

Board of Examiners

The Faculty has appointed one Board of Examiners pursuant to section 12 of Chapter VIII of the By-laws with the following membership:—

(a) Those persons holding membership of the Faculty of Economics under section 1 (1) (a) of Chapter XVIII of the By-laws.

(b) The Heads of and Professors in those Departments not referred to in section 1 (1) (a) of Chapter XVIII of the By-laws offering courses in which candidates for the degree of Bachelor of Economics have enrolled, or their nominees who are persons in the same categories as those listed in that section.

Board of Postgraduate Studies

The Board of Postgraduate Studies established under section 13 of Chapter VIII of the By-laws shall consist

of the Dean who shall be Chairman *ex officio*, the Heads of Departments within the Faculty or their nominated representatives and up to five other members, and shall be elected by the Faculty for two years. The Board shall have power to co-opt. Members of the Board shall include at least one staff member from each School.

MASTER OF BUSINESS ADMINISTRATION

Admission to candidature

Pursuant to subsection (ii) of section 13 of Chapter XVIII of the By-laws, the Faculty has resolved that a person admitted to candidature for the degree of Master of Business Administration shall be:

(i) a graduate with at least two years' business experience after graduation

(ii) a person who has acquired recognised professional qualifications otherwise than by university study and who has had at least five years' experience since gaining qualification.

Course of study

Pursuant to subsection (1) (b) of Section 1 of the Resolutions of the Senate relating to the degree of Master of Business Administration, the Faculty has prescribed the following courses of study, which will be offered:

The programme consists of eleven modules made up of seven courses, an industry study (1 module) and dissertation or company study (3 modules). The first three courses are taken during Lent, Trinity and Michaelmas terms respectively, and are taken in sequence. The industry study (module 4) is completed before the commencement of second year and is followed by the coursework of which module 5 (Lent term) is compulsory while modules 6 and 7 contain options. The company report is commenced after the completion of module 7 and is followed by a final course (module 9) in Lent term of third year. The company report or dissertation (modules 8, 10 and 11) is completed and presented in Michaelmas term of that year. The modules are—

1. Financial Reporting in a Legal Environment
2. The Structure, Management and Regulation of the Modern Corporation
3. The Theory and Practice of Decision-making
4. Industry Study
5. Financial Institutions and Sources of Finance
6. Corporate Dilemmas, Difficulties and Disasters
7. Corporate Finance
8 Company Report or Dissertation
9 Comparative International Business and Financial Institutions
10. and 11. Completion of Company Report or Dissertation

Options

The following modules may be substituted for modules 6, 7 or 9:

— The Securities market and its Regulation
— Operations Research
— Industrial Relations and Human Resource Development

DOCTOR OF SCIENCE IN ECONOMICS

Pursuant to section 13 of Chapter XVIII and to sections 2 and 5 of Chapter XIXB of the By-laws the Faculty makes the following Resolutions:

1. Published work which a candidate for the degree of Doctor of Science in Economics submits for examination must, in addition to satisfying the requirements of Chapter XIXB of the By-laws, be in a field with which the Faculty is concerned.

2. A candidate for the degree is required, by way of an introduction, to describe the theme of the published work submitted and, where there is a large number of publications whose dates range over a period of time and which contain some range of subject matter, to state how these are related to one another and to his theme.

3. If a prospective candidate, as a first step tenders the introduction referred to in section 2, together with a list of the published work which he proposes to submit for examination, the Faculty will make an assessment as to whether the published work is in a field with which the Faculty is concerned, and, if so, an assessment also of the *prima facie* worthiness for examination of the published work.

4. A prospective candidate who tenders the introduction together with the list of published work shall not be debarred from subsequently submitting his published work for examination.

5. The published work shall be regarded as a distinguished contribution to knowledge if:

(a) it represents a significant advance in knowledge in its chosen field, and/or

(b) it has given rise to and/or is part of a significant debate in scholarly books and journals among recognised scholars in its chosen field, and/or

(c) it has directly given rise to significant changes in the direction of research or of practice of a newer generation of recognised scholars in its chosen field.

Faculty of Architecture

BY-LAWS CHAPTER XIX

1. (1) The Faculty of Architecture shall comprise the following persons:

(i) The Professors, Readers, Associate Professors, Senior Lecturers, Lecturers, Principal Tutors[1], Senior Tutors and Assistant Lecturers, being full-time permanent or full-time temporary members of the teaching staff, in the Departments of Architecture, Architectural Science and Town and Country Planning.

(ii) One member of each of the Faculties of Arts, Medicine, Science, Engineering and Economics nominated biennially in Michaelmas Term by the Dean of the Faculty concerned to hold office for a period of two years from 1st January in the year following such nomination.

(iii) The Director of the Sydney University Art Workshop.

(iv) Such part-time members of the teaching staff with responsibility for the general conduct of particular courses in the curriculum as are elected by the members mentioned in the foregoing paragraphs (i) and (ii).

(v) Not more than five students elected in the manner prescribed by resolution of the Senate.[2]

(2) The persons at present members of the Faculty by virtue of their nomination by the Deans of the Faculties of Arts, Medicine, Science, Engineering and Economics shall be deemed to be appointed in accordance with the foregoing subsection (1) (ii) and to commence their membership from 1st January, 1970.

(3) The election of members pursuant to subsection (1) (iv) shall be held at the first meeting of the Faculty in Lent Term in each year, the first election to be held in Lent Term, 1971, and the members so elected shall hold office until the next annual election but conterminously with their membership of the part-time teaching staff.

2. The degrees and diplomas in the Faculty of Architecture shall be—

(i) Bachelor of Science (Architecture) (B.Sc.(Arch.)),
(ii) Bachelor of Architecture (B.Arch.),
(iii) Bachelor of Landscape Studies (B.Land.Stud.),
(iv) Master of Science (Architecture) (M.Sc.(Arch.)),
(v) Master of Architecture (M.Arch.),
(vi) Diploma in Town and Country Planning (Dip.T.C.P.),
(vii) Master of Town and Country Planning (M.T.C.P.),
(viii) Diploma in Building Science (Dip.Bdg.Sc.),
(ix) Diploma in Building Science (Energy-Conservative Design) (Dip.Bdg.Sc.(E.C.D.))
(x) Master of Building Science (M.Bdg.Sc.),
(xi) Doctor of Philosophy (Ph.D.),
(xii) Doctor of Architecture (D.Arch.),
(xiii) Diploma in Architectural Computing (Dip.Arch.Comp.),
(xiv) Diploma in Illumination Design (Dip.Illum.Des.).
(xv) Master of Science (Architecture) (Conservation) (M.Sc.(Arch.)(Cons.)).
(xvi) Master of Land Economy (M.L.E.),
(xvii) Diploma in Land Economy (Dip.L.E.)

BACHELOR OF SCIENCE (ARCHITECTURE); BACHELOR OF ARCHITECTURE; BACHELOR OF LANDSCAPE STUDIES

3. Subject to section 4, a candidate for the degree of Bachelor of Science (Architecture), Bachelor of Architecture or Bachelor of Landscape Studies shall complete the requirements for the degree prescribed by resolution of the Senate on the recommendation of the Academic Board and the Faculty.[1]

4. A candidate who commenced his candidature for the degree of Bachelor of Science (Architecture) or Bachelor of Architecture before 1st January, 1973 shall complete the requirements for the degree under such conditions as may be prescribed by the Faculty on the recommendation of the Head of the School of Undergraduate Studies subject to the authority of the Academic Board and the Senate.

5.-7. [*Repealed.*]

MASTER OF SCIENCE (ARCHITECTURE)

8. An applicant for admission to candidature for the degree of Master of Science (Architecture) shall—

(i) except as provided in Chapter XXVIA of these By-laws, be a graduate of the University of Sydney;
(ii) apply in writing to the Faculty for admission and for approval of a field of study;
(iii) pass a preliminary examination, provided that an applicant who is a Bachelor of Science (Architecture) or Bachelor of Architecture of the University of Sydney with first-class or second-class Honours may be exempted by the Faculty from such examination.

9. The Faculty shall appoint a member of the staff of the University to act as supervisor of the candidate.

10. The degree of Master of Science (Architecture) is awarded in one grade only.

11. A candidate shall lodge a thesis embodying the results of an original investigation by him within the approved field of study.

A candidate shall submit four copies of the thesis (printed or typewritten) to the Registrar before the first day of November in the year preceding that in which he proposes to take his degree. Photostat copies

[1] The Senate has approved an amendment of the by-laws to give effect to the discontinuation of the grade of Principal Tutor.
[2] See Senate Resolutions following Chapter VIII.

[1] See Senate Resolutions this Chapter.

of drawings and diagrams will be accepted. A candidate shall state in his thesis, generally in a preface, and specifically in notes, the sources from which his information was derived, the extent to which he has availed himself of the work of others and the portions of the thesis which he claims as original. He shall not lodge as his thesis any work previously submitted for a degree of this or any other university, but he may incorporate such work in his thesis, provided that he indicates the work so incorporated.

12. The Faculty shall appoint at least two examiners of whom at least one shall be an external examiner. The examiners shall report to the Faculty of Architecture which shall determine the result of the examination.

13. (1) The degree is not conferred until the candidate is a graduate of three years' standing from the examination for the degree qualifying him for admission to candidature unless the candidature has for a period of not less than two years—or for a period of not less than one year in the case of a candidate who either is a Bachelor of Science (Architecture) or Bachelor of Architecture of the University of Sydney with first-class or second-class honours or has been admitted to candidature in accordance with the provisions of Chapter XXVIA, section 2 of these By-laws—engaged in advanced study and research in the University or such other place as the Faculty may approve, when the degree may be conferred on a graduate of two years' standing.

(2) Time spent by the candidate in advanced study and research in the University of Sydney before admission as a candidate may for the purpose of this By-law be deemed by the Faculty to be time spent after such admission.

13A. The Faculty may, on the recommendation of the Head of the Department concerned, terminate the candidature of a candidate who, in the opinion of the Faculty, has not made satisfactory progress towards fulfilling the requirements for the degree.

MASTER OF ARCHITECTURE

14. The degree of Master of Architecture is awarded in one grade only.

15. An applicant for admission as a candidate for the degree shall—

(a) except as provided in Chapter XXVIA of these By-laws, be a Bachelor of Architecture of the University of Sydney;

(b) apply in writing to the Faculty for admission and for approval of a field of study;

(c) pass a preliminary examination, provided that an applicant who is a Bachelor of Architecture of the University of Sydney with first or second class honours may be exempted by the Faculty from such examination.

16. The Faculty shall appoint a member of the staff of the University to act as supervisor of the candidate.

17. A candidate shall lodge a thesis embodying the results of an original investigation by him within the approved field of study.

18. A candidate shall lodge with the Registrar four copies (printed or typewritten) of his thesis not later than the first day of November of the year previous to that in which he is to be examined for the degree. Photostat copies of drawings and diagrams will be accepted. A candidate shall state in his thesis, generally in a preface, and specifically in notes, the sources from which his information was derived, the extent to which he has availed himself of the work of others and the portion of the thesis which he claims as original. He shall not lodge as his thesis any work previously submitted for a degree of this or any other university, but he may incorporate such work in his thesis, provided that he indicates the work so incorporated.

19. (1) The Faculty shall appoint at least two examiners of whom at least one shall be an external examiner.

(2) The examiners shall report to the Faculty of Architecture which shall determine the result of the examination.

20. (1) The degree is not conferred until the candidate is a graduate of three years' standing from the examination for the degree qualifying him for admission to candidature unless the candidate has for a period of not less than two years—or for a period of not less than one year in the case of a candidate who either is a Bachelor of Architecture of the University of Sydney with first or second class honours or has been admitted to candidature in accordance with the provisions of Chapter XXVIA, section 2 (ii) of these By-laws—engaged in advanced study and research in the University or such other place as the Faculty may approve when the degree may be conferred on a graduate of two years' standing.

(2) Time spent by the candidate in advanced study and research in the University of Sydney before admission as a candidate may for the purpose of this By-law be deemed by the Faculty to be time spent after such admission.

21. A candidate admitted under Chapter XXVIA of these By-laws shall possess architectural attainments satisfactory to the Faculty and to the Academic Board.

21A. The Faculty may, on the recommendation of the Head of the Department concerned, terminate the candidature of a candidate who, in the opinion of the Faculty, has not made satisfactory progress towards fulfilling the requirements for the degree.

DIPLOMA IN TOWN AND COUNTRY PLANNING

22. There shall be a Diploma in Town and Country Planning (Dip.T.C.P.).

23. An applicant for admission to candidature shall apply in writing to the Registrar for such admission to candidature.

24. Admission to candidature for the Diploma in Town and Country Planning may be granted to—

(a) graduates of the University of Sydney, or of any other university or college of advanced education approved by the Faculty of Architecture and the Academic Board, who have completed courses acceptable to the Head of the Department; or

(b) persons who possess such qualifications as may be approved from time to time by resolution of the Senate on the recommendation of the Faculty of Architecture and the Academic Board.

25. A candidate shall complete such requirements for the Diploma as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board and the Faculty of Architecture.

26. A candidate who commenced his candidature prior to 1st January, 1976 shall elect either—

(a) to complete the requirements for the Diploma in accordance with the By-laws in force at the time he commenced, provided that he completes those requirements not later than 31st December, 1979, or by such later date as the Faculty may approve; or

(b) to complete the requirements for the Diploma in accordance with these By-laws, in which case he shall be granted such credit as may be approved by the Faculty on the recommendation of the Head of the Department of Town and Country Planning for courses already completed towards the Diploma.

MASTER OF TOWN AND COUNTRY PLANNING

27. There shall be a degree of Master of Town and Country Planning (M.T.C.P.).

28. An applicant for admission to candidature for the degree shall:

(a) except as provided in Chapter XXVIA of these By-laws, be a graduate of the University of Sydney, and

(b) have completed courses acceptable to the Head of the Department of Town and Country Planning.

29. A candidate shall complete such requirements for the degree as may be prescribed from time to time by resolution of the Senate on the recommendation of the Faculty of Architecture and the Academic Board.[1]

30. A candidate who commenced his candidature prior to 1st January, 1973 shall complete the requirements for the degree in accordance with the By-laws then in force provided that, except with the special permission of the Faculty, he completes his candidature before the beginning of the 1976 academic year.

DIPLOMA IN BUILDING SCIENCE

31. There shall be a Diploma in Building Science (Dip.Bdg.Sc.).

32. An applicant for admission to candidature shall apply in writing to the Registrar for such admission to candidature.

33. Admission to candidature for the Diploma in Building Science may be granted to:

(i) graduates of the University of Sydney or of any other University approved by the Faculty of Architecture and the Academic Board who have completed courses acceptable to the Head of the Department, or

(ii) persons who possess one of the following qualifications:

(a) a qualification in Architecture registrable by the Board of Architects of New South Wales;

(b) a Diploma in Engineering of the Sydney Technical College or such other similar qualification as is approved by the Faculty of Architecture and the Academic Board.

34. A candidate shall complete such requirements for the Diploma as may be prescribed by resolution from time to time by the Senate on the recommendation of the Academic Board and the Faculty of Architecture.[1]

35. (1) Except as provided in subsection (2), a candidate who commenced his candidature prior to 1st January, 1972, shall complete the requirements for the Diploma in accordance with the By-laws then in force provided that he completes his candidature before the beginning of the 1975 academic year.

(2) A candidate who commenced his candidature prior to 1st January, 1972, may with the permission of the Faculty proceed in accordance with these By-laws and the Resolutions pursuant to section 34 of these By-laws and may be granted such standing towards the Diploma as the Faculty, on the recommendation of the Head of the Department of Architectural Science, may determine.

DIPLOMA IN BUILDING SCIENCE (ENERGY-CONSERVATIVE DESIGN)

36. There shall be a Diploma in Building Science (Energy-Conservative Design) (Dip.Bdg.Sc.(E.C.D.)).

37. An applicant for admission to candidature shall apply in writing to the Registrar for such admission to candidature.

38. Admission to candidature for the Diploma in Building Science (Energy-Conservative Design) may be granted to:

(a) graduates of the University of Sydney, or of any other University approved by the Faculty of Architecture and the Academic Board, who have completed courses acceptable to the Head of the Department of Architectural Science; or

(b) persons who possess one of the following qualifications:

(i) a qualification in architecture that would entitle a person to be registered as an architect by the Board of Architects of New South Wales; or

(ii) a degree or diploma in engineering of the New South Wales Institute of Technology or such other similar qualification as is approved by the Faculty of Architecture and the Academic Board.

39. A candidate shall complete such requirements for the Diploma as may be prescribed by resolution from time to time by the Senate on the recommendation of the Academic Board and the Faculty of Architecture.[1]

MASTER OF BUILDING SCIENCE

40. There shall be a degree of Master of Building Science (M.Bdg.Sc.).

41. An applicant for admission to candidature shall, except as provided in Chapter XXVIA of these By-laws, have obtained in the University of Sydney the degree of Bachelor of Architecture or Bachelor of Science (Architecture) or Bachelor of Science or Bachelor of Engineering or any other degree acceptable to the Faculty of Architecture.

42. A candidate shall complete such requirements for the degree as may be prescribed by resolution from time to time by the Senate on the recommendation of the Academic Board and the Faculty of Architecture.

43. (1) A candidate who holds only the degree of Bachelor of Science (Architecture) or the degree of Bachelor of Science of the University of Sydney, or an equivalent qualification shall not be admitted to the degree of Master of Building Science until he is of three years' standing from the examination for the degree qualifying him for admission to candidature.

(2) A candidate who holds only the degree of Bachelor of Science (Architecture) with Honours or the degree of Bachelor of Engineering of the University of Sydney or an equivalent qualification shall not be admitted to the degree of Master of Building Science until he is of two years'

[1] See Senate Resolutions this Chapter.

[1] See Senate Resolutions this Chapter.

standing from the examination for the degree qualifying him for admission to candidature.

44. (1) Except as provided in subsection (2), a candidate who commenced his candidature prior to 1st January, 1972, shall complete the requirements for the degree in accordance with the By-laws then in force, provided that he completes the courses prescribed for the degree before the beginning of the 1975 academic year and submits his thesis for examination not later than 10th December, 1976.

(2) A candidate who commenced his candidature prior to 1st January, 1972, may with the permission of the Faculty proceed in accordance with these By-laws and the Resolutions pursuant to section 42 of these By-laws and may be granted such standing towards the degree as the Faculty, on the recommendation of the Head of the Department of Architectural Science, may determine.

DEGREE OF DOCTOR OF PHILOSOPHY

45. The degree of Doctor of Philosophy shall not be conferred except as prescribed in Chapter XIXD.

DEGREE OF DOCTOR OF ARCHITECTURE

46. The degree of Doctor of Architecture shall not be conferred except as prescribed in Chapter XIXB.

DIPLOMA IN ARCHITECTURAL COMPUTING

47. There shall be a Diploma in Architectural Computing (Dip.Arch.Comp.).

48. An applicant for admission to candidature shall apply in writing to the Registrar for such admission to candidature.

49. Admission to candidature for the Diploma in Architectural Computing may be granted to:

(i) graduates of the University of Sydney or of any other University approved by the Faculty of Architecture and the Academic Board who have completed courses acceptable to the Head of the Department of Architectural Science, or

(ii) persons who possess one of the following qualifications:

(a) a qualification in Architecture that would entitle a person to be registered as an architect by the Board of Architects of New South Wales; or

(b) a degree or diploma in engineering of the New South Wales Institute of Technology or such other similar qualification as is approved by the Faculty of Architecture and the Academic Board.

50. A candidate shall complete such requirements for the Diploma as may be prescribed by resolution from time to time by the Senate on the recommendation of the Academic Board and the Faculty of Architecture.

DIPLOMA IN ILLUMINATION DESIGN

51. There shall be a Diploma in Illumination Design (Dip.Illum.Des.).

52. An applicant for admission to candidature shall apply in writing to the Registrar for such admission to candidature.

53. An applicant for admission to candidature for the Diploma in Illumination Design shall—

(a) except as provided in Chapter XXVIA of these By-laws, be a graduate of the University of Sydney; and

(b) have completed courses acceptable to the Head of the Department of Architectural Science.

54. A candidate shall complete such requirements for the Diploma as may be prescribed by resolution from time to time by the Senate on the recommendation of the Academic Board and the Faculty of Architecture.

MASTER OF SCIENCE (ARCHITECTURE) (CONSERVATION)

55. There shall be a degree of Master of Science (Architecture) (Conservation) (M.Sc. (Arch.) (Cons.)).

56. An applicant for admission to candidature for the degree of Master of Science (Architecture) (Conservation) shall—

(a) except as provided in Chapter XXVIA of these By-laws, be a graduate of the University of Sydney;

(b) apply in writing to the Registrar for admission and for approval of a field of study; and

(c) pass a preliminary examination, provided that an applicant who is a Bachelor of Science (Architecture), or Bachelor of Architecture, of the University of Sydney with first class or second class honours may be exempted by the Faculty from such examination.

57. The Faculty shall appoint a member of the staff of the University to act as the supervisor of the candidate.

58. The degree of Master of Science (Architecture) (Conservation) shall be awarded in one grade only.

59. A candidate shall complete such requirements for the degree as may be prescribed by resolution from time to time by the Senate on the recommendation of the Academic Board and the Faculty of Architecture.

60. (1) A candidate shall submit four copies of a thesis to the Registrar.

(2) A copy of a thesis submitted by a candidate in accordance with subsection (1)—

(a) shall be printed or typewritten;

(b) shall embody the results of an original investigation by the candidate in a field of study approved by the Faculty in respect of the candidate;

(c) shall make reference, generally in the preface to the thesis and specifically in the notes to the thesis, to—

(i) the sources from which any information contained in the thesis was derived;

(ii) the extent to which the candidate has made use of the work of other persons;

(iii) the extent to which the candidate has made use of work which forms part of any other thesis previously submitted by the candidate for any degree of this or any other institution; and

(iv) the portions of the thesis that are claimed to be the original work of the candidate;

(d) shall not consist solely of work which forms part of any other thesis previously submitted by the candidate for any degree of this or any other institution; and

(e) shall be accompanied by a certificate from the candidate's supervisor to the effect that the form of presentation of the thesis is, in the opinion of the supervisor, satisfactory.

61. (1) For the examination of a thesis the Faculty shall appoint at least two examiners, of whom at least one shall not be a member of the Faculty.

(2) The examiners shall report to the Faculty which shall determine the result of the examination.

62. The Faculty may, on the recommendation of the Head of the Department concerned, terminate the

candidature of a candidate who, in the opinion of the Faculty, has not made satisfactory progress towards completing the requirements referred to in section 59.

MASTER OF LAND ECONOMY

63. There shall be a degree of Master of Land Economy (M.L.E.)

64. An applicant for admission to candidature for the degree of Master of Land Economy shall—

(a) except as provided in Chapter XXVIA of these By-laws, be a graduate of the University of Sydney;
(b) have completed courses acceptable to the Head of the Department of Town and Country Planning; and
(c) apply in writing to the Registrar for such admission to candidature.

65. A candidate shall complete such requirements for the degree as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board and the Faculty of Architecture.

DIPLOMA IN LAND ECONOMY

66. There shall be a Diploma in Land Economy (Dip.L.E.)

67. An applicant for admission to candidature for the Diploma in Land Economy shall—

(a) except as provided in Chapter XXVIA of these By-laws, be a graduate of the University of Sydney;
(b) have completed courses acceptable to the Head of the Department of Town and Country Planning; and
(c) apply in writing to the Registrar for such admission to candidature.

68. A candidate shall complete such requirements for the Diploma as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board and the Faculty of Architecture.

RESOLUTIONS OF THE SENATE

BACHELOR OF SCIENCE (ARCHITECTURE); BACHELOR OF ARCHITECTURE; BACHELOR OF LANDSCAPE STUDIES

Pursuant to section 3 of Chapter XIX of the By-laws the Senate make the following Resolutions for the degrees of Bachelor of Science (Architecture), Bachelor of Architecture and Bachelor of Landscape Studies:

1. (1) A course shall consist of lectures together with such tutorial instruction, essays, exercises or practical work as may be prescribed by the Faculty on the recommendation of the Head of the Department concerned.

(2) In these Resolutions 'to complete a course' and derivative expressions mean—

(a) to attend the lectures and the meetings, if any for tutorial instruction;
(b) to complete satisfactorily the essays, exercises and the practical work, if any; and
(c) to pass the examinations of the course, if any.

2. A candidate who completes a course at a standard higher than that required for a Pass may be awarded High Distinction, Distinction or Credit.

3. A candidate who has been prevented by duly credited illness or misadventure from completing a course may be required to complete that course or a supplementary course as the Faculty on the recommendation of the Head of the School of Undergraduate Studies shall determine.

4. Unless exempted by the Head of the School a candidate, having failed to complete a course and being permitted to re-enrol, shall complete all the requirements for that course.

5. A candidate who presents himself for re-examination in any course shall not be eligible for any prize or scholarship awarded in connection with such examination.

6. (1) Each course for the degree shall—

(a) be in such subject,
(b) have such unit values, and
(c) have such prerequisites

as are set out in the attached Table.

(2) Notwithstanding subsection (1) the Faculty may on the recommendation of the Head of the School of Undergraduate Studies permit a candidate to enrol in a course or courses other than those specified in this table and, upon completing such a course or courses, to have such units credited towards his degree as the Faculty may determine on the recommendation of the Head of the School of Undergraduate Studies.

(3) A candidate may not count units awarded on completion of a course more than once towards a degree.

(4) For the purpose of these resolutions a prerequisite course means a course which must have been completed prior to a candidate taking a course for which the Faculty has declared it to be a prerequisite; except that the Head of the School of Undergraduate Studies may permit a candidate to proceed to a course without having completed the prerequisite where he considers the candidate has equivalent knowledge.

(5) Where a course for the degree is no longer available a candidate shall be required to complete such other course or courses as the Faculty may prescribe on the recommendation of the Head of the School of Undergraduate Studies.

(6) A candidate may with the permission of the Faculty on the recommendation of the Head of the School of Undergraduate Studies receive credit for courses previously completed at the University of Sydney or elsewhere and courses so credited will have such unit values as may be determined by the Faculty on the recommendation of the Head of the School of Undergraduate Studies.

(7) A candidate may take in one year courses whose total unit value exceeds 50 units only with the approval of the Head of the School of Undergraduate Studies, provided that no candidate may take in any one year courses whose total unit value exceeds 55 units.

(8) If in the opinion of the Faculty any change of the Resolutions relating to the requirements for the degrees of Bachelor of Science (Architecture) or Bachelor of Architecture acts to the prejudice of a candidate, that candidate may complete his candidature under such conditions as may be prescribed by the Faculty on the recommendation of the Head of the School of Undergraduate Studies subject to the authority of the Academic Board and the Senate.

Bachelor of Science (Architecture)[1]

7. An applicant for admission to candidature for the degree of Bachelor of Science (Architecture) shall, before such admission, produce evidence of having

[1] A candidate who intends to proceed to the degree of Bachelor of Architecture upon completing the requirements for the degree of Bachelor of Science (Architecture) should take account of sections 19 and 20 of these Resolutions in determining his course of study.

matriculated in accordance with Chapter XX of the By-laws.

8. The degree shall be awarded in two grades, namely the Pass degree and the Honours degree.

Pass Degree

9. (1) A candidate to be eligible for the award of the degree shall have completed courses of total unit value of at least 135 units.

(2) A candidate for the degree shall complete the following courses:

C01.101 History and Theory of Environmental Design
C02.115 Introduction to Man-Environment Studies
C02.208 Introductory Mathematics
C02.314 Principles of Environmental Science and Technology
C03.101 Introduction to Structures
C03.205 Construction Practice I
C04.101 Design I
C04.102 Design II
C05.110 Communications

Provided that a candidate may complete instead of any course listed above such other course as the Head of the School of Undergraduate Studies may approve.

10. A candidate who has completed a course shall have units credited towards the completion of the degree in accordance with the following Table:

[*Continued following table*]

TABLE OF COURSES FOR THE DEGREE OF BACHELOR OF SCIENCE (ARCHITECTURE) [*See Resolutions 6 and 10*]

(a) Area	(b) Course number	(c) Course title	(d) Unit value	(e) Prerequisite
Design History and Theory	C01.101	History and Theory of Environmental Design	6	—
	C01.102	History of Landscape Design	2	C01.101
	C01.104	History of Australian Landscape Design	2	C01.102
	C01.105	Art History	2	—
	C01.107	Nineteenth Century Architecture in Australia	3	C01.101
	C01.109	Theatre Design and History	3	C01.101
	C01.110	History of Building Science A	2	—
	C01.111	History Elective A	2	C01.101
	C01.112	History Elective B	3	C01.101
	C01.113	Oriental Art and Architecture A	3	C01.101
	C01.114	Oriental Art and Architecture B	3	C01.101
	C01.115	Principles of Romantic Design	3	C01.101
	C01.118	Contemporary Design	3	C01.101
	C01.119	Baroque and Renaissance Design	3	C01.101
	C01.120	History of Urban Design A	3	C01.101
	C01.121	History of Urban Design B	3	C01.101
	C01.122	The Modern Movement in Architecture	3	C01.101
	C01.123	History Elective C	3	C01.101
	C01.124	Twentieth Century Architecture in Australia pre-1940	3	C01.101
	C01.125	Twentieth Century Architecture in Australia post-1940	3	C01.101
	C01.204	Introduction to Management	2	—
	C01.207	Theory of Architecture	3	—
	C01.208	Legal Aspects of Design Practice	2	C01.204
	C01.212	Building Contract Law	2	C01.208
	C01.213	Information and Documentation Theory	2	—
Environmental Sciences	C02.107	Urban Ecology	3	C02.115
	C02.108	Urban Theory	3	C02.115
	C02.109	Man-Environment Studies I	4	C02.115
	C02.110	Man-Environment Studies II	4	C02.115
	C02.111	Man-Environment Studies III	4	C02.115
	C02.112	Man-Environment Studies Elective A	2	C02.115
	C02.113	Man-Environment Studies Elective B	3	C02.115
	C02.114	Man-Environment Studies Elective C	4	C02.115
	C02.115	Introduction to Man-Environment Studies	5	—
	C02.116	Environmental Horticulture	1	—
	C02.205	Calculus and Solid Geometry	2	C02.208
	C02.206	Matrix Algebra and Numerical Methods	2	C02.208
	C02.207	Statistics	2	C02.208
	C02.208	Introductory Mathematics	3	
	C02.314	Principles of Environmental Science and Technology	5	—
	C02.315	Applications of Environmental Science and Technology	5	C02.314
	C02.316	Energy and Buildings	2	C02.314
Materials Structures and Methods	C03.301	Introduction to Structures	4	—
	C03.302	Principles of Structural Design	3	C02.205 C03.301
	C03.303	Structural Steel Design	2	C03.302
	C03.304	Reinforced Concrete in Buildings	2	C03.302
	C03.305	Reinforced Concrete Design	2	C03.304
	C03.306	Mechanics of Materials	2	C03.302 C03.311
	C03.307	Design of Timber and Masonry Structures	2	C03.302
	C03.310	Materials Science	2	—
	C03.311	Structural Materials	2	—
	C03.318	Introduction to Computers in Architecture	2	—
	C03.319	Computers in Architecture I	2	C03.318
	C03.321	Computers in Architecture II	4	C03.319

(a) Area	(b) Course number	(c) Course title	(d) Unit value	(e) Prerequisite
	C03.323	Computer Problem Solving	2	C02.206 C03.318
	C03.324	Computer Graphics in Architecture	4	C03.319
	C03.205	Construction Practice I	3	—
	C03.210	Cost Planning and Control	2	—
	C03.214	Materials and Methods I	4	—
	C03.215	Building Fabric Performance and Selection	3	—
	C03.216	The Building Industry in Australia	2	—
	C03.217	Construction Practice II	2	C03.205
	C03.218	Construction Practice III	3	—
Design	C04.101	Design I	15	—
	C04.102	Design II	15	C04.101
	C04.103	Design III	15	C04.102
General	C05.101	Art I	2	—
	C05.102	Art II	2	—
	C05.103	Art III	2	—
	C05.104	Art IV	2	—
	C05.105	Art V	2	—
	C05.106	Art VI	2	—
	C05.107	Art VII	2	—
	C05.108	Art VIII	2	—
	C05.109	Art IX	2	—
	C05.110	Communications	4	—
	C05.112	General Elective A	3	—
	C05.113	General Elective B	3	—
	C05.114	General Elective C	3	—
	C05.115	APL Programming in Architecture	2	C03.318
	C05.116	General Elective D	2	—
	C05.117	General Elective E	2	—
	C05.118	General Elective F	2	—
	C05.119	Basic Drawing	3	—
	C05.120	Working Drawing	3	C05.119

Honours degree

11. An applicant for admission to candidature for the degree with Honours shall—

(a) except with the permission of the Faculty be of not more than three years' standing as a candidate for the Pass degree.

(b) Have qualified for the award of the Pass degree, and

(c) be considered by the Head of the School of Undergraduate Studies to have requisite knowledge and aptitude.

12. A candidate for the Honours degree shall, in the year subsequent to qualifying for the award of the Pass degree, present a thesis on a subject approved by the Head of the School of Undergraduate Studies.

13. (1) There shall be three classes of Honours, namely, Class I, Class II and Class III and within Class II there shall be two divisions, namely Division 1 and Division 2.

(2) The candidate who shall have most distinguished himself at the final examination shall, if he has obtained Honours Class I and in the opinion of the Faculty possesses sufficient merit, receive a bronze medal.

(3) Except with the special permission of the Faculty, no candidate who is of more than four years' standing as a candidate for the degree shall be awarded Honours at graduation.

Bachelor of Architecture

14. (1) An applicant for admission to candidature for the degree of Bachelor of Architecture shall have completed all the requirements for the degree of Bachelor of Science (Architecture) in the University of Sydney or such other degree of the University of Sydney as the Faculty of Architecture may approve or possess such equivalent standing as may be approved by the Academic Board on the recommendation of the Faculty and the Head of the School of Undergraduate Studies.

(2) The Academic Board will regard an applicant for admission to candidature as possessing equivalent standing within the meaning of Resolution 14(1) if the applicant has completed studies and has experience that together provide the applicant with a standard of knowledge equivalent to the standard of knowledge required of an applicant who has completed all the requirements for the degree of Bachelor of Science (Architecture) or such other degree of the University of Sydney as the Faculty of Architecture may approve.

15. The degree shall be awarded in two grades, namely, the Pass degree and the Honours degree.

Pass degree

16. (1) A candidate to be eligible for the award of the degree shall have completed courses of total unit value of at least 90 units.

(2) A candidate for the degree shall, before undertaking courses in accordance with subsection (3), have completed courses as prescribed in Section 19.

(3) Subject to subsection (2), a candidate shall complete—

(a) courses from the following areas of study with total unit values of at least 6 units from each area:
  (i) Programming and Human Factors
  (ii) Environmental Physics and Building Services
  (iii) Building Structures and Materials

(b) the following courses—
  C14.113 Construction of Complex Buildings
  C15.207 Contract Management Practice
  C16.101 Architectural Design I
  C16.102 Architectural Design II

provided that the Head of the School of Undergraduate Studies may, in special circumstances, reduce the minimum number of units prescribed in any area listed in (a) above, and further provided that a candidate may, in special circumstances, complete instead of any course listed in (b) above such other course or courses as the Head of the School of Undergraduate Studies may approve.

17. A candidate who has completed a course shall have units credited towards the completion of the degree in accordance with the following table:

TABLE OF COURSES FOR THE DEGREE OF BACHELOR OF ARCHITECTURE [*See Resolution 17*]

(a) Area	(b) Course number	(c) Course title	(d) Unit value	(e) Prerequisite
Programming and Human Factors	C02.116	Environmental Horticulture	1	—
	C11.101	Master Programming Procedures and Application	4	—
	C11.103	Master Planning Procedures and Application	4	—
	C11.109	Building Design Practice	3	—
	C11.206	Man-Environment Studies Elective A	2	—
	C11.207	Man-Environment Studies Elective B	3	—
	C11.208	Man-Environment Studies Elective C	4	—
	C11.209	Applied Man-Environment Studies	6	—
	C11.210	Applied Environmental Sciences	4	—
Environmental Physics and Building Services	C12.102	Energy Systems	2	—
	C12.105	Fire and Security Systems	2	—
	C12.106	Communications Systems	2	—
	C12.107	Computers in Building Services	2	C03.318 C12.115
	C12.108	Thermal Properties of Building	2	C02.315
	C12.110	Acoustics	2	C02.315
	C12.113	Wind Effects on Buildings	2	—
	C12.114	Sun Control and Solar Energy	2	—
	C12.115	Services for Large Buildings A	3	—
	C12.116	Services for Large Buildings B	3	C12.115
	C12.120	Introduction to Lighting Design	2	C02.315
	C12.121	Interior Lighting Design I	2	C02.315
	C12.122	Interior Lighting Design II	2	C12.121
	C12.201	Environmental Physics and Building Services Elective A	3	—
	C12.202	Environmental Physics and Building Services Elective B	3	—
Building Structures and Materials	C13.101	Building Materials	2	—
	C13.102	Structures and Foundations for Buildings	3	—
	C13.104	Advanced Concrete Design	3	C03.304
	C13.105	Complex Structures	2	—
	C13.107	Model Analysis	3	—
	C13.108	Computers in Structures	2	C03.319 C13.102
	C13.109	Experimental Structures	4	C13.107
	C13.110	Selection of Structural Form	2	C03.302
	C13.111	Structural and Environmental Systems	2	—
	C13.201	Building Structures and Materials Elective A	3	—
	C13.202	Building Structures and Materials Elective B	3	—

(a) Area	(b) Course number	(c) Course title	(d) Unit value	(e) Prerequisite
Building Technology and Economics	C03.210	Cost Planning and Control	2	—
	C03.216	The Building Industry in Australia	2	—
	C14.105	Building Technology Elective A	3	—
	C14.106	Building Technology Elective B	3	—
	C14.109	Materials and Methods II	4	—
	C14.110	Cost Studies	3	C03.210
	C14.111	Component Building	6	—
	C14.113	Construction of Complex Buildings	6	—
Management and Communications	C01.212	Building Contract Law	2	—
	C01.213	Information and Documentation Theory	2	—
	C15.205	Management Communication	3	—
	C15.206	Architectural Office Management	3	—
	C15.207	Contract Management Practice	6	—
	C15.208	Management Elective A	3	—
	C15.209	Management Elective B	3	—
Architectural Design	C16.101	Architectural Design I	15	—
	C16.102	Architectural Design II	15	C16.101
General	C03.321	Computers in Architecture II	4	C03.319
	C05.115	APL Programming in Architecture	2	C03.319
	C17.101	Natural Sciences I	2	—
	C17.102	Natural Sciences II	2	—
	C17.103	Natural Sciences III	2	—
	C17.104	Natural Sciences IV	2	C17.101
	C17.105	Systems and Models in Architectural Design	2	—
	C17.108	Modern Problem Solving Techniques	4	—
	C17.109	Computers in Architecture III	4	C03.321
	C17.110	Building for the Church	2	—
	C17.111	Computer Graphics in Architecture	4	C03.319
	C17.112	Hospital and Public Health Facility Design	2	—
	C17.113	Art X	2	—
	C17.114	Art XI	2	—
	C17.115	Art XII	2	—
	C17.116	Art XIII	2	—
	C17.117	Art XIV	2	—
	C17.118	Art XV	2	—
	C17.201	General Elective A	3	—
	C17.202	General Elective B	3	—
	C17.203	General Elective C	3	—
	C17.204	General Elective D	2	—
	C17.205	General Elective E	2	—
	C17.206	General Elective F	2	—
History of Architecture	C01.107	Nineteenth Century Architecture in Australia	3	C01.101
	C01.109	Theatre Design and History	3	C01.101
	C01.110	History of Building Science A	2	—
	C01.113	Oriental Art and Architecture A	3	C01.101
	C01.114	Oriental Art and Architecture B	3	C01.101
	C01.115	Principles of Romantic Design	3	C01.101
	C01.118	Contemporary Design	3	C01.101
	C01.119	Baroque and Renaissance Design	3	C01.101
	C01.120	History of Urban Design A	3	—
	C01.121	History of Urban Design B	3	—
	C01.122	The Modern Movement in Architecture	3	—
	C01.124	Twentieth Century Architecture in Australia pre-1940	3	C01.101
	C01.125	Twentieth Century Architecture in Australia post-1940	3	C01.101
	C18.101	Conservation and Restoration Programme	9	C01.101
	C18.102	History of Building Science B	2	—
Course of Advanced Study	C19.101	Advanced Study Report I	6	—
	C19.102	Advanced Study Report II	6	—
	C19.103	Advanced Study Report III	6	—
	C19.104	Advanced Study Report IV	6	—

18. A candidate for the degree shall before enrolling for any of the courses for the degree, *either*—

(a) obtain not less than 200 working days' practical experience in an architecture office or offices or in employment approved by the Head of the School of Undergraduate Studies and present a report on that experience to that Head, or

(b) complete a programme comprising one or more of the following:

study
travel
research
practical experience in employment

as approved by the Head of the School of Undergraduate Studies and present a report on that programme to that Head,

provided that in special circumstances a candidate may be permitted by the Faculty on the recommendation of the Head of the School of Undergraduate Studies, to complete this requirement at a time other than prior to enrolling for any of the courses for the degree and further provided that a candidate who has completed all the requirements for the Honours degree of Bachelor of Science (Architecture) of the University of Sydney or such equivalent qualifications as may be approved by the Faculty of Architecture and the Academic Board may be exempted from this requirement.

19. Except with the permission of the Head of the School of Undergraduate Studies a candidate proceeding from the degree of Bachelor of Science (Architecture) to the degree of Bachelor of Architecture, shall before enrolling for any of the courses for the degree, have completed—

(a) the following courses which are listed in the table of courses for the Bachelor of Science (Architecture) degree—

C01.204 Introduction to Management
C01.208 Legal Aspects of Design Practice
C02.207 Statistics
C02.208 Introductory Mathematics
C02.314 Principles of Environmental Science and Technology
C02.315 Applications of Environmental Science and Technology
C03.215 Building Fabric Performance and Selection
C03.217 Construction Practice II
C03.301 Introduction to Structures
C03.302 Principles of Structural Design

(b) courses of a total unit value of at least 6 units selected from the following courses—

C03.303 Structural Steel Design
C03.304 Reinforced Concrete in Buildings
C03.305 Reinforced Concrete Design
C03.306 Mechanics of Materials
C03.310 Materials Science
C03.311 Structural Materials
C03.318 Introduction to Computers in Architecture
C03.323 Computer Problem Solving

20. A candidate proceeding from the degree of Bachelor of Science (Architecture) to the degree of Bachelor of Architecture shall, before enrolling as a candidate for the degree, have completed the course C04.103 Design III, provided that in special circumstances a candidate may be exempted from this requirement with the approval of the Faculty on the recommendation of the Head of the School of Undergraduate Studies.

21. (a) A candidate may enrol in the following courses only with the special permission of the Head of the School of Undergraduate Studies:

C19.101 Advanced Study Report I
C19.102 Advanced Study Report II
C19.103 Advanced Study Report III
C19.104 Advanced Study Report IV

(b) except with the permission of the Head of the School of Undergraduate Studies a candidate for the degree may not enrol in any of the courses listed in subsection (a) above later than the end of Lent Term of the year in which it is intended to take the course.

Honours degree

22. Except with the special permission of the Faculty, no candidate who is of more than three years' standing as a candidate for the degree may be awarded Honours at graduation.

23. (1) There shall be two classes of Honours, namely Class I and Class II and within Class II there shall be two divisions, namely Division 1 and Division 2.

(2) The award of Honours at graduation shall depend upon the proficiency shown by a candidate in completing the courses for the degree and in completing such specific courses, if any, as may be determined by the Faculty of Architecture.

(3) The candidate who shall have most distinguished himself at the final examination shall, if he has obtained Honours Class I and in the opinion of the Faculty possesses sufficient merit, receive a bronze medal.

BACHELOR OF LANDSCAPE STUDIES

24. (1) An applicant for admission to candidature for the degree of Bachelor of Landscape Studies shall have completed all the requirements for the degree of Bachelor of Science (Architecture) in the University of Sydney or such other degree of the University of Sydney as the Faculty of Architecture may approve or possess such equivalent standing as may be approved by the Academic Board on the recommendation of the Faculty and the Head of the School of Undergraduate Studies.

(2) The Academic Board will regard an applicant for admission to candidature as possessing equivalent standing within the meaning of Resolution 24(1) if the applicant has completed studies and has experience that together provide the applicant with a standard of knowledge equivalent to the standard of knowledge required of an applicant who has completed all the requirements for the degree of Bachelor of Science (Architecture) or such other degree of the University of Sydney as the Faculty of Architecture may approve.

25. The degree shall be awarded in two grades, namely the Pass degree and the Honours degree.

26. A candidate to be eligible for the award of the degree shall have completed—

(a) practical experience or an approved programme as prescribed in Resolution 27;

(b) the prerequisite courses prescribed in Resolution 28 if applicable;

(c) courses as prescribed in Resolution 29 of a total unit value of at least 90 units.

27. (1) Except as provided in sections (2) and (3) a candidate for the degree before enrolling in any of the courses prescribed in Resolution 29 shall—

(a) have completed the course Biology I or have been granted credit for or exemption from that course; and
(b) either
(i) obtain not less than 200 working days' practical experience in a professional landscape office or in other such employment approved by the Head of the School of Undergraduate Studies and present a report on that experience to the Head of the School of Undergraduate Studies; or
(ii) complete a programme approved by the Head of the School of Undergraduate Studies comprising one or more of study, travel, research and practical experience in employment and present a report on it to the Head of the School of Undergraduate Studies.

(2) In special circumstances a candidate may be permitted by the Faculty, on the recommendation of the Head of the School of Undergraduate Studies, to complete the requirements of section (1) after enrolling in any of the courses prescribed in Resolution 29.

(3) A candidate who has completed the requirements for the Honours degree of Bachelor of Science (Architecture) in the University of Sydney or who holds qualifications considered by the Faculty for this purpose to be equivalent may be exempted by the Faculty from the requirements of section (1) (b).

28. A candidate not proceeding from the degree of Bachelor of Science (Architecture) before enrolling in any of the courses prescribed in Resolution 29 may be required by the Faculty, on the recommendation of the Head of the School of Undergraduate Studies, to complete—
(a) the following courses from amongst those listed in the table of courses for the degree of Bachelor of Science (Architecture) in Resolution 10:
C04.101 Design I
C05.110 Communications
(b) such other courses as the Faculty, on the recommendation of the Head of the School of Undergraduate Studies, may prescribe.

29. (1) Except as provided in sections (2) and (3) a candidate shall complete courses of a total unit value of at least 90 units as follows—
(a) the courses set out in Table A;
(b) additional courses selected from those listed in Table B.

(2) In special circumstances, the Head of the School of Undergraduate Studies may reduce or increase the number of courses included in Table B.

(3) In special circumstances a candidate may be permitted by the Head of the School of Undergraduate Studies to complete instead of any course listed in Table B, another course, except that a candidate will not be give permission under this section to enrol in any of the following courses later than the last day of Lent Term in the year in which the candidate wishes to complete the course—
C70.801 Advanced Study Report I
C70.802 Advanced Study Report II
C70.803 Advanced Study Report III

TABLE A [*See Resolution 29*]

(a) Area	(b) Course number	(c) Course title	(d) Unit value
History of Landscape Design	C70.101	The 20th Century Landscape Movement	2
	C01.102	History of Landscape Design	2
	C01.104	History of Australian Landscape Design	2
Landscape Theory/ Practice	C70.201	Theory and Practice of Landscape Design	2
Environmental Studies	C70.301	Environmental Perception	4
	C70.302	Environmental Philosophy/Ethics	2
Landscape Assessment	C70.401	Landscape Assessment	4
Landscape Technology	C70.501	Landscape Construction	2
	C70.502	Planting Design	4
Planning Law	C30.011	Planning and Environmental Law I	4
Field Courses	C70.601	Landscape Field Course I	4
	C70.602	Landscape Field Course IIA or	5
	C70.603	Landscape Field Course IIB	
Landscape Design	C70.701	Landscape Design I	15
	C70.702	Landscape Design IIA or	15
	C70.703	Landscape Design IIB	

TABLE B [*See Resolution 29*]

(a) Area	(b) Course number	(c) Course title	(d) Unit value
Botanical Sciences		Biology IIJ Aux.	9
		Horticultural Botany (Modif.)	2
		Environmental Horticulture (Modif.)[1]	2
		Vegetation Analysis (Horticulture)	2
Land Management		Agronomy — Land Use*	3
		Coastal Land Management (Geog.)	4
		Arid Land Management (Geog.)	4
		Agricultural Land Management (Geog.)	4
Geography		Geography IA	9
		Advanced Historical Geography	4
Soil Science		Soil Science I Aux.	9
		Soil Science II (Agric.)	4
Environmental Studies	C02.109	Man-Environment Studies I	4
	C02.110	Man-Environment Studies II	4
	C02.111	Man-Environment Studies III	4
	C02.112	Man-Environment Elective A	2
	C02.113	Man-Environment Elective B	3
	C02.114	Man-Environment Elective C	4
Advanced Studies	C70.801	Advanced Study Report I	6
	C70.802	Advanced Study Report II	6
	C70.803	Advanced Study Report III	6
Management	C15.207	Contract Management Practice	6
	C15.206	Architectural Office Management	3
Planning	C30.001	Statistics for Planning	2
	C30.002	Mathematics for Planning	
	C30.010	Introduction to Planning	4
	C30.012	Economic Theory in Planning I	4
	C30.013	Planning Methods	4
	C30.014	Evolution of Development Concepts	2
	C30.015	Planning Theory and Practice	2

[1] Horticultural Botany is a prerequisite.
* Corequisite with Soil Science I (Aux.)

Honours degree

30. Except with the permission of the Faculty, a candidate who is of more than three years' standing as a candidate for the degree may not be awarded Honours at graduation.

31. (1) There shall be two classes of Honours, namely Class I and Class II and within Class II there shall be two divisions, namely Division I and Division 2.

(2) The award of Honours at graduation shall depend on the proficiency shown by a candidate in completing the courses for the degree and in completing such specific courses, if any, as may be determined by the Faculty of Architecture.

(3) The candidate who has most distinguished himself at the final examination shall, if he has obtained First Class Honours and in the opinion of the Faculty his work has shown sufficient merit, receive a bronze medal.

DIPLOMA IN TOWN AND COUNTRY PLANNING

Pursuant to Section 25 of Chapter XIX of the By-laws, the following Resolutions governing candidature for the Diploma in Town and Country Planning have been prescribed by the Senate:

1. Admission to candidature for the Diploma in Town and Country Planning may be granted to persons who possess one of the following qualifications:

(i) The Diploma in Civil Engineering or in Local Government Engineering of the Sydney Technical College or other technical college or similar standing approved by the Faculty of Architecture and the Academic Board.

(ii) The Municipal Engineers' Certificate issued by the Department of Local Government of New South Wales or such other similar qualifications as are approved by the Faculty of Architecture and the Academic Board.

(iii) A qualification in Architecture registrable by the Board of Architects of New South Wales.

(iv) The licence or certificate of registration issued by the Board of Surveyors of New South Wales or such other similar qualifications as are approved by the Faculty of Architecture and the Academic Board.
(v) The Associate Membership of the Australian Institute of Valuers or such other similar qualifications as are approved by the Faculty of Architecture and the Academic Board.

2. Subject to section 5 (6) a candidate for the Diploma in Town and Country Planning shall proceed by coursework and advanced study.

3. (1) Coursework shall consist of lectures and seminars together with such tutorial instruction, essays, exercises, practical work and assignments as may be prescribed by the Faculty on the recommendation of the Head of the Department of Town and Country Planning.
(2) Advanced study shall consist of such research seminars, literature reviews, practical and field work as may be prescribed by the Faculty on the recommendation of the Head of the Department of Town and Country Planning.

4. A candidate shall—
(a) enrol in each year in accordance with the procedure prescribed by the Faculty;
(b) attend the lectures, tutorials and seminar sessions as may be prescribed by the Head of the Department of Town and Country Planning for each course; and
(c) complete satisfactorily such written and oral class examinations, exercises and essays as may be prescribed for each course.

5. (1) Subject to subsections (6), (7), (8) and (9), a candidate for the Diploma shall undertake coursework and courses of advanced study selected from among the following subject areas—
Foundation Studies in Planning
History and Practice of Urban and Regional Planning
Methodologies for Planning
Environmental and Physical Planning
Economic Policy and Planning
Social Policy and Planning
Development Planning
General
(2) Coursework and courses of advanced study for the Diploma shall—
(a) be in such subjects;
(b) have such unit values;
(c) have such prerequisites; and
(d) be subject to such conditions,
as may be prescribed by the Faculty on the recommendation of the Head of the Department of Town and Country Planning.
(3) A candidate shall receive credit for courses completed on the basis of one unit for the equivalent of nine hours of lectures extending over one academic term together with appropriate practical work and assignments.
(4) A candidate may not count units awarded on completion of a course more than once towards the Diploma.
(5) For the purpose of these resolutions a prerequisite course means a course which must have been completed by a candidate prior to that candidate taking a course for which the Faculty has declared it to be a prerequisite, provided that the Head of the Department of Town and Country Planning may permit a candidate to proceed to a course without having completed the prerequisite where he considers the candidate has equivalent knowledge.
(6) A candidate shall be eligible for the award of the Diploma when the number of units credited is at least 56 units which shall include at least 8 units credited for completion of courses of advanced study.
(7) Except with the permission of the Faculty on the recommendation of the Head of the Department of Town and Country Planning, a candidate may not enrol in any one year for more than 40 units.
(8) A candidate, who has previously completed at the University of Sydney or at another University or at any other Institution as may be approved from time to time by the Faculty, work considered by the Faculty to be equivalent to courses prescribed for the diploma, may receive credit towards satisfying the requirements for the diploma for all or part of this work; provided that where such work previously completed has been credited towards the award of another degree, diploma or qualification of the University of Sydney or any other Institution, this credit shall only be granted where the Faculty, on the recommendation of the Head of the Department of Town and Country Planning deem there to be exceptional circumstances applicable.
(9) A candidate may—
(a) with the permission of the Faculty on the recommendation of the Head of the Department of Town and Country Planning, enrol in a course or courses prescribed for such other degree or diploma of the University of Sydney, or of such other Institution as may be approved by the Faculty, provided that such permission shall be given only if the course is deemed to be of an appropriate standard; and
(b) upon satisfactorily completing such course or courses be granted credit towards his Diploma for such units as the Faculty may determine.

6. The Faculty may, on the recommendation of the Head of the Department of Town and Country Planning, terminate the candidature of a candidate who in the opinion of the Faculty has not made satisfactory progress towards fulfilling the requirements for the Diploma.

MASTER OF TOWN AND COUNTRY PLANNING

In accordance with Chapter XIX, section 29 of the By-laws, the following Resolutions governing candidature for the degree of Master of Town and Country Planning have been prescribed by the Senate:

1. Subject to section 4 (6), a candidate for the degree of Master of Town and Country Planning shall proceed—
(a) by coursework and advanced study;
(b) by coursework, advanced study and thesis; or
(c) by coursework and thesis.

2. (1) Coursework shall consist of lectures and seminars together with such tutorial instruction, essays, exercises, practical work and assignments as may be prescribed by the Faculty on the recommendation of the Head of the Department of Town and Country Planning.
(2) Advanced study shall consist of such research seminars, literature reviews, practical and field work as may be prescribed by the Faculty on the recommendation of the Head of the Department of Town and Country Planning.

3. (1) a candidate shall:
(i) enrol in each year in accordance with the procedure prescribed by the Faculty;
(ii) attend the lectures, tutorials and seminar sessions prescribed by the Head of the Department of Town and Country Planning for each course;
(iii) complete satisfactorily such written and oral class examinations, exercises and essays as may be prescribed for each course.
(2) A candidate who does not satisfy the requirements set out in (ii) above may be refused permission by the Head of the Department of Town and Country Planning to present himself for an examination.

4. (1) Subject to subsections (6), (7), (8) and (9), a candidate for the Degree shall undertake coursework and courses of advanced study selected from among the following subject areas—
Foundation Studies in Planning
History and Practice of Urban and Regional Planning
Methodologies for Planning
Environmental and Physical Planning
Economic Policy and Planning
Social Policy and Planning
Development Planning
General
(2) Coursework and courses of advanced study for the degree shall—
(a) be in such subject;
(b) have such unit values;
(c) have such prerequisites; and
(d) be subject to such conditions,
as may be prescribed by the Faculty on the recommendation of the Head of the Department of Town and Country Planning.
(3) A candidate shall receive credit for courses completed on the basis of one unit for the equivalent of nine hours of lectures extending over one academic term together with appropriate practical work and assignments.
(4) A candidate may not count units awarded on completion of a course more than once towards the degree.
(5) For the purpose of these Resolutions a prerequisite course means a course which must have been completed by a candidate prior to that candidate taking a course for which the Faculty has declared it to be a prerequisite, provided that the Head of the Department of Town and Country Planning may permit a candidate to proceed to a course without having completed the prerequisite where he considers the candidate has equivalent knowledge.
(6) A candidate shall be eligible for the award of the degree when the number of units credited towards the degree is at least 64 units which shall include:
(a) at least 16 units credited for completion of courses of advanced study; or
(b) 24 units credited for completion of a thesis.
(7) Except with the permission of the Faculty on the recommendation of the Head of the Department of Town and Country Planning, a candidate may not enrol in any one year for more than 40 units.
(8) A candidate, who has previously completed at the University of Sydney or at another University or at any other Institution as may be approved from time to time by the Faculty, work considered by the Faculty to be equivalent to courses prescribed for the degree, may receive credit towards the requirements for the degree for all or part of this work; provided that where such work previously completed has been credited towards the award of another degree, diploma or qualification of the University of Sydney or any other Institution, this credit shall only be granted where the Faculty, on the recommendation of the Head of the Department of Town and Country Planning deem there to be exceptional circumstances applicable.
(9) A candidate may—
(a) with the permission of the Faculty on the recommendation of the Head of the Department of Town and Country Planning, enrol in a course or courses prescribed for such other degree or diploma of the University of Sydney, or of such other Institution as may be approved by the Faculty, provided that such permission shall be given only if the course is deemed to be of an appropriate standard; and
(b) upon satisfactorily completing such course or courses be granted credit towards his Degree for such units as the Faculty may determine.

5. (1) A candidate proceeding in accordance with section 1 (b) or (c) shall:
(i) be supervised in the preparation of his thesis by a member of the staff of the University appointed by the Faculty of Architecture for that purpose;
(ii) submit four copies of the thesis (printed or typewritten and suitably bound) to the Registrar before the first of November in the year preceding that in which he proposes to take the degree;
(iii) state in his thesis, generally in a preface, and specifically in notes, the sources from which his information was derived and the extent to which he availed himself of the work of others;
(iv) not lodge as his thesis any work previously submitted for a degree in this or any other university, but he may incorporate such work in his thesis, provided that he indicates the work so incorporated.
(2) For the examination of the thesis, the Faculty of Architecture shall appoint at least two examiners, one of whom shall not be a member of the Faculty. The examiners shall report to the Faculty which shall determine the results of the examination.

6. The Faculty may, on the recommendation of the Head of the Department of Town and Country Planning, terminate the candidature of a candidate who in

the opinion of the Faculty, has not made satisfactory progress towards fulfilling the requirements for the degree.

7. A candidate who commenced his candidature prior to 1st January, 1976 shall elect either—

(a) to complete the requirements for the degree in accordance with the requirements in force at the time he commenced, provided that he completes those requirements not later than 31st December, 1979, or by such later date as the Faculty may approve; or

(b) to complete the requirements for the degree in accordance with these Resolutions, in which case he shall be granted such credit as may be approved by the Faculty on the recommendation of the Head of the Department of Town and Country Planning for courses already completed towards the degree.

DIPLOMA IN BUILDING SCIENCE

In accordance with Chapter XIX, section 34 of the By-laws the following Resolutions covering candidature for the Diploma in Building Science have been prescribed by the Senate:

1. A candidate for the Diploma in Building Science shall

(i) enrol each year in accordance with the procedures prescribed by the Faculty;

(ii) attend the lectures, seminars and tutorial sessions appropriate to a course of advanced study arranged in consultation with the Head of the Department of Architectural Science and approved by the Faculty of Architecture;

(iii) pass the examinations appropriate to his course of advanced study in the order approved by the Head of the Department of Architectural Science; and

(iv) complete such practical work as may be prescribed by the Head of the Department of Architectural Science.

A candidate who does not satisfy the requirements set out in (i), (ii) and (iv) above may be refused permission by the Head of the Department of Architectural Science to present himself for an examination.

2. (1) Except as provided in subsection (3) a candidate for the Diploma shall select his courses from the following subject areas:

General
History of Building Science
Architectural Structures
Building Materials
Mathematical Methods
Building Construction
Man and Environment
Building Economics and Management
Building Energy Systems
Computers
Operations Research
Methodology
Illumination

(2) A candidate who satisfies the requirements of section 1 shall receive credit for a course selected from the subject areas in subsection (1) on the basis of one unit for nine lectures extending over one academic term together with appropriate practical work.

(3) A candidate may—

(a) with the permission of the Faculty on the recommendation of the Head of the Department of Architectural Science, enrol in a course or courses prescribed for such degree or other diploma of the University of Sydney or of such other institution as may be approved by the Faculty, provided that such permission shall be given only if the course is deemed to be of an appropriate standard; and

(b) upon satisfactorily completing such course or courses, be granted credit towards the diploma for such units, not exceeding 18 units, as the Faculty may determine.

(4) A candidate may with the permission of the Faculty on the recommendation of the Head of the Department of Architectural Science receive credit for up to sixteen units for work previously completed at the University of Sydney or elsewhere, provided such work falls within the subject areas in subsection (1).

3. A candidate shall be eligible for the award of the Diploma on gaining a total of at least 40 units of coursework gained in his course of advanced study.

4. The Diploma may be awarded to a candidate for the degree of Master of Building Science who has in the opinion of the Faculty completed work for that degree equivalent to that required in Resolution 3 and such a candidate shall thereupon cease to be a candidate for the degree of Master of Building Science.

5. The Faculty may, on the recommendation of the Head of the Department of Architectural Science, terminate the candidature of a candidate who, in the opinion of the Faculty, has not made satisfactory progress towards fulfilling the requirements for the diploma.

DIPLOMA IN BUILDING SCIENCE (ENERGY-CONSERVATIVE DESIGN)

In accordance with Chapter XIX, section 39 of the by-laws, the following resolutions governing candidature for the Diploma in Building Science (Energy-Conservative Design) have been prescribed by the Senate:

1. A candidate for the Diploma in Building Science (Energy-Conservative Design) shall—

(i) enrol each year in accordance with the procedures prescribed by the Faculty;

(ii) attend the lectures, seminars and tutorial sessions appropriate to a course of advanced study arranged in consultation with the Head of the Department of Architectural Science and approved by the Faculty of Architecture;

(iii) pass the examinations appropriate to his course of advanced study in the order approved by the Head of the Department of Architectural Science; and

(iv) complete such practical work as may be prescribed by the Head of the Department of Architectural Science.

A candidate who does not satisfy the requirements set out in (i), (ii) and (iv) above may be refused permission by the Head of the Department of Architectural Science to present himself for an examination in that course.

2. (1) Except as provided in subsection (3) a candidate for the Diploma shall select his courses from the following subject areas:

General
History of Building Science
Mathematical Methods
Building Construction
Man and Environment
Building Economics and Management
Building Energy Systems
Computers
Operations Research
Illumination.

(2) A candidate who satisfies the requirements of section 1 shall receive credit for a course selected from the subject areas in subsection (1) on the basis of one unit for the equivalent of nine lectures extending over one academic term together with appropriate practical work.

(3) A candidate may—

(a) with the permission of the Faculty on the recommendation of the Head of the Department of Architectural Science, enrol in a course or courses prescribed for such degree or other diploma of the University of Sydney or of such other institution as may be approved by the Faculty, provided that such permission shall be given only if the course is deemed to be of an appropriate standard; and

(b) upon satisfactorily completing such course or courses be granted credit towards his diploma for such units as the Faculty may determine.

(4) A candidate may, with the permission of the Faculty on the recommendation of the Head of the Department of Architectural Science, receive credit for up to sixteen units for work previously completed at the University of Sydney or elsewhere, provided such work falls within the subject areas in subsection (1).

3. A candidate shall be eligible for the award of the Diploma on gaining a total of at least 40 units in his course of advanced study which shall include at least 22 units gained from completion of courses in the area of study Building Energy Systems.

4. The Faculty may, on the recommendation of the Head of the Department of Architectural Science, terminate the candidature of a candidate who, in the opinion of the Faculty, has made unsatisfactory progress in fulfilling the requirements for the award of the Diploma.

MASTER OF BUILDING SCIENCE

In accordance with Chapter XIX, section 42 of the By-laws, the following Resolutions governing candidature for the degree of Master of Building Science have been prescribed by the Senate:

1. A candidate for the degree of Master of Building Science shall:

(i) enrol in each year in accordance with the procedure prescribed by the Faculty;

(ii) attend the lectures, seminars and tutorial sessions appropriate to a course of advanced study arranged in consultation with the Head of the Department of Architectural Science and approved by the Faculty of Architecture;

(iii) pass the examinations appropriate to his course of advanced study in the order approved by the Head of the Department of Architectural Science;

(iv) complete such practical work as may be prescribed by the Head of the Department of Architectural Science; and

(v) undertake an original investigation on a subject approved by the Head of the Department of Architectural Science under the supervision of a member of the teaching staff of the University appointed by the Faculty of Architecture, and submit a thesis embodying the results of the investigation.

A candidate who does not satisfy the requirements set out in (i), (ii), and (iv) above may be refused permission by the Head of the Department of Architectural Science to present himself for an examination.

2. (1) Except as provided in subsection (3) a candidate for the degree shall select his courses from the following subject areas:

General
History of Building Science
Architectural Structures
Building Materials
Mathematical Methods
Building Construction
Man and Environment
Building Economics and Management
Building Energy Systems
Computers
Operations Research
Methodology
Illumination

(2) A candidate who satisfies the requirements of section 1 shall receive credit for a course selected from the subject areas in subsection (1) on the basis of one unit for nine lectures extending over one academic term together with appropriate practical work.

(3) A candidate may—

(a) with the permission of the Faculty on the recommendation of the Head of the Department of Architectural Science, enrol in a course or courses prescribed for such other degree or diploma of the University of Sydney or of such other institution as may be approved by the Faculty, provided that such permission shall be given only if the course is deemed to be of an appropriate standard; and

(b) upon satisfactorily completing such course or courses, be granted credit towards the degree for such units, not exceeding 9 units, as the Faculty may determine.

(4) A candidate may, with the permission of the Faculty on the recommendation of the Head of the Department of Architectural Science, receive credit for work that falls within the subject areas in subsection (1), as follows:

(a) up to 16 units for work previously completed at the University of Sydney or elsewhere, or

(b) all units gained at the University of Sydney in the Faculty of Architecture where,

(i) such units have not previously been counted towards any degree or diploma, or

(ii) such units were taken after the coursework requirements of a degree or diploma were completed.

3. Except as provided in section 44 of Chapter XIX of the By-laws, a candidate shall be eligible for the award of the degree on gaining a total of at least 64 units of coursework comprising at least 40 units gained in his course of advanced study and 24 units gained for completion of his thesis at a standard approved by the Faculty.

4. A candidate will be encouraged to select a subject for his original investigation based on his professional experience and research interests. He shall present progress reports on his investigation from time to time at research seminars arranged by the Head of the Department of Architectural Science.

5. A candidate shall submit four copies of the thesis (printed or typewritten) to the Registrar before the tenth of December in the year preceding that in which he proposes to take his degree. A candidate shall state in his thesis, generally in a preface, and specifically in notes, the sources from which his information was derived and the extent to which he has availed himself of the work of others. He shall not lodge as his thesis any work previously submitted for a degree in this or any other university, but he may incorporate such work in his thesis, provided that he indicates the work so incorporated.

6. For the examination of the thesis the Faculty shall appoint at least two examiners, one of whom shall not be a member of the Faculty. The examiners shall report to the Faculty of Architecture which shall determine the result of the examination. If the result of the examination of the thesis is satisfactory the candidate shall be awarded 24 units.

7. The Faculty may, on the recommendation of the Head of the Department of Architectural Science, terminate the candidature of a candidate who, in the opinion of the Faculty, has not made satisfactory progress towards fulfilling the requirements for the degree.

DIPLOMA IN ARCHITECTURAL COMPUTING

In accordance with Chapter XIX, section 50 of the By-laws, the following Resolutions governing candidature for the Diploma in Architectural Computing have been prescribed by the Senate.

1. A candidate for the Diploma in Architectural Computing shall:

(i) enrol each year in accordance with the procedures prescribed by the Faculty;

(ii) attend the lectures, seminars and tutorial sessions appropriate to a course of advanced study arranged in consultation with the Head of the Department of Architectural Science and approved by the Faculty of Architecture;

(iii) pass the examinations appropriate to his course of advanced study in the order approved by the Head of the Department of Architectural Science; and

(iv) complete such practical work as may be prescribed by the Head of the Department of Architectural Science.

A candidate who does not satisfy the requirements set out in (i), (ii) and (iv) above in a particular course may be refused permission by the Head of the Department of Architectural Science to present himself for an examination in that course.

2. (1) Except as provided in subsection (3) a candidate for the Diploma shall select his courses from the following subject areas:

General
History of Building Science
Mathematical Methods
Building Economics and Management
Computers
Operations Research
Methodology
Practical

(2) A candidate who satisfies the requirements of section 1 shall receive credit for a course selected from the subject areas in subsection (1) on the basis of one unit for nine lectures extending over one academic term together with appropriate practical work.

(3) A candidate may with the permission of the Faculty on the recommendation of the Head of the Department of Architectural Science complete as part of his candidature courses up to a value of nine units from courses prescribed for any degree of Master or any Diploma of the University of Sydney or of any other University.

(4) A candidate may with the permission of the Faculty on the recommendation of the Head of the Department of Architectural Science receive credit for up to sixteen units for work previously completed at the University of Sydney or elsewhere, provided such work falls within the subject areas in subsection (1).

3. A candidate shall be eligible for the award of the Diploma on gaining a total of at least 40 units in his course of advanced study which shall include not less than 12 units from the area 'Computers', not less than 6 units from the area 'Operations Research', not less than 2 units from the area 'Methodology' and not less than 10 units from the area 'Practical'.

4. The Faculty may on the recommendation of the Head of the Department of Architectural Science terminate the candidature of a candidate who in the opinion of the Faculty, has made unsatisfactory progress in fulfilling the requirements for the award of the Diploma.

DIPLOMA IN ILLUMINATION DESIGN

In accordance with Chapter XIX, Section 54, of the By-laws, the following Resolutions governing candidature for the Diploma in Illumination Design have been prescribed by the Senate.

1. A candidate for the Diploma in Illumination Design shall:

(i) enrol each year in accordance with the procedures prescribed by the Faculty;

(ii) attend the lectures, seminars and tutorial sessions appropriate to a course of advanced study arranged in consultation with the Head of the Department of Architectural Science and approved by the Faculty of Architecture;

(iii) pass the examinations appropriate to his course of advanced study in the order approved by the Head of the Department of Architectural Science; and

(iv) complete such practical work as may be prescribed by the Head of the Department of Architectural Science.

A candidate who does not satisfy the requirements set out in (i), (ii) and (iv) above may be refused permission by the Head of the Department of Architectural Science to present himself for an examination in that course.

2. (1) Except as provided in subsection (3) a candidate for the Diploma shall select his courses from the following subject areas:

General
History of Building Science
Mathematical Methods
Man and Environment
Building Economics and Management
Building Energy Systems
Computers
Operations Research
Illumination

(2) A candidate who satisfies the requirements of section 1 shall receive credit for a course selected from the subject areas in subsection (1) on the basis of one unit for nine lectures extending over one academic term together with appropriate practical work.

(3) A candidate may with the permission of the Faculty on the recommendation of the Head of the Department of Architectural Science complete as part of his candidature courses up to a value of nine units from courses prescribed for any degree of Master or any Diploma of the University of Sydney or of any other university.

(4) A candidate may with the permission of the Faculty on the recommendation of the Head of the Department of Architectural Science receive credit for up to sixteen units for work previously completed at the University of Sydney or elsewhere, provided such work falls within the subject areas in subsection (1).

3. A candidate shall be eligible for the award of the Diploma on gaining a total of at least 40 units in his course of advanced study which shall include at least 22 units gained from completion of courses in the area of study Illumination.

4. The Faculty may, on the recommendation of the Head of the Department of Architectural Science, terminate the candidature of a candidate who, in the opinion of the Faculty, has made unsatisfactory progress in fulfilling the requirements for the award of the Diploma.

MASTER OF LAND ECONOMY

Pursuant to section 66 of Chapter XIX of the By-laws, the Senate has prescribed the following Resolutions governing candidature for the degree of Master of Land Economy:

1. A candidate shall:

(a) engage in the University of Sydney in the study of Land Economy either full time for not less than two years or part time for not less than three years;

(b) enrol each year in accordance with the procedure prescribed by the Faculty of Architecture;

(c) complete the courses in the Table attached to these resolutions together with such practical and other work as may be specified by the Head of the Department of Town and Country Planning, in consultation with the member of the academic staff who is the Director of Studies in Land Economy;

(d) receive credit for courses satisfactorily completed on the basis of one unit for the equivalent of nine hours of lectures extending over one academic term together with appropriate practical work and assignments; and

(e) complete a thesis of about 15 000 words on a subject approved by the Head of the Department, in consultation with the Director of Studies in Land Economy.

2. The Faculty shall appoint a member of the staff of the University to act as the supervisor of the candidate.

3. (1) A candidate shall submit four copies of the thesis to the Registrar.

(2) A copy of the thesis submitted by a candidate in accordance with subsection (1)—

(a) shall be printed or typewritten;

(b) shall embody the results of an original investigation by the candidate in a field of study approved by the Faculty in respect of the candidate;

(c) shall make reference, generally in the preface to the thesis and specifically in the notes to the thesis, to—

(i) the sources from which any information contained in the thesis was derived;

(ii) the extent to which the candidate has made use of the work of other persons;

(iii) the extent to which the candidate has made use of work which forms part of any other thesis previously submitted by the candidate for any degree of this or any other institution; and

(iv) the portions of the thesis that are claimed to be the original work of the candidate;

(d) shall not consist solely of work which forms part of any other thesis previously submitted by the candidate for any degree of this or any other institution; and

(e) shall be accompanied by a certificate from the candidate's supervisor to the effect that the form of presentation of the thesis is, in the opinion of the supervisor, satisfactory.

4. (1) For the examination of the thesis the Faculty shall appoint at least two examiners, of whom at least one shall not be a member of the Faculty.

(2) The examiners shall report to the Faculty which shall determine the result of the examination.

(3) If the result of the examination of the thesis is satisfactory, the candidate shall be credited with 16 units.

5. A candidate shall be eligible for the award of the degree when the number of units credited is at least 68, of which 16 shall be for the thesis prescribed in Resolution 1 (e) and at least 52 shall be for coursework prescribed in Resolution 1 (c).

6. A candidate who has previously completed, at the University of Sydney or at another university or at any other institution as may be approved from time to time by the Faculty, work considered by the Faculty to be equivalent to courses prescribed for the degree, may receive credit for up to 16 units towards satisfying the requirements for the degree for all or part of this work, provided that where such work previously completed has been credited towards the award of another degree, diploma or qualification of the University of Sydney or any other institution, this credit shall only be granted where the Faculty, on the recommendation of the Head of the Department of Town and Country Planning in consultation with the Director of Studies in Land Economy deem there to be exceptional circumstances applicable.

7. A candidate may—
   (a) with the permission of the Faculty on the recommendation of the Head of the Department of Town and Country Planning in consultation with the Director of Studies in Land Economy enrol in a course or courses prescribed for such other degree or diploma of the University of Sydney, or of such other institution as may be approved by the Faculty, provided that such permission shall be given only if the course is deemed to be of an appropriate standard; and
   (b) upon satisfactorily completing such course or courses be granted credit towards the degree for such units as the Faculty may determine.

8. The Faculty may, on the recommendation of the Head of the Department of Town and Country Planning, in consultation with the Director of Studies in Land Economy, terminate the candidature of a candidate who, in the opinion of the Faculty, has not made satisfactory progress towards fulfilling the requirements for the degree of Master of Land Economy.

TABLE OF COURSES M.L.E. [*See Resolution 1(c)*]

Area	Subject	Unit value
Law	Law in Land Economy I	5
	Law in Land Economy II	5
Economics	Land Economy I	4
	Land Economy II	4
	Land Economy III	6
	Accounting Principles in Land Economy	4
Quantitative Methods	Applied Statistics in Land Economy	2
	Mathematical Methods in Land Economy	4
	Property Investment Analysis	6
Town Planning	Introduction to Planning	4
Land Policy	Comparative Land policy	6
	Urban Property Management	2
TOTAL		52

DIPLOMA IN LAND ECONOMY

Pursuant to section 69 of Chapter XIX of the By-laws, the Senate has prescribed the following Resolutions governing candidature for the Diploma in Land Economy:

1. Admission to candidature for the Diploma in Land Economy may be granted to applicants who possess one of the following qualifications:
   (i) The Diploma in Civil Engineering or in Local Government Engineering of the Sydney Technical College or other technical college of similar standing approved by the Faculty of Architecture and the Academic Board.
   (ii) The Municipal Engineers' Certificate issued by the Department of Local Government of New South Wales or such other similar qualifications as are approved by the Faculty of Architecture and the Academic Board.
   (iii) A qualification that would entitle a person to be registered as an Architect by the Board of Architects of New South Wales.
   (iv) The licence or certificate of registration issued by the Board of Surveyors of New South Wales or such other similar qualifications as are approved by the Faculty of Architecture and the Academic Board.
   (v) The Associate Membership of the Australian Institute of Valuers or such other similar qualifications as are approved by the Faculty of Architecture and the Academic Board.

2. A candidate shall:
   (a) engage in the University of Sydney in the study of Land Economy either full time for not less than two years or part time for not less than three years;
   (b) enrol each year in accordance with the procedure prescribed by the Faculty of Architecture;
   (c) complete the courses in the Table attached to these resolutions together with such practical and other work as may be specified by the Head of the Department of Town and Country Planning, in consultation with the member of the academic staff who is the Director of Studies in Land Economy; and
   (d) receive credit for courses satisfactorily completed on the basis of one unit for the equivalent of nine hours of lectures extending over one academic term together with appropriate practical work and assignments.

3. A candidate shall be eligible for the award of the Diploma when the number of units credited is at least 52.

4. A candidate who has previously completed, at the University of Sydney or at another university or at any other institution as may be approved from time to time by the Faculty, work considered by the Faculty to be equivalent to courses prescribed for the diploma, may receive credit for up to 16 units towards satisfying the requirements for the diploma for all or part of this

work, provided that where such work previously completed has been credited towards the award of another degree, diploma or qualification of the University of Sydney or any other institution, this credit shall only be granted where the Faculty, on the recommendation of the Head of the Department of Town and Country Planning in consultation with the Director of Studies in Land Economy deem there to be exceptional circumstances applicable.

5. A candidate may—
   (a) with the permission of the Faculty on the recommendation of the Head of the Department of Town and Country Planning in consultation with the Director of Studies in Land Economy enrol in a course or courses prescribed for such other degree or diploma of the University of Sydney, or of such other institution as may be approved by the Faculty, provided that such permission shall be given only if the course is deemed to be of an appropriate standard; and
   (b) upon satisfactorily completing such course or courses be granted credit towards his diploma for such units as the Faculty may determine.

6. The Faculty may deem time spent or work done towards the degree of Master of Land Economy to be time spent or work done towards the Diploma in Land Economy, provided that the candidate has ceased to be a candidate for the degree of Master of Land Economy.

7. The Faculty, may on the recommendation of the Head of the Department of Town and Country Planning, in consultation with the Director of Studies in Land Economy, terminate the candidature of a candidate who, in the opinion of the Faculty, has not made satisfactory progress towards fulfilling the requirements for the diploma.

TABLE OF COURSES Dip.L.E. [*See Resolution 2(c)*]

Area	Subject	Unit value
Law	Law in Land Economy I	5
	Law in Land Economy II	5
Economics	Land Economy I	4
	Land Economy II	4
	Land Economy III	6
	Accounting Principles in Land Economy	4
Quantitative Methods	Applied Statistics in Land Economy	2
	Mathematical Methods in Land Economy	4
	Property Investment Analysis	6
Town Planning	Introduction to Planning	4
Land Policy	Comparative Land Policy	6
	Urban Property Management	2
TOTAL		52

RESOLUTIONS OF THE FACULTY

BACHELOR OF ARCHITECTURE

Pursuant to section 23 (2) of the Resolutions of the Senate relating to the degree of Bachelor of Architecture, the Faculty has resolved that to be considered for the award of honours a candidate for the degree must include in the courses he takes at least one course of advanced study including any of those courses titled Advanced Study Report, the course Conservation and Restoration Programme or such other specific courses as may be approved by the Faculty on the recommendation of the Head of the School of Undergraduate Studies.

DEGREE OF MASTER OF TOWN AND COUNTRY PLANNING AND DIPLOMA IN TOWN AND COUNTRY PLANNING

1. Pursuant to section 4 (2) of the Resolutions of the Senate relating to the degree of Master of Town and Country Planning and section 5 (2) of the Resolutions of the Senate relating to the Diploma in Town and Country Planning and subject to Resolution 2 of these Resolutions, the Faculty has prescribed the following coursework and courses of advanced study which may be taken by candidates for the degree and the diploma—[*see table following*]

2. Pursuant to Section 4(2) (d) of the Resolutions of the Senate relating to the degree of Master of Town and Country Planning and Section 5(2) (d) of the Resolutions of the Senate relating to the Diploma in Town and Country Planning the Faculty has resolved that a candidate may enrol in coursework titled Study Report and in courses of advanced study titled Advance Study Report and in the course of advanced study titled Dissertation only with the permission of the Head of the Department of Town and Country Planning.

3. A candidate for the degree of Master of Town and Country Planning or the Diploma in Town and Country Planning shall complete all those courses presented in the area of Foundation Studies; provided that a candidate may be exempted from the two courses 'Statistics for Planning' and 'Mathematics for Planning' by the Faculty on the recommendation of the Head of the Department of Town and Country Planning subject to the demonstration by the candidate that the required level of assumed knowledge has been attained.

4. A candidate for the Degree of Master of Town and Country Planning or the Diploma in Town and Country Planning who enrolled prior to 1981 shall be entitled to complete the requirements for advanced study from the courses listed in the Table of Courses of Advanced Study M.T.C.P. and Dip. T.C.P. for students enrolled prior to 1981.

TABLE OF COURSES OF ADVANCED STUDY M.T.C.P. AND DIP.T.C.P. [*See Resolution I*]

(a) Area	(b) Course number	(c) Course title	(d) Unit value	(e) Prerequisite
Foundation Studies in Planning	C30.001	Statistics for Planning	2	—
	C30.002	Mathematics for Planning	—	—
	C30.010	Introduction to Planning	4	—
	C30.011	Planning Law	4	—
	C30.012	Economic Theory in Planning I	4	—
	C30.013	Planning Methods	4	—
	C30.014	Evolution of Development Concepts	2	—
	C30.015	Planning Theory and Practice	4	—
History and Practice of Urban and Regional Planning	C30.114	Public Administration in Planning	4	—
	C30.115	Management Practice in Planning	4	—
	C30.117	International Development Policies	4	—
Methodologies for Planning	C30.219	Introduction to Computing in Planning	2	—
	C30.223	Spatial Statistics	4	—
	C30.224	Research Methods	2	—
	C30.225	Programmable Calculator Application in Planning	2	—
Environmental and Physical Planning	C30.306	Environmental Systems	4	—
	C30.312	Physical Planning I	4	—
	C30.313	Physical Planning II	4	C30.312
	C30.314	Urban Design	4	—
	C30.315	Transportation Planning I	4	—
	C30.316	Transportation Planning II	4	—
	C30.317	Environmental Design	4	C30.313
	C30.318	Case Studies in Development Control	4	—
	C30.319	Settlement Development Processes	4	—
Economic Policy and Planning	C30.415	Urban Land Economics	4	—
	C30.418	Comparative Statics	4	—
	C30.419	Economic Theory in Planning II	4	—
	C30.420	The New Urban Economics	4	—
	C30.421	Public Economics in Planning	4	—
	C30.422	Planning Law II	4	—
	C30.423	Planning for Rural and Resource-Based Communities	4	—
Social Policy and Planning	C30.517	Social Impact Assessment	4	—
	C30.518	Housing and Planning	4	—
	C30.519	Management of Urban Change	4	—
	C30.520	Development Control	4	—
	C30.521	Analysis and Design of Housing Policy	4	—
Development Planning	C30.608	Urban and Regional Development Practice	4	—
	C30.614	Urban and Regional Development Theory I	4	—
	C30.615	Urban and Regional Development Theory II	4	—
	C30.616	Trade Growth and Development	4	—
General	C30.801	Case Studies A	2	—
	C30.802	Case Studies B	2	—
	C30.803	Case Studies C	2	—
	C30.810	Study Report I	4	—
	C30.811	Study Report II	4	—
	C30.812	Study Report III	4	—
	C31.110	Advanced Study Report I	8	—
	C31.111	Advanced Study Report II	8	—
	C31.112	Advanced Study Report III	8	—
	C31.703	Dissertation	16	—
	C31.704	Thesis	24	—

TABLE OF COURSES OF ADVANCED STUDY M.T.C.P. AND DIP.T.C.P. FOR STUDENTS ENROLLED PRIOR TO 1981 *[See Resolution 4]*

(a) Area	(b) Course number	(c) Course title	(d) Unit value	(e) Prerequisite
History and Practice of Urban and Regional Planning	C31.101	Advanced Study Report	10	—
Methodologies for Planning	C31.204	Analysis of Land Use Structures	10	C30.223
	C31.205	Advanced Study Report	10	—
Environmental and Physical Planning	C31.304	Environmental Design	10	—
	C31.305	Transportation Planning	10	—
	C31.306	Planning Law	10	C30.011
	C31.307	Advanced Study Report	10	—
Economic Policy and Planning	C31.405	Analysis of Public Policy I	10	C30.419
	C31.406	Analysis of Public Policy II	10	C39.419
	C31.407	Advanced Study Report	10	—
Social Policy and Planning	C31.504	Advanced Study Report	10	—
	C31.505	Advanced Study Report	10	—
	C31.506	Community Planning	10	—
Development Planning	C31.602	Urban and Regional Development Studies	10	C30.614/615
	C31.603	Advanced Study Report	10	—
General	C31.701	Advanced Study Report	10	—
	C31.702	Advanced Study Report	10	—
	C31.703	Dissertation	16	—

DEGREE AND DIPLOMAS IN ARCHITECTURAL SCIENCE

Pursuant to Resolution 2(1) of the resolutions of the Senate relating to the M.Bdg.Sc. degree, and to Resolution 2(1) of the resolutions of the Senate relating to each of the diplomas Dip.Bdg.Sc., Dip.Bdg.Sc. (E.-C.D.), Dip.Arch.Comp. and Dip.Illum.Des., the Faculty has prescribed the following courses which may be taken by candidates for the degree and the diplomas —

TABLE OF COURSES M.BDG.SC., DIP.BDG.SC., DIP.BDG.SC.(E.-C.D.), DIP-ARCH. COMP. AND DIP.ILLUM.DES.

(a) Area	(b) Course number	(c) Course title	(d) Unit value
General	C21.001	General Elective A	4
	C21.002	General Elective B	4
	C21.003	General Elective C	3
	C21.004	General Elective D	3
	C21.005	General Elective E	2
	C21.006	General Elective F	2
History of Building Science	C.21.101	History and Philosophy of Science (Building Science)	2
	C21.102	History of Modern Architecture	2
	C21.103	History of Building Science A	2
	C21.104	History of Building Science B	2
	C21.105	History of Design Methods	1
Architectural Structures	C21.201	Architectural Structures	2
	C21.202	Concrete Design I	3
	C21.203	Advanced Concrete Design	3
	C21.204	Complex Structures	2
	C21.205	Shell Structures	2
	C21.206	Model Analysis	3
	C21.207	Experimental Structures	4
	C21.208	Tall Buildings Structures	2
	C21.209	Foundations for Buildings	1
Building Materials	C21.301	Building Materials I	2
	C21.302	Building Materials II	2
	C21.303	Industrialised Building Systems	1
	C21.304	Materials Technology	2
	C21.305	Pollution and Building Materials	1

(a) Area	(b) Course number	(c) Course title	(d) Unit value
Mathematical Methods	C21.401	Computational Methods in Bdg Science	2
	C21.402	Statistical Methods in Bdg Science	2
	C21.403	Introduction to Mathematical Methods	2
	C21.404	Complex Numbers in Bdg Science	2
	C21.405	Numerical Methods in Bdg Science	2
	C21.406	Matrix Methods in Bdg Science	2
Building Construction	C21.501	Building Construction	4
	C21.502	Building Law	1
	C21.503	Protective Construction	2
	C21.504	Fire and Security	2
	C21.505	Tall Buildings Construction	2
Man and Environment	C21.601	Architectural Acoustics I	3
	C21.602	Architectural Acoustics II	2
	C21.603	Acoustical Measurement	2
	C21.604	Architectural Psychology	2
	C21.605	Man-Environment Studies	2
	C21.606	Wind Effects on Buildings	2
	C21.607	Tropical Architecture I	2
	C21.608	Tropical Architecture II	2
Building Economics and Management	C21.701	Management	2
	C21.702	Building Economics	2
	C21.703	Economic Feasibility Studies	2
	C21.704	Finance for Building Improvements	2
Computers	C24.001	Computers in Architecture I	4
	C24.002	Computers in Architecture II	4
	C24.004	Computer Graphics in Architecture	4
	C24.005	Computer Graphics in Architecture II	4
	C24.006	Computer Applications in Architecture	4
	C24.007	Computers in Building Structures	2
	C24.008	Computers in Building Services	2
	C24.009	APL Programming in Architecture	2
Operations Research	C24.201	Operations Research in Architecture I	4
	C24.202	Operations Research in Architecture II	4
	C24.203	Layout Planning	3
	C24.204	Graph Theory in Architecture	2
Methodology	C24.401	Systems and Models in Architectural Design	2
	C24.402	Design Methods	2
Practical	C24.601	Practical Work	10
Illumination	C25.101	Human Factors and Lighting	2
	C25.102	Vision and Visual Perception	2
	C25.103	Visual Field and Ergonomics	2
	C25.104	Photometric Concepts and Photometry	2
	C25.105	Light Sources	2
	C25.106	Luminaires	2
	C25.107	Interior Lighting Design I	2
	C25.108	Interior Lighting Design II	2
	C25.109	Exterior Lighting Design	2
	C25.110	Practical Project in Illumination	4
Building Energy Systems	C26.101	Building Climatology	2
	C26.102	Thermal Comfort	2
	C26.103	Thermal Properties of Buildings I	2
	C26.104	Thermal Properties of Buildings II	2
	C26.105	Thermal Properties of Buildings III	2
	C26.106	Energy Systems I	2
	C26.107	Energy Systems II	2
	C26.108	Sun Control and Solar Energy	2
	C26.109	Alternative Energy Systems and Technology	2
	C26.110	Building Services Systems	3
	C26.111	Systems Operation and Maintenance	3
	C26.112	Integrated Design of the Environment in Buildings	4
	C26.113	Electricity in Buildings	2

BOARD OF EXAMINERS

Pursuant to section 12 of Chapter VIII of the By-laws, the Faculty appoints the following as members of the Board of Examiners which shall be responsible for the conduct of examinations in respect of candidates for the degrees of Bachelor of Science (Architecture) and Bachelor of Architecture:

—The Professors, Readers, Associate Professors, Senior Lecturers, Lecturers, Principal Tutors, Senior Tutors and Assistant Lecturers, being full-time permanent or full-time temporary members of the teaching staff, in the Departments of Architecture, Architectural Science and Town and Country Planning;

—The Director of the Sydney University Art Workshop;

—Such part-time members of the teaching staff with responsibility for the general conduct of particular courses in the curriculum who are members of the Faculty of Architecture.

The Head of the School of Undergraduate Studies in the Faculty of Architecture shall be Chairman of the Board of Examiners.

BOARD OF POSTGRADUATE STUDIES

Pursuant to section 13 of Chapter VIII of the By-laws the Faculty has resolved as follows:

1. There shall be one Board of Postgraduate Studies of the Faculty of Architecture which shall be responsible for all matters related to candidature for postgraduate degrees or diplomas in Architecture, Building Science and Town and Country Planning. Its membership shall comprise the persons referred to in subsections (i), (ii) and (iii) of section 1 (1) of Chapter XIX of the By-laws.
2. (1) Subject to Resolution 1 of the Resolutions of the Senate relating to Deans of Faculties, the Board shall elect one of its members who shall be Chairman.
   (2) The Chairman shall hold office for the term of two years from the first day of January in the year following the election.
   (3) The election of the Chairman shall be held in the period between the third Monday in September and the third Monday in October of every alternative year commencing in 1977.

Degrees in more than one faculty or board of studies

BY-LAWS CHAPTER XIXA

1. A graduate in one Faculty or Board of Studies who desires to obtain a degree in a second Faculty or Board of Studies shall be required:
   (a) except where elsewhere provided in the By-laws to attend courses for at least two years in the second Faculty or Board of Studies;
   (b) to select courses that he has not already taken for his first degree;
   (c) to obtain the approval of the second Faculty or Board of Studies of the courses which he proposes to take.
2. (1) Except as provided in subsection (2) or elsewhere in the By-laws an undergraduate who enrols in more than one Faculty or Board of Studies in any one academic year shall not be allowed to count a course passed in one Faculty or Board of Studies as a qualifying course in another Faculty or Board of Studies nor shall he, on proceeding to one degree, be eligible for any of the concessions set out in the preceding paragraph in respect of any other degree for which he is still a candidate.
   (2) A Faculty or Board of Studies may permit a graduate in another Faculty or Board of Studies who enrolled as an undergraduate in the two Faculties or Boards of Studies in the one academic year to count a course passed in the other Faculty or Board of Studies as a qualifying course in the Faculty or Board of Studies provided that (a) such a graduate would be given no greater concession than a graduate who had not enrolled in more than one Faculty or Board of Studies in any year; and (b) that he meets the requirements of section 1.

Degree of Doctor other than the degrees of Doctor of Medicine, Doctor of Dental Science, Doctor of Music and Doctor of Philosophy

BY-LAWS CHAPTER XIXB

1. This Chapter of the By-laws shall apply to the degree of Doctor other than the degrees of Doctor of Medicine, Doctor of Dental Science, Doctor of Music and Doctor of Philosophy.

2. The degree of Doctor shall be awarded on the recommendations of the Faculty concerned, or, in the case of the degree of Doctor of Divinity, the Board of Studies in Divinity, for published work which, in the opinion of the examiners, has been generally recognized by scholars in the field concerned as a distinguished contribution to knowledge.[1]

3. (1) Except as provided elsewhere in this Chapter, a candidate for the degree of Doctor in a Faculty shall have qualified for a degree awarded in that Faculty.

(2) Except in the case of the Faculty of Veterinary Science, a Faculty may admit as a candidate for the degree of Doctor in that Faculty a graduate of another Faculty.

(3) A Faculty may recommend to the Academic Board that an applicant be admitted to candidature for the degree of Doctor in that Faculty, who—

(a) holds a degree or qualification of another university or institution which the Academic Board on the recommendation of the Faculty has determined to be equivalent to at least a degree of Bachelor of the University of Sydney awarded in that Faculty, and

(b) has had such continuing association with the academic work of the University of Sydney and over such period as the Academic Board on the recommendation of the Faculty shall determine is appropriate.

4. Notwithstanding Section 3, a candidate for the degree of Doctor of Divinity shall—

(a) be a Bachelor of Divinity of the University of Sydney; or

(b) be a graduate in any Faculty of the University of Sydney and have taken a degree in Divinity or its equivalent at some institution approved by the Academic Board on the recommendation of the Board of Studies in Divinity.

5. (1) A candidate shall submit to the Registrar five copies of the published work which he wishes to have examined. The publications, which shall have been published at least one year before lodgment, shall be a record of original research undertaken by the candidate, who shall state the sources from which his information was derived, the extent to which he has availed himself of the work of others and the portion of the work he claims as original.[1]

(2) If the publications submitted, whether published in the candidate's sole name or under conjoint authorship, record work carried out conjointly, the candidate shall state the extent to which he was responsible for the initiation, conduct or direction of such conjoint research, however published.

(3) Where the principal publications, as distinct from supporting papers, incorporate work previously submitted for a degree in this or in any other university, the candidate shall clearly indicate which portion of the publications was so submitted.

(4) The publications submitted for the degrees of Doctor of Letters and Doctor of Divinity shall include at least one substantial work.[1]

6. On receipt of a report from the Faculty concerned or, in the case of the degree of Doctor of Divinity, from the Board of Studies in Divinity, that the published work is *prima facie* worthy of examination for the degree, and of a recommendation concerning the examiners to be appointed, the Academic Board shall appoint at least three examiners, of whom at least one shall normally be a member of the Faculty concerned, or in the case of the degree of Doctor of Divinity, a Professor of the University nominated by the Board of Studies in Divinity, and of whom at least two shall be external examiners.

7. On the award of the degree, the Registrar shall lodge one copy of the published work with the Librarian.

8. The degree other than the degree of Doctor of Divinity shall not be conferred until the candidate is a graduate of eight years' standing from the degree which qualified him for candidature. The degree of Doctor of Divinity shall not be conferred until five years have elapsed since the candidate's admission to his first degree in Divinity or its equivalent.

9. These By-laws shall come into force from 1st January, 1961, but until 31st December, 1963, a candidate may proceed to the degree either under these By-laws or under the By-laws previously in force.

[1] For the submission of published work for examination for the degree of Doctor of Science, see the resolutions of the Faculty of Science appended to Chapter XIII.

[1] For the submission of published work for examination for the degree of Doctor of Science, see the resolutions of the Faculty of Science appended to Chapter XIII.

Research Committee

BY-LAWS CHAPTER XIXC

1. There shall be a Research Committee,[1] which shall consist of the Chairman of the Academic Board, the Registrar and ten members elected by the Academic Board, one of whom shall be chosen from each of the Faculties of Arts, Law, Medicine, Science, Engineering, Dentistry, Veterinary Science, Agriculture, Economics and Architecture, together with up to four other members co-opted by the aforesaid members.

2. The first election of the Committee shall be held in May, 1953. The Committee shall hold office until 31st May, 1954. Thereafter the election shall be held in May of every alternate year, and the Committee so elected shall hold office for a period of two years from the first day of June following the election.

3. The Committee shall be responsible for the encouragement of scholarship and research and for the consideration of all matters relating thereto. In particular it shall consider and make recommendations to the Vice-Chancellor regarding the allocation of funds for projects submitted to it by Heads of Departments and appointments to positions in connection therewith. Such appointments shall be tabled at the next meeting of the Academic Board. The Committee shall report to the Academic Board at least once a year on the research work being carried out in the University.

[1] The Vice-Chancellor shall act as Chairman of the Research Committee at its meetings when the annual allocation of research funds takes place.

Degree of Doctor of Philosophy (PhD)

BY-LAWS CHAPTER XIXD

1. There shall be a degree of Doctor of Philosophy (PhD.).

2. The degree may be awarded in such Faculties as these By-laws provide.[1]

3. (1) An applicant for admission as a candidate for the degree shall, except as provided in subsections (2) and (3), hold or have fulfilled all the requirements for—
   (a) the degree of Master, or
   (b) the degree of Bachelor with first or second class honours.
   (2) A Faculty may admit as a candidate for the degree an applicant holding the degree of Bachelor without First or Second Class Honours after he has passed a qualifying examination at a standard equivalent to the Bachelor's degree with first or second class honours provided that a Faculty may exempt an applicant[2] from the qualifying examination if he has obtained a High Distinction or Distinction in the highest course available in the subject or subjects relevant to the proposed course of advanced study and research.
   (3) The Academic Board may, in accordance with Chapter XXVIA of these By-laws admit as a candidate for the degree an applicant holding qualifications which, in the opinion of the Faculty or Board concerned and of the Academic Board, are equivalent to those prescribed in subsection (1) or subsection (2), and such candidate shall proceed to the degree under such conditions as the Academic Board may prescribe.

4. (1) An applicant for admission to candidature shall submit to the Faculty concerned a proposed course of advanced study and research, approved by the Head of the Department in which the work is to be carried out, to be undertaken by the applicant in a Department of the University and shall submit satisfactory evidence of adequate training and ability to pursue the proposed course.
   (2) The Faculty may require a candidate, as part of the evidence of the candidate's training and ability to pursue the proposed course, to pass a special examination.
   (3) A reference in subsection (1) to a Department

[1] The degree may be taken in all Faculties.
[2] The applicant would be relying for admission on one of the following degrees—Bachelor of Medicine, Bachelor of Dentistry, Bachelor of Veterinary Science, Bachelor of Science in Agriculture, Bachelor of Architecture.

includes a reference to one or more Departments, one or more Schools, an inter-Departmental committee and an inter-School committee.

5. (1) A candidate may be accepted by a Faculty on a probationary basis for a period not exceeding twelve months and upon completion of this probationary period, the Faculty shall review the candidate's work and shall either confirm the candidate's status or terminate his candidature.

(2) In the case of a candidate accepted on a probationary period under subsection (1), his candidature shall be deemed to have commenced from the date of such acceptance.

6. Except with the special permission of the Faculty in which he wishes to take the degree, a candidate may proceed to the degree only in the Faculty in which he obtained his initial qualification.

7. (1) After admission, a candidate shall pursue a course of advanced study and research under a supervisor appointed by the Faculty concerned and, at the discretion of the Faculty, also under an associate supervisor similarly appointed. The supervisor shall be appointed from the full-time members of the University staff and the associate supervisor, where appointed, from either the full-time members of the University staff or the honorary associates of the University. The candidate shall pursue his course wholly under the control of the University and, unless special permission be granted by the Academic Board, shall carry out his work, other than field work, in the University of Sydney.

(2) For the purposes of subsection (1), 'full-time members of the University staff' includes persons on whom the Senate has conferred the title of Professor, Clinical Professor, Reader, Associate Professor, Clinical Associate Professor, Senior Lecturer, Clinical Senior Lecturer, Lecturer or Clinical Lecturer.

7A. The Academic Board may, where it considers there are special circumstances and upon the recommendation of the Faculty concerned, admit as a part-time candidate for the degree an applicant who is not a member of the full-time academic staff of the University but who is engaged in an occupation or other activity which in the opinion of the Faculty leaves the candidate substantially free to pursue his course of advanced study and research for the degree.

8. (1) Except as provided by subsections (2)–(4), a candidate shall submit for examination for the degree a thesis in accordance with the provisions of section 12, not earlier than the ninth term and, except with the special permission of the Faculty concerned, not later than the fifteenth term after being accepted as a candidate.

(2) A candidate who is a member of the full-time academic staff of the University shall submit the thesis not earlier, except as provided by subsection (3), than the ninth term and not later, except with the special permission of the Faculty concerned, than the twenty-first term after being accepted as a candidate.

(3) A candidate who holds the degree of Master, or Bachelor of Divinity with Honours, or both the degrees of Bachelor of Medicine with Honours and Bachelor of Science (Medical) with Honours, or both the degrees of Bachelor of Veterinary Science with Honours and Bachelor of Science (Veterinary) with Honours in the University of Sydney may, with the permission of the Faculty concerned, submit the thesis not earlier than the sixth term.

(4) A part-time candidate shall submit the thesis not earlier than the ninth term or such later term as the Faculty concerned may determine in respect of that candidate and, except with the special permission of the Faculty concerned, not later than the twenty-first term after being accepted as a candidate.

9. A candidate who, at the date of his admission, has completed not less than one term as a candidate for the degree of Master in any Faculty or Board of Studies of the University of Sydney may be permitted by the Faculty concerned to be credited for the whole or any part of the period of candidature completed for the degree of Master as a period of candidature completed for the degree of Doctor of Philosophy, provided that:

(a) at the date of his admission to candidature for the degree of Master in the Faculty or Board of Studies concerned the candidate shall have fulfilled the requirements of section 3 of this Chapter; and

(b) the period of candidature for the degree of Master for which credit is sought shall have been a course of full-time or part-time advanced study and research under a supervisor appointed by the Faculty or Board of Studies concerned and directly related to the candidate's proposed course of advanced study and research for the degree of Doctor of Philosophy.

9A. A candidate, whether admitted in accordance with Chapter XXVIA of these By-laws or otherwise, who at the date of his admission, has completed not less than one term as a candidate for a higher degree in another University or institution may be permitted by the Academic Board, on the recommendation of the Faculty concerned, to be credited for the whole or any part of the period of candidature completed as a period completed for the degree of Doctor of Philosophy of the University of Sydney, provided that—

(a) at the date of his admission to candidature for the higher degree of the other University or institution concerned he shall have fulfilled the requirements of section 3 of this Chapter of the By-laws;

(b) the period of candidature for the higher degree of the other University or institution concerned for which credit is sought shall have been a course of full-time or part-time advanced study and research under a supervisor appointed by the other University or institution concerned and directly related to the candidate's proposed course of advanced study and research in the University of Sydney;

(c) the candidate shall have abandoned candidature for the higher degree of the other University or institution concerned for which credit is sought;

(d) the amount of credit which may be so granted shall not exceed three terms; and

(e) no candidate who has been granted credit shall present himself for examination for the degree earlier than the sixth term after his acceptance.

10. A candidate in the Faculty of Arts or Economics may be required by the Faculty, on the recommendation of the Head of the Department concerned or the supervisor, during his course—

(a) if he is a member of the staff of the University of Sydney, to devote a period of up to one year exclusively to the advanced study and research prescribed for the degree; and/or

(b) to spend a period of up to one year in advanced study and research at institutions or places, in Australia or overseas, approved by the Faculty, provided that such requirement shall be prescribed by the Faculty when the candidate is admitted.

11. A candidate may be required during his course to attend lectures, seminar courses and practical work in subjects prescribed by the Faculty concerned, on the recommendation of the Head of Department or supervisor, and at the end of each year of prescribed work shall produce evidence of progress to the satisfaction of his supervisor and the Head of the Department concerned. A candidate who fails to produce such evidence may have his registration as a candidate for the degree cancelled by the Academic Board on the recommendation of the Faculty concerned.

12. (1) On completing the course of advanced study and research, a candidate shall present a thesis embodying the results of his work, which shall be a substantially original contribution to the subject concerned. He shall state, generally in the preface, and specifically in notes, the sources from which his information is derived, the extent to which he has availed himself of the work of others, and the portion of the work he claims as original. A candidate may also submit in support of his candidature any publication of which he is the sole or joint author. In the latter case he must produce satisfactory evidence, identifying the sections of the work for which he is responsible.

(2) A candidate may not present as his thesis any work which has been presented for a degree at this or another university, but he will not be precluded from incorporating such in his thesis, provided that, in presenting the thesis, he indicates the part of the work which has been so incorporated.

(3) A candidate shall submit to the Registrar 4 copies of the thesis in a form prescribed by resolution of the Academic Board and 4 copies of a summary of about 300 words in length.

(4) The thesis shall be accompanied by a certificate from the supervisor stating whether, in his opinion, the form of presentation of the thesis is satisfactory.

13. (1) On receiving the thesis and having considered the certificate of the supervisor, the Faculty concerned shall, if it thinks fit, appoint examiners. If the Faculty resolves to appoint examiners, it shall appoint three examiners, at least one of whom shall be external. The Faculty shall report the names of the examiners appointed to the Academic Board, which may appoint one or more additional examiners.

(2) Each examiner shall make a separate report on the merits of the thesis and supporting papers, and these reports shall be considered by the Faculty concerned. Where a supervisor has been appointed an examiner, he may consult with his associate supervisor, if any, before making his report. On receiving these reports, the Faculty concerned may require the candidate to sit for such written, oral, or practical examination as it determines. The reports of the examiners and the certificate of the supervisor, together with the recommendations of the Faculty concerned, shall be submitted to the Academic Board.

(3) The Board may permit an unsuccessful candidate to prepare himself for re-examination if, in the opinion of the Faculty concerned, the candidate's work is of sufficient merit to warrant this concession. In such cases the Faculty may prescribe special conditions to be fulfilled by the candidate at such re-examination.

14. In any case where the Faculty concerned, having received the thesis and having considered the certificate of the supervisor, resolves not to appoint examiners, it shall report the circumstances and the reasons for its decision to the Academic Board.

15. On the award of the degree, the Registrar shall lodge a bound copy of the thesis with the Librarian.

RESOLUTIONS OF THE ACADEMIC BOARD

DOCTOR OF PHILOSOPHY

1. It is the policy of the Academic Board that a candidate for the degree of Doctor of Philosophy carry out all phases of his work for the degree completely under the control of the University and at places determined by the University in the interests of the successful fulfilment of the aim of giving the candidate training in research.

2. In general, and except as approved for part-time candidates by the Faculty concerned and the Academic Board, a candidate shall carry out his or her work, including the planning of the research and the writing of the thesis, full time within the University.

3. Work carried out in research stations or hospitals or the like which are away from the Department to which the candidate is attached, is to be regarded as work carried out within the University, provided that members of the academic staff able to give adequate direction to the candidate's work are located in that institution and that the candidate carries out his work under the control of the University.

4. The term 'field work' where appearing in the By-laws is taken to include not only observations in the field in such subjects as Anthropology, Botany, and Geology, but also observations made in industry, commerce, and public offices and the examination of documents and other materials in libraries, museums and other repositories outside the University. It is not taken to include laboratory work, other observation work, computations, etc., of the kind that is normally carried out within the University. Field work consisting of observations in industry, commerce, and public offices shall not count for more than half of the minimum period of candidature.

5. Members of the teaching staff may be admitted to candidature even though they are required concurrently to carry out their ordinary departmental duties. Members of staff proceeding to the degree in the Faculty of Arts or of Economics may be required by the Faculty concerned, on the recommendation of the Head of the Department or of the Supervisor concerned, to devote themselves exclusively to their course of study and research for a period up to three terms; such requirement may be imposed only at the time of the approval of the course of study and research.

6. The Academic Board will regard an applicant for admission to part-time candidature in accordance with section 7A of Chapter XIXD of the By-laws as 'substantially free to pursue his or her candidature for the degree' within the meaning of that section provided that, following a recommendation from the faculty concerned based on the submission of such evidence as the circumstances may require, it is satisfied that—

(a) the applicant will have sufficient appropriate time available to complete the requirements for the degree within the maximum period

prescribed in section 8(3) of Chapter XIXD of the By-laws;
(b) the intended research will be planned by the applicant in consultation with the proposed supervisor and carried out by the applicant;
(c) the arrangements for supervision are such that the research will be under the control of the University;
(d) the applicant will be able to attend at the University at such times and on such occasions, for purposes of consultation and participation in departmental activities, as may be required on the recommendation of the head of department or school and the faculty concerned;
(e) the applicant will be able to maintain such association with appropriate experts in the applicant's field of study either within the University or elsewhere as may be required on the recommendation of the head of department or school and the faculty concerned.

7. (1) The Academic Board will refer to a committee with power to act all applications for admission to candidature under section 7A of Chapter XIXD of the by-laws recommended to it by a Faculty.
(2) The Committee will report its decisions to the Academic Board and may refer any application to the Board for its decision or back to the Faculty concerned for further consideration.
(3) The Committee will receive and consider the annual progress report forms relating to all part-time candidatures, and will have power to make recommendations with respect to any such candidature to the Faculty concerned and to the Academic Board.

8. In special cases a full-time candidate may be given permission to complete his or her candidature on a part-time basis and/or away from the University but under the general direction of the Supervisor. In granting such special permission the Academic Board is guided by the following principles:
(i) a candidate who has completed full time within the University the minimum number of terms prescribed for his or her candidature and who has substantially completed his or her work for the degree may be granted permission to complete his or her candidature on a part-time basis either within the University or away from the University provided that the Head of the Department and the Supervisor furnish a written statement specifying the progress achieved in his or her candidature and the arrangements to be made for continued supervision, and certifying that these arrangements are satisfactory.
(ii) a candidate who has completed full time within the University at least 12 terms may be granted permission to complete his or her candidature on a part-time basis, either within the University or away from the University provided that the Head of Department and the Supervisor furnish a written statement specifying the arrangements to be made for continuing supervision, and certifying that these arrangements are satisfactory.
(iii) a candidate who has completed full time within the University all but three terms or less of his or her minimum period of candidature and who is unable to complete his or her research work in the University of Sydney because of lack of facilities may be granted leave to work in another institution provided that:
(a) he or she devotes his or her full time to the approved course of study and research;
(b) the institution has been approved by the Academic Board as one providing suitable facilities;
(c) except in the case of overseas institutions there is employed in the institution concerned an Honorary Associate of the University able to act as an associate supervisor; and
(d) he or she returns to the University of Sydney for not less than two terms to complete his or her candidature.
(iv) a candidate whose research training would, in the opinion of the Faculty concerned, be enhanced by his or her access to the special facilities available in another institution approved by the Academic Board, may count as part of his or her candidature full-time work carried out in that other institution provided that:
(a) he or she completes all but three terms or less of his or her minimum period of candidature within the University and
(b) except in the case of overseas institutions, there is employed in the other institution an Honorary Associate of the University able to act as associate supervisor.
(v) a candidate who is given permission by the Academic Board, acting on the recommendation of the Faculty concerned, to resubmit his or her thesis for examination after revision may be given permission to carry out this revision away from the University and to carry out any further research to be incorporated in the thesis on a part-time basis either within the University or elsewhere.
Short visits of a few weeks to other institutions for consultations or for the use of some special facilities may be made with the approval of the Head of the Department on the recommendation of the Supervisor.

9. An applicant for admission as a full-time candidate who is already employed by an institution other than the University or a candidate who obtains such employment must submit a statement from his or her employer certifying
(i) that he or she can devote himself or herself full-time for the duration of his or her candidature to study and research under the control of the University and
(ii) that the employer will inform the University in the event of the candidate being required to undertake any other duties.
It is the policy of the Academic Board that a candidate carry out his or her work completely under the control of the University and at places determined by the University. In accordance with this policy, a candidate who carries out fieldwork or other research within an organisation, other than the University, which employs him or her, will normally be required to spend at least two-thirds of the minimum period of his or her candidature within the University. Only in exceptional circumstances will this proportion be reduced and in no circumstances will it be reduced below one-third of the minimum period.

10. Full-time candidates do not keep the normal terms but work continuously throughout the year, except for a period of four weeks' recreation leave. A candidate who has completed twelve months' continuous work, inclusive of recreation leave, is deemed to have completed three terms of his or her candidature.

11. Where an applicant is required to take a qualifying examination it shall be in the field of work of the Department in which the candidate is to carry out his or her advanced study and research.

11A. In considering any application for admission to candidature under Chapter XIXD of the By-laws, which involves more than one department or school, a Faculty shall have regard to the availability of an appropriate supervisor and of such resources and facilities as may be necessary for the completion of that candidature.

12. The four copies of the thesis submitted in accordance with section 12 (3) of Chapter XIXD of the By-laws shall normally be on International Standard A4 size paper sewn and bound in boards covered with bookcloth or buckram or other binding fabric. The title of the thesis, the candidate's initials and surname, the title of the degree, the year of submission and the name of the University of Sydney should appear in lettering on the front cover or on the title page. The lettering on the spine, reading from top to bottom, should conform as far as possible to the above except that the name of the University of Sydney may be omitted and the thesis title abbreviated. Supporting material should be bound in the back of the thesis as an appendix or in a separate set of covers.

12A. Section 12(1) of Chapter XIXD of the By-laws allows a candidate to include in a thesis published papers of which the candidate is the sole author, provided that—

(i) the papers are based on work undertaken during the candidature for the degree;
(ii) the papers are identified as published work; and
(iii) the papers are compatible with the overall coherence and organisation of text of the thesis.

Any other papers of which the candidate is sole or joint author may be lodged in support of the thesis.

13. A candidate for a Master's degree in the University of Sydney who satisfies the requirements for admission to candidature for the degree of Doctor of Philosophy and who has been working under conditions applicable to such a candidature may (in accordance with section 9 of Chapter XIXD of the By-laws) apply to withdraw a thesis submitted for examination for the Master's degree and resubmit it for examination as a thesis for the degree of Doctor of Philosophy, provided that the candidate does so before the appointment of examiners for the Master's degree and provided further that all of the necessary academic and administrative requirements are completed in relation to candidature for the degree of Doctor of Philosophy.

14. After unsuccessful examination for the degree of Doctor of Philosophy a candidate may be permitted by the Faculty or Board of Studies concerned to use part or all of the material in a thesis submitted for a Master's degree, subject to completing all of the necessary administrative requirements.

Matriculation

BY-LAWS CHAPTER XX

1. Candidates for any of the degrees granted by the University shall be required to matriculate before entering upon the prescribed course.

MATRICULATION AND HIGHER SCHOOL CERTIFICATE EXAMINATIONS

2. (1) A candidate shall be entitled to matriculate at the University if—

(a) after 1st October, 1981, at a Matriculation Examination under section 3 or a Higher School Certificate Examination, he presents himself for examination in at least 11 units chosen in accordance with subsection (2) from courses in such subjects as the Senate from time to time by resolution approves on the recommendation of the Academic Board;
(b) in the courses in which he is examined at that examination, he achieves such level of performance, measured on an aggregate of marks obtained in those 10 of the 11 units referred to in paragraph (a) in which he obtains the best marks as the Senate by resolution determines, in respect of that examination, on the recommendation of the Academic Board; and
(c) in the course in English in which he is examined at that examination, he achieves such level of performance as the Senate by resolution determines, in respect of that examination, on the recommendation of the Academic Board.

(2) The 11 units referred to in subsection (1) (a)—

(a) shall include at least 2 units from a course in English; and
(b) shall include, in respect of an examination held after such date as the Senate may determine, at least one 3 unit course or one 4 unit course.

(3) For the purposes of subsection (2) (b), two 2 unit courses in Science shall be counted as one 4 unit course.

(4) The qualifications for matriculation specified in subsection (1)—

(a) except as provided in paragraph (b), shall be obtained at the one examination; or
(b) in the case of a candidate who, in the opinion of the Vice-Chancellor, possesses severe

physical handicap, may be obtained at 2 examinations held in successive calendar years.

3. (1) The Vice-Chancellor may determine whether a Matriculation Examination shall be held in any particular year.

(2) If the Vice-Chancellor determines that a Matriculation Examination shall be held, he shall also determine—

(a) the manner in which it is to be conducted;

(b) the persons eligible to sit; and

(c) the time and place at which it shall take place.

GRADUATE IN ANY FACULTY

4. A Graduate in any Faculty of the University shall be entitled to matriculate in any other Faculty.

INSTITUTIONS OTHER THAN UNIVERSITIES

5. The Academic Board may admit to matriculation a candidate who has completed such requirements at an institution other than a University as may be prescribed from time to time by resolution of the Senate on the recommendation of the Academic Board.

PROVISIONAL MATRICULATION

6. (1) The Academic Board may grant provisional matriculation status to any candidate who—

(a) produces evidence of educational merit to the satisfaction of the Academic Board;

(b) is not less than 25 years of age on 1st March in the year of proposed enrolment or is, in the opinion of the Academic Board, educationally disadvantaged; and

(c) passes such examinations as the Academic Board may prescribe.

(2) Provisional matriculation status granted to a candidate under this By-law shall be confirmed when he has fulfilled such requirements as the Academic Board may from time to time determine.

MATRICULATION UNDER PREVIOUS BY-LAWS

7. Any person who has qualified for matriculation or for matriculation in any particular Faculty under this Chapter or any other provision of a By-law in force at any time before the making of an amendment to this Chapter shall be entitled to matriculate or to matriculate in that Faculty, as the case may be, in accordance with that qualification, notwithstanding that the person is not qualified to matriculate under this Chapter as so amended.

ADMISSION *AD EUNDEM STATUM*

8. (1) The Academic Board may admit to matriculation an applicant who:

(a) is a graduate of any other university; or

(b) presents a certificate from any Australian or New Zealand university or from any other university specified by the Academic Board for this purpose, showing that he has qualified for matriculation in that university and setting out the grounds for such qualification, provided that in the opinion of the Academic Board there is a reasonable correspondence between the qualifying conditions relied upon by the applicant and the conditions laid down for ordinary matriculation in the University of Sydney, except that where an applicant has qualified for matriculation in another university and such qualifications have been obtained at the Matriculation Examination of the University of Sydney or at the New South Wales Higher School Certificate Examination or at the New South Wales Leaving Certificate Examination and do not meet the ordinary matriculation requirements in the University of Sydney based on one of these three Examinations, matriculation status shall not be granted; or

(c) has enrolled as a candidate for a degree in another university and would not be accepted in accordance with subsection (1) (b) but has subsequently completed at the first attempt at that university the equivalent in the University of Sydney of First Year in a degree course where this is prescribed or of 3 full-year courses where there is no prescribed First Year; or

(d) has completed such other requirements at another university as may be prescribed from time to time by resolution of the Senate upon the recommendation of the Academic Board.

(2) An applicant admitted in accordance with subsection (1) shall be accorded such status as the appropriate Faculty or Board of Studies may from time to time recommend.

(3) An applicant shall not be admitted in accordance with this section unless he gives evidence of his degree or status.

ADMISSIONS COMMITTEE

9. The power of granting provisional matriculation status under section 6 and of admitting to matriculation under section 8 may be exercised by an Admissions Committee appointed for the purpose by the Academic Board. The Committee shall lay on the table of the Academic Board at its next ensuing meeting a report of its decisions.

NON-MATRICULATED AND NON-DEGREE STUDENTS

10. (1) Notwithstanding any other provisions of any other By-law, a Faculty or Board of Studies may, in circumstances approved by that Faculty or Board of Studies, permit—

(a) a person who is not qualified to matriculate to enrol as a non-matriculated student in a specified course or courses with which the Faculty or Board of Studies is concerned, and

(b) a person who is qualified to matriculate or has been granted matriculation status in accordance with this Chapter to enrol as a non-degree student in a specified course or courses with which the Faculty or Board of Studies is concerned.

(2) A person enrolled in accordance with subsection (1) of this section shall pay such fees as the Senate may from time to time direct.

11. (1) Except as prescribed in subsection (2) or (3) of this section, a person who while enrolled in accordance with section 10 completes a course or courses in which he is so enrolled shall not count towards a degree any course or courses so completed.

(2) A person who—

(a) has been enrolled in accordance with section 10 (1) (a);

(b) has while so enrolled completed a course or courses as prescribed for one of the degrees of this University; and

(c) is qualified for or has been granted matriculation status in accordance with this Chapter;

may in circumstances approved by the Academic Board on the recommendation of the Faculty or Board of Studies concerned enrol as a candidate for a degree in that Faculty or Board of Studies and count such course or courses towards that degree.

(3) A person who—

(a) has been enrolled in accordance with section 10 (1) (b); and

(b) has while so enrolled completed a course or courses prescribed for one of the degrees of this University;

may in circumstances approved by the Faculty or Board of Studies concerned enrol as a candidate for a degree in that Faculty or Board of Studies and count such course or courses towards that degree.

RESOLUTIONS OF THE SENATE

APPROVED SUBJECTS

Pursuant to section 2 (1) (a) of Chapter XX of the By-laws, the Senate has resolved as follows:

The Senate has approved the following Higher School Certificate Examination subjects for the purposes of matriculation:

Agriculture
Ancient History
Arabic
Art
Chinese
Classical Greek
Croatian[1]
Czech
Dutch
Estonian
Economics
English
Farm Mechanics[2]
French
General Studies
Geography
German
Hebrew
Home Science
Hungarian
Indonesian
Industrial Arts
Italian
Japanese
Latin
Latvian
Lithuanian
Macedonian[1]
Mathematics
Modern Greek
Modern History
Music
Polish
Russian
Science
Serbian[1]
Sheep Husbandry and Wool Technology
Slovenian[1]
Spanish
Textiles and Design
Turkish
Ukrainian

MATRICULATION ELIGIBILITY AGGREGATE

Pursuant to section 2 (1) of Chapter XX of the By-laws, the Senate has resolved that eligibility to matriculate shall be determined by the achievement of a minimum aggregate of marks based on the candidate's ten best units in those subjects taken by the candidate to satisfy the University's matriculation requirements.[3]

INSTITUTIONS OTHER THAN A UNIVERSITY

Pursuant to section 5 of Chapter XX of the By-laws the Senate makes the following resolutions prescribing the granting of eligibility to matriculate to applicants who have completed requirements at an institution other than a University.

[1] No more than one of these languages is allowed by the Board of Senior School Studies to count towards the Higher School Certificate.
[2] Farm Mechanics will be examined as Rural Technology at the 1984 HSC.
[3] Further details of the method of calculating the matriculation eligibility aggregate are set out in the *Students' Information Guide* published by the Universities and Colleges Admissions Centre.

1. (i) Any person who submits satisfactory evidence that he has completed the First Year of the course at the Royal Military College of Australia may be granted eligibility to matriculate without further examination.

(ii) Any person who submits satisfactory evidence that he has completed a full course of at least three years' prescribed study at the Royal Military College of Australia may be admitted to status in a course leading to a degree.

(iii) The Academic Board on the advice of the appropriate Faculty or Board of Studies shall determine the status of such person and the credit to be granted in respect of work performed at the Royal Military College of Australia.

2. Any person who submits satisfactory evidence that he has completed the passing out examination of the Royal Australian Naval College may be granted eligibility to matriculate without further examination.

3. (i) Any person who has passed an examination qualifying him for matriculation in the University of Sydney and submits satisfactory evidence that he has subsequently completed at least the First Year of the course at the Royal Australian Air Force Academy, may be admitted to status in a course leading to a degree.

(ii) The Academic Board, on the advice of the appropriate Faculty or Board of Studies, shall determine the status of such person and the credit to be granted in respect of work performed at the Royal Australian Air Force Academy.

4. Any person who holds either (i) a Diploma of the Hawkesbury or Wagga Agricultural College with Honours or a similar qualification deemed by the Academic Board to be equivalent, or (ii) a Diploma of the Sydney, Broken Hill, Newcastle or Wollongong Technical Colleges with Honours or Credit or a similar qualification deemed by the Academic Board to be equivalent may be granted eligibility to matriculate.

5. Any person who holds a Certificate of Licentiate in Theology of the Australian College of Theology may be granted eligibility to matriculate provided that the candidature for the Certificate was commenced not earlier than November, 1970.

5A. Any person who holds a degree of Bachelor in Theology of the Australian College of Theology may be granted eligibility to matriculate.

6. Any person who holds a degree or diploma, other than an associate diploma, recognised by the Australian Council on Awards in Advanced Education may be granted eligibility to matriculate.

7. The power of admitting a candidate to matriculation under section 5 of Chapter XX of the By-laws may be exercised by the Admissions Committee of the Academic Board. The Committee shall lay on the table of the Academic Board at its next ensuing meeting a report of its decisions.

NON-MATRICULATED STUDENTS

It shall be open to any non-matriculated student who has attended the full courses of lectures upon any subject to compete for Honours or Pass in the regular examinations upon his subject, and to have his name published and recorded in the regular class lists, with a distinguishing mark; but he shall be incapable of holding any scholarship or receiving any prize of those already established for students proceeding to a degree.

Each such student shall be entitled to receive a certificate of attendance upon the lectures or laboratory practice in the subjects which he has selected, and proficiency therein, as ascertained by the regular and ordinary examinations within the University.

The above regulations do not apply to the lectures and examinations in the Faculty of Medicine, in the Faculty of Dentistry, or in the Faculty of Veterinary Science.

PREREQUISITES AND ASSUMED STANDARDS OF KNOWLEDGE FOR FIRST YEAR COURSES IN THE UNIVERSITY—1984[1]

No priority is given in selection into any degree course to persons who have studied any particular subjects or unit values for matriculation.

Prerequisites

A prerequisite is a requirement that a prescribed level of knowledge be reached before enrolment is allowed.

The Bachelor of Music degree course is the only *degree course* for which a prerequisite is prescribed to be satisfied before applicants will be accepted into the course.

In the case of the *subjects* English I and Music I, which may be studied towards a number of degree courses, prerequisites must be satisfied before enrolment in them will be accepted.

A student who becomes eligible to matriculate will automatically be considered for entry to every degree course, other than Bachelor of Music, for which he states a preference and may select any subject course other than English I or Music I without having to satisfy any further mandatory requirements of prior knowledge.

The prerequisites for entry to English I and Music I and to the Bachelor of Music degree course are shown in the table below and are recognisable with the symbol 'P' (for prerequisite).

Assumed Knowledge

For some first year subjects, which may often be studied towards more than one degree course, students are expected to have reached a certain level of assumed knowledge. This assumed knowledge in terms of the Higher School Certificate or the Matriculation examination is set out in the table below and is recognised by the symbol 'A' (for assumed knowledge).

Students who have not reached the level of knowledge assumed are not prevented from enrolling in any subject as part of a degree course for which they may receive an offer of a place, or for the degree course itself, but before enrolling they should undertake any supplementary work recommended. Information on the supplementary work is available from the Registrar.

Warning: Students who proceed with the courses for which they have not previously reached the specified level of assumed knowledge, place themselves at a considerable disadvantage.

Percentiles

Where a percentile is specified this is to be interpreted as an example of the standard of performance required or recommended.

The following table lists degree courses and subjects in alphabetical order and shows opposite them any prerequisites or assumed knowledge. For any subject course not listed in the table readers may assume no prerequisite is laid down or knowledge assumed.

[1] This section sets out the Prerequisites and Assumed Knowledge in the University for entry in 1984. There may be some changes for entry in 1985.

TABLE OF PREREQUISITES AND ASSUMED KNOWLEDGE IN THE UNIVERSITY IN 1984

Degree or subject	**Prerequisites (P), or Assumed Knowledge (A),** at Matriculation Examination or Higher School Certificate Examination. (Where a percentile is specified, this refers to the H.S.C. examination. The absence of a percentile specification indicates that the knowledge assumed is that obtained from study of the syllabus.)
AGRICULTURE (BScAgr degree course) (BAgrEc degree course)	A: 2 unit Mathematics and *Either* 4 unit Science multistrand (including Chemistry, Physics and Biology) *or* 2 unit Chemistry and 2 unit Physics *Note:* *The course 2 unit Mathematics in Society and 2 unit General Science are not recommended.*
ARCHITECTURE (BSc(Arch) degree course)	A: 2 unit Mathematics
ARTS (BA degree course)	The knowledge required or assumed depends entirely on the subjects selected. See under proposed subjects elsewhere in this list.
BIOLOGY (all courses in the subject)	A: *Either* 4 unit Science multistrand—Biology Section *or* 2 unit Biology *Note:* *Students who have taken either 2 units of Physics and 2 units of Chemistry, or the 4 unit Multistrand Science, and have performed well in these courses, have been able to achieve a satisfactory standard in First Year (junior) Biology courses in the past.*

TABLE OF PREREQUISITES AND ASSUMED KNOWLEDGE IN THE UNIVERSITY IN 1984

Degree or subject	**Prerequisites (P), or Assumed Knowledge (A),** at Matriculation Examination or Higher School Certificate Examination. (Where a percentile is specified, this refers to the H.S.C. examination. The absence of a percentile specification indicates that the knowledge assumed is that obtained from study of the syllabus.)
CHEMISTRY (all courses in the subject)	A: 2 unit Mathematics and A: *Either* 4 unit Science multistrand—Chemistry section *or* 2 unit Chemistry
COMPUTER SCIENCE I	A: 2 unit Mathematics
DENTISTRY (BDS degree course)	A: As set out under the subjects Biology, Chemistry and Physics all of which are compulsory for this degree course.
ECONOMICS I	A: 2 unit Mathematics
ECONOMIC STATISTICS I	A: 2 unit Mathematics
EDUCATION (BEd degree course)	Knowledge required or assumed depends entirely on the subjects selected. See under proposed subjects elsewhere in this list.
ENGINEERING (BE degree course)	A: 3 unit Mathematics plus *either* 2 unit Chemistry and 2 unit Physics *or* 4 unit multistrand Science (including Chemistry and Physics)
ENGLISH I	P: *Either* 3 unit English *or* 2 unit English: 41-50 percentile band or better *Note:* *Those who wish to attempt the course without the prerequisite may apply through the Head of the Department of English, to the faculty or board of studies controlling their enrolment, for permission to enrol.*
FOREIGN LANGUAGES Arabic Chinese French German Greek Modern Greek Hebrew Indonesian and Malayan Studies Italian Japanese Latin	Two first-year courses are offered in all these languages, one for students who have completed 5 or 6 years' study of the language at an advanced level or have reached an equivalent standard over a shorter period (the IA course) and the other for students with little or no knowledge of the language (the IB course). In addition a third first-year course is offered in some languages at an intermediate level between the IA and IB courses for students with some knowledge of the language.
The IA course	P: 3 unit course or 2 unit course with a result at a satisfactory standard or an equivalent qualification.
The IAB course	P: 2 unit General course or 2 unit Z course with a result at a satisfactory standard or an equivalent qualification. *Note:* *If you have studied the language but for less than four years you will normally be admitted to the IAB course where this is available; where this is not available, you will normally be admitted to the IB course.*

Degree or subject	**Prerequisites (P), or Assumed Knowledge (A),** at Matriculation Examination or Higher School Certificate Examination. (Where a percentile is specified, this refers to the H.S.C. examination. The absence of a percentile specification indicates that the knowledge assumed is that obtained from study of the syllabus.)
The IB course	Admission to this course is for those who previously have no knowledge of the language and for those whose knowledge is insufficient to gain them entry to the IA or the IAB course. However, it is a distinct advantage to have formally studied another foreign language.

Note:
A student whose performance only reaches the 21-30 percentile band in the 2 unit course is not normally considered to have achieved a 'satisfactory standard' for entry to the IA or IAB course. In some language courses a much higher standard of performance is required. You should note that, whatever the standard of your result, you may be required to undertake a placement test to assist in determining your suitability for the IA, IAB, or IB course.

General Pure Mathematics	A: 2 unit Mathematics
General Statistical Methods	A: 2 unit Mathematics or Mathematics in Society
Geology I	No previous knowledge of Geology is assumed. Students enrolling in Geology I should have Physics or Chemistry as a background either in a 2 unit or a 4 unit Science course.
Law (LLB degree course)	No prerequisites or assumed knowledge
Mathematics	
Mathematics I	A: 3 unit Mathematics
Mathematics, General Pure Mathematics (Agriculture) Mathematics I for Pharmacy	A: 2 unit Mathematics
Medicine (MB BS degree course)	A: As set out under the subjects Chemistry and Physics which are compulsory for this degree course.
Music I	P: *Either* 3 unit Music: 61-70 percentile band or better *or* 2 unit Music: 71-80 percentile band or better *Note:* *Persons who consider they have a qualification equivalent to the prerequisite may apply through the Head of the Department of Music to the Faculty or Board of Studies controlling their enrolment for permission to enrol.*

Those without the HSC prerequisite may be required to undertake a departmental musicianship entrance test. This test is normally available only to those students who, for no fault of their own, have been unable to sit for the HSC examination in Music. The test is of 3 hours' duration and normally covers the following areas: aural, melody, harmony, history, analysis of a score and a general listening test. For further information contact the Registrar.

Music (BMus degree course)	P: as for Music I and P: Satisfactory completion of a test in either Musical Composition or Instrumental or Vocal Performance supervised by the Head of the Department of Music. For details of this test see under the subject *Music*. *Note:* *3 courses are selected from those prescribed for the degree of Bachelor of Arts including one language, other than English. Prerequisites and assumed knowledge are as shown under individual courses in this table.*

TABLE OF PREREQUISITES AND ASSUMED KNOWLEDGE IN THE UNIVERSITY IN 1984

Degree or subject	**Prerequisites (P), or Assumed Knowledge (A),** at Matriculation Examination or Higher School Certificate Examination. (Where a percentile is specified, this refers to the H.S.C. examination. The absence of a percentile specification indicates that the knowledge assumed is that obtained from study of the syllabus.)
PHARMACY (BPharm degree course)	A: 2 unit Mathematics and A: *Either* 4 unit Science multistrand—Biology section *or* 2 unit Physics and 2 unit Chemistry or Biology
PHYSICS:	
Physics I	A: 3 unit Mathematics and A: *Either* 4 unit Science multistrand—Physics section *or* 2 unit Physics
Physics I (Life Sciences) Agricultural Physics Physics for Dentistry Medicine Veterinary Science	A: 2 unit Mathematics and A: *Either* 4 unit Science multistrand—Physics section *or* 2 unit Physics
SCIENCE (BSc degree course)	A: As set out under the subjects in Mathematics, one of which must be taken for this degree course. and A: As set out under the subjects Chemistry and Physics, one of which must be taken.
SOCIAL STUDIES (BSocStud degree course)	Three or four courses as approved by the Board of Studies are selected from those prescribed for the degree of Bachelor of Arts. Some have prerequisites or assumed knowledge as detailed under individual courses in this table.
VETERINARY SCIENCE (BVSc degree course)	A: 2 unit Mathematics and A: *Either* 4 unit Science multistrand (including Chemistry, Physics and Biology) *or* 2 unit Chemistry and 2 unit Physics

Terms

Courses, examinations and fees

BY-LAWS CHAPTER XXI

1. Except as provided by section 2—
   (a) the academic year shall contain 3 terms, namely Lent Term, Trinity Term and Michaelmas Term; and
   (b) each such term shall commence and conclude on such dates as the Senate may, on the recommendation of the Academic Board, determine.

2. In the Faculties of Medicine and Dentistry, the academic year shall contain such terms, commencing and concluding on such dates, as the Senate may, on the recommendation of the Academic Board and Faculty concerned, determine.

RESOLUTIONS OF THE SENATE

Pursuant to section 1 (b) of Chapter XXI of the by-laws the Senate has prescribed the following resolutions.

TERMS

1. Lent Term shall commence on the last Monday in February and shall be of eleven weeks' duration, including a recess at Easter of six days, the last week of term being an examination week.

2. Trinity Term shall commence on the fourteenth Monday after the commencement of Lent Term and shall be of ten weeks' duration, the last week of term being an examination week.

3. (1) Michaelmas Term shall commence on the twenty-seventh Monday after the commencement of Lent Term and shall be of fourteen weeks' duration.
   (2) Classes shall cease after nine weeks of Michaelmas Term.

BY-LAWS CHAPTER XXII

1. (1) In these By-laws, 'course' means a course required, under these By-laws, to be completed by a candidate for a degree or diploma.
   (2) For the purposes of these By-laws, a candidate completes a course if he—
   (a) attends the lectures and other classes, if any, provided in respect of the course;
   (b) satisfactorily completes the written and other work, if any, required to be completed in the course; and
   (c) passes the examinations, if any, in respect of the course.

2. A course shall consist of such lectures and other classes, such written and other work and such examinations as may be determined by the Faculty or Board of Studies concerned.

3. Details of courses shall be published in such manner as the Senate determines.

4. A person permitted to enrol in a course shall do so in accordance with the procedures determined from time to time by the Registrar.

5. (1) A candidate in a course for the degree of Bachelor, other than a fourth year honours course in the Faculty of Arts, Science or Economics, whose work is, in the opinion of the Board of Examiners concerned, of sufficient merit, shall be awarded high distinction, distinction or credit.
   (2) The award of honours shall be reserved to indicate special proficiency at graduation, and honours shall be awarded only in accordance with these By-laws or any resolution of the Senate.

6. In determining the results of a candidate in any course, the whole of the candidate's work in the course may be taken into account.

7. A candidate for a degree or diploma who has completed a course prescribed under these by-laws for that degree or diploma may, upon application made to the Registrar, receive a certificate to that effect signed by the Registrar.

8. A candidate who repeats a course shall, unless granted exemption by the Dean of the Faculty or Chairman of the Board of Studies concerned—
   (a) reattend the lectures and other classes, if any, provided in respect of the course;
   (b) satisfactorily complete again the written and other work, if any, required to be completed in the course; and

(c) reattend the examinations, if any, in respect of the course.

9. (1) Except as provided by subsection (2), an applicant for enrolment in the University or a student enrolled in the University—

(a) shall pay such fees and other charges as the Senate, on the advice of the Finance Committee, may determine from time to time; and

(b) shall not attend any lecture, tutorial, class or other form of tuition or any examination until the fees and other charges referred to in paragraph (a) have been paid.

(2) The Vice-Chancellor, or any other officer appointed by him for the purpose, may, by an authority given in writing to an applicant for enrolment in the University or to a student enrolled in the University—

(a) exempt that applicant or student from payment, or defer payment by that applicant or student, of such of the fees and other charges referred to in subsection 1 (a) as may be specified in the authority; and

(b) permit that applicant or student to attend such lectures, tutorials, classes and other forms of tuition or such examinations as may be specified in the authority.

(3) Except with the permission of the Vice-Chancellor, or of any other officer appointed by him for the purpose, a person in respect of whom an authority deferring the payment of any of the fees and charges referred to in subsection (1) has been given shall not be admitted to a degree or awarded a diploma of the University until those deferred fees and other charges have been paid.

RESOLUTIONS OF THE SENATE

SUPPLEMENTARY EXAMINATIONS

(a) Supplementary examinations should be regarded by both teacher and taught as distinct privileges granted to worthy students and not as rights.

(b) Boards of Examiners shall determine which students shall be allowed to take supplementary examinations. Due notice should be taken of certified illness or misadventure.

COURSE CONTENT

Information about courses shall be published annually by the Registrar in the handbook of the Faculty or Board of Studies concerned and a summary of this information shall be published in the Calendar of the University.

RESOLUTIONS OF THE ACADEMIC BOARD

ATTENDANCE

1. Departments shall keep such records of the attendance of students at lectures and other classes as the Faculty or Board of Studies concerned may from time to time prescribe.

2. (1) The Dean of a Faculty or the Chairman of a Board of Studies may grant a student enrolled in that Faculty or under that Board of Studies leave from attendance at classes for a period not exceeding three months.

(2) A Faculty or Board of Studies may grant a student enrolled in that Faculty or under that Board of Studies leave from attendance at classes for a period not exceeding one year.

3. A student who seeks leave of absence shall apply at least two weeks in advance in writing to the Registrar.

4. A student who has been absent from classes because of accident, illness or misadventure shall report the circumstances of that absence in writing to the Registrar not later than one week after resumption of attendance at classes.

5. (1) The Dean of a Faculty or the Chairman of a Board of Studies may call upon any student in that Faculty or under that Board of Studies who has been absent without leave from more than ten percent of the classes in any one term in a particular course to show cause why that student should not be deemed to have failed to complete that course.

(2) The Dean or Chairman shall decide whether the cause shown is sufficient.

(3) A student who fails to show sufficient cause for absence shall be deemed not to have completed that course.

EXEMPTION FROM RE-ATTENDANCE

Exemption from re-attendance at lectures and practical classes shall be granted only in exceptional circumstances.

EXAMINATIONS

No class or final examination shall be held during lecture or laboratory hours by any member of the Teaching Staff unless permission to hold such examinations has been previously granted by the Vice-Chancellor and due notice sent to other members of the Teaching Staff concerned.

EXAMINATION RULES

Faculties

Each Faculty shall be responsible for the determination of the rules governing the examination of each student who is enrolled as a candidate for a degree in that Faculty, including any student who is taking a course or courses offered by a Department located primarily in another Faculty. These rules may include the form in which numerical marks are submitted, the grades of pass to be awarded and whether Supplementary examinations are to be granted.

EXAMINATIONS HELD IN VACATIONS

The Academic Board has adopted the following general policy concerning examinations held in vacations:

1. That in determining an annual result for a course, substantial account may be taken of all work carried out by the students, i.e. as essays, practical work, or other assignments.

2. That examinations and departmental tests held after the end of lectures in Lent and Trinity terms should follow directly after the teaching periods and be confined as nearly as possible to one week.

BY-LAWS CHAPTER XXIII

[*Repealed.*]

Students engaged in war service

BY-LAWS CHAPTER XXIIIA

Subject to the provisions of the University and University Colleges Act, 1900, and notwithstanding that the provisions of any By-law may not have been strictly observed, the Senate may, after report from the Academic Board and the Faculty concerned—

(a) grant such status or degree, or confer such rights as to tenure of scholarships as it may deem proper to any student who has been engaged in active military or naval service during the 1914–1918 War, or who during the 1939–1947 War[1] has been engaged in active military, naval or air force service or at the request of the Government, in any special service for securing the public safety and defence of the Commonwealth and its Territories, or for the more effectual prosecution of the 1939–1947 War, or who has been engaged in active service with the United Nations or British Commonwealth of Nations Forces or who has been engaged in active service in the Australian Armed Forces;

(b) grant such status or degree as it may deem proper to the widow of any man who died while on active service in the Army, Navy or Air Force, during the 1939–1947 War or to the widow of any man who died while on active service in the Australian Armed Forces.

This By-law shall not apply to the Faculty of Medicine.

[1] Although hostilities ceased in 1945, until 1947 there were members of the Australian armed forces on active service in Japan as part of the British Commonwealth Occupation Force.

Scholarships

BY-LAWS CHAPTER XXIV

1. Scholarships shall be awarded after examination as the Senate may from time to time appoint.

2. No scholarship shall be awarded except to such candidates as exhibit a degree of proficiency which shall be satisfactory to the Examiners. Scholars shall be required to proceed with their studies in the respective Faculties in which their scholarships are awarded.

3. The examination for scholarships shall be concurrent with the Matriculation and Yearly Examinations, additional papers and questions being set when required.

4. No student of the University shall be allowed to hold more than two scholarships at one time.

5. In connection with the award of scholarships in modern foreign languages, if the examiners shall be of opinion that any candidate has any exceptional advantage by reason of foreign nationality or parentage or prolonged residence abroad, such candidate shall not be eligible for an award unless there is no other candidate of sufficient merit.

RESOLUTION OF THE ACADEMIC BOARD

SCHOLARSHIPS OR PRIZES

Matriculated students who are required to present themselves for re-examination in any subject will not be eligible for any scholarship or prizes on the results of such re-examination without the permission of the Faculty concerned.

Public exhibitions

BY-LAWS CHAPTER XXV

1. Every applicant for a Public Exhibition must make application on the prescribed form. The printed form shall contain an undertaking that the applicant will comply with the By-laws, rules, and regulations of the University. The application shall be accompanied by Certificates from two or more persons resident in the State that they were all acquainted with the applicant, and that he is a person of good fame and character.

2. He must state the Faculty in which he wishes to graduate, but he should indicate whether, in the event of his not being awarded an Exhibition in that Faculty, he would desire to be considered a candidate for an Exhibition in any other Faculties.

3. He must have passed the Leaving Certificate examination in the subjects, and at the standard prescribed in the By-laws for matriculation in the Faculty to which he is admitted.

4. Upon the award of an Exhibition, an Exhibitor must forthwith matriculate in the University, and proceed with his studies with a view to graduation in the Faculty to which he is admitted. If an Exhibitioner is unable to attend day lectures, the Public Exhibitions Committee may permit him to attend evening lectures. If at any time during his course an Exhibitor is prevented by illness or special circumstances from continuing his studies, the Public Exhibitions Committee may permit him to discontinue his studies for such periods as it thinks fit.

5. He may continue to hold the Exhibition for the period necessary for graduation for a first degree in his Faculty on the conditions that he be of good conduct in matters of discipline and otherwise; and that he pass all the prescribed qualifying examinations.

For the purpose of this By-law, the courses of lectures to be taken by an Exhibitioner in the Faculty of Arts may cover a period of four years, provided: That three courses, at least, must be taken in the First Year, and three courses, at least, in the Second Year, and two courses, at least, in the Third Year, except by candidates for Honours, who may elect to take in the Second Year only two courses, of which one, at least, shall be in a subject in which the exhibitioner is a candidate for Honours.

6. Failure to pass any qualifying examination will entail forfeiture of the Exhibition, provided that the Public Exhibitions Committee may, if it sees fit, continue or restore the Exhibition (a) if the failure is due to illness or special circumstances, or (b) if the Exhibitioner has shown distinct merit in one or more qualifying courses for the year, and has at the next deferred examination passed in the subject or subjects in which he failed.

An application for the continuance or restoration of the Exhibition must be made within fourteen days after notification of the failure, or within such further time as the committee may allow. Where the application is based on illness, it must be accompanied by a certificate of a medical practitioner. Where it is based on special circumstances, it must be accompanied by a written statement from some person who has knowledge of the circumstances.

7. An Exhibitioner who has completed satisfactorily the course in any Faculty may continue to hold his Exhibition for a further period if proceeding immediately to the diploma in Education, or to a higher degree by means of postgraduate work approved by his Faculty, or if proceeding immediately with the permission of the Public Exhibitions Committee to a first degree in any other Faculty—provided that the tenure of each Exhibition shall not exceed a period of five years or, in the case of medical students, six years, and provided further that, in the case of a medical student who has been admitted by the Faculty of Science to candidature for the Honours degree in Science, or who has been admitted by the Faculty of Medicine for candidature for the degree of Bachelor of Science (Medical) in accordance with the provision of the By-law, Chapter XII, 24B, the tenure may be extended by the Committee up to a period not exceeding seven years, and provided further that a student who has been awarded a Public Exhibition in the Faculty of Arts and at the end of the B.A. course proceeds to the courses for the degree of Bachelor of Laws shall be permitted to hold his Public Exhibition for a total period not exceeding six years.

8. An Exhibitioner will be exempt from the payment of matriculation, tuition, and degree fees. He shall, however, be required to pay all other incidental expenses and fees, including the expenses of laboratory material, microscope fees and the fee for the University Union.

9. The Public Exhibitions Committee shall consist of the Vice-Chancellor, the Chairman of the Academic Board, and the Deans of Faculties who are for the time being Fellows of the Senate.

10. (1) The Leaving Certificate examination is adopted by the Senate for the allotment of Exhibitions.

(2) Exhibitions other than the one hundred which are to be allotted to the candidates who are highest in the order of merit as shown at the Leaving Certificate examination shall be allotted to candidates whose family circumstances and income are limited as follows:

(i) Where the candidate's usual place of residence is not more than twenty-five miles from the University, the combined income of the candidate, his father and mother shall not exceed, where the candidate's family includes—
  (a) not more than three dependants—$2 200
  (b) four dependants—$2 300
  (c) five dependants—$2 400
  (d) six or more dependants, $2 400 increased by $100 for each dependant in excess of five.

(ii) Where the candidate's usual place of residence is more than twenty-five miles from the University, the combined income of the can-

didate, his father and mother shall not exceed, where the candidate's family includes—

(a) not more than three dependants—$2 400
(b) four dependants—$2 500
(c) five dependants—$2 600
(d) six or more dependants, $2 600 increased by $100 for each dependant in excess of five.

(iii) For the purpose of this By-law (a) income means total income from all sources for the year ending on the 30th June immediately preceding the allotting of the Exhibition; (b) dependant includes any member of the candidate's family who is supported out of the income referred to in (i) or (ii) hereof and who is not, at the time when the candidate applies for an Exhibition, in receipt of an income exceeding $1.50 a week.

(iv) If in any case presenting abnormal or exceptional features the Senate is satisfied that the candidate's position is in substance not financially better than is indicated in (i) or (ii) hereof but by reason of the abnormal or exceptional features the case does not come within the terms of (i) or (ii) hereof the Senate may nevertheless in its discretion allot the candidate an exhibition if he is otherwise qualified for such an allotment.

RESOLUTIONS OF THE SENATE

ADULT EDUCATION EXHIBITIONS

1. Adult Education Exhibitions may be awarded by the Admissions Committee on the recommendation of the Director of the Department of Adult Education to students over the age of 25 years who have attended Tutorial Classes conducted by the Department of Adult Education for a period of at least two years and who have demonstrated during their attendance and at tests designed for the purpose their aptitude for university study.

2. Not more than three Exhibitions may be awarded in any one year.

3. An exhibition shall be tenable only in the Faculties of Arts, Economics or Science.

4. The award of an Exhibition shall carry with it—

(a) the granting of provisional matriculation status to a student not otherwise eligible for matriculation, and
(b) enrolment in one of the faculties set out in Resolution 3 above.

5. The holder of an Adult Education Exhibition shall be required to pay all compulsory subscriptions and incidental expenses consequent upon enrolment.

6. The Academic Board, on the advice of the Director of the Department of Adult Education and the Admissions Committee, may establish procedures for the award of Adult Education Exhibitions.

RESOLUTIONS OF THE ACADEMIC BOARD

1. Prospective applicants should indicate their intention of applying to the Director of the Department of Adult Education by 31 March of the year preceding the award, and must lodge their applications, completed on the prescribed form, with the Registrar by 30 September.

2. Applicants must also apply for admission to the University through the Universities and Colleges Admissions Centre on the prescribed form by the specified closing date.

3. Applicants will be required to sit a test of scholastic aptitude, and to have submitted, during the course of their Tutorial Class, at least three essays on topics approved by their Tutor.

4. In recommending the award of an Adult Education Exhibition, the Director of the Department of Adult Education shall take into account the scholastic aptitude of the student as revealed by the test results, a written report of the Tutor concerned, and the applicant's record in Tutorial Classes.

Candidature for the degree of Doctor of Philosophy or for any degree of Master or for any diploma

for graduates of other universities or persons with equivalent qualifications

BY-LAWS CHAPTER XXVIA

1. (1) On the recommendation of the Faculty or Board of Studies concerned, and subject to the By-laws relating to that Faculty or Board of Studies, the Academic Board may admit to candidature for the degree of Doctor of Philosophy or for any degree of Master or for any diploma an applicant who—
   (a) is either—
      (i) a graduate of another university or a college of advanced education; or
      (ii) a person deemed by that Faculty or Board of Studies and by the Academic Board to have standing equivalent to that required of a graduate of the University of Sydney who is qualified for admission to candidature for the degree or diploma concerned; and
   (b) is deemed by that Faculty or Board of Studies, as the case may be, and by the Academic Board to be suitably prepared in the particular field of study in which he proposes to be a candidate.

   (2) Qualifications obtained subsequently to those referred to in subsection (1) (a) of this section may be taken into account in the assessment referred to in subsection (1) (b) of this section.

2. A candidate admitted in accordance with section 1 shall:
   (a) engage within the University of Sydney either full-time for at least one year or part-time for at least two years in work, consisting of such of the following namely—
      (i) course work;
      (ii) supervised study or investigation;
      (iii) course work and supervised study or investigation;

      as may be required by the Faculty or Board of Studies concerned on the recommendation of the Head of the appropriate Department; and
   (b) satisfy the other requirements prescribed for the degree or diploma for which he is a candidate.

3. Section 2 (a) shall not apply to a candidate who has at any time been a full-time member of the permanent teaching staff of the University of Sydney for not less than two years and has ceased to be a member, or who is a full-time member of the permanent teaching staff at the time he satisfies the other requirements prescribed for the degree or diploma for which he is a candidate.

RESOLUTIONS OF THE ACADEMIC BOARD

HIGHER DEGREE CANDIDATURE

For graduates of other universities or applicants with equivalent qualifications

Pursuant to section 2 of Chapter XXVIA of the By-laws, the Academic Board makes the following Resolutions:

1. It is the policy of the Academic Board in respect of candidates for higher degrees who have relied for admission to candidature on qualifications other than a degree of the University of Sydney that the University shall not be solely an examining body but rather that the University should be involved in the teaching and supervision of such candidates who will be required to spend the minimum period of their candidature within the University.
2. A graduate of another university or an applicant with qualifications obtained in another institution who has been admitted to candidature for a higher degree in accordance with Chapter XXVIA of the By-laws shall be regarded as engaging in work within the University when he attends classes, including lectures, seminars and laboratory classes or when he is engaged in supervised research work within the University or in approved field work.
3. Work carried out in research stations or hospitals or the like which are away from the Department to which the candidate is attached is to be regarded as work carried out within the University, provided that members of the academic staff able to give adequate direction to the candidate's work are located in that institution, and that the candidate carries out his work under the control of the University.

   The term 'field work' where this is prescribed as part of the work of a candidate is taken to include not only observations in the field in such subjects as Anthropology, Botany and Geology, but also observations made in industry, commerce and public offices and the examination of documents and other materials in libraries, museums and other repositories outside the University. It is not taken to include laboratory work, other observational work, computations, etc., of the kind that is normally carried out within the University. Field work consisting of observations in industry, commerce and public offices shall not count for more than one-half of the minimum period of work to be done in the University.

Enrolment of higher degree candidates

BY-LAWS CHAPTER XXVIB

1. (1) A person whose admission to candidature for a higher degree has been approved by the Academic Board, Faculty, Board of Studies or Head of Department as provided elsewhere in these By-laws or in the relevant Resolutions of the Senate, Academic Board, Faculty or Board of Studies shall enrol as a candidate for the higher degree.
(2) The enrolment shall, except where an extension of time for enrolment is granted by the Registrar due to special circumstances, be made within three weeks after the approval of admission and shall thereafter be made at the beginning of Lent Term in each year of candidature.

2. A candidate for a higher degree shall pay such fees as may be determined by the Senate.

Admission *ad eundem gradum*

BY-LAWS CHAPTER XXVII

Admission *ad eundem gradum* in the University may be granted by the Senate, on the recommendation of the Faculty concerned, to graduates of such universities as the Senate may from time to time approve, provided that all applicants under this By-law shall furnish sufficient evidence of their degrees and good fame and character. On approval of his application each candidate shall pay to the Registrar such fee as may be determined by the Senate for the entry of his name on the University books in addition to the prescribed fee for his degree.

Tenure of office of lecturers

BY-LAWS CHAPTER XXVIII

1. All appointments of Public Teachers in the schools of the University, other than Professors, shall be terminable by a notice of not less than six calendar months, which may be given by the Senate at any time, but which if given by the Teacher, must expire on 31st December. This By-law shall not apply to any case in which the Senate shall direct that the appointment shall be for a limited period.

2. All independent Lecturers or Public Teachers other than Professors shall, unless specifically appointed for a shorter term, hold office for a period not exceeding seven years, which shall terminate on 31st December next preceding the expiration of seven years from the date of appointment. During such period the appointment shall be terminable at six months' notice, as provided in section 1 of this Chapter, and at the expiration of such period the appointment shall terminate; but the holder shall be eligible for reappointment.

This By-law shall not apply to Lecturers and Lecturers and Demonstrators appointed as Assistants to Professors.

Substitutes for officers

BY-LAWS CHAPTER XXIX

1. Any act required by the By-laws to be performed by any officer of the University may, during the absence or other incapacity of such officer, unless otherwise provided, be performed by a person appointed by the Senate to act in his place.

Department of Adult Education

BY-LAWS CHAPTER XXX

[*Repealed.*]

RESOLUTIONS OF THE SENATE

1. There shall be a Department of Adult Education whose work shall be reviewed by a Board of Adult Education appointed by the Senate and whose functions shall be determined from time to time by the Senate.

2. The Board of Adult Education shall consist of—

(a) The Chancellor, the Deputy Chancellor, the Vice-Chancellor, the Deputy Vice-Chancellor referred to in section 2 (3) (a) of Chapter VI of the By-laws and the Director of the Department of Adult Education (who shall be the secretary of the board), *ex officio*,

(b) three members appointed by the Senate from among the Fellows of the Senate,

(c) four members, being members of the full-time academic staff of the University, appointed by the Senate on the nomination of the Academic Board,

(d) four members appointed by the Senate from the full-time academic staff of the Department of Adult Education on the nomination of that staff,

(e) three members appointed by the Senate on the nomination of the Workers' Educational Association of New South Wales, of whom one shall, at the time of appointment, be a member of a tutorial class conducted by the Department of Adult Education,

(f) one member, being a student enrolled for an undergraduate degree of the University of Sydney, appointed by the Senate on the nomination of the Students' Representative Council,

(g) one member, being a student enrolled for a postgraduate degree or diploma of the University of Sydney, appointed by the Senate on the nomination of the Sydney University Postgraduate Representative Association,

(h) two members appointed by the Senate on the nomination of the retiring Board being persons, other than members of the full-time academic staff of the Department of Adult Education, who have taught in one of the programmes of the Department within the period of twelve months prior to nomination, these nominees to be selected from a panel of six names submitted by the Director of the Department and

(i) not more than six other members to be appointed by the Senate, not being Fellows of the Senate or members of the full-time academic staff of the University.

3. (1) Subject to resolution 3 (2), the Board shall be appointed annually by the Senate at its regular meeting in July.

(2) The first appointment of the Board shall be made by the Senate as soon as is practicable after the repeal of Chapter XXX of the By-laws relating to the Department of Adult Education.

4. On the first occasion when the Board is appointed, the members in the category referred to in Resolution 2 (h) shall be appointed by the Senate on the nomination of the Director of the Department of Adult Education.

5. (1) Subject to resolution 5 (2), the Board shall elect a Chairman from among its members annually at the first meeting after is appointment.

(2) The Board which is first appointed by the Senate shall elect a Chairman from among its members at the first meeting after its appointment.

6. (1) Subject to resolution 6 (2), members appointed to the Board shall hold office from the date of their appointment until the next annual appointment of the Board.

(2) Except as otherwise provided elsewhere in these resolutions, a person shall cease to hold office in the event of ceasing to hold the qualification which made that person eligible for appointment.

7. The members of the Joint Committee for Tutorial Classes and of the Extension Board appointed in accordance with the By-laws previously in force shall be deemed to hold office until the day prior to that on which the Senate makes the first appointment of the Board of Adult Education in accordance with these resolutions.

8. (1) The Board shall meet not less than three times in each calendar year.

(2) At any meeting of the Board ten members shall form a quorum.

9. (1) Subject to resolution 9 (2), any casual vacancy may be filled by a like method of appointment to that employed for the relevant category of appointment and the person so appointed shall hold office for the balance of the term of the person who is replaced.

(2) Any casual vacancy in respect of the category of appointment referred to in resolution 2 (h) may be filled by appointment by the Senate on the nomination of the Director of the Department of Adult Education and the person so appointed shall hold office for the balance of the term of the person who is replaced.

10. The Board shall—

(a) review the policies and operations of the Department of Adult Education,

(b) make recommendations to the Senate on the appointment of part-time teaching staff and

(c) make such other recommendations and conduct such other business as it thinks fit and consider and report on all matters referred to it by the Senate, the Academic Board or the Vice-Chancellor.

11. The Board shall, not later than the month of July in each year, lay before the Senate a report for the preceding calendar year.

12. The Board may appoint Standing Committees and *ad hoc* Committees, whose membership may include persons who are not members of the Board, to consider and report to it on specified matters or to exercise such of the powers and functions of the Boards as are specified in the resolutions constituting such Committees or in subsequent resolutions of the Board.

13. The area of work of the Department of Adult Education shall be adult educational activities of various kinds offered or open to the general public or to particular groups within the community, comprising—

(a) tutorial classes,
(b) courses of lectures or seminars,
(c) single lectures,
(d) residential and non-residential schools and conferences,
(e) correspondence schemes, including discussion group schemes,
(f) publications, including the publication of the Current Affairs Bulletin of which the Director of the Department of Adult Education or his nominee approved by the Vice-Chancellor shall be editor,
(g) adult educational television and radio,
(h) community development-type activities,
(i) assistance by way of advice or other guidance to community organisations engaging in educational activities among adults or arranging courses of study directed to their needs and
(j) such other adult educational activities as the Board may from time to time approve.

Diploma in Social Work

BY-LAWS CHAPTER XXXI

[*These by-laws, which apply only to candidates for the Diploma in Social Work who commenced their candidature prior to* 1 *January* 1970, *are printed in the Calendar for* 1975 *and previous years.*]

Academic dress

BY-LAWS CHAPTER XXXII

1. The academic dress shall be for—

(i) The Chancellor—a robe and cap similar to those worn by the Chancellor of the University of Oxford. In undress, the silk gown worn by other Fellows of the Senate, black velvet trencher cap and gold tassel.

The Deputy Chancellor and Vice-Chancellor—a robe and cap as approved by the Senate. In undress as for the Chancellor.

(ii) A Fellow of the Senate—the habit of his degree or a black silk gown similar to that worn by graduates holding the degree of Master, with tippet of scarlet cloth, edged with white fur and lined with blue silk, black velvet trencher cap.

(iii) A Dean of a Faculty—the habit of his degree or a black silk gown similar to that worn by graduates holding the degree of Master, with tippet of black silk edged with white fur and lined with dark blue silk, black cloth trencher cap.

(iv) Doctors—

Doctor of Letters—festal gown of scarlet cloth faced with cream silk, hood of scarlet cloth lined with cream silk.

Doctor of Divinity—festal gown of scarlet cloth faced with white and scarlet silk, hood of scarlet cloth lined with white silk and edged to a depth of 5 centimetres with scarlet silk.

Doctor of Laws—festal gown of scarlet cloth faced with blue silk, hood of scarlet cloth lined with blue silk.

Doctor of Medicine—festal gown of scarlet cloth faced with purple silk, hood of scarlet cloth lined with purple silk.

Doctor of Science—festal gown of scarlet cloth faced with amber silk, hood of scarlet cloth lined with amber silk.

Doctor of Engineering—festal gown of scarlet cloth faced with light maroon silk, hood of scarlet cloth lined with light maroon silk.

Doctor of Dental Science—festal gown of scarlet cloth faced with purple and cream silk, hood of scarlet cloth lined with purple silk and edged to a depth of 5 centimetres with cream silk.

Doctor of Veterinary Science—festal gown of scarlet cloth faced with amber and purple silk, hood of scarlet cloth lined with amber silk and edged to a depth of 5 centimetres with purple silk.

Doctor of Science in Agriculture—festal gown of scarlet cloth faced with green silk, hood of scarlet cloth lined with green silk.

Doctor of Music—festal gown of scarlet cloth faced with lilac silk, hood of scarlet cloth lined with lilac silk.

Doctor of Science in Economics—festal gown of scarlet cloth faced with amber and murrey silk, hood of scarlet cloth lined with amber silk and edged to a depth of 5 centimetres with murrey silk.

Doctor of Architecture—festal gown of scarlet cloth faced with brick-red and white silk, hood of scarlet cloth lined with brick-red silk and edged to a depth of 10 centimetres with white silk.

For all Doctors except Doctor of Philosophy a black velvet bonnet with gold cord.

(v) Doctor of Philosophy—festal gown of black cloth faced to a width of 15 centimetres with scarlet cloth, hood of scarlet cloth lined with black silk, black cloth trencher cap.

(vi) The undress gown for all Doctors shall be black and of the same shape as the gown prescribed for Masters but with the sleeves bound with scarlet piping.

(vii) Masters—gown similar to that worn by graduates holding the degree of Master of Arts in the University of Oxford or of Cambridge, black cloth trencher cap, hood of black silk:

Master of Arts—lined with blue silk.

Master of Education—lined with white silk.

Master of Laws—lined with ultramarine silk.

Master of Surgery—lined with scarlet silk.

Master of Science—lined with amber silk.

Master of Pharmacy—lined with amber silk and edged to a depth of 5 centimetres with copper silk.

Master of Engineering—lined with light maroon silk.

Master of Engineering Science—lined with light maroon silk and edged to a depth of 5 centimetres with dark maroon silk.

Master of Dental Surgery—lined with purple silk and edged to a depth of 5 centimetres with cream silk.

Master of Dental Science—lined with cream silk and edged to a depth of 5 centimetres with purple silk.

Master of Veterinary Science—lined with amber silk and edged to a depth of 5 centimetres with purple silk.

Master of Science in Agriculture—lined with green silk.

Master of Economics—lined with copper silk.

Master of Architecture—lined with brick-red silk and edged to a depth of 5 centimetres with white silk.

Master of Town and Country Planning—lined with brick-red silk, then a line 2 centimetres wide of amber silk, and edged to a depth of 5 centimetres with turquoise blue silk.

Master of Building Science—lined with brick-red silk, then edged to a depth of 5 centimetres with amber silk, then edged to a

depth of 5 centimetres with light maroon silk.
Master of Science (Architecture)—lined with amber silk and edged to a depth of 5 centimetres with brick-red silk.
Master of Music—lined with lilac silk.
Master of Social Studies—lined with white silk and edged with royal blue silk.
Master of Business Administration—lined with scarlet silk and edged with murrey silk.
Master of Agriculture—lined with light green silk.
Master of Public Policy—lined with scarlet silk and edged with royal blue silk.
Master of Theology—lined with scarlet silk and edged to a depth of 10 centimetres with white silk.
Master of Public Health—lined with imperial purple silk and edged to a depth of 10 centimetres with scarlet silk.
Master of Psychology—lined with royal blue silk.
Master of Veterinary Clinical Studies—lined with imperial purple silk and edged to a depth of 5 centimetres with amber silk.
Master of Agricultural Economics—lined with green silk and edged to a depth of 5 centimetres with copper silk.
Master of Science (Architecture) (Conservation)—lined with amber silk, then edged to a depth of 5 centimetres with white silk, then edged to a depth of 5 centimetres with copper silk.
Master of Land Economy—lined with brick-red silk, then a line 2 centimetres wide of white silk and edged to a depth of 5 centimetres with copper silk.

(viii) Bachelors—a gown similar to that worn by graduates holding the degree of Bachelor of Arts in the University of Oxford or of Cambridge, black cloth trencher cap, hood of black silk:
Bachelor of Arts—similar to that worn by graduates holding the degree of Bachelor of Arts in the University of Cambridge.
Bachelor of Divinity—lined with white silk and edged with scarlet silk.
Bachelor of Education—edged with white silk.
Bachelor of Music—edged with lilac silk.
Bachelor of Social Studies—edged with dark blue and white silk.
Bachelor of Laws—edged with blue silk.
Bachelor of Medicine—edged with purple silk.
Bachelor of Surgery—edged with scarlet silk.
Bachelor of Science (Medical)—edged with amber and crimson silk.
Bachelor of Science, Bachelor of Science in Forestry, Bachelor of Science in Domestic Science, and Bachelor of Science in General Science—edged with amber silk.
Bachelor of Pharmacy—edged with amber and copper silk.
Bachelor of Engineering—edged with light maroon silk.
Bachelor of Science in Chemical Engineering—edged with light maroon and amber silk.
Bachelor of Dental Surgery—edged with purple and cream silk.
Bachelor of Veterinary Science—edged with amber and purple silk.
Bachelor of Science (Veterinary)—edged with purple and gold silk.
Bachelor of Science in Agriculture—edged with green silk.
Bachelor of Agriculture—edged with light green silk.
Bachelor of Economics—edged with copper silk.
Bachelor of Architecture—lined with white silk and edged with brick-red silk.
Bachelor of Science (Architecture)—edged with amber and brick-red silk.
Bachelor of Science (Dental)—edged with neyron rose and imperial purple silk.
Bachelor of Agricultural Economics—edged with green and copper silk.
Bachelor of Landscape Studies—lined with white silk and edged with bronze-green silk.

(ix) An officer not being a graduate—black silk gown similar to that worn by a civilian at the University of Oxford or of Cambridge not holding a degree, black cloth trencher cap.

(x) Undergraduates—plain black stuff gown, black cloth trencher cap.

The colours shall be as defined by the Academic Board.[1]

Edged shall mean unless otherwise stated, edged to a depth of 10 centimetres.

Where two colours are stated the second shall be to the outside.

2. Members of the University shall, on all public occasions when convened for academic purposes, appear in their academic dress.

[1] The Academic Board has defined the colours as follows:
The colours mentioned shall be as defined in the British Colour Council Dictionary of Standard Colours, 1934 edition, and the numbers which follow are those by which the Dictionary identifies the colours approved for the purpose of academic dress:

Scarlet, B.C.C. No. 185.	Dark maroon, B.C.C. No. 39.
Blue, B.C.C. No. 193.	Copper, B.C.C. No. 73.
Dark blue, B.C.C. No. 148.	Brick red, B.C.C. No. 125.
Cream, B.C.C. No. 3.	Turquoise blue, B.C.C. No. 193.
Purple, B.C.C. No. 109.	Crimson, B.C.C. No. 185.
Amber, B.C.C. No. 5.	Gold, B.C.C. No. 54.
Light maroon, B.C.C. No. 36.	Murrey, B.C.C. No. 135.
Green, B.C.C. No. 213.	Royal blue, B.C.C. No. 197.
Light green, B.C.C. No. 99.	Bronze-green, B.C.C. No. 79
Lilac, B.C.C. No. 176.	Imperial purple, B.C.C. No. 109
Ultramarine, B.C.C. No. 148.	Neyron rose, B.C.C. No. 35
White, B.C.C. No. 151.	

Appointments Board

BY-LAWS CHAPTER XXXIII

[*Repealed.*]

RESOLUTIONS OF THE SENATE

CAREERS AND APPOINTMENTS SERVICE AND APPOINTMENTS BOARD

1. There shall be a Careers and Appointments Service which shall provide careers information and advice to undergraduates and recent graduates and assist them in obtaining suitable appointments.

2. There shall be an Appointments Board which shall supervise and advise the Careers and Appointments Service and deal with such other matters as the Senate may refer to the Board.

3. There shall be a Director of the Careers and Appointments Service who shall be Secretary of the Board.

4. (1) The Board shall comprise the following persons:

(a) the Director of the Careers and Appointments Service;

(b) not more than fourteen members appointed by the Senate comprising—

(i) not more than six to be chosen from business, administration or the professions,

(ii) not more than four being members of the full-time academic staff to be nominated by the Academic Board,

(iii) not more than three being students enrolled for an undergraduate degree of the University of Sydney to be nominated by the Students' Representative Council and

(iv) not more than one being a student enrolled for a postgraduate degree or diploma of the University of Sydney to be nominated by the Sydney University Postgraduate Representative Association;

(c) not more than two persons co-opted by the members mentioned in the foregoing subsections (a) and (b).

(2) Pursuant to subsection (1) (b), the Senate shall appoint not more than fourteen members at its regular meeting in October, 1973, and at its regular meeting in October every third year thereafter.

(3) (a) Subject to subsection (3) (b), the members appointed by the Senate pursuant to subsection (2) shall hold office for a period of three years commencing on 1st November following their appointment.

(b) The members co-opted pursuant to subsection (1) (c) shall hold office for the period commencing on the date of their co-option and terminating on 31st October of the year in which the next triennial appointment of members by the Senate takes place.

(c) Subject to subsection (3) (d), members shall be eligible for re-appointment or re-co-option.

(d) A person shall cease to hold office if he ceases to hold the qualifications in respect of which he was eligible for appointment.

(4) Any vacancy occurring by the death, disqualification or resignation of an appointed or co-opted member may be filled by a like method of appointment or co-option as the case may be and a person so appointed or co-opted shall hold office for the balance of the term of the person he replaces.

(5) The members of the Board appointed in accordance with the By-laws previously in force shall be deemed to hold office until 31st October, 1973.

5. (1) At the first meeting of the Board after its triennial appointment the members mentioned in section 4 (1) (a) and (b) shall elect from amongst their number a Chairman of the Board who shall hold office until 31st October of the year in which the next triennial appointment of members by the Senate takes place.

(2) Any vacancy in the office of Chairman occurring by death, disqualification or resignation shall be filled by a like method of election at a duly convened meeting of the Board to be held as soon as conveniently may be and the Chairman so elected shall hold office for the balance of the term of the person he replaces.

6. (1) The Board shall meet at least once in each year.

(2) A meeting of the Board may be convened at any convenient time by the Chairman or on the requisition of any five members addressed to the Secretary of the Board.

(3) At any meeting of the Board five members shall form a quorum.

7. In or before the month of October in each year the Board shall lay before the Senate a report covering the preceding twelve months ending at 30th June.

Postgraduate Committee in Medicine

BY-LAWS CHAPTER XXXIV

[*Repealed.*]

RESOLUTIONS OF THE SENATE

THE VICTOR COPPLESON MEMORIAL INSTITUTE OF POSTGRADUATE MEDICAL STUDIES

1. In consideration of support derived from the Postgraduate Medical Foundation and from the Victor Coppleson Memorial Appeal Fund there shall be an institute to be known as the Victor Coppleson Memorial Institute of Postgraduate Medical Studies for the promotion of postgraduate education, study, work and research in Medicine and the advancement of the art and science of Medicine.

2. The Institute shall be administered by the Postgraduate Committee in Medicine.

3. (a) The Director of Postgraduate and Continuing Education of the Postgraduate Committee in Medicine shall be the Director of the Institute.

(b) The Director's appointment may be honorary or paid and part-time or full-time as resolved by the Senate on the recommendation of the Postgraduate Committee in Medicine.

4. The Institute and its officers shall have such powers, duties and functions as may be prescribed by, or under resolution of the Senate, provided that all acts of the Institute shall be subject to the By-laws and to any direction which may be given by the Senate.

5. The Senate shall provide such secretarial assistance and other staff as it deems proper for the Institute, provided that the staff of the Postgraduate Committee in Medicine employed at the date of the constitution of the Institute shall, on and from that date, be transferred to the Institute without loss of continuity of employment.

6. The Institute may

(a) organise postgraduate courses, demonstrations and lectures and other postgraduate instruction in Medicine within the University or elsewhere in New South Wales.

(b) engage in such activities as are desirable for promoting postgraduate education, study, work and research in Medicine and for advancing the art and science of Medicine.

(c) co-operate with scientific bodies recognised as having similar or allied objects, and

(d) do such things as are proper for any of the matters mentioned in these resolutions.

7. The Institute shall recommend to the Senate

(a) the persons to be employed as lecturers,

(b) the hospitals to be approved for postgraduate work, and

(c) the scientific bodies to be recognised as having similar or allied objects.

8. Subject to the overriding authority of the Senate, the Institute may

(i) determine

(a) the tenure of office of lecturers and the duties to be performed by them,

(b) the remuneration and expenses to be paid in respect of lectures, demonstrations and classes, and

(c) the fees, charges and moneys to be paid to the Institute or to any person on its behalf in respect of lectures, demonstrations and classes or otherwise:

(ii) give such directions in regard to any matters referred to in (i), including the time and mode of payment of the fees, charges and moneys referred to in paragraph (c), as it thinks fit.

9. All moneys received by or on behalf of the Institute shall be paid to the University forthwith, and shall be set apart as a separate fund, to be known as the Postgraduate Fund in Medicine and to be used for carrying on the work of the Institute, or set apart as such separate funds for special purposes as the Postgraduate Committee in Medicine may determine.

10. (a) All moneys for expenses incurred by the Institute or to be applied for any purpose within these resolutions shall be paid from these funds.

(b) All requisitions for payment of moneys from these funds shall be signed by the Director of the Institute or by such person or persons as shall have authority delegated by him.

(c) All such requisitions shall be forwarded to the Accountant of the University.

11. The Accountant of the University shall render a monthly financial statement to the Institute and shall give such information in regard to the fund as the Institute may desire and shall prepare a balance sheet of the fund as at 31st December of the previous year for presentation at the annual meeting.

12. (a) The Institute shall provide the Vice-Chancellor with a budget each year in respect of the finances of the following year in a form approved by the Vice-Chancellor.

(b) The Institute shall each year lay before the Senate and the Postgraduate Committee in Medicine a report of its proceedings for the year.

13. The Institute may make rules for the carrying out of these resolutions.

RESOLUTIONS OF THE FACULTY OF MEDICINE

POSTGRADUATE COMMITTEE IN MEDICINE

1. There shall be a Committee of the Faculty of Medicine to be known as the Postgraduate Committee in Medicine, for the promotion of postgraduate education, study, work and research in Medicine and the advancement of the art and science of Medicine.

2. In particular, the objectives of the Committee shall be as follows:

(a) To foster the development of postgraduate education in cooperation with the Health Commission of New South Wales and teaching hospitals of the University of Sydney, learned colleges and other institutions;

(b) To maintain the role of the Victor Coppleson Memorial Institute of Postgraduate Medical

Studies in furthering continuing education in the community and in supporting medical research and postgraduate training;

(c) To encourage awareness among undergraduate medical students and graduates of the need for postgraduate and continuing education.

3. The Committee shall administer the Victor Coppleson Memorial Institute of Postgraduate Medical Studies and undertake such duties and responsibilities as are prescribed by the Resolutions of the Senate governing the activities of the Institute.

4. (i) The Committee shall comprise the following persons:

(a) The Dean of the Faculty of Medicine *ex officio*, or his nominee who shall be eligible for election as Sub-Dean (Postgraduate and Continuing Education);

(b) the Director of Postgraduate and Continuing Education *ex officio*;

(c) the immediate past Chairman, immediate past Director of Postgraduate Medical Studies and immediate past Honorary Treasurer of the Postgraduate Committee in Medicine, in accordance with the Resolutions of the Senate in force prior to 1 April, 1980, *ex officio*;

(d) not more than ten (10) persons elected by the Faculty every three years;

(e) not more than two (2) co-opted persons who shall be appointed by the Faculty on the recommendation of the Chairman in consultation with the members of the Committee appointed under paragraphs (b) to (d), inclusive.

(ii) The members of the Committee appointed under Resolution 4 (i) (c), (d) and (e) shall hold office for a period of one term and may be eligible for reappointment by the Faculty for not more than three (3) successive terms.

(iii) A term, referred to in Resolution 4 (ii), shall be a period of three (3) years.

5. Any person who is appointed a member of the Committee and who is not a member of the Faculty in accordance with Chapter XII of the By-laws, shall be nominated for appointment to membership of the Faculty, in accordance with Section 1 (a) (1) of Chapter XII of the By-laws.

6. (i) If any member (other than an *ex officio* member) is absent without leave of the Committee from three consecutive meetings or for more than half the total in any one year, the Committee may recommend to the Faculty that his office be declared vacant.

(ii) Except in the case of an *ex officio* member, the Committee may recommend to the Faculty that the office of any member be terminated.

(iii) In any case in which it thinks fit the Faculty may declare the office of any member to be vacant, or direct that he shall cease to hold office.

(iv) Any member (other than an *ex officio* member) may resign his office in writing addressed to the Dean.

7. Any vacancy occurring by the death, disqualification or resignation of an elected or co-opted member of the Committee may be filled by the appointment of a member by the Faculty on the nomination of the Dean, to hold office for the balance of the term of the member being replaced.

8. The Committee shall appoint annually the following Sub-Committees:

(i) a Finance Sub-Committee;

(ii) a Courses Sub-Committee;

(iii) a Grants Sub-Committee;

(iv) a Coordinating Sub-Committee, which may include representatives from:

(a) The following teaching hospitals of the Faculty of Medicine:
The Royal Prince Alfred Hospital;
The Sydney Hospital;
The Royal North Shore Hospital;
The Repatriation General Hospital, Concord;
The Lidcombe Hospital;
The Parramatta Hospitals/Westmead Centre;
The Royal Alexandra Hospital for Children;
The Women's Hospital, Crown Street;
St Margaret's Hospital for Women;
The Mater Misericordiae Hospital, Crows Nest;
and such other hospitals as the Committee may, from time to time, recommend.

(b) The New South Wales Branch of the Australian Medical Association.

(c) The Medical Board of New South Wales.

(d) The Health Commission of New South Wales.

(e) The Heads of the Departments of the Faculty of Medicine, or their nominees, who are not members of the Committee by virtue of Resolutions 4 (i) (d) and (e).

(f) The New South Wales State Committee of the Australian College of Obstetricians and Gynaecologists.

(g) The Royal Australian College of General Practitioners, New South Wales Faculty.

(h) The New South Wales State Committee of the Royal Australasian College of Surgeons.

(i) The New South Wales State Committee of the Royal Australasian College of Physicians.

(j) The New South Wales State Committee of the Royal College of Pathologists of Australia.

(k) The Australasian College of Dermatologists, New South Wales Faculty.

(l) The New South Wales Branch of the Royal Australian College of Ophthalmologists.

(m) The New South Wales Branch of the Royal Australian and New Zealand College of Psychiatrists.

(n) Such other statutory bodies, learned colleges, or institutions as the Committee may, from time to time, recommend.

(v) Such other Sub-Committees as the Committee may, from time to time, determine.

9. The Dean of the Faculty, or his nominee (referred to in Resolution 4 (i) (a)) shall be the Chairman of the Committee.

10. Meetings of the Committee shall be convened by the Chairman and for any meetings five members shall form a quorum.

11. The Committee shall lay before the Faculty of Medicine a report of its proceedings each term.

Postgraduate Committee in Veterinary Science

BY-LAWS CHAPTER XXXV

1. There shall be a committee to be known as the Postgraduate Committee in Veterinary Science, for the promotion of postgraduate education, study, work and research in Veterinary Science.
2. The Committee shall consist of—
   (a) the Chancellor, the Deputy Chancellor, the Vice-Chancellor, such Fellows of the Senate as are qualified to be members of the veterinary profession, the Dean of the Faculty of Veterinary Science and the President of the Board of Veterinary Surgeons of New South Wales as *ex officio* members;
   (b) representative members, but not more than twenty appointed by the Senate;
   (c) co-opted members, if any, but not more than four, who may be elected by the *ex officio* and the appointed members;
   (d) members, if any, by virtue of appointment as chairman, as honorary director of postgraduate veterinary studies, or as honorary secretary.
3. A chairman, an honorary director of postgraduate veterinary studies who may also be chairman or honorary secretary, and an honorary secretary shall be appointed by the Senate either from among the members of the Committee or otherwise.

Any person so appointed shall, except in the case of an *ex officio* member, be a member by virtue of such appointment, and his membership, if any, as a representative or co-opted member shall cease.

4. The chairman, honorary director of postgraduate veterinary studies, honorary secretary and representative members shall be appointed, and a vacancy in any such office may be filled by the Senate on the recommendation of the Committee.

Provided that the first appointment of chairman, honorary director of postgraduate veterinary studies, honorary secretary and representative members may be made as the Senate deems proper.

Where a representative member has leave from the Committee to be absent for a period exceeding three months, the Senate may appoint a person as a representative member in his place during such absence.

5. Members (other than *ex officio* members) shall have such qualifications and hold office for such periods and subject to such conditions as may be prescribed by resolution of the Senate.
6. The Committee and its officers shall have such powers, duties and functions as may be prescribed by or under resolution of the Senate, provided that all acts of the Committee shall be subject to the By-laws and to any direction which may be given by the Senate.
7. The Senate shall provide such secretarial assistance as it deems proper for the Committee.

RESOLUTIONS OF THE SENATE

POSTGRADUATE COMMITTEE IN VETERINARY SCIENCE

The Committee

1. Representative members shall be appointed in respect of the following bodies:
   (a) the Faculty of Veterinary Science;
   (b) the New South Wales Division of the Australian Veterinary Association;
   (c) the Division of Animal Health, Department of Agriculture, N.S.W.;
   (d) the CSIRO;
   (e) the Association of Veterinary Inspectors of N.S.W.;
   (f) the Postgraduate Foundation in Veterinary Science;
   (g) such other bodies, if any, as the Senate may determine.

There shall be four representative members of the New South Wales Division of the Australian Veterinary Association, two representative members from each of the Faculty of Veterinary Science and CSIRO and one from each of the Division of Animal Health, Department of Agriculture, N.S.W., the Association of Veterinary Inspectors of N.S.W., and the Postgraduate Foundation in Veterinary Science.

A recommendation of the Committee to the Senate of any person for appointment as a representative member shall specify the body in respect of which he is to be appointed.

Before making the recommendation the Committee shall consult the body concerned, except in the case of members representative of the teaching staff of the Postgraduate Committee.

2. Co-opted members, if any, shall be selected at the annual meeting of the Committee or at such other times as the Committee may determine.
3. No person shall be a member representative:
   (a) of the Faculty of Veterinary Science, unless he is a member of the Faculty;
   (b) of the New South Wales Division of the Australian Veterinary Association, unless he is a member of the Division;
   (c) of any other body, unless he has such qualifications as the Senate may think proper.
4. (1) Subject to subsection (2), members (other than *ex officio* members) shall hold office as follows—
   (a) a representative member, until he ceases to be qualified to be a member representative of the body in respect of which he is appointed;
   (b) a co-opted member for one year from 1st June following his election; and
   (c) a person who is a member by virtue of his appointment as chairman, honorary director of postgraduate veterinary studies or honorary secretary, until he ceases to be chairman, honorary director of postgraduate veterinary studies or honorary secretary, as the case may be.

(2) The Committee may, by rule approved by the Senate, fix such period as it thinks fit for the holding of office by a member representative of such body as may be specified in the rule or by a person

who is a member by virtue of his appointment as chairman, honorary director of postgraduate veterinary studies or honorary secretary.

(3) The members representative of the New South Wales Division of the Australian Veterinary Association and the Association of Veterinary Inspectors of N.S.W. shall hold office for one year from 1st June following their appointment.

(4) The members by virtue of their appointment as chairman, honorary director of postgraduate veterinary studies or honorary secretary shall hold office for three years from 1st June following their appointment.

(5) The members representative of the Faculty of Veterinary Science, Division of Animal Health, Department of Agriculture, N.S.W., CSIRO, and the Postgraduate Foundation in Veterinary Science, shall hold office for three years from 1st June following their appointment.

5. If any member (other than an *ex officio* member) is absent without leave of the Committee from three consecutive meetings or for more than half the total in any one year, the Committee may recommend to the Senate that his office be declared vacant.

Except in the case of an *ex officio* member the Committee may recommend to the Senate that the office of any member be terminated.

In any case in which it thinks fit the Senate may declare the office of any member to be vacant, or direct that he shall cease to hold office. Any member (other than an *ex officio* member) may resign his office in writing addressed to the Registrar.

Powers, duties, and functions of the Committee

6. The Committee may:

(a) organise postgraduate courses, demonstrations and lectures, and other postgraduate instruction in Veterinary Science within the University or elsewhere;

(b) engage in such activities as it thinks desirable for promoting postgraduate education, study and work in Veterinary Science;

(c) co-operate with scientific bodies recognised as having similar or allied objects;

(d) do such things as it thinks proper for any of the matter mentioned in this resolution.

7. The Committee shall recommend to the Senate:

(a) the persons to be employed as lecturers;

(b) the scientific bodies to be recognised as having similar or allied objects;

(c) the establishments to be approved for postgraduate work.

8. The Committee may determine:

(a) the tenure of office of lecturers, and the duties to be performed by them;

(b) the remuneration and expenses to be paid in respect of lectures, demonstrations, and classes;

(c) the fees, charges, and moneys to be paid to the Committee or to any person on its behalf in respect of lectures, demonstrations, and classes or otherwise.

The Committee may give such directions in regard to any of these matters including the time and mode of payment of the fees, charges, and moneys referred to in paragraph (c) as it thinks fit.

9. All moneys received by or on behalf of the Committee shall be paid to the University forthwith, and shall be set apart as a separate fund, to be known as the Postgraduate Fund in Veterinary Science, and to be used for carrying on the work of the Committee, or set apart as such separate funds for special purposes as the Postgraduate Committee may determine.

All donations, bequests and government grants made for the promotion of postgraduate education in Veterinary Science and such moneys as may be granted or advanced by the Senate to the Committee, shall be paid into such fund as the Postgraduate Committee may determine and applied in accordance with the trust or directions, if any.

10. All moneys for expenses incurred by the Committee or to be applied for any purpose within these resolutions shall be paid from these funds.

All requisitions for payment of moneys from these funds shall be signed by the chairman or by the honorary secretary or by an executive officer authorised by the Committee to sign in lieu of the chairman or honorary secretary.

All such requisitions shall be forwarded to the Accountant of the University.

11. The Accountant of the University shall render a monthly financial statement to the honorary secretary of the Committee and shall give such information in regard to the funds as the Committee may desire and shall prepare a balance sheet of the funds as at 31st December of the previous year for presentation at the annual meeting.

12. The Committee shall each year lay before the Senate a report of its proceedings for the year, and may forward a copy of its report and of the balance sheet of the fund to the Committee of the New South Wales Division of the Australian Veterinary Association.

Officers and sub-committees

13. (1) The Committee shall at the first meeting, provided that this meeting is held before 31st May, following the annual general meeting recommend the appointment of a chairman, an honorary director of postgraduate veterinary studies and an honorary secretary who shall hold office as prescribed under section 4 (4) of these resolutions, provided that in the event of a vacancy occurring the Committee may, at any meeting, recommend the filling of the vacancy for the remainder of the term.

(2) The Committee may at the first meeting, provided that this meeting is held before 31st May, following the annual general meeting elect a vice-chairman and an honorary treasurer who shall hold office so long as the persons so elected remain members of the Committee and provided that in the event of a vacancy occurring the Committee may, at any meeting, fill the vacancy for the remainder of the term.

14. The chairman, the vice-chairman, the honorary secretary, the honorary treasurer and the director of Postgraduate Veterinary Science Studies shall, together with such additional members as may be elected by the Committee at the first meeting following the annual general meeting, form the Executive and Finance Committee, which shall have power to co-opt additional members from amongst the members of the Committee. Elected and co-opted members of the Executive and Finance Committee shall hold office until 31st May next following their election or co-option.

15. The Committee may appoint such subcommittees as it deems proper.

Meetings

16. The Committee shall meet once a quarter, but may be summoned at any time by the chairman (or in

his absence, by the vice-chairman), or by any three members of the Committee.

The annual meeting of the Committee shall be held in Lent term in each year, at which meeting the annual report and balance sheet shall be presented.

Notice of any meeting shall be in writing, and except in any emergency shall be given at least seven days before the meeting. At any meeting of the Committee four shall form a quorum.

By-laws, resolutions and rules

17. The Committee may at any time submit to the Senate proposals for the better working or the amendment of the By-laws or Resolutions including proposals regarding representation of bodies, tenure of office of members, and powers, duties and functions, of the Committee.

18. The Committee may make rules for carrying out these Resolutions.

Additional resolutions of the Senate

RESTRICTION UPON NUMBER OF STUDENTS WHO MAY ENROL

The Senate has resolved that the Senate may admit or decline to admit any matriculated student to any particular Faculty or particular course and may determine the number of students who shall be permitted to enrol or continue in any Faculty or for any course.

In the event of more students seeking to enrol or continue in any Faculty or course than the number so determined, students up to that number shall be selected by such methods of determining merit as the Senate thinks proper and only the students so selected shall be permitted to enrol or continue in that Faculty or course.

The Senate has determined that there shall be restriction of entry into first year in each of the Faculties. The Faculty quotas for undergraduates in first year in 1984 are as follows:

Arts	1150
Arts/Law Economics/Law	210
Arts/Social Studies	20
Law	105
Medicine	240
Science (including 125 for the Bachelor of Pharmacy)	815
Engineering	320
Dentistry	100
Veterinary Science	80
Agriculture	110
Economics	320
Architecture	75
Others, including:	
B.Ed.	110
B.Mus.	10
B.Soc.Stud.	60
TOTAL	3725

The Senate has determined that—

(a) there shall be an overseas quota, entry to which is limited to

(1) sponsored overseas students who hold acceptable qualifications and

(2) private overseas students who have qualified to matriculate with an Australian secondary educational programme.

(b) the quotas for Overseas Students for 1984 are as follows:

Arts	20
Law	5
Medicine	6
Science	12
Pharmacy	4
Engineering	10
Dentistry	4
Veterinary Science	4
Agriculture	4
Economics	10
Architecture	5
Bachelor of Education	1
Bachelor of Music	1
Bachelor of Social Studies	4
	90

The Senate determined the Special Admissions Quotas for 1984 as follows:

Mature age	70
Educationally disadvantaged	40
Either of above categories	20
	130

The Senate has resolved that for candidates seeking admission to a Faculty or course on the basis of results obtained at the Higher School Certificate Examination taken after 1st October 1981 selection will be based on each applicant's aggregate mark arrived at by dividing his results in each course in matriculation subjects by the unit value of that course and then adding together the marks in his ten best units.

ADMISSION OF STUDENTS TO FIRST YEAR

The Senate has determined that—

The Registrar, acting in consultation with the Committee representing the various Faculties and Courses, be authorised to offer a small number of places to applicants for places in the various quotas who would otherwise have been unsuccessful and who had demonstrated meritorious performance at another tertiary institution provided that the performance at the other institution was relevant to the application.

In addition a student's tertiary record in relevant courses may be taken into account in considering the application for an offer of a place, even where the student's selection aggregate would have gained him or her selection into a quota. Faculties and Boards of Studies wishing to implement this Resolution will be required to make the necessary recommendation to the Board through the Admissions Committee no later than March of the year preceding that in which implementation is desired.

DEFERRED FIRST YEAR ADMISSIONS

1. Except as provided in resolutions 2 and 3, a person granted admission to First Year in any Faculty or under any Board of Studies may be permitted to defer enrolment in that Faculty or under that Board of Studies for one year on making written application to the Registrar, provided that the request for deferment has been made by the date set for the acceptance of the offer of admission in the first round of offers. Requests for deferment received after this date or for deferment for more than one year may be granted on the showing of good cause.

2. Deferment of enrolment will not normally be granted to enable an applicant to undertake another tertiary course of study except where the other course has a direct bearing on the proposed university course.

3. A graduate who has been granted admission to First Year in the Bachelor of Music degree course will not be permitted to defer enrolment unless there has been an extreme and unpredictable change of circumstances.

4. An applicant who has previously attended a tertiary institution and who has been granted admission to First Year in the Faculty of Dentistry or the Faculty of Medicine will not be permitted to defer enrolment unless there has been an extreme and unpredictable change of circumstances.

RESTRICTION UPON RE-ENROLMENT

The Resolutions of the Senate concerning the *Restriction Upon Re-enrolment of Certain Students who fail in Annual Examinations* are as follows:

1. The Senate authorises any Faculty or Board of Studies to require a student who comes within the provisions of Resolutions 8 to 24 below to show good cause why he should be allowed to re-enrol or to repeat a year of candidature or a course in that Faculty or Board of Studies.

2. Subject to Resolution 5, the Faculty or Board of Studies may exclude a student who fails to show good cause from—

(a) the degree course or year of candidature concerned and/or

(b) the course or courses concerned both in that Faculty or Board of Studies and in any other Faculty or Board of Studies in which that course or those courses may be taken.

3. Subject to Resolution 5—

(a) any student who has been excluded from a Year of candidature or from a course or courses by a Faculty or Board of Studies in accordance with Resolution 2 and who wishes to re-enrol in that Year of candidature or that course or those courses may apply for such re-enrolment after at least two academic years and that Faculty or Board of Studies may permit him to re-enrol in the Year or the course or courses from which he was previously excluded:

(b) any student who has been excluded from a course or courses by one Faculty or Board of Studies in accordance with Resolution 2 and who wishes to enrol in that course or courses in another Faculty or another Board of Studies may apply for such enrolment after at least two academic years and that other Faculty or Board of Studies may permit him to enrol in the course or courses from which he was previously excluded.

4. Except with the express approval of the Faculty concerned a student excluded from a Year or course who is re-admitted shall not be given credit for any work completed in another Faculty or Board of Studies or another University during the period of exclusion.

5. Before exercising its powers under Resolution 2 or 3 in relation to an individual course, a Faculty or Board of Studies shall consult the Head of the Department or School responsible for the course.

6. The Senate authorises the Faculty or Board of Studies as a whole or a Faculty Committee or Board of Studies Committee representing the main teaching departments in each Faculty or Board of Studies, to carry out all duties arising out of Resolutions 1, 2, 3, 4 and 5.

7. (1) Subject to Resolution 7(2), a student who, having been excluded in accordance with these Resolutions, has been refused enrolment or re-

enrolment in any year or course by any Faculty or Board of Studies, or any Faculty Committee or Board of Studies Committee, may appeal to the Senate.

(2) A second or subsequent appeal to the Senate shall only be heard by leave of the Chancellor or the Deputy Chancellor.

A. Students in all Faculties and Boards of Studies

8. The Senate authorises any Faculty or Board of Studies to require a student to show good cause why he should be allowed to repeat in that Faculty or Board of Studies (a) a year of candidature in which he has failed more than once or (b) any course in which he has failed more than once whether that course was failed when he was enrolled for a degree supervised by that Faculty or Board of Studies or by another Faculty or Board of Studies.

9. The Senate authorises the several Faculties or Boards of Studies to require a student who, because of failure or discontinuation has been excluded from a Faculty or course, either in the University of Sydney or in another tertiary institution, but who has subsequently been admitted or readmitted to the University of Sydney to show good cause why he should be allowed to repeat either (a) the first year of attendance in which after such admission or readmission he fails or discontinues, or (b) any course in which in the first year after admission or readmission he fails or discontinues.

B. Faculty of Agriculture

10. (1) The Senate authorises the Faculty of Agriculture to require a student to show good cause why he should be allowed to re-enrol in the Faculty of Agriculture if, in the opinion of the Faculty, he has not made satisfactory progress towards fulfilling the requirements for the degree.

(2) Satisfactory progress cannot be defined in all cases in advance but a student who has

(i) twice failed, or discontinued enrolment to count as a failure, any course as defined in Resolutions 1, 2, 3 and 5 relating to the degrees of Bachelor of Science in Agriculture or Bachelor of Agricultural Economics or

(ii) at the annual examinations in the second or any subsequent year of enrolment, failed more than sixty percent of the units for which enrolled and has also obtained a weighted average mark of less than fifty percent in the total number of units for which enrolled in the two most recent years of enrolment,[1]

shall be deemed not to have made satisfactory progress.

(3) In cases where the Faculty permits the re-enrolment of a student whose progress has been deemed unsatisfactory, the Faculty may require the completion of specified courses in a specified time, and if the student does not comply with these conditions the student may again be called upon to show good cause why he should be allowed to re-enrol in the Faculty of Agriculture.

C. Faculty of Architecture

11. The Senate authorises the Faculty of Architecture to require a student who is a candidate for the degree of Bachelor of Science (Architecture) or Bachelor of Architecture to show good cause why he should be allowed to re-enrol in the Faculty of Architecture if in any two successive years of attendance he fails to gain credit for at least 40 units.

D. Faculty of Arts

12. (1) The Senate authorises the Faculty of Arts to require a student to show good cause why he should be allowed to re-enrol in the Faculty of Arts if, in the opinion of the Faculty, he has not made satisfactory progress towards fulfilling the requirements for the degree.

(2) Satisfactory progress cannot be defined in all cases in advance but a student who (i) has not passed at least three courses during the first two years of enrolment (not necessarily consecutive calendar years) in the Faculty or (ii) has failed or discontinued enrolment in more than one course twice shall be deemed not to have made satisfactory progress. For this purpose discontinuation in a fourth First Year course shall not be taken into account.

(3) In cases where the Faculty permits a student whose progress has been deemed unsatisfactory to re-enrol, the Faculty may require the completion of specified courses in a specified time, and if the student does not comply with these conditions the student may again be called upon to show good cause why he should be allowed to re-enrol in the Faculty of Arts.

E. Faculty of Dentistry

13. The Senate authorises the Faculty of Dentistry to require a student to show good cause why he should be allowed to re-enrol in the Faculty of Dentistry:

(1) when he has failed Second Year in the Faculty of Dentistry, if he has already taken more than one year to qualify for admission to Second Year; or

(2) when, having first enrolled in the Faculty prior to 1 January 1978 and having failed any course in his last enrolment under the By-laws in force prior to 1 January 1978, he subsequently fails at the first annual examination for which he is required to present himself.

F. Faculty of Economics

14. The Senate authorises the Faculty of Economics to require a student to show good cause why he should be allowed to re-enrol as a candidate for the degree of Bachelor of Economics, if in any two successive years of attendance, he fails to gain credit for at least 16 units.

G. Faculty of Engineering

15. (1) The Senate authorises the Faculty of Engineering to require a student to show good cause why he should be allowed to re-enrol in the Faculty of Engineering, if in the opinion of the Faculty, he has not made satisfactory progress towards fulfilling the requirements for the degree.[1]

(2) Satisfactory progress cannot be defined in all cases in advance but a student who (i) has failed to gain credit for at least half of his enrolment in any

[1] This section applies only to students enrolling in the Faculty for the first time in 1978 or a subsequent year.

[1] This section applies only to students who enrolled in the Faculty for the first time in 1976 or in a subsequent year. For Resolution governing students who commenced prior to 1976, see Calendar 1975, page 303, which read—

The Senate authorises the Faculty of Engineering to require a student to show good cause why he should be allowed to re-enrol in the Faculty of Engineering if in any two successive years of attendance he fails to gain credit for 24 units, unless in the second of these two years he successfully completes all courses attempted in that year.

year or (ii) has failed a major course more than once shall be deemed not to have made satisfactory progress.[1]

(3) In cases where the Faculty permits the re-enrolment of a student whose progress has been deemed unsatisfactory, the Faculty may require the completion of specified courses in a specified time, and if the student does not comply with these conditions the student may again be called upon to show good cause why he should be allowed to re-enrol in the Faculty of Engineering.

H. Faculty of Law

16. See sections 8 and 9 above.

I. Faculty of Medicine

17. (1) The Senate authorises the Faculty of Medicine to require a student to show cause why he should be allowed to re-enrol in the Faculty of Medicine—

(a) when he has failed twice at any barrier assessment; or, subject to Resolution 17 (2),

(b) when, having first enrolled in the Faculty prior to 1 January 1974 and having failed any course in his last enrolment under the By-laws in force prior to 1 January 1974, he subsequently fails at the first barrier assessment for which he is required to present himself.

(2) Resolution 17 (1) (b) shall not apply in the case of a student who, having successfully completed the Second Year under the By-laws in force prior to 1 January 1974, is required by the Faculty to re-enrol in the First Year under the By-laws in force since 1 January 1974.

J. Faculty of Science

18. (1) The Senate authorises the Faculty of Science to require a student to show good cause why he should be allowed to re-enrol in the degree of Bachelor of Science if in the opinion of the Faculty he has not made satisfactory progress towards fulfilling the requirements for the degree.

(2) Satisfactory progress cannot be defined in all cases in advance, but a student who has not gained credit for 58 or more units should be asked to show good cause why he should be allowed to re-enrol as a candidate for the degree of Bachelor of Science if in any two successive years of attendance he fails to gain credit for half the unit value of courses attempted, unless in one of these two years he successfully completes all courses attempted in that year.

(3) In cases where the Faculty permits the re-enrolment of a student whose progress has been deemed unsatisfactory, the Faculty may require the completion of specified courses in a specified time, and if the student does not comply with these conditions, the student may again be called upon to show good cause why he should be allowed to re-enrol in the degree of Bachelor of Science.

19. (1) The Senate authorises the Faculty of Science to require a student to show good cause why he should be allowed to re-enrol in the degree of Bachelor of Pharmacy if in the opinion of the Faculty he has not made satisfactory progress towards fulfilling the requirements for the degree.

(2) Satisfactory progress cannot be defined in all cases in advance, but a student who has not gained credit for 58 or more units shall be asked to show good cause why he should be allowed to re-enrol as a candidate for the degree of Bachelor of Pharmacy, if in any two successive years of attendance he fails in the first of these years to gain credit for 14 units and then fails to gain a total of 22 units in the two years of attendance.

(3) In cases where the Faculty permits the re-enrolment of a student whose progress has been deemed unsatisfactory, the Faculty may require the completion of specified courses in a specified time, and if the student does not comply with these conditions the student may again be called upon to show good cause why he should be allowed to re-enrol in the degree of Bachelor of Pharmacy.

K. Faculty of Veterinary Science

20. (1) The Senate authorises the Faculty of Veterinary Science to require a student to show good cause why he should be allowed to repeat Second Year in the Faculty of Veterinary Science if he has already taken more than one year to qualify for admission to Second Year.

(2)[1] (i) The Senate authorises the Faculty of Veterinary Science to require a student enrolled in the First Year as a candidate for the degree of Bachelor of Veterinary Science to show good cause why he should be allowed to re-enrol in the Faculty of Veterinary Science if, in the opinion of the Faculty, he has not made satisfactory progress towards fulfilling the requirements for the degree.

(ii) Satisfactory progress cannot be defined in all cases in advance, but a student who—

(a) has failed the Trinity Term Barrier Examination twice; or

(b) has passed the Trinity Term Barrier Examination at the second attempt but has then failed to pass all the remaining subjects of First Year,

shall be deemed not to have made satisfactory progress.

L. Board of Studies in Divinity

21. See sections 8 and 9 above.

M. Board of Studies in Education

22. (1) The Senate authorises the Board of Studies in Education to require a student to show good cause why he should be allowed to re-enrol in the Bachelor of Education degree course, if, in the opinion of the Board of Studies, he has not made satisfactory progress towards fulfilling the requirements for the degree.

(2) Satisfactory progress cannot be defined in all cases in advance, but a student who (i) has not passed at least three courses during the first two years of enrolment (not necessarily consecutive calendar years) or (ii) has failed or discontinued enrolment in more than one course twice, shall be deemed not to have made satisfactory progress.

(3) In cases where the Board of Studies permits a student whose progress has been deemed unsatisfactory to re-enrol, the Board of Studies may require the completion of specified courses in a specified time and if the student does not comply with these conditions the student may again be called upon to show good cause why he should be allowed to re-enrol in the Bachelor of Education degree course.

[1] See footnote 1 previous column.

[1] This section applies only to students who enrolled in the Faculty for the first time in 1980 or in a subsequent year.

N. Board of Studies in Music

23. (1) The Senate authorises the Board of Studies in Music to require a student to show good cause why he should be allowed to re-enrol in the Bachelor of Music degree course if, in the opinion of the Board of Studies, he has not made satisfactory progress towards fulfilling the requirements for the degree.

(2) Satisfactory progress cannot be defined in all cases in advance but a student who (i) has not passed at least three courses during the first two years of enrolment (not necessarily consecutive calendar years) or (ii) has failed or discontinued enrolment in more than one course twice shall be deemed not to have made satisfactory progress.

(3) In cases where the Board of Studies permits the re-enrolment of a student whose progress has been deemed unsatisfactory, the Board of Studies may require the completion of specified courses in a specified time, and if the student does not comply with these conditions the student may again be called upon to show good cause why he should be allowed to re-enrol in the Bachelor of Music degree course.

O. Board of Studies in Social Work

24. (1) The Senate authorises the Board of Studies in Social Work to require a student to show good cause why he should be allowed to re-enrol in the Bachelor of Social Studies degree course if, in the opinion of the Board of Studies, he has not made satisfactory progress towards fulfilling the requirements for the degree.

(2) Satisfactory progress cannot be defined in all cases in advance but a student who (i) has not passed at least three courses during the first two years of enrolment (not necessarily consecutive calendar years) or (ii) has failed or discontinued enrolment in more than one course twice shall be deemed not to have made satisfactory progress.

(3) In cases where the Board of Studies permits the re-enrolment of a student whose progress has been deemed unsatisfactory, the Board of Studies may require the completion of specified courses in a specified time, and if the student does not comply with these conditions the student may again be called upon to show good cause why he should be allowed to re-enrol in the Bachelor of Social Studies degree course.

GOOD CAUSE[1]

The Senate has adopted the following definition of 'good cause':

All acceptable reasons cannot be defined in advance, but:

(a) Serious ill health or misadventure, properly attested, will be considered.

(b) Demands of employers, pressure of employment, time devoted to non-university activities will not ordinarily be accepted except as they may be relevant to reasons advanced in (a).

(c) A student's general record, e.g. in other courses, will be taken into account. (In particular, where students transfer from other Faculties, regard will be had to their record in the previous Faculty.)

ADMISSION AFTER EXCLUSION

Applications for admission to a faculty or degree course from persons who have been excluded from a course or courses at this University or another tertiary institution shall be considered by the Admissions Committee of the Academic Board, acting on the advice of the faculties and boards of studies.

CREDIT FOR COURSES AFTER EXCLUSION FROM ANOTHER INSTITUTION

A student gaining a place in the First Year quota at the University of Sydney after having been excluded, or having been asked to show good cause why he should not be excluded, from another tertiary institution shall not be automatically granted credit for courses completed at the other institution. Such a student may, however, at the discretion of the Faculty or Board of Studies concerned be granted credit for or exemption from or in particular courses on the grounds of the work completed at the other institution.

HIGHER DEGREE THESES

1. (1) It is the policy of the Senate that a candidate for a higher degree should not normally be permitted to undertake a programme of advanced study and research which is likely to result in the lodgement of a thesis which cannot be available for use immediately, to be read, photocopied or microfilmed.

(2) An applicant for admission to candidature for a higher degree shall be required to acknowledge awareness of this policy when applying for such admission.

(3) Subject to Resolutions 2 and 3, a higher degree thesis lodged in the University Library or in a departmental library shall be available immediately for use by any person entitled to use the Library or that departmental library and may be read, photocopied or microfilmed by or on behalf of such a person at the discretion of the Librarian or, in the case of a departmental library, the Head of Department provided that each user and recipient of a copy of a thesis shall, in a written statement signed by him, undertake to respect the author's rights under the law relating to copyright.

(4) Except as provided in Resolution 2, a candidate for a higher degree lodging a thesis for examination shall sign the following undertaking:

'I ..... understand that if I am awarded a higher degree for my thesis entitled '.....' being lodged herewith for examination, the thesis will be lodged in the University Library and be available immediately for use by any person entitled to use the Library and may be read, photocopied or microfilmed by or on behalf of such a person at the Librarian's discretion. I understand that the Librarian would require each user and recipient of a copy of the thesis to undertake in writing to respect my rights under the law relating to copyright.

Signed..... Date.....

2. (1) If, at any time between application for admission to candidature and the lodgement of the thesis, it shall appear to the Supervisor and to the Head of the Department that successful prosecution of the candidature will require the use of confidential material which the candidate would not be at liberty fully to disclose in the thesis, the matter shall be reported as soon as practicable to the Faculty or Board of Studies concerned.

[1] See also the Academic Board Resolutions relating to Failure and Re-enrolment after Discontinuation.

(2) The Faculty or Board of Studies may, if it thinks fit, recommend to the Academic Board that the candidate be granted—

(a) permission to include in an appendix to the thesis such material as is essential to the thesis but which, for a limited period, may not be available for general inspection and

(b) exemption, in respect of such an appendix, from the requirement to give the undertaking specified in Resolution 1 (4).

(3) Subject to the provisions of Resolution 3, if the Academic Board resolves to grant such permission and exemption, the Librarian shall restrict access, for a period to be specified by the Academic Board, to any appendix referred to in Resolution 2 (2) (b). This period of restriction shall not exceed five years unless there are exceptional reasons for an extension of the period.

3. (1) The Librarian may grant access to an appendix to a thesis to which access has been restricted in accordance with Resolution 2 (3), to a scholar who—

(a) demonstrates *bona fide* concern with the material in that appendix and

(b) has the written consent of either

(i) the author of the thesis or

(ii) the Head of the Department concerned in a case where the author cannot be contacted, notwithstanding that all reasonable steps have been taken to contact him.

(2) Notwithstanding any other provision of these Resolutions, the examiners of a thesis, including any committee or board of postgraduate studies of a Faculty or Board of Studies or any committee of the Academic Board which is directly concerned with the examination of such thesis, shall have access to the thesis and any appendix of it for the purposes of any examination or re-examination.

4. Immediately a candidate for a higher degree lodges the prescribed number of copies of the thesis with the Registrar for examination, the Registrar shall arrange for a label stating the rights of the author under the laws relating to copyright to be affixed to the inside of the front cover of each copy.

5. For the purposes of these resolutions references to 'theses' shall be taken to include also reference to treatises, dissertations and other similar productions where there is a requirement that a copy of the production be lodged by the Registrar with the Librarian.

Public availability

The following resolutions relating to public availability of higher degree theses should be read in conjunction with the above:

1. A candidate for a higher degree who is preparing for publication material in the thesis submitted for the degree may apply in writing for deferment of the availability of that thesis in the University Library for a specific period of time.

2. The Dean of the Faculty or Chairman of the Board of Studies concerned may, if satisfied that such a deferment is necessary to protect the interests of the applicant:

(a) authorise the Registrar not to lodge the thesis in the Library for a period not exceeding six months from the date of award of the degree;

and may also

(b) recommend that the Faculty or Board of Studies concerned request the Academic Board to approve a longer period of deferment or an extension of the original deferment, provided that the total period of deferment shall not exceed twelve months.

CHANGES IN REQUIREMENTS FOR DEGREES AND DIPLOMAS

Amendment of by-laws and resolutions of Senate and of the Academic Board

1. The Senate has adopted the following timetable for consideration of recommendations by faculties and boards of studies for amendments of By-laws and Resolutions of the Senate—

(a) Proposals to provide for a new bachelor's degree or to make significant changes to the requirements for a bachelor's degree shall be submitted to the Academic Board no later than its regular meeting in November and to the Senate by no later than its regular meeting in December, thirteen months before the year in which it is proposed they should take effect.

(b) Proposals to provide for new degrees and diplomas other than bachelor degrees shall be submitted to the Academic Board by no later than its regular meeting in June and to the Senate by no later than its regular meeting in July of the year previous to that in which it is proposed they should take effect.

(c) Proposals to provide for changes in the requirements for degrees or diplomas other than in (a) above shall be submitted to the Academic Board by no later than its regular meeting in June and to the Senate by no later than its regular meeting in July of the year previous to that in which it is proposed they should take effect.

(d) Where any proposal involves amendments to the By-laws implementation of the proposal must await approval by the Governor-in-Council. As the machinery for that approval is not under the control of the University no guarantee can be given that approval of amendments submitted in accordance with the above timetable can be obtained before 1 March in the year of intended implementation.

(e) In special circumstances and subject to the provisos in (d) above the Academic Board and the Senate may consider amendments at a date later than mentioned in sections (a) to (c).

Amendment of resolutions of faculties and of boards of studies

2. (1) Amendments of resolutions of Faculties and of Boards of Studies to provide for new courses or for changes in the requirements for degrees or diplomas for which a Faculty or Board of Studies is responsible to take effect not earlier than 1st January of the following year shall be made by no later than 30th June.

(2) Where there are special reasons the Faculty or Board of Studies concerned may consider amendments at a later date.

ESQUIRE BEDELL

The Esquire Bedell shall attend on the Chancellor or the Deputy Chancellor on public academic occasions and shall consult with the Vice-Chancellor on the ceremonial procedure suitable for such occasion.

HONORARY APPOINTMENTS TO TEACHING STAFF

1. The Senate, on the recommendation of the Academic Board may from time to time appoint in any teaching Department of the University, persons distinguished for their knowledge and skill, to carry out such academic duties as shall be arranged in consultation with the Head of the Department, and in respect of those duties, such persons may be accorded the title of Honorary Associate.

Each such appointment shall terminate on 31st December in the year in which the appointment is made but shall be renewable any number of times.

2. The duties shall be determined on the advice of the Head of the Department concerned and shall be discharged under his discretion. These duties may include lecturing, research, examining and acting as associate supervisor of studies for higher degrees, but shall not include any administrative work or the organization of courses of study.

3. Nominations for the office of Honorary Associate shall be made only by the Head of the Department concerned.

4. First appointments may be recommended at any time but, in general, recommendations for appointment and reappointment shall be made in time for consideration by the Academic Poard at its October meeting.

5. In making a recommendation the Head of the Department concerned should state fully both the qualifications of the proposed appointee and in specific terms the duties he will be asked to discharge.

It shall be competent for the Board to reject a recommendation on either or both of these grounds.

6. Such appointments shall be made only if they are considered by the Academic Board to be desirable in furtherance of the teaching or research work of the University.

LIBRARY COMMITTEE

1. (1) There shall be a Library Committee being a Committee of the Academic Board and consisting of the Vice-Chancellor, the Deputy Vice-Chancellor, the Bursar, either the Chairman or the Deputy Chairman of the Academic Board, the Registrar, the University Librarian, the Associate Librarians, the Chairman of the Library Committee and fifteen other members of the permanent full-time teaching staff of the University.

(2) These fifteen members shall include at least one from each Faculty.

(3) (a) The Chairman of the Committee shall be elected by and from the members of the Academic Board.

(b) The Chairman of the Committee and the fifteen other members shall be elected at the regular meeting of the Academic Board in February, 1978 and at the regular meeting of the Academic Board in February in every alternate year thereafter.

(c) The members so elected shall hold office for a period of two years from 1st March immediately following the election.

(d) The members of the Committee appointed in accordance with the Resolutions previously in force shall hold office until 28th February, 1978.

(4) (a) The Committee shall have power to co-opt three other persons, of whom at least one shall be a student currently enrolled as a candidate for an undergraduate degree of the University of Sydney and at least one shall be a student currently enrolled as a candidate for a postgraduate degree or diploma of the University of Sydney.

(b) Such co-opted members shall hold office until the end of the period of office of the members referred to in section 1 (3).

(5) Any vacancy occurring by the death, disqualification or resignation of any elected member may be filled by the Committee for the balance of the term of the person being replaced.

(6) A person shall cease to hold office if he ceases to hold the qualifications in respect of which he was eligible for membership.

(7) The membership of a member elected in accordance with subsections (3), (4) or (5) shall lapse if, without special leave granted by the Committee, he absents himself from three consecutive meetings of the Committee.

2. The Committee shall meet twice in each academic term unless the Chairman shall determine that there is no business. Otherwise the Library Committee shall meet when convened in accordance with section 27 (2) of Chapter VIII of the By-laws.

3. At a meeting of the Committee, eight shall form a quorum.

4. (1) The Committee shall consider and report on general Library policy.

(2) The Committee shall advise the Vice-Chancellor on the financial needs of the Library.

(3) The Committee shall advise the University Librarian on the use of such funds as are from time to time allocated for expenditure on the Library.

(4) The Committee shall advise the University Librarian on the rules and regulations concerning the use of the Library.

(5) The Committee shall consider and report upon all matters referred to it by the Senate, the Academic Board, the Faculties, the Vice-Chancellor or the University Librarian.

5. The Committee shall make at least once each term a report of its proceedings to the Academic Board and shall present an annual report for transmission to the Senate.

USE OF THE UNIVERSITY OF SYDNEY LIBRARY

1. These resolutions and the regulations made pursuant to them apply to the use both of the Fisher Library and the Branch libraries, which together constitute the University of Sydney Library. The use of Departmental libraries which house University of Sydney Library material, but for which the University Librarian does not provide staff, is the responsibility of the respective Heads of Departments, in consultation, where appropriate, with the University Librarian.

2. The University Librarian may, in respect of the University of Sydney Library, make regulations on the following matters:

(a) The conduct of readers in the libraries;

(b) the conditions on which books and other items may be used in the libraries;

(c) the categories of books or other items that may be borrowed;

(d) the conditions on which books or other items may be borrowed;

(e) the procedures to be followed when borrowing or returning a book or other item;

(f) all other matters associated with the use of the University of Sydney Library in accordance with these resolutions.

3. The University Library is provided primarily for the use of members of the University. Other persons may use the Library subject to approval by the Senate in the case of particular categories of person, or by the University Librarian in the case of individuals. Persons granted the privilege of use under this Resolution may be called upon at any time by the University Librarian or by officers of the Library staff to show good cause for this use.

4. The categories of persons who are eligible to borrow books and other items from the Library are set out in the Second Schedule.

5. The University Librarian may impose fines or other penalties as set out in the Third Schedule on any person who fails to observe these resolutions or the regulations made pursuant to these resolutions.

FIRST SCHEDULE

Conduct of readers in the library

1. Every authorised user of the Library has a right to pursue his work without unnecessary disturbance or distraction, and has an obligation to respect the rights of others in this respect.

2. To this end, noise, disturbance, and unseemly behaviour are not permitted in the Library.

3. Smoking is permitted only in those areas designated as Smoking Areas by the official provision of ashtrays.

4. Talking is forbidden in formal reading areas, in book stacks, and in Catalogue and Reference areas, except that in the latter two areas quiet conversation is allowed for the purpose of seeking assistance in the consultation of the catalogues or the use of the collections.

5. Because of possible damage to the Library property eating and drinking are not permitted in the Library.

6. Only those notices which have been authorised by the University Librarian or his appointed representative may be distributed or posted in the Library.

7. Books and other items which are the property of the Library shall not be mutilated, defaced, or deliberately misplaced.

8. In those libraries where readers are permitted to bring in their personal belongings, such belongings must be presented for inspection on request of a member of the Library staff when leaving the Library.

9. Books being borrowed shall be presented for inspection on leaving the Library on request of a member of the Library staff, even if the borrowing procedure has previously been completed.

10. Any person, whether or not a member of the University, when using the Library, shall produce identification on request of a member of the Library staff.

SECOND SCHEDULE

CATEGORIES OF BORROWERS FROM THE LIBRARY

I. Undergraduate borrowing privileges	**II. Academic/higher degree borrowing privileges**
1. *Students of the University* (a) Candidates for the degree of Bachelor (b) Candidates for the Diploma in Education (c) Non-matriculated and non-degree students	1. *Fellows and former Fellows of the Senate* 2. *Staff of the University* (a) Full-time and part-time members of the teaching staff (b) Research Fellows; Senior Research Assistants; Research Assistants; Professional Officers; Senior Programmers, Programmers (c) Administrative Staff, Graduate Assistants (or equivalent) and above. (d) Assistant Librarians Grade III and above. (e) Retired academic and senior administrative staff.
2. *Staff of the University* (a) Categories of staff not included in II	3. *Students of the University* (a) Candidates for the degrees of Master or Doctor (b) Candidates for diplomas other than the Diploma in Education
3. *Others* (a) Graduates of universities or persons with equivalent qualifications as determined by the University (b) Adult Education Intensive Course students (c) Full-time students of the Sydney Institute of Education	4. *Other* (a) Full-time academic staff of other universities (b) Principals and Deputy Principals of the University Colleges (c) Full-time and part-time members of the teaching staff of research institutes and foundations affiliated with the University.

THIRD SCHEDULE

Fines and other penalties

I. FINES

(a) Items borrowed and overdue from the Undergraduate Library, Research Library or Branch Libraries:
40 cents for each day the library is open (excepting Sundays and public holidays) to a maximum of $10.00.

(b) Items borrowed and overdue from Reserve Collections:
$1.00 for the first half-hour or part thereof, and $1.00 for each successive hour or part thereof to a maximum of $10.00.

(c) Lost or mutilated transaction cards, bar-coded labels, or borrowers' cards:
$3.00.

II. OTHER PENALTIES

(a) *Failure to return a recalled item:*
A borrower who fails to return an item recalled under Regulation III (f) within one week of the issuing of the recall notice will have his borrowing privileges suspended until the item is returned and will be liable for fines as if the item was overdue.

(b) *lost or damaged items:*

(1) Where an item is lost, returned damaged or not returned after the issue of an overdue notice, the borrower will be charged for the item at replacement cost, plus a processing fee.

(2) An item lost or not returned, and charged for as above (1) remains the property of the Library. If it is returned within a reasonable time of the charge set out in (1) being imposed or within a reasonable time after the issue of an overdue notice, the charge may be waived and the maximum fine substituted, at the discretion of the University Librarian or his delegate.

III. MISCONDUCT OR OTHER BREACH OF THE RULES

The University Librarian has authority under Chapter VIIIA of the By-laws to suspend any student from use of the Library for the purpose of halting or preventing misconduct, and to report any case of misconduct on the part of a student to the Registrar for disciplinary action.

REGULATIONS MADE PURSUANT TO SECTION 2

I. Conduct of readers in the libraries

Readers shall at all time adhere to the rules of conduct set out in the First Schedule. The detailed applicability of these rules to a particular situation shall be the responsibility of the appropriate member of the Library staff on duty in the particular library at the time.

II. Availability of material for loan

All books and other items in the Libraries are normally available for loan subject to the general discretion of the University Librarian, provided that items may from time to time be placed on restricted use, e.g. in Reserve, and that the following categories of items are normally not available for loan from the libraries concerned.

(a) UNDERGRADUATE LIBRARY
(1) Items marked NOT FOR LOAN
(2) Recordings
(3) Browsing collection
(4) Periodicals

(b) RESEARCH LIBRARY
(1) Items marked NOT FOR LOAN
(2) Examination papers
(3) Microforms
(4) Newspapers
(5) Periodicals
(6) Recordings
(7) Reference books
(8) University calendars

(c) RARE BOOK LIBRARY
No material is available for loan.

(d) BRANCH LIBRARIES
(1) Items marked NOT FOR LOAN
(2) Periodicals
(3) Other material in categories (a) to (c) of Regulation II where applicable.

III. Conditions of borrowing

(a) Items may be borrowed by the categories of borrowers listed in the Second Schedule for the following periods:

	Undergraduate Borrowing Privileges	Academic/Higher Degree Borrowing Privileges	Other Libraries (Interlibrary Loans)
Undergraduate Library	1 week	1 week	4 weeks (with approval of Undergraduate Services Librarian)
Research Library	2 weeks	8 weeks	4 weeks
Branch Libraries	As for Research Library subject to such local modifications as are appropriate and are posted publicly in the library concerned over the signature of the University Librarian.		

(b) Items may not normally be borrowed if the borrower has other items overdue for return, or has unpaid fines outstanding in his name, or is in some other way in breach of Library Regulations.

(c) Items shall be returned on or before the date shown on the date due slip in the item.

(d) A borrower remains responsible for an item marked out in his name until it is returned to the Library and the transaction cleared by the Library staff.

(e) The following conditions apply in relation to the extension of the period for which an item may be borrowed:

(1) Undergraduate Library—no extension is possible.

(2) Research Library—except where the item has been reserved for another person, the borrowing period may be extended by up to two extensions of two weeks each for holders of undergraduate borrowing privileges, and by

one extension of eight weeks for holders of academic/postgraduate borrowing privileges, and one extension of four weeks for interlibrary loans.

(3) Branch Libraries—as for Research Library, subject to such local modifications as are appropriate and are posted publicly in the library concerned over the signature of the University Librarian.

(f) The following conditions apply in relation to the recalling of items on loan before the date due:

(1) If the item is needed for a Reserve Collection—recallable after the expiration of one week from the date of initial loan.

(2) If the item has been requested by another borrower—recallable after the expiration of one week from the date of initial loan (two weeks if borrowed under academic/higher degree privileges).

(g) Reserve collections. At the discretion of the University Librarian items in heavy demand may be removed to a Reserve collection, and the period of borrowing restricted.

IV. Borrowing procedures

(1) No item of Library property may be removed from the Library except by way of loan to an authorised borrower.

(2) In borrowing an item, a reader shall follow the official instructions displayed at the circulation desk(s) and/or on official Library notice boards, and shall present his authority to borrow upon request by any member of the Library staff.

(3) Borrowers' cards are not transferable.

LAW EXTENSION COMMITTEE

On 7 September 1964 the Senate of the University agreed to the establishment of the Law Extension Committee. The Senate resolved as follows:

1. There shall be a Law Extension Committee to undertake, subject to the authority of the Senate, the organisation, supervision and control of courses in Law appropriate for students presenting themselves for the examinations conducted by or on behalf of the Solicitors' Admission Board and the Barristers' Admission Board for such other body or bodies as may be set up from time to time to conduct examinations for the admission of Barristers and/or Solicitors.

2. The Committee shall consist of the Chancellor, the Deputy Chancellor, the Vice-Chancellor (*ex officio*), the Dean of the Faculty of Law and three other members of the Faculty of Law appointed by the Senate on the nomination of the Faculty, a Judge appointed by the Senate on the nomination of the Chief Justice of New South Wales, two Barristers appointed by the Senate on the nomination of the New South Wales Bar Association, two Solicitors appointed by the Senate on the nomination of the Law Society and not more than four other persons appointed by the Senate. The persons appointed by the Senate shall hold office for two years and shall be eligible for reappointment.

3. The Committee shall elect a Chairman from amongst its members and the Chairman shall hold office for two years. He shall be eligible for re-election.

4. The Committee shall admit to a course of instruction only a student who is a student at law or a person entitled to sit for the Solicitors' Admission Board examinations under the Rules of Court from time to time applying, provided that a student who is at the same time a candidate for the degree of Bachelor of Laws in the University of Sydney or any other university shall not be admitted save for the course in Legal Ethics and Trust Accounts, in which case such degree candidates of the University of Sydney may be admitted.

5. The Committee, in addition to organising lectures as courses of instruction in Sydney, shall arrange for courses of instruction to be available to students admitted in accordance with resolution 4 who reside outside the Sydney Metropolitan Area either by way of lectures in appropriate areas in New South Wales or by correspondence from Sydney.

6. The Committee shall not itself conduct any examinations as mentioned in resolution 1 or any examination accepted as equivalent. However, the Committee may, at the request of the Joint Examinations Board of the Supreme Court of New South Wales, nominate persons to administer and assess work carried out by candidates for examinations conducted as set out in resolution 1.

SPORTS UNIONS, SRC AND FACULTY SOCIETIES, SUPRA AND UNION

Resolutions of the Senate

1. There shall be the following societies which shall be governed by their respective Constitutions subject to these Resolutions: The Students' Representative Council, the University of Sydney Union, the Sydney Postgraduate Representative Association, the Sydney University Sports Union and the Sydney University Women's Sports Association.

2. (1) Except as provided in Resolution 3, the Senate requires a student who seeks to enrol—

(a) for a degree of Bachelor; or

(b) for the Diploma in Education; or

(c) as an undergraduate non-degree student;

to be a member of the following organisations provided that the relevant society or societies remain on the list in Resolution 1:

the student body that elects the Students' Representative Council, the University of Sydney Union, and, for a male student, the Sydney University Sports Union, and, for a female student, the Sydney University Women's Sports Association.

(2) Except as provided in Resolution 3, the Senate requires a student who seeks to enrol—

(a) for a degree or diploma other than those mentioned in Resolution 2(1);

(b) as a Master's Preliminary student; or

(c) as a postgraduate non-degree or non-diploma student;

to be a member of the following organisations, provided that the relevant society or societies remain on the list in Resolution 1:

the Sydney University Postgraduate Representative Association, the University of Sydney Union, and, for a male student, the Sydney University Sports Union, and, for a female student, the Sydney University Women's Sports Association.

(3) A student required to be a member of any of the organisations listed in Resolution 2(1) or 2(2) shall, prior to the completion of enrolment, pay the subscriptions approved by the Senate in accordance with Resolution 5.

3. (1) The Senate exempts from the requirement to be a member of or to pay subscriptions to either the Sydney University Sports Union or the Sydney University Women's Sports Association a student who—

(a) is enrolled for a degree of Master or Doctor, for a Diploma other than the Diploma in

Education, as a Master's Preliminary student or as a postgraduate non-degree or non-diploma student; or

(b) is duly certified as medically unfit; or

(c) has attained the age of 50 years;

provided that such a student, notwithstanding this exemption, may become a member of an organisation named in this sub-section on the payment of the subscription referred to in Resolution 2(3).

(2) The Senate exempts from the requirement to be a member of or to pay subscriptions to one or more of the following societies a student who is a Life Member of or has paid the entrance fee, if any, and five annual subscriptions to the society or societies concerned:

the University of Sydney Union
the Sydney University Sports Union
the Sydney University Women's Sports Association

(3) The Senate exempts from the requirement to be a member of and to pay subscriptions to the Sydney University Postgraduate Representative Association a member of the full-time staff of the University.

(4) The Registrar, after consultation with the President of the organisation concerned or with the President's nominee, may grant exemption—

(a) to an applicant for enrolment in the University from the requirement to be a member of and to pay subscriptions to, or

(b) to a student enrolled in the University from the requirement to be a member of and to pay subscriptions to,

one or more of the organisations referred to in Resolution 2, provided that the Registrar is satisfied that the applicant for enrolment or the enrolled student objects to being such a member on grounds of conscience.

(5) In the case of a non-degree student who is enrolled in a course or courses at this University as part of candidature for a degree or diploma at another University or institution the Registrar may grant exemption from the requirement to be a member of and to pay subscriptions to one or more of the organisations referred to in Resolution 2.

(6) An exemption granted in pursuance of this Resolution may, at the discretion of the Registrar, be for one year of enrolment or for such period as the student remains enrolled at the University.

4. For a society to remain on the list in Resolution 1 its Constitution must be approved by the Senate and no amendment of the Constitution of a society listed in Resolution 1 shall take effect or have any validity or force whatsoever until it is approved by the Senate.

5. The Senate will collect from members of the organisations named in Resolution 2, provided that the relevant society or societies remain on the list in Resolution 1, subscriptions for each organisation at rates approved by the Senate at its October meeting each year or at such other meeting as the Senate may determine and shall pay to the Students' Representative Council, the Sydney University Postgraduate Representative Association, the University of Sydney Union, the Sydney University Sports Union and the Sydney University Women's Sports Association, the proceeds of these subscriptions at such times as the Vice-Chancellor in his discretion may decide.

6. If in the opinion of the Vice-Chancellor any society should breach the provisions of these Resolutions the Vice-Chancellor may suspend the payment of further sums collected as subscriptions for the society concerned and report the circumstances to the Senate for its determination.

7. No society referred to in Resolution 1 shall directly or indirectly expend or cause or allow to be expended its funds or any part of them except in accordance with its Constitution.

8. A society referred to in Resolution 1 shall not act in any way contrary to the provisions of the University and University Colleges Act.

9. If the Senate is not satisfied that the Constitution or procedures of an organisation outside the University to which a society listed in Resolution 1 wishes to pay affiliation fees are consistent with the purposes of the University the Senate may approve for this purpose an additional subscription which shall be voluntary and no funds other than those paid voluntarily shall be paid to such outside organisation.

10. (1) Every society listed in Resolution 1 shall report annually to the Senate on its activities and supply audited financial statements, together with a balance sheet and such further information as the Senate may from time to time require.

(2) The Senate may from time to time require an audit by an auditor of its own appointment.

11. (1) The Senate shall appoint a tenured member of the academic staff of the Faculty of Law as an Adviser.

(2) The Adviser shall advise a member of staff or student when requested to do so by that member or that student whether a payment or proposed payment by a society of which the Senate requires a student to be a member is, in his opinion, *ultra vires*.

(3) The Adviser shall inform the Vice-Chancellor when such advice is sought and given and shall in addition make an annual report to the Senate on advice sought and given.

SYDNEY UNIVERSITY PRESS

1. There shall be within the University the Sydney University Press.

2. The objects of the Sydney University Press shall be to undertake the publication of works of learning and to carry on the business of publication of such works in all its branches.

3. (1) The Board of the Sydney University Press shall consist of seven members appointed in accordance with subsection (2).

(2) The members of the Board shall be appointed by the Senate from time to time for such term of appointment as the Senate determines provided that no member shall be appointed for a term of longer than five years at the one appointment.

(3) The Senate shall from time to time designate one of the members appointed Chairman and one Deputy Chairman.

4. Subject to the direction and control of the Senate the Board shall supervise the financial, administrative and other business of the Sydney University Press.

5. (1) A meeting of the Board shall be convened by direction of the Chairman or on the requisition of any two members addressed to the Secretary. The meeting shall be convened by written notice from the Secretary at least three days before the meeting, specifying the time and place of the meeting.

(2) At a meeting of the board three shall form a quorum.

(3) In the absence of the Chairman the Deputy Chairman shall preside. In the absence of the Chairman and Deputy Chairman a member elected for the meeting shall preside.

(4) The presiding officer shall have a vote and in case of equality of votes a casting vote.

6. (1) The Board may from time to time recommend that the Senate appoint a Director and other staff who shall have such duties as the Board from time to time assign.

(2) Any person appointed as Director of the Sydney University Press shall be *ex officio* Secretary to the Board.

(3) The Director or any other paid member of the staff of the Sydney University Press shall not at the same time be a member of the Board.

7. (1) The funds of the Sydney University Press shall consist of such sums as the Senate may from time to time designate for the purpose together with such moneys as are received by the University as a result of the activities of the Sydney University Press.

(2) As soon as practicable after the close of each year a statement of income and expenditure for the preceding twelve months ending 31st December together with a Balance Sheet as at that date shall be submitted to the Board.

8. The Board shall as soon as practicable after the close of each year lay before the Senate a report on the activities of the Board for the preceding twelve months ending 31st December.

LOST PROPERTY

The Senate has made the following resolutions relating to lost property:

1. Lost property handed in to the University will be held for three months from the date of its finding after which time the University may dispose of the property.

2. The University may for the time being dispose of lost property handed in to the University in the following ways:

(a) All items except books or cash may either be given to a recognised University club or society to be disposed of at a disposal sale or auction, or disposed of in like manner by the University, as often as is deemed practicable by the Registrar, and any profits from such sale or auction, be donated to a charity approved by the Vice-Chancellor;

(b) all books may be sent to the Library and retained or destroyed at the discretion of the librarian;

(c) all cash may be donated to a charity approved by the Vice-Chancellor.

3. Any person who becomes aware of his property having been handed into the University may claim such property and on producing reasonable evidence of ownership will have the property returned to him. If the property has been sold the amount which has been realised by the sale will be paid by the University to the owner in lieu of the property.

4. The University will publish within the University and in a daily metropolitan newspaper at least 14 days before any proposed sale or auction, a notice giving details of the sale or auction.

5. The Vice-Chancellor will consult with the President of the Students' Representative Council and such other persons he considers necessary before determining the charity to be paid the profits.

PATENTS

1. If a member of staff in the course of his University duties invents a machine or process that in his opinion would if patented produce some income he shall in the first place put the invention at the disposal of the Senate.

2. The Senate shall appoint a permanent 'Patents Committee' to assess the likelihood that any invention submitted to it would produce income in excess of the total expenses involved in patenting the invention and administering the patent. The Committee should be authorised to seek any expert advice it requires (possibly within certain limits of expenditure). The Committee shall have the power to take, without reference to the Senate, the necessary immediate steps to protect the University's rights in the invention.

3. If the Patents Committee is of the opinion that the invention would not produce income in excess of total expenditure, or if for any other reason it does not think that the University should be party to the patenting, it shall immediately relinquish on behalf of the Senate all claims to the invention.

4. If the Patents Committee is of the opinion that the invention will produce income in excess of total expenses, and that there are no reasons that make it undesirable that the University should be party to the patenting, it shall recommend to the Senate that the process of patenting be completed.

5. The inventor should be awarded 15 per cent of the gross return until the outstanding expenses are covered, thereafter 50 per cent of the annual return.

6. Notwithstanding the foregoing, the University shall not be bound to seek the maximum or any monetary reward from an invention patented by it, but shall be at liberty to use it or authorise its use in whatever way and under whatever conditions the Senate thinks fit provided however, that before coming to a decision as to this the Senate shall ascertain and consider the wishes of the actual inventor in the matter.

7. The Senate shall determine the marketing procedure in each case.

SAFETY POLICY

This University recognises the need to accept, and does accept, its responsibility towards the safety and health of its staff and students in their work.

It is the policy of this University to exert every effort to reduce the number of accidents which occur within the University and, if possible, to eliminate all such accidents and consequent suffering, hardship and loss involved.

Each head of department and any officer who has staff or students under his control shall be responsible for their safety.

To ensure that this policy is carried out the University will:

(1) Provide and maintain safe and healthy working conditions for its staff and students.

(2) Observe and implement the relevant Acts and Regulations.

(3) Promote safety and health in all its activities by education and instruction.

(4) Insist on all staff and students observing safety and health rules and regulations.

(5) Take disciplinary action against any member of staff or student who, by refusal or neglect, fails to observe safety or health requirements.

(6) Encourage each person in the University to regard accident prevention as his individual responsibility.

(7) Require that each head of department will formulate appropriate safety rules for his department and will appoint a departmental safety officer.

(8) Indemnify departmental safety officers against claims made against them in respect of acts or omissions committed while acting as such Safety Officers (other than claims for which they would be liable for if they had not been appointed).

CONTROL OF TRAFFIC WITHIN THE UNIVERSITY

Preamble

University grounds are private property. It is a privilege to bring a vehicle into the grounds. These Resolutions control that privilege.

For the purpose of these Resolutions 'main campus' means that area of the University grounds situated between Parramatta Road and City Road and 'Darlington campus' means that area situated in Darlington.

Entry

1. Vehicles may not enter the University grounds other than as provided for in these Resolutions.

2. (1) Vehicles bearing a current permit issued in accordance with Resolution 7 may be admitted to the grounds in accordance with these Resolutions by the Yeoman Bedell, Special Constables and Gatekeepers.

(2) Vehicles, not bearing permits, whose entry has been previously arranged with the Bursar or Yeoman Bedell may be permitted to enter and shall proceed and be parked in accordance with instructions given by the Special Constables and Gatekeepers and as controlled by Resolution 8 (Casual visitors).

(3) Service and delivery vehicles may be admitted to the grounds at the discretion of the Special Constables and Gatekeepers, and may remain therein only for the minimum period required for the provision of services and delivery of goods.

(4) Taxi cabs carrying or summoned to collect passengers may be permitted to enter the grounds.

Restricted entry—motor cycles and motor scooters

3. (1) Motor cycles and motor scooters shall not be permitted to enter the main campus by the University Avenue gate but may enter by the Ross Street, City Road or Western Avenue gate for the purpose only of parking in one of the special areas provided for motor cycles and motor scooters adjacent to each gate.

(2) Motor cycles and motor scooters shall not be permitted to enter the Darlington campus except for the purpose of being parked in the special area provided for motor cycles and motor scooters at the corner of Darlington Road and Codrington Street.

(3) Subject to Resolutions 3 (1) and (2), motor cycle and motor scooter traffic shall be prohibited within the University grounds.

Entry prohibited

4. Notwithstanding any other provisions contained in these Resolutions, the Yeoman Bedell, Special Constables and Gatekeepers shall be authorised to refuse entry to any vehicle.

Speed limit

5. The speed limit within the grounds shall be 25 k.p.h.

Parking

6. (1) Subject to Resolution 6 (4), vehicles bearing a current yellow permit which is not crossed with a diagonal black line may—

(a) enter the main campus and be parked therein only in areas designated as unrestricted parking areas by signs and/or road markings and

(b) enter the Darlington campus and be parked therein only in areas designated for Visitors' Parking (in accordance with the designated time limit).

(2) Subject to Resolution 6 (4), vehicles bearing a current yellow permit which is crossed with a diagonal black line may—

(a) enter the Darlington campus and be parked therein only in areas designated as unrestricted parking areas by signs and/or road markings and

(b) enter the main campus and be parked therein only in areas designated for Visitors' Parking (in accordance with the designated time limit).

(3) Subject to Resolution 6 (4), vehicles bearing a current purple permit may enter the Darlington campus only and be parked therein only in areas designated as unrestricted parking areas by signs and/or road markings.

(4) Between the hours of 3.45 pm and 7.30 am on week-days and at any time on Saturdays, Sundays or public holidays vehicles bearing a current yellow or purple permit may enter the main campus and the Darlington campus and be parked therein in areas designated as unrestricted parking areas by signs and/or road markings.

Issue of permits

7. (1) On the receipt of an application on the prescribed form and on payment of the prescribed fee the Bursar shall issue annual permits in accordance with the Table set out at the end of these Resolutions.

(2) Except in the case of a Fellow of the Senate who is not a member of the staff of the University, an applicant who is eligible for a yellow permit and whose normal place of work is other than in the main campus shall be issued with a yellow permit which is crossed with a diagonal black line.

(3) On the receipt of an application on the prescribed form, the Bursar may, in special circumstances, issue an annual or other permit to any person not otherwise provided for in this Resolution.

Casual visitors

8. (1) The Bursar or Yeoman Bedell may authorise entry to vehicles carrying persons, being neither members of staff nor students enrolled at the University, who have legitimate business within the University grounds. The number of vehicles authorised to enter and park under this Resolution will be limited on each day to the number of places available in parking areas reserved for visitors.

(2) A fee of 40 cents shall be paid on the occasion of each entry of a vehicle permitted to enter the grounds under this Resolution.

(3) Vehicles admitted under this Resolution may be parked only in Visitors' Parking areas.

(4) The entry fee of 40 cents shall not apply between the hours of 6.30 p.m. and 6.30 a.m. on week-days or at any time on Saturdays, Sundays or Public Holidays.

Conference parking

9. The Bursar may authorise persons attending conferences within the University to park within the University grounds during the conference on payment of the entry fee referred to in Resolution 8. Such permits shall be limited to the number of vehicles the University can accommodate at the particular time and shall be issued only to the organisers of the conference through whom individuals must apply.

Vehicles admitted under this Resolution may not be parked in areas reserved for visitors' vehicles or any other specified class of vehicle.

Permits—conditions of issue

10. Subject to Resolution 12, the permit issued under the provisions of Resolution 7 shall be affixed, in accordance with the instructions accompanying the permit, on the inside of the upper or lower corner of the driver's side of the windscreen or at the top or bottom of the middle of the windscreen of the vehicle for which it is issued and shall not be valid unless so affixed.

11. Subject to Resolution 12, the permit shall not be transferable.

12. (1) A person who is eligible to hold a permit and who uses two vehicles may purchase, for an additional $5 per annum, a portable permit to enable such approved vehicles to enter and be parked in the University grounds, provided that only one such vehicle shall enter and be parked in the grounds at the one time.

(2) The portable permit shall be shown on entry to the University grounds and shall be displayed prominently on the inside of the lower corner of the driver's side of the windscreen of the vehicle at all times while the vehicle is in the University grounds and shall not be valid unless so displayed.

(3) With each portable permit a distinguishing mark, as approved by the Bursar, shall be issued for each of the approved vehicles and shall be affixed, in accordance with the instructions accompanying the distinguishing mark, on the inside of the lower corner of the driver's side of the windscreen of the vehicle.

13. The permit shall remain the property of the University and must be surrendered on demand made by the Bursar.

14. A replacement permit shall be issued only on the production of the original permit or clear evidence that the original has been removed and destroyed.

15. The University shall accept no liability for any damage to or loss of property, or for injury to persons, occasioned within the University grounds in consequence of a vehicle being permitted to enter the University grounds.

16. A recommendation of the Director of the Student Health Service shall be obtained in determining the eligibility of an applicant under Resolution 7 (1) (xi).

17. An applicant for a permit to enter the park within the University grounds shall state—

(i) his name, residential address, and status, and

(ii) the name of the owner, the make and registered number of the vehicle, and may be required to produce his driver's licence, certificate of registration, and/or authority to attend classes.

18. (1) An annual permit shall be valid for one year from the first day of July in the year of issue.

(2) Permits may be issued for periods of less than one year, at a reduced rate related to the annual fee, as approved by the Bursar.

18A. (1) Members of staff who are eligible for a permit may alternatively be provided on request with a book of ten gate entry tickets one of which must be surrendered to the gatekeeper on each occasion that they bring their approved vehicle onto the grounds on weekdays.

(2) Ticket books will be inscribed with the registration number(s) of the approved vehicle(s), and may only be used for those vehicles, in general accordance with the provisions relating to portable permits in Resolutions 11 and 12.

(3) Books of tickets shall be valid for entry to either the main campus or the Darlington campus as specified in Resolution 6, and shall have coloured covers to correspond with the respective permit colours for those areas.

(4) Books must be displayed on the dashboard of the parked vehicle with the front cover showing the registration number of the vehicle being clearly visible.

(5) Alteration of registration numbers on covers will not be permitted; substitute books will be issued by the Parking Office on application.

(6) Books of tickets sold to eligible staff as a substitute for the appropriate permit will be priced at $4 for the first book and $10 for each subsequent book.

(7) Books of tickets sold to other persons approved by the Bursar to allow entry for a specified period will be priced at $4 for each book.

Penalties and observance of Senate resolutions

19. (1) All persons bringing vehicles into the University grounds or parking therein shall observe these Resolutions controlling traffic within the university.

(2) An alleged breach of these Resolutions involving a vehicle bearing a permit shall be notified to the permit holder by either—

(a) the placing of a notice of breach under the windscreen wiper of the vehicle

or

(b) a letter from the Bursar, giving details of the alleged breach and requiring the permit holder to present a written explanation to the Bursar within three (3) working days of the receipt of the notification which shall be deemed to have been received when—

(i) it is placed on the vehicle

or

(ii) in the normal course of postage it would have been received when posted to the address of the permit holder last notified to the Bursar.

(3) An alleged breach of these Resolutions involving a vehicle not bearing a permit shall be notified to the owner or driver by either—

(a) the placing of a notice of breach under the windscreen wiper of the vehicle

or

(b) a letter from the Bursar, giving details of the alleged breach and requiring the permit holder to present a written explanation to the Bursar within three (3) working days of the receipt of the notification which shall be deemed to have been received when—

(i) it is placed on the vehicle

or

(ii) in the normal course of postage it would have been received when posted to the last known address of the owner of the vehicle.

(4) If an explanation is not received within the prescribed period or if the explanation is not acceptable, the Bursar shall record a breach of these Resolutions and shall advise the permit holder accordingly.
(5) On a second recorded breach, if within twelve (12) months of the first recorded breach, the permit shall be withdrawn for a period of three (3) months from the date of the Bursar's letter notifying the permit holder of the recording of the second breach.
(6) On a third or subsequent recorded breach, if within twelve (12) months of the first recorded breach the permit shall be withdrawn for a period of six (6) months from the date of the Bursar's letter notifying the permit holder of the recording of the third or subsequent breach.
(7) A permit holder shall be deemed responsible for all breaches of these Resolutions involving the vehicle bearing the permit issued to him, whether or not he was the driver when the breach was committed.
(8) Any person who, without authority, brings a vehicle into the University grounds may be subjected to legal action.
(9) A person, not being a permit holder, who commits a breach of these Resolutions may be declared by the Vice-Chancellor to be ineligible for the issue of a permit or for entry to the grounds for a specified or indefinite period notwithstanding his current or future eligibility in terms of Resolutions 7, 8 or 9.
(10) A student, not being a permit holder, who commits a breach of these Resolutions may become subject to disciplinary proceedings under Chapter VIIIA of the By-laws.

Signs and directions

20. Drivers of vehicles in the University grounds shall obey traffic signs and instructions of the Yeoman Bedell and his staff.

21. Angle parking wherever permitted shall be rear to kerb.

General

22. The term 'the Deputy Principal' where it appears in these Resolutions shall be deemed to include those members of the administrative staff authorised by him to act on his behalf.

TABLE OF PERMITS (*See Resolution 7*)

Applicant	Class of permit	Prescribed fee	
		Per annum	Per entry
(i) Fellows of the Senate not being members of the staff of the University	Yellow	Nil	Nil
(ii) Full-time permanent members of the academic or senior administrative staff of the University			
(iii) Full-time permanent members of the academic or senior administrative staff of the N.S.W. Department of Education employed within the University grounds			
(iv) Senior Research Scientists and members of the senior administrative staff of the CSIRO employed within the University grounds			
(v) Full-time members of staff of the University who have been employed, if graduates, for two years or who have previously held or been eligible to hold a permit under Resolution (viii)	Yellow	$30.00*	Nil
(vi) Full-time members of staff of the University who have been employed for six years			
(vii) Full-time members of staff of the University who are regularly required to work abnormal hours (but not including normal shift-work or overtime) at times when public transport is not reasonably available			
(viii) Full-time postgraduate students who have successfully completed not less than six full-time academic years, or the equivalent thereof	Yellow or Purple	$30.00* $24.00	Nil Nil
(ix) All other full-time and part time members of staff	Purple	$30.00*	Nil
(x) All other postgraduate students and all undergraduate students who have successfully completed not less than one full year, or the equivalent thereof	Purple	$24.00	Nil
(xi) Undergraduate students not otherwise eligible for a permit who for duly certified medical reasons are permitted to park their vehicles in the grounds (see Resolution 16)	Yellow	Nil	Nil

**Notes:* (1) The fee is reduced by 10 per cent provided payment by payroll deductions is authorised by the staff member or the fee is paid in full by no later than 31 May.
(2) Payments may be made by payroll deductions according to a schedule approved by the Bursar, commencing from the first pay period after the date of the issue of the permit, and ending at the first payday following the date of the surrender of the permit to the Parking Office, whichever comes first. No other reductions or rebates are allowed for fees paid by payroll deduction.
(3) Staff paying fees by payroll deduction are not required to make annual application for a permit and will be issued with a new permit on 1 July each year for so long as they are eligible for a permit and continue to authorise payroll deductions for the specified amount. In the event that payment of fees by payroll deductions is terminated by the staff member for a period of less than 6 months, a re-establishment fee equivalent to 25 per cent of the annual fee will be charged to resume payment by payroll deductions.
(4) A refund of 25 per cent for each full quarter is payable in respect of a permit cancelled prior to 30 June.
(5) The fee is reduced by 25 per cent for each full quarter that it is taken out after 1 July.

Additional resolutions of the Academic Board

TRANSFER OF STUDENTS

Students who enrol in one degree course and pass the courses prescribed for another degree course have not the right to transfer to that other degree course, but may be admitted by the Faculty or Board of Studies concerned on merit to the extent that facilities are available.

DISCONTINUATION OF ATTENDANCE AT CLASSES AND RE-ENROLMENT AFTER DISCONTINUATION

Students in all faculties and boards of studies

1. A student will be presumed to have discontinued at the date of his application unless he produces evidence that the discontinuation occurred at an earlier date and there was good reason why the application could not be made at the time.

2. A student in First Year who at any time during the year discontinues all the courses in which he is enrolled shall not be entitled to re-enrol unless either (i) in the year of his discontinuation the Faculty concerned has granted him permission to re-enrol in the next following year or (ii) he is reselected for First Year on his qualification for entry.

Faculties of Arts, Economics and Science and Boards of Studies in Education, Music and Social Work

3. A student enrolled for a degree in the Faculties of Arts, Economics or Science or for the degrees of Bachelor of Education, Bachelor of Music or Bachelor of Social Studies, except as provided in Resolution 2 above, may cancel his enrolment in a course or year, without being recorded as having discontinued that course or year, before the end of the fourth week after the commencement of lectures of such course or year. Any cancellation of enrolment after that date will be recorded as a discontinuation and for the purposes of section 8 of the Senate Resolutions on Restriction upon Re-enrolment may be deemed to be a failure unless such cancellation is undertaken at the request of the Dean or Sub-Dean of the Faculty.

Faculty of Law

4. A student enrolled for a degree in the Faculty of Law who, without permission of the Faculty, discontinues a year or course after the first day of lectures in Trinity term shall be deemed to have failed such year or course.

Faculties of Agriculture, Architecture, Dentistry, Engineering, Medicine and Veterinary Science and Board of Studies in Divinity

5. A student enrolled for a degree in the Faculties of Agriculture, Architecture, Dentistry, Engineering, Medicine or Veterinary Science or for the degree of Bachelor of Divinity who, without permission of the Faculty or Board of Studies concerned, discontinues a year after one-third of the instruction in the courses in any year have been completed or discontinues a course after one-third of the instruction in that course has been completed, shall be deemed to have failed such year or course, as appropriate.

NEW OR ALTERNATIVE COURSES

The Board has resolved that it would not consider proposals for new or alternative courses unless proposals are accompanied by statements indicating—

(1) the content of the course,
(2) why the course is to be introduced,
(3) what similar courses are being given elsewhere in the University and why these are not suitable,
(4) what facilities, staff and equipment (including library resources) are available and what facilities, staff and equipment (including library resources) will be needed,
(5) whether the proposed course falls within those classes of courses which the Tertiary Education Commission has, by declaration of the Minister, been given a discretion not to approve for the purposes of Commonwealth funding, namely a course of study or group of courses of study which involve:
(a) significant financial implications; or
(b) a significant educational departure; or
(c) unnecessary duplication in a specialised field; or
(d) the establishment of a professional school.

EXCURSIONS

No scientific excursions (Botanical, Zoological, Geological or the like) shall be arranged to take place during lecture or laboratory hours unless approval has been previously granted by the Vice-Chancellor and due notice sent to members of the Teaching Staff concerned.

ELECTRON MICROSCOPY FOR HIGHER DEGREE CANDIDATES

All postgraduate students using the facilities of the Electron Microscope Unit for higher degree candidature are required, unless exempted by the Director of the Electron Microscope Unit, to attend a course or courses conducted by the Unit.

POSTGRADUATE STUDENTS: FACULTY IN WHICH CANDIDATURE SHOULD NORMALLY PROCEED

As a general rule, postgraduate students should undertake their postgraduate work in the faculty in which they completed their undergraduate studies but where it is not possible for a student to proceed to postgraduate work in his proposed field of study in the faculty where he completed his undergraduate degree, he should be permitted to proceed to postgraduate work in another faculty, provided that other faculty agreed.

RESEARCH STUDENTS IN THE SCIENTIFIC LABORATORIES

1. Research students may be admitted to the University laboratories from year to year on the recommendation of the Head of the Department in which they propose to work.

2. A research student in any University laboratory shall be under the control of the Head of the Department as regards the use of the laboratory apparatus and materials. The Professor, as director of the laboratory, shall have the right to make himself acquainted with the character and progress of the work done by any research student working in his laboratory.

3. Research students may work in the University laboratories during laboratory hours in Term time, and at such other times as may be arranged by the Professor in charge.

4. Each research student shall pay to the University the appropriate research fee per term for the expense of material, etc. All expensive apparatus or material required for special investigations shall be purchased by the research student.

The Professor in charge shall be the sole judge of what apparatus and material should be provided by the University or purchased by the student.

The University should be provided with printed copies of all scientific papers published by research students.

See also Resolutions of the Senate on Restriction upon Re-enrolment.

Foundations

University foundations	**377**
Bequests and endowments	**383**
Sponsored and endowed lectureships	**397**

University foundations

Accounting and Finance Foundation

On 2 August 1982 the Senate approved the constitution of the Accounting and Finance Foundation within the University of Sydney on the recommendation of an inaugural meeting held on 26 July 1982.

The objectives of the Foundation are to assist the Senate and the Vice-Chancellor on matters associated with the study of accounting and finance by co-operating with industry, commerce and the accounting profession to promote excellence in all fields of accounting and finance in Australia and, without restricting the generality of the foregoing, in particular to—

(a) work in close co-operation with commerce and industry and the accounting profession, bringing together the co-ordinated skills of the various branches of the accounting and finance disciplines;

(b) provide financial support for the Accounting Research Centre in furtherance of the aims as set out in the Constitution of the Centre;

(c) assist in bringing to the Centre as 'Visiting Fellows' stimulating persons of outstanding achievement in order that they may influence practice and research in accounting and finance in Australia;

(i) A Visiting Fellow may be from abroad or from Australia and may be in an academic career or within the accounting profession.

(ii) A Visiting Fellow shall normally be appointed for a maximum period of 6 months, but a longer appointment may be made.

(d) arrange a series of annual lectures to be known as the 'R. J. Chambers Research Lectures in Accounting';

(e) provide an organisation and a mechanism to assist accountants from the University to work in practice and vice versa, to enable a widening of experience and skills by both parties and to assist, where appropriate, accountants from Australia to study a particular problem abroad;

(f) provide scholarships to be known as the R. J. Chambers Research Scholarships where appropriate to assist candidates enrolled for a degree majoring in accounting or finance in the University; and

(g) do all such things as are incidental to or conducive to the attainment of the above objects or any of them.

Australian Language Research Centre

On 2 November 1964 the Senate of the University ratified the constitution of the Australian Language Research Centre within the University.

The objects of the Centre are to promote historical and descriptive studies of the English Language in Australia and without restricting the generality of the foregoing, in particular to—

(a) promote, foster, develop and assist, within the Department of English of the University of Sydney, historical and descriptive studies of Australian English;

(b) recommend grants to the Department of English for the purchase of plant, equipment and materials or otherwise for the promotion of studies of the English Language in Australia from funds raised by the Centre by way of fees, donations and the like;

(c) admit to membership of the Centre persons, firms, companies, and associations, whether incorporated or unincorporated, and upon such terms and with such privileges as may be determined from time to time;

(d) recommend, arrange and sponsor the printing of publications and the issue thereof to members of the Centre and others;

(e) arrange for lectures, exhibitions and demonstrations;

(f) assist the University to acquire and turn to account patents, patent rights of inventions, copyright designs, trade-marks or secret processes;

(g) assist in arranging visits from abroad of experts in the English language;

(h) enter into any arrangement with any institution or association having objects similar to those of the Centre;

(i) solicit donations, gifts and bequests to the University of Sydney for Australian language research from members of the public; and

(j) do all such things as are incidental or conducive to the attainment of the above objects or any of them.

Chemical Engineering Foundation

On 3 August 1981 the Senate of the University approved the constitution of the Chemical Engineering Foundation within the University. The inaugural meeting was held on 15 July 1981. The first meeting of the Council was held on 14 September 1981.

The objects of the Foundation as set out in clause 3 of the constitution are to assist the Senate of the University of Sydney and the Vice-Chancellor on matters associated with education, study and research in chemical engineering within the University of Sydney and, without restricting the generality of the foregoing, in particular to:

(a) foster good communications between industry and commerce and the Department of Chemical Engineering;

(b) advise on courses of instruction in chemical engineering;

(c) encourage students of high calibre to work in the department;

(d) assist graduates in chemical engineering to make appropriate contributions to industry; and

(e) facilitate and develop research in chemical engineering with particular reference to industry-oriented projects.

Civil and Mining Engineering Foundation[1]

On 1 April 1968 the Senate of the University ratified the constitution of the Postgraduate Civil Engineering Foundation within the University. The first meeting of the Council of the Foundation was held on 23 April 1968.

On 6 October 1981 the Senate approved amendments of the constitution to change the name, objects and composition of the Foundation to take account of the amalgamation of the Departments of Civil and Mining Engineering into the School of Civil and Mining Engineering.

The objects of the Foundation, as set out in clause 3 of its constitution, are to assist the Senate of the University of Sydney and the Vice-Chancellor on matters associated with postgraduate education, study and research in civil engineering and in mining engineering in the School of Civil and Mining Engineering within the University of Sydney and, without restricting the generality of the foregoing, in particular to:

(a) co-operate with the School of Civil and Mining Engineering, the Civil Engineering Graduates Association and the Mining Engineering Graduates Association in furtherance of postgraduate education and research;
(b) recommend grants to the School of Civil and Mining Engineering for the purchase of plant, equipment and materials, or otherwise, for the promotion of postgraduate education and research, from funds raised by the Foundation by way of fees, donations and the like;
(c) admit to membership of the Foundation persons, firms, companies and associations, whether incorporated or unincorporated, and upon such terms and with such privileges as may be determined from time to time;
(d) recommend the printing of publications and the issue thereof to members of the Foundation and others;
(e) arrange for lectures, exhibitions and demonstrations;
(f) assist in arranging visits from abroad of specialists;
(g) subject to the concurrence of the Vice-Chancellor, enter into any arrangement with any institution or association having objects similar to those of the Foundation;
(h) solicit donations, gifts and bequests to the University of Sydney for the School of Civil and Mining Engineering from members of the public;
(i) foster co-operation in postgraduate engineering and research between industry and the School of Civil and Mining Engineering;
(j) do all such things as are incidental or conducive to the attainment of the above objects or any of them.

Dairy Husbandry Research Foundation

On 1 April 1958 the Senate of the University ratified the constitution of the Dairy Husbandry Research Foundation within the University. The inaugural meeting was held on 16 April 1959.

The objects of the Foundation as set out in clause 3 of its constitution are to advise the Senate of the University and the Vice-Chancellor on matters associated with dairy husbandry research within the University and, without restricting the generality of the foregoing, in particular to—

(a) promote, foster, develop and assist dairy husbandry research in the Department of Animal Husbandry within the University of Sydney;
(b) co-operate with the Department of Animal Husbandry in furtherance of dairy husbandry research;
(c) recommend grants to the Department of Animal Husbandry for the purchase of plant, equipment and materials, or otherwise, for the promotion of dairy husbandry research, from funds raised by the Foundation by way of fees, donations and the like;
(d) admit to membership of the Foundation, persons, firms, companies, and associations, whether incorporated or unincorporated, and upon such terms and with such privileges as may be determined from time to time;
(e) recommend the printing of publications and the issue thereof to members of the Foundation and others;
(f) arrange for lectures, exhibitions and demonstrations;
(g) assist the University to acquire and turn to account patents, patent rights or inventions, copyright designs, trade-marks or secret processes;
(h) assist in arranging visits from abroad of experts in dairy husbandry;
(i) enter into any arrangement with any institution or association having objects similar to those of the Foundation;
(j) solicit donations, gifts and bequests to the University of Sydney for the Department of Animal Husbandry from members of the public; and
(k) do all such things as are incidental or conducive to the attainment of the above objects or any of them.

The Foundation raises the funds to further its aims and objects by annual subscription from its members, limited to 50, and by gifts and donations.

Dental Health Education and Research Foundation

On 5 March 1962 the Senate approved the establishment of a Dental Health Education and Research Foundation. The Foundation is also known as the Dental Health Foundation — Australia.

The objects of the Foundation are to assist the Senate of the University and the Vice-Chancellor on matters associated with the promotion of education, study, work, and research relating to dental health and the advancement of the art and science of dentistry, and in particular to—

(a) co-operate with the University and in particular the Faculty of Dentistry for the improvement of the dental health of the community through public education, postgraduate education, and research into the problems of dental health;
(b) assist dental graduates and undergraduates in obtaining further training to better equip them to undertake research;
(c) recommend the printing of publications and the issue thereof to members of the Foundation and others;
(d) arrange lectures, exhibitions and demonstrations or the like;
(e) admit to membership persons, firms, companies, institutions, and organisations whether incorporated or unincorporated and upon such terms and with such privileges as may be determined by the Foundation from time to time;
(f) enter into any arrangement with any institution or organisation which has objects similar to those of the Foundation;

[1] Formerly the Postgraduate Civil Engineering Foundation.

(g) solicit donations, gifts, or bequests to the University of Sydney from members of the dental profession, the general public and any other source deemed appropriate for the promotion of the objects of the Foundation; and
(h) do all such things as are incidental or conducive to the attainment of the above objects.

Earth Resources Foundation

On 6 September 1976 the Senate approved the establishment of the Earth Resources Foundation.

The objects of the Foundation, as set out in clause 3 of its constitution, are to advise the Senate of the University and the Vice-Chancellor on matters associated with education, study and research in earth resources in the Department of Geology and Geophysics within the University, and without restricting the generality of the foregoing, in particular to promote, develop and assist education, study and research in geology and geophysics in the Department of Geology and Geophysics generally, and especially foster—

(a) research into Australian sedimentary basins with potential to yield economic accumulations of fossil hydrocarbons;
(b) research into the origin and nature of occurrence of ore bodies in Australia;
(c) research into geophysical and geochemical techniques relating to the exploration for mineral deposits and fossil hydrocarbons;

The objects may be achieved by—

(a) co-operating with the Department of Geology and Geophysics in furtherance of these ends;
(b) recommending grants to the Department of Geology and Geophysics for the purchase of plant, equipment and materials or otherwise, for the promotion of earth resources research, from funds raised by the Foundation by way of fees, donations and the like;
(c) admitting to membership of the Foundation, persons, firms, companies and associations, whether incorporated or unincorporated, and upon such terms and with such privileges as may be determined from time to time;
(d) recommending the printing of publications and the issue thereof to members of the Foundation and others;
(e) arranging for lectures, exhibitions and demonstrations;
(f) assisting the University to acquire and turn to account patents, patent rights or inventions, copyright designs, trade-marks or secret processes;
(g) assisting in arranging visits from abroad of experts in earth resources;
(h) entering into any arrangement with any institution or association having objects similar to those of the Foundation;
(i) soliciting from members of the public donations, gifts and bequests to the University of Sydney to foster the objectives of the Foundation;
(j) doing all such things as are incidental or conducive to the attainment of the above objects or any of them.

The Foundation raises the funds to further its aims and objectives by annual subscription from its members, and by gifts and donations.

Foundation for Inorganic Chemistry, within the University of Sydney

On 2 July 1973 the Senate of the University ratified the constitution of the Friends of the Inorganic Chemistry Department of the University of Sydney. The inaugural meeting had been held on 2 May 1973.

The name of the Foundation was changed to its present style on 7 April 1975.

The objects of the Foundation are to assist the Senate of the University of Sydney and the Vice-Chancellor and Principal on matters associated with education, study and research in Inorganic Chemistry in the School of Chemistry within the University of Sydney and without restricting the generality of the foregoing, in particular to:

(a) co-operate with the School of Chemistry in promotion of education, study and research in Inorganic Chemistry;
(b) recommend grants to the School of Chemistry for the promotion of visits to the University of Sydney by scholars, teachers and research workers from other institutions;
(c) recommend grants to the School of Chemistry to assist visits by scholars, teachers and research workers from the University of Sydney to other institutions and to scientific conferences where such visits are directly related to education, study and research in Inorganic Chemistry;
(d) admit to membership of the Foundation, persons, firms, companies and associations, whether incorporated or unincorporated, and upon such terms and with such privileges as may be determined from time to time;
(e) recommend the printing of publications and the issue thereof to members of the Foundation and others;
(f) arrange for lectures, exhibitions and demonstrations;
(g) solicit donations, gifts and bequests for the promotion of education, study and research in Inorganic Chemistry, in the School of Chemistry;
(h) do all such things as are incidental or conducive to the attainment of the above objects or any of them.

Frederick May Foundation for Italian Studies

On 7 June 1976 the Senate approved the establishment of the Frederick May Foundation for Italian studies.

The objects of the Foundation, as set out in clause 3 of its constitution, are to advise the Senate of the University and the Vice-Chancellor on matters associated with Italian studies and, without restricting the generality of the foregoing, in particular to:

(a) promote, foster, develop and assist the study of the Italian language and culture within the University of Sydney and elsewhere;
(b) co-operate with the Department of Italian in furtherance of Italian studies at tertiary and pretertiary level;
(c) recommend grants to the Department of Italian for the purchase of equipment and materials, or otherwise, for the promotion of Italian studies, from funds raised by the Foundation by way of fees, donations and the like;
(d) admit to membership of the Foundation, persons, firms, companies and associations, whether incorporated or unincorporated, and upon such terms and with such privileges as may be determined from time to time;
(e) recommend the printing and/or purchase of publications and the issue thereof to members of the Foundation and others;
(f) arrange for lectures, exhibitions, performances, etc.;
(g) assist in arranging visits of experts in Italian

language and culture from within Australia and overseas;

(h) enter into any arrangement with any institution or association having objects similar to those of the Foundation;

(i) solicit donations, gifts and bequests to the University of Sydney for Italian studies from members of the public;

(j) do all such things as are incidental or conducive to the attainment of the above objects or any of them.

The Foundation raises the funds to further its aims and objectives by annual subscription from its members, and by gifts and donations.

Nutrition Research Foundation

On 5 March 1979 the Senate approved the establishment of the Nutrition Research Foundation.

The objects of the Foundation, as set out in clause 3 of its constitution, are to advise the Senate of the University and the Vice-Chancellor on matters associated with research in human nutrition within the University, in particular to:

(a) encourage, foster and support research in human nutrition in the Human Nutrition Unit of the Department of Biochemistry and the Commonwealth Institute of Health within the University of Sydney generally;

(b) support research scholars working in the field of human nutrition within the University of Sydney; and

(c) improve public education in the field of human nutrition by interpreting and communicating the results of research into human nutrition in Australian conditions.

These objects may be achieved by:

(a) co-operating with the Human Nutrition Unit of the Department of Biochemistry in furtherance of these ends;

(b) recommending grants to the Human Nutrition Unit of the Department of Biochemistry for the purchase of equipment, for the provision of scholarships and for the promotion of research, from funds raised by the Foundation by way of fees, donations and the like;

(c) admitting to membership of the Foundation persons, firms, companies and associations, whether incorporated or unincorporated, upon such terms and with such privileges as may be determined from time to time;

(d) recommending the printing of publications and the issue thereof to members of the Foundation and others;

(e) arranging for lectures, exhibitions and research workshops;

(f) assisting research workers to further their training by working for a period in leading overseas nutrition research centres;

(g) soliciting from members of the public donations, gifts and bequests to the University of Sydney to foster the objectives of the Foundation;

(h) doing all such things as are incidental or conducive to the attainment of the above or any of them.

Pharmacy Practice Foundation

On 3 July 1978 the Senate ratified the constitution of the Pharmacy Practice Foundation within the University of Sydney. The inaugural meeting was held on 9 May 1978.

The objects of the Foundation, as set out in clause 3 of its constitution, are to advise the Senate of the University and the Vice-Chancellor on matters associated with research in pharmacy in the Department of Pharmacy within the University of Sydney, and without restricting the generality of the foregoing, in particular to promote, foster, assist and develop the practice of pharmacy by educational study and research generally, and especially:

(a) to establish a Chair for this purpose within the Department of Pharmacy, University of Sydney;

(b) to engage in such other activities to develop the practice of pharmacy that the Council of the Foundation may from time to time determine.

The Foundation raises the funds to further its aims and objectives by annual subscription from its members, and by gifts and donations.

Medical Foundation[1]

The constitution of the Postgraduate Medical Foundation was ratified by the Senate on 7 July 1958.

The objects of the Foundation, as set out in clause 3 of its constitution, are to assist the Senate of the University and the Vice-Chancellor on matters associated with the promotion of postgraduate education, study, work, and research in medicine and the advancement of the art and science of medicine, and in particular to—

(a) co-operate with the Postgraduate Committee in Medicine and the Faculty of Medicine in the furtherance of postgraduate education and research in medicine;

(b) support the Postgraduate Committee in its public relations in the promotion of these objects;

(c) admit to membership of the Foundation persons, firms, companies, institutions, and associations, whether incorporated or unincorporated, and upon such terms and with such privileges as may be determined byhhe Foundation from time to time;

(d) enter into any arrangement with any institution or organisation which has objects similar to those of the Foundation;

(e) solicit donations, gifts and bequests to the University of Sydney from members of the public for the promotion of the objects of the Foundation; and

(f) do all such things as are incidental or conducive to the attainment of the above objects or any of them.

Planning Research Centre

On 2 November 1964 the Senate of the University ratified the constitution of the Planning Research Centre within the University. The inaugural meeting was held on 4 November 1964.

The objects of the Centre are to advise the Senate of the University and the Vice-Chancellor on matters associated with research within the Department of Town and Country Planning, and particularly to—

(a) collaborate with other departments within the University of Sydney, or other universities or appropriate institutions, in carrying out fundamental research into problems connected with physical planning and development;

(b) further the general understanding of the problems of urban and rural development by bringing together, in seminars, short courses, and conferences, members of the business, professional, and academic community;

(c) make better known, through lectures and publications, knowledge of the facts connected

[1] Formerly the Postgraduate Medical Foundation.

with urban and rural development for the assistance of those responsible at all levels of government, business, and professional activity;
(d) solicit donations, gifts, and bequests to the University of Sydney to assist the Centre in its activities; and
(e) undertake any additional matters in furtherance of the above objectives that the Council may from time to time decide.

Poultry Husbandry Research Foundation

On 7 October 1958 the Senate of the University ratified the constitution of the Poultry Husbandry Research Foundation within the University. The inaugural meeting was held on 12 May 1959.

The objects of the Foundation, as set out in clause 3 of its constitution, are to advise the Senate of the University and the Vice-Chancellor on matters associated with poultry husbandry research within the University and, without restricting the generality of the foregoing, in particular to—

(a) promote, foster, develop and assist poultry husbandry research in the Department of Animal Husbandry within the University of Sydney;
(b) co-operate with the Department of Animal Husbandry in furtherance of poultry husbandry research;
(c) recommend grants to the Department of Animal Husbandry for the purchase of plant, equipment and materials, or otherwise, for the promotion of poultry husbandry research, from funds raised by the Foundation by way of fees, donations and the like;
(d) admit to membership of the Foundation, persons, firms, companies, and associations, whether incorporated or unincorporated, and upon such terms and with such privileges as may be determined from time to time;
(e) recommend the printing of publications and the issue thereof to members of the Foundation and others;
(f) arrange for lectures, exhibitions and demonstrations;
(g) assist the University to acquire and turn to account patents, patent rights or inventions, copyright designs, trade-marks or secret processes;
(h) assist in arranging visits from abroad of experts in poultry husbandry;
(i) enter into any arrangement with any institution or association having objects similar to those of the Foundation;
(j) solicit donations, gifts and bequests to the University of Sydney for poultry husbandry research from members of the public; and
(k) do all such things as are incidental or conducive to the attainment of the above objects or any of them.

The Foundation raises the funds to further its aims and objects by annual subscription from its members, limited to 50, and by gifts and donations.

John Power Foundation for Fine Arts

On 1 May 1972 the Senate of the University ratified the constitution of the John Power Foundation for Fine Arts within the University. The inaugural meeting was held on 28 March 1972.

The objects of the Foundation, as set out in clause 3 of its constitution, are to advise the Senate of the University and the Vice-Chancellor on matters associated with the fine arts within the University and without restricting the generality of the foregoing, in particular to—

(a) promote, foster, develop and assist research and scholarship in the Power Institute of Fine Arts of the University of Sydney;
(b) co-operate with the Power Institute of Fine Arts in order to advance the objectives of the Institute;
(c) recommend grants to the Power Institute of Fine Arts for the purchase of plant, equipment and materials or otherwise, for the promotion of the fine arts from funds raised by the Foundation by way of fees, donations, and the like;
(d) assist in arranging visits from abroad of distinguished artists, critics and scholars in the fine arts;
(e) co-operate with the Power Institute of Fine Arts and other bodies in order to bring major art exhibitions to Australia which might otherwise not be shown in Australia;
(f) admit to membership of the Foundation, persons, firms, companies and associations, whether incorporated or unincorporated, and upon such terms and with such privileges as may be determined from time to time;
(g) solicit donations, gifts and bequests, including gifts of works of art, both by Australian artists and artists of other countries, to the University of Sydney;
(h) promote regular overseas visits, by students of the University of Sydney, to major art centres, exhibitions or expositions abroad;
(i) promote good international relations for Australia in the fine arts;
(j) enter into any arrangement with any institution or association having objects similar to those of the Foundation;
(k) recommend the printing of publications and the issue thereof to members of the Foundation and others;
(l) do all such things as are incidental or conducive to the attainment of the above objects or any of them.

The Foundation raises the funds to further its aims and objects by annual subscription from its members, and by gifts and donations.

Science Foundation for Physics[1]

On 8 June 1953 the Senate of the University ratified the constitution of the Nuclear Research Foundation within the University. The inaugural meeting was held on 11 and 12 March 1954.

On 5 September 1966 the Senate approved an amendment of the constitution to change the name of the Foundation to the Science Foundation for Physics.

The objects of the Foundation, as set out in clause 3 of its constitution, are to advise the Senate of the University and the Vice-Chancellor on matters associated with nuclear research in the School of Physics within the University and, without restricting the generality of the foregoing, in particular to—

(a) promote, foster, develop and assist science in the School of Physics within the University of Sydney;
(b) co-operate with the School of Physics in furtherance of science;
(c) recommend grants to the School of Physics for the purchase of plant, equipment and materials, or otherwise, for the promotion of

[1] Formerly *The Nuclear Research Foundation.*

science, from funds raised by the Foundation by way of fees, donations, and the like;
(d) promote research into physics generally;
(e) admit to membership of the foundation persons, firms, companies and associations, whether incorporated or unincorporated, and upon such terms and with such privileges as may be determined from time to time;
(f) recommend the printing of publications and the issue thereof to members of the Foundation and others;
(g) arrange for lectures, exhibitions, and demonstrations;
(h) assist the University to acquire and turn to account patents, patent rights or inventions, copyright designs, trade-marks or secret processes;
(i) assist in arranging visits from abroad of experts in science;
(j) enter into any arrangement with any institution or association having objects similar to those of the Foundation;
(k) solicit donations, gifts and bequests to the University of Sydney for the School of Physics from members of the public; and
(l) do all such things as are incidental or conducive to the attainment of the above objects or any of them.

The Foundation raises the funds to further its aims and objectives by annual contributions from its members, limited to 100, and by gifts and donations.

Postgraduate Foundation in Veterinary Science

On 7 December 1964 the Senate approved the establishment of the Postgraduate Foundation in Veterinary Science.

The objects of the Foundation are to advise the Senate of the University and the Vice-Chancellor on matters associated with the promotion of postgraduate education, study and research in veterinary science and, in particular to—

(a) co-operate with the Postgraduate Committee in Veterinary Science in the furtherance of postgraduate education and research in veterinary science;
(b) support the Postgraduate Committee in Veterinary Science in its public relations in the promotion of these objects;
(c) admit to membership of the Foundation persons, firms, companies, institutions and associations, whether incorporated or unincorporated, and upon such terms and with such privileges as may be determined by the Foundation from time to time;
(d) enter into any arrangement with any institution or organisation which has objects similar to those of the Foundation;
(e) solicit donations, gifts and bequests to the University of Sydney from members of the public for the promotion of the objects of the Foundation; and
(f) do all such things as are incidental or conducive to the attainment of the above objects or any of them.

Warren Centre for Advanced Engineering

On 1 December 1980 the Senate of the University approved the constitution of the Warren Centre for Advanced Engineering within the University.

The objects of the Centre as set out in clause 3 of its constitution are to assist the Senate and the Vice-Chancellor on matters associated with advanced engineering by co-operating with industry to promote excellence and innovation in all fields of engineering in Australia and, without restricting the generality of the foregoing, in particular to:

(a) work in close co-operation with industry and the engineering profession, bringing together the co-ordinated skills of the various engineering disciplines and branches;
(b) assist in bringing to the Centre as Visiting Fellows stimulating persons of outstanding achievement in order that they may influence engineering design, practice, organisation and management in Australia;
  (i) A Visiting Fellow may be from abroad or from Australia and may be in an academic career or within some form of industry or may be a person skilled in the art of turning research into products.
  (ii) A Visiting Fellow shall normally be appointed for a maximum period of 6 months, but a longer appointment may be made.
(c) invite applications from appropriate engineers to work with Visiting Fellows in the study of advanced techniques and the applications of those techniques towards finding solutions to current or foreseeable problems;
  Applicants chosen would be those with a demonstrated capacity to develop their skills in the field of expertise of the Visiting Fellow and who are believed to be capable of expanding their horizons, standards and expertise.
(d) arrange seminars, courses, workshops and the like at which Visiting Fellows, engineers from industry, academic staff and students may present papers, give lectures, demonstrations etc., concerning their work to enable their information, skills and influence to spread to a larger number of engineers;
(e) recommend the printing of papers and publications and the issue thereof to members of the Centre and others;
(f) carry out studies of problems or projects for industry with or without a fee as determined by the Board;
(g) provide an organisation and a mechanism to assist engineers from the University to work in industry and vice versa, to enable a widening of experience and skills by both parties and to assist, where appropriate, engineers from Australia to study a particular problem abroad;
(h) provide scholarships or financial assistance where appropriate to assist in the achievement of paragraph (g);
(i) do all such things as are incidental to or conducive to the attainment of the above objects or any of them.

Bequests and endowments

This section includes Private Foundations, which are capital sums held in trust in perpetuity by the University, the income being used for various university purposes, and Bequests and Donations which, under the will or term of the gift, can be fully expended for various university purposes. Those private foundations established to provide scholarships, prizes and bursaries may be found in the section 'Scholarships, Prizes and Bursaries'.

Ruby Goodrich Adams Bequest
After a number of bequests to relatives and friends, Miss R. G. Adams who died in 1971 left the residue of her estate to be divided equally between the University and a number of charitable organisations.

The University's share in the residue of the estate was $9470.

Archibald Research Fund
Jules F. Archibald, journalist, of Sydney died in 1919. In his will he directed the trustees to call in and convert his real and personal estate and divide the estate into fifty shares, four of such shares, representing four-fiftieths of the net value of the estate being bequeathed to the University towards any fund established for cancer research.

The university's share of the estate was approximately £6350.

Ruby Rita Arrow Bequest
Miss R. R. Arrow who died in 1978 bequeathed the residue of her estate to the University for the Department of Medicine.

The University received $7063.

Myra Josephine Atkinson Bequest
Under her will Miss M. J. Atkinson who died in 1968 bequeathed to the University the residue of her estate, to be applied in research work into the cause of cancer, in memory of her friend, the late Miss Alma Elsie Mary Tyrer, who died in 1961. The residuary value of the estate received by the University amounted to $55 650.

Baloran (Sydney University) Trust Foundation
The Fund was established in 1979 with the income to be distributed to the University to be applied for the promotion and advancement of education in such branches of medicine as the Senate of the University may decide.

The University has received $24 122.

His Royal Highness Prince Nawaf Bin Abdul Aziz
Pursuant to a deed between His Royal Highness Prince Nawaf Bin Abdul Aziz of the Kingdom of Saudi Arabia and the University, His Royal Highness agreed to make available $5 000 000 in two instalments to the University for use by The Science Foundation for Physics for solar energy research.

Anthony Pierre Balthasar Bequest
Dr A. P. Balthasar who died in 1979 bequeathed a legacy of $50 000 to the University for research into anaesthesia for medical purposes.

The full legacy was received.

William Norman Barron Bequest
William N. Barron who died in 1956 bequeathed the residue of his estate subject to an annuity in favour of his wife, for the University's general purposes.

The University received $44 139.

William and Agnes Bennett Aeronautical Research Fund
Established in 1955 by a gift of £5000. Subsequently increased to £10 000 by a further gift in 1956, from Agnes E. L. Bennett, OBE, MD *Edin. BSc.*

The Fund is for the purchase of capital equipment for the William and Agnes Bennett Supersonics Laboratory, for travelling grants for research personnel connected with the laboratory, and for the provision of research and technical staff as occasion demands.

Elizabeth Gatherer Blackwood Bequest
A quarter share of the residuary estate of Miss Elizabeth Gatherer Blackwood was bequeathed to the University 'to be applied in such a manner as the Dean of the Faculty of Medicine shall for the time being think fit for research in the disease of cancer'.

The University's share in the estate was $165 680.

G. G. Blake Radio-Frequency and Electronic Research Fund
Founded in 1962 by a bequest of £700 to the University for the Department of Chemistry under the will of the late George Gascoigne Blake.

This Fund is to be used specifically towards the various applications of radio frequency and electronics to chemical analysis commenced by the late G. G. Blake.

Boden Chair of Human Nutrition
Alexander Boden, one of the University's graduates, donated $500 000 between 1976 and 1982 for the establishment of the Boden Chair of Human Nutrition within the Department of Biochemistry.

Minnie Grace Bonner Bequest
Miss M. G. Bonner who died in 1959 bequeathed the residue of her estate for the advancement of knowledge in medical science by means of medical research in New South Wales. The Supreme Court of New South Wales, on the Attorney General's application, directed that the residue be distributed as to one-third to the University.

The University received $10 083.

Bosch Fund
In 1927 George H. Bosch, a Sydney merchant, offered the University the sum of £25 000 for the endowment of a Chair of Histology and Embryology, and £1500 for the purchase of apparatus for the Department of Anatomy. The Senate accepted these gifts with gratitude, and expressed its warm appreciation of the generous public-spirited action.

In 1929, Mr Bosch donated a further sum of £220 000 in city properties and securities to the University, thus bringing his gifts to the institution to more than a quarter of a million pounds.

The benefaction was given for the purpose of establishing full-time Chairs in Medicine and Surgery, and for the establishment of a Chair of Bacteriology, and the building and equipping of laboratories for the promotion of medical and surgical knowledge.

In 1932 the University received a sum of about £6000, being the balance due to the University under the terms of the Deed of Trust executed by Mr Bosch in October 1929.

Miss Annie Trestain Bray Bequest
Miss A. T. Bray who died in 1965 bequeathed one-seventh of her residuary estate to the University 'to be used for research work in connection with the prevention and cure of cancer'.

The University received $27 795.

Else Charlotte Bertha Bruce-Stevens Bequest
Miss E. C. B. Bruce-Stevens who died in 1979 bequeathed the residue of her estate to the University for cancer research.

The University received $140 573.

Margaret Bruce Bryson Bequest
Miss M. B. Bryson who died in 1961 bequeathed one-quarter of the residue of her estate to the University for cancer research in such manner as the Senate might determine.

The University received assets valued at £9970.

Brigadier Harry Charles Bundock, DSO, Fund
Under the terms of her will, the late Mrs Eleanor Theodora Bundock who died in 1972 bequeathed to the University a collection of Georgian silver valued at $9300. In addition, after a number of legacies, Mrs Bundock directed that the residue of her estate be held in trust for the University, the income 'to be applied for the purposes of the said University in such manner as the Senate thereof shall determine and I direct that the fund . . . shall be known as the Brigadier Harry Charles Bundock, DSO, Fund.'

The late Brigadier Bundock served in both World Wars, was twice wounded in action, twice mentioned in despatches for outstanding service and was awarded the Distinguished Service Order. His distinguished military career spanned thirty-eight years from 1908 to 1946.

The net value of the estate is estimated at about $185 000.

Busby Research Fund
Mrs Augusta Eliza Mitchell Busby of Wunulla Road, Point Piper who died in 1941 bequeathed to the University the sum of £100 to be applied towards research work. In 1942, the Professorial Board, on the recommendation of the Faculty of Medicine, approved of the bequest being utilised to create a fund, the income from which was to be expended on the purchase of apparatus etc. for research work.

The sum of £100 was received.

Bushell Chair of Neurology
In 1978 the Laura Bushell Trust agreed to provide $40 000 per annum over five years towards activities in neurology. The University conferred the title of Bushell Professor of Neurology on a present Professor and the funds made available by the Trust are to be used to support postgraduate teaching and research activities by appointing a clinical research fellow and supporting staff on a short-term basis.

John and Betty Casey Research Trust
Sydney John Casey who died in 1976 bequeathed the residue of his estate on trust, subject to a life interest, with the income thereafter to be paid in perpetuity to the University for The John and Betty Casey Research Trust to be applied for the education of students and in the development of and study of and research in New South Wales into the pastoral industry generally and, in particular, into nominated areas of research. The research trust shall be administered by a committee of five members.

The capital value of the trust estate has been estimated at approximately $380 000.

Challis Fund
In 1880 John Henry Challis bequeathed residuary real and personal estate to the University, 'to be applied for the benefit of that Institution in such manner as the governing body thereof shall direct'.

From the income of the Fund a sum of £7500 was applied for the payment of half the cost of the erection of a new Chemical Laboratory, and a further sum of £1200 devoted to the erection of a marble statue of Mr Challis, which has been placed in the Great Hall, opposite to that of W. C. Wentworth.

Chairs in the following subjects: English Literature, Philosophy, History, Law, International Law and Jurisprudence, Anatomy, Biology and Civil Engineering, are among Challis Chairs and certain lectureships in the Faculty of Law are named Challis Lectureships.

William Chapman Bequest
William Chapman who died in 1969, bequeathed one-half of his estate to the Senate of the University for the purpose of cancer research in New South Wales and the other half to the Postgraduate Medical Foundation in the University for the purpose of research in heart disease to be carried out in New South Wales.

The value of the residuary estate received was approximately $1 460 000.

Ethel Mary Chettle Bequest
Mrs E. M. Chettle who died in 1983 bequeathed the residue of her estate to the University with a request, but without creating any trust or legal obligation, to pay and apply the bequest towards postgraduate work in the Department of Architecture, the Noel Chettle Art Prize, the library of the Faculty of Architecture, and towards a new prize in the Faculty of Architecture.

The value of this bequest has been estimated at $300 000.

George Edward Christy Bequest
Mr G. E. Christy who died in 1976 bequeathed his residuary estate to the University subject to a life interest, which terminated in 1962, requesting that the 'proceeds be used for research into the effects of automation in Australia'.

The University received assets valued at $15 757.

Francis George and Helena Melville Clark Endowment
Francis G. Clark who died in 1972 bequeathed the residue of his estate to the University for any purposes the Senate thinks fit. The University received $2 334 918.

A. M. Cohen Fund
In May 1948 A. M. Cohen donated to the University the sum of £100 to be used for research into the treatment of rheumatoid arthritis.

The Faculty of Medicine has decided to use the income from this Fund for the purchase of books and monographs on rheumatic diseases.

Violet Cole Bequest
Miss V. Cole who died in 1978 bequeathed two-thirds of the residue of her estate to the University to be applied for general medical research.

The University received $22 807.

Sefton Cullen Settlements Nos. 1 and 2
By two settlements made on 3 October 1929 and 8 May 1945 the late Sefton Cullen settled assets upon trust comprising cash and shares with the income thereon to be paid to his wife for life. By two supplementary deeds made on 18 June 1963 by the late Mr Cullen, the University was to receive, following the death of his widow in March 1975, a one-sixth share in the remainder of the Settlements for purposes of Scientific Research.

The University received assets valued at $18 349.

Mrs Elsie Alma Culnane Bequest
Under her will Mrs Elsie Alma Culnane who died in 1957 bequeathed two one-sixth parts of her residuary estate to the University, one part being for diabetes research, and the second part for cancer research.

The total amount received under the will amounted to £22 478, i.e. £11 239 for each of the purposes mentioned.

Curatorship of Macleay Museum
In 1888 the sum of £6000 was given to the Senate by the Hon. Sir William Macleay, MLC, to provide for the services of a curator for the collections in Natural History which he had presented to the University.

Marion Lucy Whitford Dallison Bequest
Miss M. L. W. Dallison who died in 1978 bequeathed the residue of her estate to the Cancer Research Fund within the University.

The University received $32 454.

Alexander Andrew Dalziell Bequest
Under his will of 1939 A. A. Dalziell left the University two bequests of £4000 and £1000 for such purposes as the Senate may from time to time decide. Half the residue of the estate was bequeathed to the University for such purposes as the Senate from time to time decides. Without in any way fettering the discretion of the Senate as regards the legacies and bequests or imposing a trust or obligation in respect thereof, Mr Dalziell desired that the bequests or some part thereof be used in the furtherance of medical research.

Gertrude Constance Davey Bequest
Mrs G. C. Davey who died in 1949 bequeathed the residue of her estate to the University towards a research fund for the cure of arthritis or similar or kindred ailments.

The University received £23 000.

W. H. and Elizabeth M. Deane Archaeology Fund
Established in 1959 by an additional gift of £1000 by W. H. Deane, to the W. H. and Elizabeth M. Deane Arts Fund, half the income from which Fund shall be used to assist the study of Archaeology.

In later years Mr Deane donated a further $3020 to the Fund.

W. H. and Elizabeth M. Deane Library Fund
The Fund was established in 1957 with an initial gift of £1000 from Mr W. H. Deane, to be invested and the income used for the purchase of rare books and manuscripts for Fisher Library.

In 1959 Mr Deane donated Deane Chambers and in later years a further $9021 to the Fund. By 1979 the capital of the Fund was $200 000. The conditions are—

(a) that a unit distinct in itself to be known as 'The W. H. and Elizabeth M. Deane Collection' shall be formed within the Fisher Library and there shall be kept therein all books, manuscripts, papers and things purchased from the Library Fund or derived from any other source whatsoever either by way of fund or funds or gifts to the Collection;

(b) that the objects of the Collection shall be the assemblage and preservation of rarer material in literature, knowledge and art, and so provide facilities for the study of the higher branches of learning by mature scholars;

(c) that upon such Collection ultimately becoming sufficiently large then the whole Collection shall be housed in a gallery of its own provided for the purpose;

(d) that all books, manuscripts, papers and things added to and becoming part of the Collection shall be permanently housed within the Collection and in no other place and shall be stamped in black with the stamp of the Collection and in the case of a book bear in addition the bookplate of the Collection, provided however:

(i) that any item may for any special purpose such as its better preservation, protection or safety be elsewhere housed if the Librarian shall think it so desirable; and

(ii) that if the Librarian shall so approve then any item of the Collection may for the purpose of exhibition or display be placed temporarily 'on loan' for such purpose;

(e) that every book, manuscript, paper or thing within the Collection shall be catalogued in the catalogue of the Collection and, wherever else additionally catalogued, shall be identified in such catalogues as belonging to the Collection; and

(f) that any person making use of any material from such Collection in any original work of his own shall acknowledge his indebtedness to the Collection for the use of such material.

W. H. and Elizabeth M. Deane Pharmaceutical Fund
Established in 1958 by the initial gift of £1000 from W. H. Deane, BSc, the interest from this to be used from time to time within the Department of Pharmacy to carry on work in search of direct pain relieving drugs.

Mr Deane completed the fund at $10 000 in 1967.

W. S. and Annie E. Deane Library Fund
Established in 1959 by a gift of £1000 by W. H. Deane to be invested and income used for the purchase of rare books, manuscripts and 'objets de vertu' for the W. H. and Elizabeth M. Deane Collection.

The fund was completed by Mr Deane in 1981 at $50 000.

Evelyn Mary Dempsey Bequest
Miss E. M. Dempsey who died in 1982 bequeathed a small legacy, and half of the residue of her estate sub-

ject to a life interest, to the University for cancer research.

The value of this bequest has been estimated at $340 000.

Sir Hugh Denison Foundation
Sir Hugh R. Denison who died in 1941 bequeathed one-third of the residue of his estate upon trust to retain it as a permanent fund and to pay the net income arising therefrom to the University. The income is to be applied for the establishment of a foundation for scientific research to be known as the Sir Hugh Denison Foundation and used as the Senate may deem expedient.

In 1978 the University received $33 331.

Helen Isabella Denny Bequest
Mrs H. I. Denny who died in 1953 bequeathed the residue of her estate to the University for medical research.

The University received £2363.

Sir Hugh Dixson Collection of Minerals from Broken Hill
In 1909 the sum of £7050 was given by Sir Hugh Dixson, of Abergeldie, Summer Hill, to enable the University to purchase a collection of minerals obtained from the Barrier District of New South Wales, made by Mr Edward Aldridge.

Sir Hugh Dixson Gift of Radium
In 1918 30 milligrams of radium, valued at £1000 together with certain valuable apparatus, were given to the University by Sir Hugh Dixson, of Abergeldie, Summer Hill. Sir Hugh stated that during the war the radium was to be in the possession of the Royal Prince Alfred Hospital for the purposes of medical research, but within twelve months of the conclusion of the war an agreement was to be made between the University and the hospital as to whether it would be of greater benefit to society generally if used by the hospital, for medical science or for scientific purposes at the University.

Gordon Dowsett Melanoma Research Fund
This Fund was established in 1978 in memory of Gordon Edward Dowsett and with the support of Mr E. J. Dowsett, Mrs H. M. Dowsett and E. J. Dowsett & Son Pty Limited who had contributed $36 500 as at 31 March 1982.

C. W. S. and D. E. H. Dun Medical Library Fund
As one of the residuary beneficiaries under the wills of Mrs Daphne Eastfield H. Dun and Dr Charles William Sutherland Dun, both of whom died in 1963, the University established the 'C. W. S. and D. E. H. Dun Medical Library Fund'. Under the provisions of the wills, interest from capital invested is to be used 'towards the establishment and maintenance of a Medical School for the time being of the University of Sydney'.

The University received assets valued at $13 095.

John Bede Egan Bequest
John B. Egan who died in 1971 bequeathed a legacy of $4000 and a one-sixteenth share in the residue of his estate, to the Postgraduate Medical Foundation within the University.

The University received assets to the value of $9431.

Sir James Fairfax Bequest
Sir James Fairfax who died in 1929 bequeathed a legacy of £10 000 to the University for such purpose as the Senate thought fit.

The full legacy was received.

Cecilia Fell Bequest
Under her will Cecilia Fell who died in 1963 bequeathed to the University the sum of £105 'to further the interests of scientific and medical research and instruction within the University'.

The sum of £105 was received in July 1964.

Ian Buchan Fell Bequest
Ian B. Fell who died in 1961 bequeathed the residue of his estate on trust with the income for the promotion and encouragement of education at the University in particular but not exclusively for the Ian Fell Scholarships, and for the purpose of enabling scientific research.

The university receives approximately $40 000 per annum.

Thomas Fisher Bequest
In 1884 Thomas Fisher bequeathed the sum of £30 000 'to be applied and expended by the Senate in establishing and maintaining a library for the use of the University, for which purpose they may erect a building and purchase books and do anything that may be thought desirable for effectuating the purposes aforesaid'.

The main library of the University is named the Fisher Library in recognition of the endowment, and the income from the Fisher Fund is used for the purchase of books and other library materials.

Margo Roslyn Flood Bequest
Miss M. R. Flood who died in 1974 bequeathed the residue of her estate to the University for the purpose of assisting the research into the health of dogs and other purposes related thereto.

The University received $6148.

Alexander Young Fullerton Bequest
Dr A. Y. Fullerton who died in 1946 bequeathed the residue of his estate to the University for the purposes and benefit of the University.

The University received assets valued at $78 153.

Ernest Albert Garvin Bequest
Ernest A. Garvin who died in 1962 bequeathed the residue of his estate to the University for cancer research.

The value of this bequest is estimated at $51 000.

James Herbert Garvin Bequest
James H. Garvin who died in 1962 bequeathed the residue of his estate to the University for cancer research.

The University received $38 513.

Arthur and Renee George Chair in Classical Archaeology
The Arthur T. George Foundation Limited agreed to provide funds towards the continuation in perpetuity of the Chair in Archaeology which has been named the Arthur and Renee George Chair in Classical Archaeology.

In 1978 the University received $75 000 from the Foundation.

Mrs S. I. Gibson Bequest
Under her will the late Mrs S. I. Gibson bequeathed to the University the sum of $400 to be used for cancer research.

The sum of $400 was received in January 1966.

Ivy Jean Gill Bequest
Mrs I. J. Gill who died in 1976 bequeathed the residue of her estate to the Melanoma Research Unit.

The University received $9523.

Walter John Glover Bequest
Walter J. Glover who died in 1968 bequeathed the residue of his estate to the University for the purpose of financing research on the human heart.

The University received assets vaued at $8280.

Roslyn Flora Goulston Research Fund
In 1948 Mrs Daphne Luber presented to the University the sum of £250 as the first instalment for a fund to be known as the 'Roslyn Flora Goulston Research Fund'. A further £250 was received in 1949. The donor desired the income from the Fund to be made available for the development of pure research in the Department of Biochemistry and to be spent at the discretion of the Head of the Department.

Ronald Edward Graham Bequest
Ronald E. Graham who died in 1979 bequeathed his library of science fiction to the University.

Carlyle Greenwell Research Fund for Students in Anthropology
Carlyle Greenwell who died in 1961 bequeathed to the University his residuary estate, subject to certain life interests which terminated in 1961, to be invested and the income to be derived therefrom to be called 'The Carlyle Greenwell Research Fund for Students in Anthropology' and to be applied 'for student research field work and original literacy work in anthropology in such manner as the Senate of the University shall decide.'

The University received assets valued at $88 959.

Sybil Greenwell Bequest
Under her will Mrs S. E. V. M. Greenwell who died in 1961, widow of the late Carlyle Greenwell, bequeathed to the University (i) two amounts of $1000 for two annual prizes or scholarships in the Faculty of Law, one to be known as 'The Caroline Munro Gibbs' and the other as 'The Sybil Morrison' prize or scholarship; (ii) $3000 for a scholarship in the Faculty of Architecture to be known as the 'Elizabeth Munro Scholarship'; and (iii) her residuary estate, to be known as the 'Sybil Greenwell Bequest' and 'to be applied in support of the small animals section of the Rural Veterinary Centre at Camden'.

The prizes set out in (i) and (ii) above are contained in the prizes section of the Calendar, and the funds under (iii) have been used to support the position of a temporary clinical instructor at the Rural Veterinary Centre, Camden.

Ida Aileen Gummow Bequest
Miss I. A. Gummow who died in 1967 bequeathed one-quarter of the residue of her estate to the University for cancer research.

The University received assets valued at $73 116.

Edwin Cuthbert Hall Bequest
Under the will of Dr E. C. Hall, of Vaucluse, New South Wales, who died on 9 April 1953, his residuary estate was to be held in trust on the death of his wife, Mrs A. W. Hall, 'for the University of Sydney for the endowment of a Professorship in the subjects of Archaeology and Mythology in the Ancient Middle East, namely, Palestine, Egypt and Asia Minor'.

Mrs Hall died in 1958. The amount received at 31 December 1959 totalled about £88 610. In 1960 The Edwin Cuthbert Hall Chair of Middle Eastern Archaeology was established.

Roy Charles John Hammond Bequest
Under the terms of his will R. C. J. Hammond, after a number of legacies, bequeathed one-third of his residuary estate 'to the cancer research fund of the University of Sydney'.

The University received $121 756.

Harington Trust Fund
Thomas Cuthbert Harington, of England, in a will dated 1860, directed that after the death of two nieces (which happened in 1929), 'a fund should be applied for the purposes of a library to be attached to the University of Sydney, to be designated the Harington Library, in such portions at such time or times and in such manner as the Protestant Church of England Bishop for the time being of the diocese in which the said University shall be situate shall determine'.

In 1930 the Senate acknowledged an offer from His Grace the Archbishop of Sydney to hand to the University the principal of the Fund, known as the 'Harington Library Fund', on the following conditions—

(a) That the Library established by means of the Fund be housed in a room in the University, to be called 'The Harington Library';
(b) That the interests on the capital be used for the purchase of books dealing directly or indirectly upon religious subjects;
(c) That the books be selected by a committee consisting of the Archbishop as Chairman, the Vice-Chancellor, and the Professor of Greek.

The assets from the Fund realised in England £488, and this being transferred to Sydney in 1931, brought the capital sum up to about £636.

Bernard Morris Harris Bequest
Bernard M. Harris who died in 1974 bequeathed a legacy to the University's Post-Graduate Medical Foundation.

The University received $4324.

Gladys Emma Harris Bequest
Under her will Miss G. E. Harris who died in 1977 bequeathed one-tenth of the residue of her estate to the University to be applied for the purpose of medical and particularly cancer research.

The University received assets valued at $4714.

Sadie Emma Hart Bequest
Miss S. E. Hart who died in 1967 bequeathed the residue of her estate to the University for the purpose of research into the causes and treatment of insomnia and cancer.

The University received $8404.

Charles Samuel Harte Bequest
Under the terms of his will C. S. Harte who died in 1971 bequeathed the residue of his estate to the Post-graduate Medical Foundation.

The value of the residuary estate was $34 385.

Mr and Mrs Sydney T. Haynes Bequest
Mrs Rachel Elizabeth Haynes who died in 1961 bequeathed half the residue of her estate to the University for scientific medical research, the Fund to be known by the above name.

The University received £50 712.

Hebden Research Fund
By deed of gift of 7 August 1925 Miss Elizabeth Spencer Hebden of East St Kilda, Melbourne, bearing in mind old associations connected with the State of New South Wales, and many benefits received from that State, where her late father, George Hebden, and her late brothers, George Henry Hebden and Charles Spencer Bransley Hebden, lived and died, and in perpetuation of their memory, bequeathed to the University the sum of £5000 to be held in perpetuity for the promotion and support of medical and surgical research work and for kindred subjects.

Both graduates and undergraduates are eligible to receive grants from the Fund for research as may be approved by the Professors of the Medical School acting as a committee. All applications in connection with this Fund shall be lodged with the Registrar. The annual sum available from the Hebden Fund is about $1700.

Violet Ethel Henderson Bequest
Under the terms of her will Mrs V. E. Henderson who died in 1973 bequeathed one-half of her residuary estate, after a number of legacies, to 'Sydney University for cancer research'.

The University received $30 557.

Lebanon Ladies Association University Fund
The fund was established in 1953 and is for the purchase of books and journals for the Library, guest lecturers and audiovisual materials in the instruction of Arabic.

The University received $8650 from the Association.

Lucien Henry Fund
In 1932 Lucien Henry of North Sydney bequeathed to the University the sum of £1000 to be used for research in connection with tuberculosis. From the interest on this fund grants in aid of research in tuberculosis may be made by the Senate on the recommendation of the Faculty of Medicine. An applicant for a grant from this fund must forward to the Registrar a detailed statement of his proposed investigations for transmission to the Faculty. Any subsequent report of such work shall include an acknowledgment of assistance from the Lucien Henry Fund.

James Macartney Hill Bequest
In April 1960 the University was advised that under his will the late J. M. Hill bequeathed the income from his residuary estate, subject to the payment of an annuity to his daughter and to one other condition, to the Senate of the University of Sydney, to be applied 'for such research purposes or work as the said Senate shall in its sole discretion decide to be of use and benefit to mankind'.

The University received assets valued at £18 646.

Janet Hill Fund
Mrs Janet Hill died in 1945 and under her will bequeathed to the University 'the sum of £1000 to be applied by it in such manner as the Senate of the said University shall think fit towards the research work for cancer now being or at any time hereafter to be carried on by the University'.

John Thomas Hamilton Hill Bequest
John T. H. Hill bequeathed, subject to certain life interests, the residue of his estate to the University to be applied for or towards research work in the Faculty of Medicine. The life interests ceased.

The University received assets valued at $18 032.

Eric Thomas Wallis Holt Bequest
Eric T. W. Holt, a grazier of 'Mount Pleasant', Marulan, died in 1971. Under the terms of his will Mr Holt bequeathed a property known as 'Arthursleigh' to the University 'to be applied for the benefit of or purposes of animal research and medical and science research'. The residue of his estate, subject to a life tenancy for Mr Holt's widow, is bequeathed to the University for the same purpose.

Although the residuary value of the estate is not yet known, the gross value may exceed $1 million.

Thelma Joyce Hughes Bequest
Mrs T. J. Hughes who died in 1978 bequeathed half of the proceeds of the sale of her home unit at Chatswood and half of her investments to the University for cancer research.

The University has received $32 212.

Hunter Memorial Fund
Founded in 1926 by subscribers to a memorial of the late Professor John Irvine Hunter by a gift of £500, the income of which is to be devoted to a biennial Hunter Memorial Lecture.

From the amount subscribed and handed over to the University, namely £1750, two portraits were obtained and the balance invested, the interest being devoted to library and research purposes. The library is the property of the University and is housed in the Fisher Library.

A Hunter Memorial Committee has been appointed to advise the Senate as to any question that may arise from time to time concerning the application of the Hunter Memorial Funds. The committee consists of the Vice-Chancellor, the Professor of Anatomy, and a practising member of the medical profession to be appointed from time to time. The first member appointed was Dr N. D. Royle.

Ernest Athelston James Bequest
The late Mr E. A. James who died in 1982 bequeathed the residue of his estate to the University, subject to a life interest, for the furtherance of studies in Social Sciences.

The value of this bequest has been estimated at approximately $63 000.

Leila Grace Johnston Bequest
Mrs L. G. Johnston who died in 1979 bequeathed the residue of her estate to the University for cancer research.

The University received $8982.

Mona Kathleen Kelly Bequest
Under the terms of her will Miss M. K. Kelly who died in 1972 bequeathed one-half of the residue of her estate to the University to be applied for the purpose of cancer research within the Faculty of Medicine.

The University received $39 445.

R. de W. and S. F. Kennedy Bequest
Under his will Robert de Witt Kennedy who died in 1962 bequeathed the sum of £5000 to the University for the purpose of medical research for the alleviation

of human suffering, 'to be used therefor in such manner as the Senate of the University shall decide'.

J. Kentley Memorial Fund
James Kentley who died in 1980 bequeathed the residue of his estate to the University to be used for postgraduate study and research or such other related purposes as the Senate may decide.

The University received assets valued at $69 378.

Alexander Livingstone Kerr Bequest
Alexander L. Kerr who died in 1938 bequeathed the residue of his estate, subject to several life interests, to the University for research in the prevention and cure of disease.

The University received assets valued at $35 020 and further distributions may occur.

Joseph Alexander Kethel Bequest
Under his will Joseph Alexander Kethel who died in 1946 left the residue of his estate, subject to a life interest, to be held in trust for the University for the purpose of cancer research. After the death of the life tenant in 1961, the University received the residue of the estate being capital and income to the value of about $174 690.

W. A. King Fund
Under the will of William Alexander King of Artarmon, who died in 1944, the residue of his trust funds in South Africa was bequeathed to the University after the payment of certain expenses and a legacy. The money was to be paid to the Vice-Chancellor of the University and to be applied for the purpose of medical research in such manner as the Senate may determine.

The University received £10 400 Australian currency.

Kooroora Foundation
Established in 1969 by a gift of $4810 from the Kooroora Club, the income from the foundation is to be applied for field work and other activities in the Department of Social Work at the discretion of the Head of the Department of Social Work.

Reginald Maney Lake Fund
The late Mrs Nellie Mildred Blanche Cowburn who died in 1948 bequeathed to the University a legacy of £5000 for the Amy Laura Bonamy Scholarship and half the residue of her estate for medical research, to be known as the Reginald Maney Lake Fund.

The University received $15 317.

Rolf Edgar Lake Bequest
Rolf E. Lake who died in 1978 bequeathed the residue of his estate, subject to a life interest in favour of his wife, upon trust for the University to be used in such research work in the Faculty of Medicine as the Senate acting upon the advice of the Faculty shall from time to time decide.

The value of this bequest has been estimated at $1 000 000.

Archibald Lane Bequest
Archibald Lane who died in 1977 bequeathed the residue of his estate to the University for purposes of cancer research.

The University received $35 125 as the full distribution due from the estate.

Samuel Lasker Bequest
Samuel Lasker who died in 1943 bequeathed, subject to payment of seven annuities, a one-seventh share of a share of the residue of his estate for the Cancer Research Committee of the University.

The University received assets valued at $4628.

Kathleen Joan Laurence Bequest
Under her will Miss K. J. Laurence who died in 1972 bequeathed much of her estate to the University.

The late Miss Laurence devised, subject to a life interest, her property at Mosman to the University.

One-third of the residue of the Estate is to be applied by the University in memory of her cousin the late Dr George A. Makinson Heydon for a library for the Biological Sciences Building or to form a fund to provide for the purchase of books and scientific journals, with the library to be known as 'The Heydon Library'.

As to the other two-thirds of residue, the sum of $4000 was bequeathed to the University to establish a fund to be known as 'The Jabez King Heydon Memorial Fund' for a memorial prize in the biological sciences. The remaining part of the residue, subject to the provision of certain funds and interests, was bequeathed to the University for the erection of a residential building for student accommodation to be known as 'The K. J. Laurence Hall'.

The University's share in the estate has been estimated to be in excess of $600 000.

Gift from Sir Nicholas Laurantus to establish the Study of Modern Greek
In 1968 Sir Nicholas Laurantus of 'Midgeon' Station, Narrandera, made a gift of $120 000, half of which was in the form of real estate which was subsequently sold, to establish the study of Modern Greek in the University.

The donor expressed the hope that the introduction of Modern Greek will encourage Australian students to study Greek as a second language and will also provide a means by which persons of Greek origin resident in Australia can maintain an active interest in the language of their mother country.

The Chair of Modern Greek was established in 1970.

William and Amy Lewis Trust
Established in 1956 by a gift of £500 from Miss E. E. Lewis to commemorate her parents, William and Amy Lewis. Further gifts of £500 were received in 1957 and 1958.

The income from the Fund is to be used for medical research within the University.

Bertha May Light Bequest
Mrs B. M. Light who died in 1979 bequeathed the residue of her estate to the University to be applied by the Senate within the School of Medicine for postgraduate medical research on such terms and conditions as the Senate should in its absolute discretion think fit.

The University received $82 765.

Rachel Lipton Bequest
Mrs Rachel Lipton who died in 1978 bequeathed the greater part of the residue of her estate, subject to the life interest of her husband, for the establishment of a residential college on the campus of the University or nearby as a memorial to Reverend Bezalel Mandelbaum and his wife Freda, to be known as 'Mandelbaum House'.

The value of this bequest has been estimated at approximately $500 000.

K. S. H. Livingston Bequest
The residuary estate of the late K. S. H. Livingston, formerly grazier of Moree who died on 10 January 1969 was bequeathed to the University with the wish that it be applied for cancer research.

The University received assets to the value of $1 089 450.

Mayo Beazely Livingstone Bequest
Mayo B. Livingstone who died in 1954 bequeathed a residuary interest in certain real estate to the University, to be applied for the Animal Clinic in the Faculty of Veterinary Science.

The University received real estate valued at $60 000.

Kenneth Rowland Lobb Bequest
In March 1977 the University was advised that under his will, the late K. R. Lobb had bequeathed the residue of his estate to the University's Bill White Melanoma Research Fund.

The University received $19 738 as residuary estate.

Lionel Marcelles Lonsdale Bequest
L. M. Lonsdale who died in 1970 bequeathed one-half of the residue of his estate to the University to be applied in the Veterinary Hospital and Clinic in Sydney. After setting aside $5000, the income from which is to be applied towards two scholarships or prizes of $200 and $100 to students in the veterinary course, the balance is to be applied in the hospital and clinic for research in the diseases of domestic animals and to the treatment of them.

The University received $150 000.

L. & L. McAlister University Research Fund
Leslie Charles McAlister who died in 1976 bequeathed the residue of his estate to the University for the L. & L. McAlister University Research Fund, to be used by the Department of Surgery or other department of the Faculty of Medicine for research into the causes, treatment and cure of cancer.

The University received $144 704.

MacCallum Fund
The late Emeritus Professor Sir Mungo MacCallum bequeathed to the University, in addition to a large collection of his books, a sum of £1000 to be employed for the benefit of the University as the Senate may determine.

In 1953 the Senate decided that because of Sir Mungo MacCallum's close association with the Department of English the bequest be used to help that Department. Accordingly the bequest was formed into a fund to be known as 'The MacCallum Fund' from which money will be available as interest free loans. These loans are to be repaid within a maximum period of six years from the time of award and the capital in hand will not be allowed to fall below £500. Advances from the Fund are available to permanent members of the Department of English and to graduates in English of outstanding ability to further their scholarship by study abroad or in arranging for the publication of research work. Advances from the Fund are to be made by the Professors of English in consultation with the Vice-Chancellor and the Dean of the Faculty of Arts.

McCaughey Fund
In 1919 the late Hon. Samuel McCaughey made a bequest to the University in the following terms:

'I declare that my trustees shall, subject to clause 21 of this my will, hold the residue of the said trust funds upon the trusts following, that is to say, in trust, to divide the same into two equal moieties, and as to one of such moieties to divide the same into three equal parts or shares, and to hold the same upon the trust following — that is to say, as to two of such parts or shares to apply and appropriate the annual income thereof, or the balance of such income after payment of all expenses, costs, charges, and outgoings incurred in connection therewith for the University of Sydney, and as to the other third or share to apply and appropriate the annual income thereof, or the balance of such income after payment of all such charges and outgoings incurred in connection therewith for the University of Brisbane, such income to be applied to such purposes as the respective Senates of the said universities may from time to time determine.'

Sir Samuel McCaughey, who was a native of County Antrim, in Ulster, Ireland, came to Australia at twenty years of age, and engaged in pastoral pursuits. In the course of his occupation he amassed a large fortune by skilful management and improvement of his stock, and by making important arrangements for irrigation and conservation of water. He was a member of the Legislative Council from 1899.

The approximate annual income from the Fund is $55 000.

Ruby Lillian McCauley Bequest
Under her will Miss R. L. McCauley, who died in 1969, bequeathed two-thirds of her residual estate to be applied in two equal parts by the Postgraduate Medical Foundation in the University for research into cancer and heart diseases. The University received $15 092.

Nina Coomburah McConochie Bequest
Miss N. C. McConochie who died in 1982 bequeathed her estate to the University for research into the causes and treatment of deformities and disabilities of the human body in such manner as the Senate may determine.

The value of this bequest has been estimated at $405 000.

Ronald McGrath Bequest
Ronald McGrath who died in 1980 bequeathed the residue of his estate, subject to a life estate as to a small part, to the Postgraduate Medical Foundation of the University for the general purposes of the Foundation.

The value of this bequest has been estimated at $1 500 000.

Charlotte Carolin Macgregor Bequest
Mrs C. C. Macgregor who died in 1977 bequeathed one-half of the residue of her estate to the Coppleson Postgraduate Medical Institute within the University.

The University received assets valued at $5186.

Gordon Howard McGregor Bequest
Gordon H. McGregor who died in 1977 bequeathed the residue of his estate to the University on trust to apply the net annual income to the acquisition of such books and in subscriptions to such periodicals as the Librarian of Fisher Library deems fit and relating to pure sciences.

The University received $60 000.

Martin McIlrath Research Fund
Established in 1950 by a gift of £50 000 from Martin McIlrath, for research into diseases, the causes of which are not yet known.

Dora Jean Mackenzie Bequest
Miss D. J. Mackenzie who died in 1966 bequeathed the residue of her estate to the University for the Faculty of Medicine for psychiatric research.

The University received $54 688.

Kenneth Alexander MacKenzie Bequest
Kenneth A. MacKenzie who died in 1958 bequeathed twenty per cent of the residue of his estate to the University with the desire that it be specifically applied for research into coronary diseases.

The University received $15 110.

John Murdoch Main Bequest
John M. Main who died in 1967 bequeathed, subject to a life interest, half of the residue of his estate to the University for the purchase and installation of machinery, equipment, apparatus and instruments for use or for research in the Department of Civil Engineering and for the perpetuation of 'The John Main Prize'.

The University received assets valued at $38 672 as its full interest in the estate.

Captain Harry Markham Bequest
Under the terms of her will Mrs Nellie Markham who died in 1969 bequeathed the residue of her estate to 'the University to establish a fund to be known as the Captain Harry Markham Bequest with power for the Senate of the said University to use within Australia the capital thereof, and/or the income therefrom in any branch or branches of medical research or any matters or subjects referable thereto as the said Senate may (having regard to the advice and recommendation of the Dean of the Faculty of Medicine) from time to time in its absolute discretion direct . . .'

The University received assets valued at $187 000.

Marks Memorial Fund
Established in 1933 by a gift of £250 from subscribers to the memorial of the late Dr Herbert J. Marks, for many years Lecturer in the Diseases of Ear, Nose, and Throat. The money is to be invested and the interest made available for subsidising research aimed at improving the knowledge of anatomy, physiology, or pathology of the ear, nose, and throat and of the treatment of such pathological conditions.

The interest from the fund is now used for a prize for a graduate in Medicine of the University who submits a contribution in any one year of original work which adds to the knowledge and understanding of the diseases of the ear, nose, and throat.

Hilda Violette Marks Bequest
Under the will of Miss H. V. Marks who died in 1948, it was directed that one-third of the residuary estate should be left in trust to the University to be applied for medical research work.

The University received £3800.

Ivy Lillian Martin Bequest
Mrs I. L. Martin who died in 1979 bequeathed the residue of her estate to the University to be applied by the Senate within the School of Medicine for postgraduate medical research on such terms and conditions as the Senate should in its absolute discretion think fit.

The University received $62 798.

Joe Miller Trust
Mrs Lurline Matilda Miller who died in 1966 bequeathed her residuary estate to the University to be applied by it in such manner as the Senate may determine for the purpose of cancer research, to be known as the 'Joe Miller Trust' in memory of her late husband.

The University received $75 195.

Maud Amedlia Elizabeth Morgan Bequest
Mrs M. A. E. Morgan who died in 1970 bequeathed, subject to seven annuities, the residue of her estate to the University to be applied for the promotion of the objects of the Postgraduate Medical Foundation and particularly for the purposes of research into the causes and treatment of arthritis or in such other manner as the Senate may determine.

The value of this bequest has been estimated at $53 600.

Sheila Margot Morris Bequest
Mrs S. M. Morris who died in 1983 bequeathed the residue of her estate to the University for use in cancer research.

The value of the bequest is estimated at $30 000.

Robert L. Mostyn Bequest
Robert L. Mostyn who died in 1978 bequeathed a legacy of $10 000 to the Postgraduate Medical Foundation of the University.

The full bequest has been received.

Dora Moulton Bequest
Under her will Mrs D. Moulton who died in 1963 bequeathed to the University her residuary estate to be used 'as the proper authorities of the University shall think fit towards the research of the disease of cancer'.

The University received $7740.

Hilda A. J. Muggridge Bequest
Mrs H. A. J. Muggridge of Potts Point died in 1941. Under her will and subject to the payment of certain legacies and bequests the residue of the estate was to be divided into eight equal parts and two of such parts were left to the Senate of the University to be applied for the purposes of cancer research in such manner as the Senate may determine. An amount of £8337 was received by way of capital.

John Thomas Nash Bequest
John T. Nash who died in 1977 bequeathed, subject to a limited life interest, his estate to the University for medical research purposes, principally in the field of skin diseases.

The value of this bequest has been estimated at approximately $30 000.

Alison M. Northam Bequest
Miss A. M. Northam who died in 1977 bequeathed a legacy of $4000 to the University for medical research.

The University received the full legacy.

Mavis Noble Palmer Memorial Fund
The University is the residuary beneficiary in the estate of the late Norman Frank Palmer, who died in 1967. Under his will Mr Palmer provided that his residuary estate should be used to establish 'The Mavis Noble Palmer Memorial Fund' in memory of his late wife, Mavis Noble Palmer, 'to be applied for the promotion of the objects of the Postgraduate Medical Foundation in such manner as the Senate may determine . . .'

The University received distributions totalling $107 733.

Emily Frances Paton Medical Fund
The late Arthur Francis Paton bequeathed the residue of his estate to the University 'to be used for such purpose or purposes of the Medical School of the said University of Sydney as the Dean of the Faculty of Medicine for the time being and from time to time may appoint in furtherance of the work of the said Medical School and/or the furtherance of the study of Medical Science in connection therewith'. He also expressed the wish that the fund be known as 'The Emily Frances Paton Medical Fund' in memory of his late mother.

The final value of the estate was $331 870.

Francis Irvine Patten Bequest
Francis I. Patten who died in 1967 bequeathed the residue of his estate to the University for the purpose of cancer and heart research.

The University received assets valued at $62 271.

Ernest Ralph Pearce Bequest
Ernest R. Pearce bequeathed his estate (after payment of all administrative costs and expenses), to the University, to be applied by the University for the purpose of research in medical science 'in such manner as shall be determined from time to time by the Senate'. The net income of the estate, totalling $5406, has been transferred to the Consolidated Medical Research Fund.

Eva Ivy Coraline Pedersen Bequest
Mrs E. I. C. Pedersen bequeathed the residue of her estate to the University's Postgraduate Foundation in Veterinary Science.

The University received $14 698.

Dugdale Guy Peele Bequest
Dugdale G. Peele who died in 1960 bequeathed one-fifth of the residue of his estate, subject to two life interests which terminated in 1971, to the University for research into the prevention of the deaths of dogs and other animals due to tick poisoning and for the care of dogs suffering from such poisoning.

The University received $16 364.

Mary Pfeiffer Bequest
Under the terms of her will Miss M. Pfeiffer who died in 1972 bequeathed her residuary estate to the University as follows: 'to be applied by the Postgraduate Medical Foundation for research into heart disease or if such subject shall not in the determination of the Senate of the University of Sydney be practicable then but not otherwise I direct that the same shall be applied for the promotion of the objects of the Postgraduate Medical Foundation aforesaid in such manner as the said Senate shall determine'.

The University received assets valued at $57 370.

Philips Foundation for Lighting Education and Research
This Foundation was established in 1979 by a donation of $50 000 from Philips Industries Holdings Limited to support lighting education and lighting research within the Department of Architectural Science.

Catherine Pilkington Bequest
Miss C. Pilkington who died in 1980 bequeathed the residue of her estate for the purpose of cancer research at Royal Prince Alfred Hospital.

The University has received $15 500 and further distributions are expected.

Rosina Mary Pinhey Bequest
Miss R. M. Pinhey who died in 1958 bequeathed one-quarter of the residue of her estate to the University for cancer research in memory of her brother Eustace Townley Pinhey.

The University received assets valued at £6437.

Ernest Ellis Pittman Bequest
Dr E. E. Pittman who died in 1972 bequeathed his entire estate to the University absolutely.

The value of the bequest was $1 338 762.

Lilian and Winifred Plunkett Trust
Under the terms of her will Miss W. Plunkett who died in 1974 bequeathed 'the whole of [her] property of whatsoever nature and wheresoever situate to the Vice-Chancellor and the Secretary of the University of Sydney to be applied for such purposes within the said University in such manner as the Senate may determine but especially to support research in the Department of Geology and to be known as the Lilian and Winifred Plunkett Trust'.

The University received assets valued at $64 969.

James Arthur Pollock Memorial Fund
In 1952 the University was bequeathed the residuary estate of the late Miss Annie Pollock to be held in trust by the University to establish the James Arthur Pollock Memorial Fund in memory of her brother, the late James Arthur Pollock, DSc, FRS, Professor of Physics in the University from 1899 to 1922.

The purpose of the Fund is to promote original research in the science of physics in the University. The income from the Fund is to be used only for the purchase of apparatus, equipment, and materials for this purpose and neither the capital of, nor the income from, the Trust Fund is to be used for the payment of salaries or scholarships.

In terms of the will a committee, known as the James Arthur Pollock Memorial Fund Committee, was constituted to advise the Senate of the University on the research projects to be supported from the Fund. The committee comprises the Vice-Chancellor, the Chairman of the Academic Board, the Dean of the Faculty of Science, and the Professors in the subjects of Mathematics and Physics.

Sarah Margaret Ann Porter Bequest
Mrs S. M. A. Porter who died in 1941 bequeathed to the University a legacy of £1000 to be used for the purpose of cancer research.

The full legacy was received.

John Joseph Wardell Power Bequest
John J. W. Power graduated Bachelor of Medicine from the University in 1904 and after practising in Sydney went to London for postgraduate study. He maintained a Paris Studio and mixed with some of the most famous names in that city's art world. In 1939 he settled near St Helier, the capital of Jersey, where he continued his painting and studies until 1942 when he died at the age of 62. In his will Dr Power bequeathed much of his fortune to the University.

In May and September 1965 the Senate decided that the Power Institute of Fine Arts should be set up and should comprise:

(i) The Power Department of Fine Arts
(ii) The Power Gallery of Contemporary Art, and
(iii) The Power Research Library of Contemporary Art.

The Senate also decided that:
(a) There should be a Power Professor of Contemporary Art, who should also be Director of the Institute. The Power Professor/Director should be responsible to the Senate for the conduct of the Power Institute of Fine Arts and should present each year a report to the Senate on the activities of the Institute.
(b) The Power Department of Fine Arts should provide courses for the students proceeding to degrees in the Faculty of Arts and in the Faculty of Architecture and in such other faculties as may from time to time be determined, and for extension courses in the Department of Adult Education.

The approximate annual income from the bequest is $130 000.

Hilda Pratt Bequest
Miss H. Pratt who died in 1968 bequeathed ninety per cent of the residue of her estate to the University for cancer research.
The University received $4695.

Raymond E. Purves Chair in Surgery
By deed in 1977 The Raymond E. Purves Foundation Limited endowed the Raymond E. Purves Chair in Surgery in the field of Transplantation, by the donation of $350 000 in two equal amounts.

James Renwick Pye Bequest
James R. Pye bequeathed the sum of $5000 to the University in 1970, to be applied for the relief of arthritis.

Aldyth E. Quaife Fund
Established in 1955 by a bequest of £6650 from the late Aldyth Ettie Quaife.
Under the terms of the bequest the income from the fund is to be applied for the purpose of research in such branch or branches of medicine as the Senate may from time to time determine. The income is at present transferred to the Consolidated Medical Research Funds Account.

Frederick Harrison Quaife Memorial Fund
In 1929 Dr C. H. Quaife donated the sum of £1500 to the University for the purpose of establishing the Frederick Harrison Quaife Memorial Fund in memory of his late father. The income from the fund is to be used from time to time to purchase books and instruments for use in the Physics Laboratory.

Augusta Sophia Quigley Bequest
Miss A. S. Quigley who died in 1972 bequeathed to the University a legacy of $2000 and a share in the residue of her estate, determined by her trustees to be a one-twelfth share.
The University has received assets valued at $137 461 and further small distributions are expected.

Florence Stewart Quiney Bequest
Miss F. S. Quiney who died in 1983 bequeathed the residue of her estate to the University for the Faculty of Veterinary Science.
The value of this bequest has been estimated at $35 000.

Nina Anne Vero Read Bequest
Miss N. A. V. Read who died in 1967 bequeathed the residue of her estate to the University for the Post-Graduate Medical Foundation for research into cancer, cancer detection and heart diseases.
The University received $109 559.

Reckitt & Colman Chair of Clinical Pharmacology
In 1977 Reckitt & Colman Australia Limited agreed to fund the establishment of the Reckitt & Colman Chair of Clinical Pharmacology.
The University has received $123 120.

Alan Richard Renshaw Bequest
Alan R. Renshaw who died in 1975 bequeathed to the University: twenty original paintings by Jeffrey Smart to be kept together as an in-depth collection for exhibition; other works of art considered by the University to be of sufficient quality to be exhibited (those works the University considered unsuitable for exhibition were to be sold and the proceeds used to acquire other works for the purpose of exhibition); and an antique terracotta figure of Boetian origin to be preserved in the Nicholson Museum.
The University has received the full bequest with a value of approximately $63 000.

Rheumatic Fever Research Fund
Established in 1954 by a gift of £500 from Mr and Mrs L. A. Stevens for research into rheumatic fever. In 1956 an anonymous donation of £150 was received. In 1957 Mr and Mrs Stevens donated a further £500 to the fund and Mrs Jessie Oates donated £100.
The fund is used to promote the investigation and study in the Department of Child Health of aspects of rheumatic fever during childhood.

Francis Lewis Riethmuller Bequest
Under his will F. L. Riethmuller who died in 1965 bequeathed to the University of Sydney his residuary estate, subject to certain life interests, to be 'used in the Medical School as the authorities of the said University may see fit'.
The value of the bequest was $80 430.

Stella Darnley Robb Bequest
Miss S. D. Robb who died in 1979 bequeathed one-seventh of the residue of her estate to the University for the Chair of Australian Literature.
The University received $12 803.

Phyllis Wilhelmina Emmeline Roberts Bequest
Miss P. W. E. Roberts who died in 1974 bequeathed the residue of her estate to the University with the wish that the proceeds be used for the purchase of books for the Fisher Library.
The University received $54 783.

Phyllis Keighley Robertson Bequest
Under her will Phyllis K. Robertson who died in 1963 bequeathed to the University one-quarter of her residuary estate for cancer research.
The University received $5486.

Vera Gladys Robinson Bequest
Under the terms of her will Vera G. Robinson who died in 1973 bequeathed one-half of her estate to the 'Postgraduate Medical Foundation, the University of Sydney, for Research of the Eyes and Research for Cancer'.
The University received assets valued at $93 617.

Peter Nicol Russell Endowment for the Department of Engineering
In 1896 the late Sir Peter Nicol Russell of London (formerly of Sydney), presented to the University a

sum of £50 000 for the endowment of the Department of Engineering. In 1904 he gave a second sum of £50 000, making £100 000 in all.

The second gift was made as an extension of the first endowment, with an additional obligation for the establishment of efficient teaching in Electrical Engineering and for the foundation of additional scholarships.

In making the second endowment Sir Peter Russell stipulated that the Government of New South Wales should undertake to hand to the University, within three years, a sum of £25 000 to provide an extension of the buildings of the School of Engineering or to erect new buildings. This the Government agreed to do, and a building was erected from the designs prepared by the Government Architect.

The Deeds of Gift provide—

(1) That the Department of Engineering at present existing in the University, together with such additions as may be made thereto, shall be called the Peter Nicol Russell School of Engineering.

(2) That the University shall, out of the income to be derived from the endowments, afford both practical and theoretical teaching in the following subjects, in so far as such subjects relate to the School of Engineering, viz., Mechanical Engineering, Electrical Engineering, Surveying, Mining, Metallurgy, Architecture, and such further instruction as the Senate of the University may deem necessary to give effect to the intention of Sir Peter Russell in connection with the P. N. Russell School of Engineering.

(3) That the University shall apply the income of the Fund in the maintenance of the P. N. Russell School of Engineering, but shall not charge such income with any proportion of the cost of the existing buildings, nor with the expense or any proportion thereof of service by ordinary attendants, nor with the expense or any proportion thereof of the Professorships of Mathematics, Chemistry, Physics, Geology, or the Challis Chair of Engineering.

(4) That scholarships shall be established for the encouragement of higher education in Mechanical Engineering to be called Peter Nicol Russell Scholarships.

Other conditions of the Deeds of Gift relate to the mode of investment of the principal sum, and provide that any unused surplus of income shall be added to the principal sum and invested as if it formed a part of this original donation.

Beryl May Saywell Bequest

Miss B. M. Saywell who died in 1977 bequeathed one-fifth of the residue of her estate to the University for the purpose of cancer and tuberculosis research.

The University received assets valued at $25 883.

Luise Annie Sophie Schwabe Bequest

Under the terms of her will Miss Luise Annie Sophie Schwabe who died in 1967 bequeathed the residue of her estate, subject to a life tenancy, to the University 'for the general purposes of the said University absolutely'.

The University received assets valued at $46 551.

Horace Scotow Bequest

Horace Scotow who died in 1982 bequeathed to the University shares in Scotow Press Pty Limited, with the wish that the University will use the company's facilities.

The University received $26 350.

Ethel J. and Lyell Scott Foundation

Under a deed of gift (dated 25 May 1961) executed with the University, Andrew Lyell Scott donated £10 000 to the University to establish a fund, to be known as the 'Ethel J. and Lyell Scott Foundation'. The income from the Fund is to be used for or towards research into the causes and treatment of Peritonitis.

There is a proviso in the deed to the effect that the Senate, in certain circumstances, may apply the income from the Fund towards research into other diseases.

Everest York Seymour Bequest

E. Y. Seymour who died in 1966 bequeathed the residue of his estate to his trustees for the purpose of the purchase or construction of a building (or to go towards a fund for the purchase or construction of a building) in the City of Sydney to serve as a centre for the cultivation, education and performance of musical and dramatic arts befitting the City of Sydney by vesting the residue in one of several named beneficiaries or such other public authority as the trustees considered fit. After due consideration the trustees vested the residue in the University for the construction of the Seymour Centre.

The University received distributions of capital totalling $2 842 671.

Aileen Marion Sherer Bequest

Mrs A. M. Sherer who died in 1978 bequeathed the residue of her estate to the University for the Department of Anatomy.

The University received $27 357.

George Shirley Memorial Fund

In 1951 an anonymous donor made a gift of £1000 to the University to be used in the Faculty of Agriculture for research and teaching in soil analysis.

Frank Granger Spurway Bequest

Frank G. Spurway who died in 1966 bequeathed the residue of his estate to the University to be used 'for such purposes as the Senate of the University shall in its absolute discretion think fit'.

The University has received assets valued at $847 254.

Enid Nesta May Stewart Bequest

Under her will the late Enid Nesta May Stewart bequeathed to the University her residuary estate 'to be applied towards medical research in such a manner as the Senate thereof shall in its absolute discretion think fit'.

The University received $34 700.

Susan Florence Stewart Bequest

Under her will Mrs S. F. Stewart who died in 1966 bequeathed a proportion of her estate, as determined by her trustees, to the University 'to be applied for the purposes of cancer research as the Senate of the said University may determine'.

The University received $5118.

Lily Sinclair Stove and Ada Gladys Mackenzie Stove Bequests

The late Misses L. S. Stove and A. G. M. Stove bequeathed their residuary estates to the Postgraduate Medical Foundation in the University without condition.

The University received $52 660.

Arthur Sulman Bequest
Under the terms of his will Arthur Sulman bequeathed the sum of $20 000 to the University, to be applied for the purposes of the Postgraduate Medical Foundation.

Dr E. L. Susman Bequest
Dr Eric Leo Susman died in 1959. He was Warden of Clinical Studies at Royal Prince Alfred Hospital. Under his will he bequeathed £5000 to the University, to be invested at the University's discretion. The income from this capital sum (which was received in 1960) is to establish a fund to subsidise any medical graduate of the University 'who may be going abroad to do research or make further studies in any branch of internal medicine or to augment the income of some person who, in the opinion of the University, is a deserving person and who had been awarded a travelling scholarship and who may require further funds for his wife and family to accompany him, or for some similar purpose'.

The subsidy contemplated by the bequest is available every three years.

Sydney Tapping Bequest
Sydney Tapping who died in 1959 bequeathed his residuary estate, subject to a life interest, to the University, 'to be applied by the Postgraduate Committee in Medicine for the time being for the purpose of medical research and assisting and encouraging medical graduates to undertake research work'.

On the death of the life tenant in 1966 the residuary estate, which included property and funds to the value of $100 000, was transferred to the University.

Christian Rowe Thornett Bequest
Mrs C. R. Thornett who died in 1972 bequeathed to the University, five-twentieths of her residuary estate for the teaching and development of Agricultural Science.

The University received assets valued at $161 061.

Albert Thornhill Bequest
Mrs A. B. Thornhill who died in 1975 bequeathed the residue of her estate to the University to be known as the 'Albert Thornhill Bequest' in memory of her late husband Albert Thornhill, MA (Cambridge) AMC (Oxford) Dip. London School of Dietetics. The capital and income of the bequest is to be used and applied in such manner as the Senate may determine for advancement, encouragement, study and/or development of dietetics and/or the application of dietetic principles to the treatment of disease. In the event of the Senate deciding that the Bequest can no longer be used as indicated then it may be used for such purposes as the Senate may determine.

The Senate has determined that grants may be made from the Bequests to assist staff of the Human Nutrition Unit to visit similar centres in Australasia and elsewhere and to assist dietitians and nutritionists to visit the Unit here. Grants will be approved by the Vice-Chancellor on the recommendation of the Boden Professor of Human Nutrition.

The University has received assets valued at $17 180.

Alexander Hugh Thurburn Fund
Miss Mary Esme Thurburn who died in 1970 bequeathed her residuary estate to the University, to establish the 'Alexander Hugh Thurburn Fund' in the Faculty of Agriculture, to be used 'for such purposes as the governing body of the University thinks best'.

The University received assets valued at $194 809.

Ellis Le Geyt Troughton Bequest
Ellis Le G. Troughton who died in 1974 bequeathed the residue of his estate to the University for the Dene Fry Library. This library is now incorporated into the Badham Library.

The University received assets valued at $51 084 and further amounts are received as royalties.

Turland Endowment
In 1940 the University was advised that under his will W. C. Turland who died in 1939 bequeathed his residuary estate to the University, subject to a life interest.

The bequest is to be known as 'the Turland Endowment' and the income is to be used to promote, assist and extend 'education, teaching and research in the said University in respect of soil chemistry, soil physics, soil bacteriology, plant disease, plant breeding, insect pests, dairy chemistry and bacteriology, and such other scientific research in the said University, as the said Senate in its absolute discretion shall decide is most calculated to solve all or any of the difficulties of the farmers, graziers, or other primary producers of the State of New South Wales'.

The University received assets valued at $11 700.

A. S. Vallack Bequest
Dr A. S. Vallack who died in 1930 bequeathed half the residue of his estate to provide a capital fund, the income from which was to be devoted to research in the subject of heredity, vegetable, animal or human, more particularly the latter. He provided that the income might be used only to found lectureships and scholarships, for the purchase of equipment, or for other purposes necessitated by such research.

In 1981 the University received assets valued at $35 773 as capital.

The income is accumulated and about every five years each department is asked to submit a request for its use.

Ottomar George Vickery Bequest
Ottomar G. Vickery who died in 1981 bequeathed one-third of the residue of his estate, subject to a life interest, to the University for the Faculty of Engineering.

The value of this bequest has been estimated at $116 658.

John Leopold Von Mioduszewski Bequest
John L. Von Mioduszewski who died in 1942 bequeathed one-third of the residue of his estate, subject to a life interest which terminated, to the University for cancer and other medical research.

The University received assets valued at $16 973.

George Walker Fund
Dr G. Walker who died in 1948 bequeathed to the Medical School of the University the residue of his estate after the payment of certain legacies. The bequest amounted to approximately £1146 and it is to be used by the Faculty of Medicine for whatever purpose it shall determine.

Jean Wilgress Walker Bequest
The late Mrs J. W. Walker who died in 1982 bequeathed the residue of her estate to the University for the establishment of a fellowship to be known as the 'Jean Walker Trust Fellowship' for research or experimental work into the cause of disease or the prevention of disease or treatment of disease in animals in Australia.

The value of the bequest has been estimated to be $330 000.

Frederic James Wallis Bequest
Frederic J. Wallis, of Sydney, died in 1960. Under his will he bequeathed to the Senate of the University the sum of £20 000 free of duties, to be allocated for the following purposes:

(a) as to the sum of £10 000 for any purpose of the Postgraduate Medical Foundation;

(b) as to the remaining £10 000 for such of the general purposes of the said University of Sydney as its Senate may decide.

The sum of £20 000 was received in 1961.

Frederick William Ward Bequest
Under the terms of his will F. W. Ward who died in 1934 bequeathed one-third of his estate, after the death of all his children and those legally entitled to a share in the income from the Estate, to the University to be applied 'in such manner as the governing body of the said University of Sydney may from time to time think fit in the furtherance of research in some branch of science'.

The University's share in the residuary estate was $6000.

Oswald Watt Fund
Colonel Oswald Watt who died in 1921 bequeathed the residue of his estate, valued at £107 948, upon trust to the University 'for such uses for the benefit of the institution as the Senate in its absolute discretion should determine'.

Gwendoline May Weidmann Bequest
Gwendoline M. Weidmann who died in 1976 bequeathed one-sixth of the residue of her estate to the University 'for the purpose of research into cerebral *haemorrhage (or strokes)*'.

The University received assets valued at $25 723.

John Paul White Bequest
Under the terms of his will J. P. White who died in 1973 bequeathed his residuary estate to the Postgraduate Medical Foundation 'for the promotion of research into cancer as the Senate of the University may determine'.

The University received $19 326.

Wilson Rivers Lovett White Bequest
Wilson R. L. White who died in 1976 bequeathed half of the residue of his estate to the University.

The University received $120 127.

Marion Ethel Wilson Bequest
Mrs M. E. Wilson who died in 1981 bequeathed one-half of the residue of her estate to the University for medical research.

The University received $20 193.

Cyril Raymond Wise Bequest
Cyril R. Wise who died in 1968 bequeathed $10 000 to the University for general purposes.

The University received the full legacy.

Genevieve Pearl Wood Bequest
Under her will the late Mrs G. P. Wood bequeathed one-half of her residuary estate to the University to be used towards cancer research.

The University received $12 152.

Florence Agnes Wright Bequest
Miss F. A. Wright who died in 1979 bequeathed one-sixth of the residue of her estate to the Cancer Research Fund at the University for general purposes.

The University received $10 273.

Elizabeth Wunsch Bequest
Miss E. Wunsch who died in 1975 bequeathed one-third of the residue of her estate to the University for pharmaceutical research.

The University received $52 138.

Sponsored and endowed lectureships

Australian Society of Accountants Research Lecture
In 1945 the Commonwealth Institute of Accountants offered to provide the sum of £30 per annum for a period of five years for the purpose of arranging an annual lecture on Accountancy in the Faculty of Economics. In 1951 the Council of the Commonwealth Institute of Accountants renewed the agreement for a further period of four years commencing in 1952, the lecture to be given biennially instead of annually and the Institute to provide the sum of £30 in each of the two years in which the lecture was held.

When the Commonwealth Institute of Accountants joined with the Federal Institute of Accountants, the new body was called the Australian Society of Accountants and thereafter the name of the lecture became the Australian Society of Accountants Research Lecture. A sum of $100 is provided each year the lecture is held.

Herbert Blaiklock Memorial Lecture
Founded in 1970 by a gift of $2000 from Lady Persia Galleghan, daughter of the late Herbert Blaiklock, to establish an annual memorial lecture in the name of her father. Mr J. Blaiklock donated $1000 in 1973, and Miss Nan H. Blaiklock donated $500 in 1973 and a further $500 in 1974, towards the lecture. Annie Hibbard Blaiklock who died in 1981 bequeathed $4000 towards the lecture.

The following conditions apply to the lectureship:

(1) The Lecture shall be known as 'The Herbert Blaiklock Memorial Lecture'.

(2) The purpose of the Lecture shall be to foster interest in Australian Literature and to commemorate the Australian poet Henry Kendall.

(3) The Lectures shall be arranged annually and the first of the Lectures shall be given on the poet Henry Kendall.

(4) The Professor of Australian Literature shall be responsible for arranging the Lectures.

(5) The Lecturer shall be appointed by the Vice-Chancellor on the recommendation of the Professor of Australian Literature.

(6) The emolument of the Lecturer shall be $100.

(7) The annual income of the Fund shall be used for the payment of the Lecturers and any income in excess of this payment may be used for the publication of the Lectures.

J. I. Carroll Memorial Fellowship

1. The J. I. Carroll Memorial Fellowship was established in 1956 for a period of ten years, maintained by an annual donation of £500 from Electricity Meter and Allied Industries Ltd, as a memorial to the late J. I. Carroll, Chairman and Managing Director of the company.
2. The object of the Fellowship is to provide for the appointment from time to time of a visiting Fellow in the Faculty of Engineering in the University of Sydney.
3. A visiting Fellow shall be appointed by the Senate on the recommendation of the Faculty of Engineering and the Academic Board after nomination by the Dean of the Faculty of Engineering. The Fellow shall undertake such lecturing and other duties as may be arranged by agreement with the Dean of the Faculty.
4. A visiting Fellow shall not be appointed more frequently than once in each second academic year. With the approval of the University of Sydney the Fellow may be permitted during this period to visit other Australian universities.
5. Travelling and accommodation expenses incurred in visiting the University of Sydney by the visiting Fellow and an honorarium of not less than $210 shall be paid from the fund on the recommendation of the Dean of the Faculty of Engineering.

George Judah Cohen Memorial Lectureship
Founded in 1937 by a gift of £1000 from the sons and daughters of George Judah Cohen, who died in 1937 aged 94, to provide a lectureship to perpetuate his name; the lecture or lectures to be delivered on a subject of national importance.

The capital fund of the lectureship has been increased by $4000 following a bequest to the University by the late Alroy Maitland Cohen, who died in 1966.

(1) The lectureship shall be known as the George Judah Cohen Memorial Lectureship.

(2) The lecturer shall usually be appointed every second year, beginning with 1939, to deliver a public lecture or lectures on a subject of national importance.

(3) The remuneration of the lecturer shall be forty-two dollars.

(4) The incidental expenses and cost of publication of the lecture or lectures shall be met out of the income from the fund.

(5) (i) The Lecturer shall be appointed by and the subject of each lecture shall be approved by the Academic Board on the recommendation of a committee consisting of the Director of the Department of Adult Education and the Deans of Arts, Economics, Law and Science.

(ii) The Committee shall consult with heads of departments whose disciplines are relevant to the proposed topic of each lecture prior to transmitting its recommendation to the Academic Board.

(6) The Board of Adult Education shall be entrusted with the arrangements for the lectures.

Cottees General Foods Lecture in Nutrition
Founded in 1979 by the support of Cottees General Foods Limited as an annual lecture to be given by a visiting lecturer, for example from a university or research organisation, on a subject in the general area of food and nutrition. The value of the Lecture will be up to approximately $600 to cover the lecturer's expenses and/or an honorarium. The lecturer will be appointed

by the Vice-Chancellor on the recommendation of the Boden Professor of Human Nutrition.

Malka Einhorn Lectureship in Modern Hebrew
Founded in 1975 by the support of Mr Stephan Einhorn for a period of eight years, Mrs Felicia Einhorn and others, in the Department of Semitic Studies.

William Hilton Hovell Lectureship in Geology and Physical Geography
In 1877 certain property situated in Goulbourn was bequeathed by the widow of the late William Hilton Hovell for the endowment of a professorship or lectureship in Geology and Physical Geography, in honour of her late husband. The property was later sold. The lectureship is now held together with the Edgeworth David Chair of Geology.

Geoffrey Wellesley Hyman Memorial Lectureship
Founded in 1931 by a gift of about £300 from subscribers to a memorial of the late Geoffrey Wellesley Hyman, BA, who while an undergraduate in the Faculty of Law gave his life, in his twenty-fourth year, on 29 February 1930, in trying to save a girl from drowning in the surf at Tamarama Bay, Bondi. The funds were received from the Chairman of the New South Wales Jewish War Memorial Appeal and the President of the Students' Representative Council for establishing a prize, lectureship or scholarship in the Law School. The income is applied for a lectureship in Industrial Law, called the Geoffrey Wellesley Hyman Lectureship.

Linnean Macleay Lectureship
In 1891 Sir William Macleay bequeathed to the Linnean Society £12 000 to provide for the salary of a bacteriologist to the Linnean Society. As the income from the fund was insufficient to meet the full salary of such a bacteriologist, it was agreed in 1956 that the income from the fund be made available to the University, in part payment of the salary of a lecturer or senior lecturer in the University.

The holder of the lectureship will be a bacteriologist and the title of the position will be the Linnean Macleay Lectureship in Microbiology. Dr (now Professor) Y. T. Tchan was appointed first Linnean Macleay Lecturer in Microbiology.

The laboratory equipment held by the Society for the Macleay bacteriologist was made available on loan to the University for the use of the lecturer.

Liversidge Research Lectureship in Chemistry
Founded in 1928 by a bequest of £500 from the late Professor Archibald Liversidge, MA LLD, FRS, Professor of Chemistry in the University, 1874-1907. Bequests of a similar amount and for a similar purpose were also made at the same time to the Royal Society of New South Wales, and to the Australasian Association for the Advancement of Science.

The following conditions apply for the appointment of the Liversidge Research Lectureship in Chemistry:

1. Under the will of the testator the bequest is for the express encouragement of research in chemistry and for the purpose of drawing attention to the research work which should be undertaken and indicating how it might best be carried out. The testator expressed the wish that the subject should be elucidated by as many workers as possible, and stipulated that no lecturer should hold office for more than one year, provided that after an interval of not less than two years a lecturer should again be eligible unless in the meantime he had held one of the Liversidge Lectureships founded in the other two institutions named.

2. The University of Sydney may not appoint a member of its own teaching staff to the Lectureship.

3. The University of Sydney Liversidge Research Lecturer will usually be appointed annually.

4. The selection of the Lecturer and a subject shall be made by the Vice-Chancellor and Principal on the advice of a Committee consisting of the Professors of the School of Chemistry, under the chairmanship of the Head of the School of Chemistry.

5. This committee shall be entrusted with the arrangements for the lecture, and shall consult with the Royal Society of New South Wales and the Australian and New Zealand Association for the Advancement of Science.

6. Remuneration of the Lecturer will be at least $50 and all travel and accommodation expenses incurred by the lecturer as approved by the Vice-Chancellor and Principal will be paid for from the Bequest.

R. C. Mills Memorial Lectureship
The R. C. Mills Memorial Fund was founded in 1956 for the purpose of establishing a Memorial Lectureship in memory of the late Professor R. C. Mills, who was Professor of Economics from 1922 to 1945.

At 1 January 1976 the Fund amounted to approximately $4200. The income from this Fund is to be used to meet the expenses of arranging for the delivery and publication of a periodical lecture in the Faculty of Economics, to be called the R. C. Mills Memorial Lecture.

The first lecture was delivered on 29 April 1958.

W. W. Perry Lectureship
Established in 1924 by a gift of £250 from an anonymous donor for the foundation of a lectureship in the Faculty of Law in memory of the late William Wentworth Perry, barrister-at-law. The amount was increased in 1925 by a gift of £100 from the same donor.

The income from the gift is devoted to a lectureship in Legal Ethics styled the W. W. Perry Lectureship.

Pollock Memorial Lectureship
The Pollock Memorial Fund was founded in 1923 as a result of an appeal by the University and the Royal Society to found a memorial to the late Professor J. A. Pollock, DSc, FRS, Professor of Physics in the University of Sydney, 1899–1922.

The Fund remained in the hands of the trustees of the Royal Society until 1946 when the capital of £573 was transferred to the University.

The Pollock Memorial Lectureship was established in 1946 under the following conditions:

(1) Pollock Memorial Lectures will be delivered in Sydney, in general at intervals of three years.

(2) The lectures will be open to the public (free or at a nominal fee) but are not to be popular lectures nor such as are intended for the ordinary lecture room instruction of undergraduates. The lectures should be such as will primarily encourage research and stimulate the lecturer and public to think and acquire new knowledge by research rather than merely giving instruction in what is already known.

(3) An advisory committee will be appointed, including the Vice-Chancellor, the Registrar, the Dean of the Faculty of Science, the Professors of

Physics, the Professors of Mathematics, and representatives of the Royal Society.

(4) The fee to be paid to the lecturer will be at least sixty dollars.

Kathleen Robinson Lectures on Drama and the Theatre

Founded in 1957 by a gift of £5000 from Miss Kathleen Robinson. The income is to be used for annual public lectures on Dramatic Literature, Play Writing, Theatrical Production and related subjects. Arrangements for the lectures are made by the Extension Board with the advice of a committee consisting of Miss Kathleen Robinson, the Chairman and the Secretary of the Board of Adult Education, the Chairman of the Academic Board, the Dean of the Faculty of Arts, the Professors of English, two members of the Department of English nominated by them, the Professor of French, the Professor of German and Emeritus Professor A. K. Stout.

Geoffrey Sulman Memorial Lectureship

Founded in 1933 by a gift of £500 from Sir John Sulman and Lady Sulman for the advancement of the study of Aeronautics in the University. The benefaction, together with the accumulations of the Geoffrey Sulman Memorial Prize Fund, provides for the Geoffrey Sulman Memorial Lectureship in Aeronautics.

G. A. Taylor Memorial Lectureship in Aeronautics

Founded in 1929 by a gift of £1100 from the G. A. Taylor Memorial Committee to establish a lectureship in Aviation or Aeronautical Engineering.

(1) The lectureship shall be known as the G. A. Taylor Memorial Lectureship in Aeronautics.

(2) A course of lectures on some branch of Aeronautics will be delivered by a lecturer appointed annually by the Senate, on the recommendation of the Faculty of Engineering.

(3) The income from the Fund shall be used for the payment of the lecturer and for any incidental expenses in connection with the lectureship.

(4) The emolument of the lecturer will be such sum as may be determined by the Vice-Chancellor on the recommendation of the Faculty of Engineering, having regard to the funds available.

Todd Memorial Lectureship

The Todd Memorial Fund was founded in 1944 for the purpose of establishing a memorial lectureship in memory of the late Professor F. A. Todd who was appointed as Lecturer in Latin in 1903, Assistant Professor in 1913 and Professor of Latin in 1922. He died in 1944.

In 1945 the sum of about £280 was handed to the University, the interest accruing from these funds to be used for the purpose of holding a Todd Memorial Lecture from time to time.

The first lecture was delivered in 1946.

Vernon Memorial Lectureship in Town Planning

Founded in 1915 by a gift of approximately £810 from subscribers to a memorial of the late Colonel Walter Liberty Vernon, who was Government Architect for twenty-one years, and who designed the original Fisher Library and other buildings at the University.

The following proposal made by the subscribers was approved by the Senate: 'That this meeting of subscribers to the Vernon Memorial Fund offers the sum of £810 6s. 6d. to the Senate of the University for the purpose of founding a course of twenty lectures on "Town Planning", to be delivered biennially, and to be known as the Vernon Memorial Lectureships, the Senate having the power to reconsider the disposal of the income at ten-year intervals, provided always that the object to which it is applied shall be within the limits of Architecture, Town Planning, or some allied subject'.

During 1938 the Senate reviewed the question of the disposal of the income from the fund. On the recommendation of the Faculty of Architecture and of the Professorial Board, the Senate decided that the biennial course of lectures should be discontinued and the income of the fund devoted to the establishment of a professional course in Town Planning to be delivered annually and to be open to graduates in Architecture and Engineering and to other qualified persons.

In 1949 the Senate decided that the income from the Vernon Memorial Fund should be applied to the maintenance of the course of lectures within the Town and Country Planning postgraduate diploma course called 'Architecture as related to Town and Country Planning', or to such other lectures within the Town and Country Planning diploma course as the Faculty of Architecture might from time to time decide.

In 1980 the Senate decided that as the Department no longer offers the course 'Architecture as related to Town and Country Planning', the income from the Vernon Memorial Fund should be used to support part-time teaching in the course 'Urban Design'.

G. A. Wood Memorial Lectureship

The Wood Memorial Fund was founded in 1929 to establish a memorial to the late Professor G. A. Wood, who was Challis Professor of History from 1891 to 1928.

In 1933 the sum of about £384 was received from the Wood Memorial Fund and it was decided to institute Wood Memorial Lectures, embodying research in history, preferably Australian history, to be given every three years. It was also decided to allow the capital to accumulate until the annual income from the Fund reached the sum of $36.

The first Wood Memorial Lecture was delivered in 1949.

Scholarships, prizes and bursaries

Bursaries	**403**
Matriculation scholarships and prizes	**407**
Undergraduate scholarships and prizes	**410**
(1) by faculty or board of studies	410
(2) by department	442
Postgraduate scholarships and prizes	**455**
(1) General research and course awards	455
(2) Postgraduate scholarships and prizes awarded by the University	457
(3) Travelling scholarships awarded by the University	487
(4) Postgraduate scholarships and prizes awarded by external bodies	490
Prize compositions	**493**

Bursaries[1]

The bursaries at the disposal of the University have all been created by private foundations. The value of the bursaries ranges from $40 to $1000.

Unless otherwise specified, the bursaries are tenable in any Faculty.

The conditions on which the bursaries are awarded are:

(1) That the Vice-Chancellor shall have received satisfactory assurance that the candidate's own means, and those of his parents, guardians, 'or other friends' (as expressed in some of the foundations), are insufficient to enable him to bear the cost of attending the university without the assistance of a bursary.

(2) The bursaries shall be awarded from year to year on academic merit and the holder shall be diligent and of good conduct.

(3) The bursary or bursaries shall be awarded for an undergraduate degree course.

All students of the University who shall, during their course, have received bursaries or exemptions from fees are invited by the Senate to make returns to the University, when their circumstances in life shall permit, for the purpose of conferring like benefits on future students. The names of all students making such returns will, if so desired, be published in the Calendar.

Maurice Alexander Bursary
In 1874 the sum of £1000 was given by Mrs Maurice Alexander for the endowment of a bursary in memory of her late husband. The bursary is to be awarded to students whose parents are not resident in Sydney. The value is $200 per annum for three years.

Badham Bursary
Founded in 1886 by a gift of £1000 from subscribers to the Badham Memorial Fund for the foundation of a bursary in memory of Professor Charles Badham, DD, Professor of Classics, and last Resident Principal of the University.

Conditions of award

(1) The bursary is confined to students in the Departments of Latin and Greek.

(2) Other things being equal, preference will be given to a student who is taking both Latin and Greek for the degree of Bachelor of Arts.

(3) Under the above provisions the usual conditions of private bursaries obtain.

The annual value is $300.

Harrie Barrett Bursary[1]
Established in 1981 by the offer of an annual donation of $1000 for her lifetime by Mrs Harrie Barrett to establish an annual bursary for the maintenance, education and benefit of undergraduate students in the Faculty of Veterinary Science.

1. The Bursary is awarded annually by the Dean of the Faculty of Veterinary Science, to a candidate for the degree of Bachelor of Veterinary Science who is in financial need and has, to the satisfaction of the Dean, after consultation with the Heads of the Departments in the Faculty, demonstrated academic merit, good conduct and concern for the welfare of animals.
2. Not more than one award shall be made to any one student during the course of his or her studies for the degree.
3. Applications close with the Registrar at the end of the second week in March each year.

Value, $1000.

Board of Social Study and Training Bursary
Established in 1941 by a gift of £66 15s 3d from the Board of Social Study and Training. The money was to be held in trust for students undertaking a course in social studies at the University, and who required financial assistance.

The bursary may be awarded on the recommendation of the Head of the Department of Social Work to a candidate for the degree of Bachelor of Social Studies who requires financial assistance to meet student expenses and who has, to the satisfaction of the head of department, demonstrated academic merit in secondary or tertiary education. Value, $75.

K. E. Bullen Bursary
For conditions of award see under *Undergraduate scholarships and prizes: Mathematics*.

Burdekin Bursary
In 1876 the sum of £1000 was given by Mrs Burdekin for the foundation of a bursary, to be called the Burdekin Bursary. The bursary is to be awarded to students whose parents are not resident in Sydney. The annual value is $200 per annum for three years.

William and Edith Burrows Bursaries
In 1960 a trust was established by an offer from Miss Elsie Emily Margaret Ockenden for the establishment of a bursary to be called the William and Edith Burrows Bursary. In 1971 further William and Edith Burrows Bursaries were established as a result of a specific provision made in the estate of the late Miss Elsie Emily Margaret Ockenden. The bursaries are awarded to matriculated students who are proceeding to the degree of Bachelor of Dental Surgery in the Faculty of Dentistry. The value of each bursary is approximately $200.

Ann Carswell Bursary
Established in 1943 by a bequest of £1000 from the late Ann Carswell. The bursary is awarded to a student

[1] See also Sources of Financial Assistance to Students in the division of the Calendar entitled 'General Information'.

[1] Conditions under review.

who has matriculated and intends to proceed with studies in Arts and who could not proceed without financial assistance. The annual value is $150.

Bursaries founded by Mrs M. A. Dalley

1. *The George and Margaret Shirbin Bursary*
Founded in 1922 by a bequest of £2000 from Mrs M. A. Dalley. Awarded to a soldier who has served abroad in the Australian Imperial Forces in the Great War, or the child or other descendant of such soldier. Other things being equal the bursary shall be awarded to the child or descendant of a soldier who lost his life on active service in the war in preference to any other candidate. It is expressly provided that the compensation for this bursary should be limited to candidates whose financial circumstances are such that, without the bursary, they would be unable to bear the cost of a university education. $400, tenable for three years.

2. *The John George Dalley Bursary*
Founded in 1922, by a bequest of £1000 from Mrs M. A. Dalley. $200, for a male student.

3. *The Mary Catherine Dalley Bursary*
Founded in 1922, by a bequest of £1000 from Mrs M. A. Dalley. $200, for a female student.

Duncan Bursary
In 1901 the sum of £1000 was bequeathed to the University by Mrs Jessie E. Duncan, widow of Dr Duncan, R.N., for the foundation of a bursary in the Faculty of Arts, in accordance with such regulations as the Senate may determine. $200 per annum.

Norman John Dunlop Bursaries
Established in 1941 by a bequest of £20 000 from Mrs Blanche Dunlop, widow of Dr Norman John Dunlop who graduated MB ChM in 1896 in the University of Sydney. The terms of the bequest stipulate that the bursaries are to be awarded to needy and promising students of British parentage of the Protestant faith in the Faculties of Medicine or Science or in the study of surgery.

A bursary shall be awarded by the deans of the Faculties of Medicine and Science to a student enrolled as a candidate for a bachelor's degree in either of these faculties who requires financial assistance to meet student expenses, who has, to the satisfaction of the deans, demonstrated academic merit and who otherwise satisfies the conditions of eligibility as stipulated in the bequest. Value, in the range of $500–$1000, to be determined by the deans.

Alfred William Fairfax Bursary
Founded in 1923 by a bequest of £1000 from the late Alfred William Fairfax. The income is to be used as a bursary in whatever subject or subjects the university authorities shall, in their absolute discretion, determine. The annual value is approximately $100.

Alice Mary Frazer Bursary
Founded in 1921 by accumulations from the two funds mentioned below in accordance with the terms of the deed of gift. Value, up to $1000.

Ernest Manson Frazer Bursary
In 1876 debentures for £1250, at 4 per cent, were given by the Hon. John Frazer, MLC, for the endowment of a bursary, of the annual value of up to $1000, to be called after the name of his deceased son, Ernest Manson Frazer.

John Ewan Frazer Bursary
In 1876 debentures for £1250, at 4 per cent, were given by the Hon. John Frazer, MLC, for the endowment of a bursary, of the annual value of up to $1000, to be called after the name of his deceased son, John Ewan Frazer.

Ray Gardiner Memorial Scholarship
Established in 1982 after a bequest of £1000 in 1953 from Rachel Gardiner in memory of Ray Gardiner, to establish a bursary for the benefit of undergraduate students enrolled in the Faculty of Medicine who are unable to meet the incidental costs of their education.

The bursary is awarded annually on the recommendation of the Dean of the Faculty of Medicine to a candidate proceeding to the degrees of Bachelor of Medicine and Bachelor of Surgery who requires financial assistance in order to meet student expenses and who has, to the satisfaction of the dean, demonstrated academic merit. More than one award may be made each year. Maximum value of each award, $500.

Sir Arthur George Fund
This fund was created in 1974 from the Arthur T. George Foundation to assist students or those who could not begin university studies without assistance. Details of this fund are given elsewhere in the *Calendar* under the section 'Sources of financial assistance to students'.

Gillam Scholarship
In 1964 the University received £2040 from the estate of the late Annie Elizabeth Gillam to establish the Gillam Scholarship. It was decided that the scholarship would be awarded to a student not eligible for a Commonwealth Scholarship. The value of the scholarship may be up to $350.

Alice Hipsley Bursary
Founded in 1944 by a bequest of £1000 from the late Alice Ellen Hipsley. Awarded to an undergraduate in the Faculty of Arts who has completed part of his course and, owing to financial difficulties, is unable to continue. Value $200.

Hunter-Baillie Bursary, No. 1
In 1877 a sum of £1000 was given by Mrs Hunter-Baillie for the foundation of a bursary, to be called the Hunter-Baillie Bursary. The annual value is $100.

Hunter-Baillie Bursary, No. II
In 1877 a sum of £1000 was given by Mrs Hunter-Baillie for the foundation of a bursary for the sons of ministers of religion. In the deed of gift the Senate is declared to be the sole judge of who are to be considered ministers of religion. The annual value is $100.

Hunter-Baillie Bursaries, Nos III, IV, V, VI, VII
Established from accumulations of Hunter-Baillie funds.

Keenan Bursary
Established in 1950 by a bequest of £2000 from the late Thomas Joseph Keenan, for a bursary in the Faculty of Medicine. Value $200.

Dr Don Lamond Memorial Fund
Established in 1979 by a donation of $6125 from his widow in memory of the late Dr D. R. Lamond, DVSc, the income from the Fund to provide bursaries for the maintenance, education and benefit of undergraduate students in the Faculty of Veterinary Science. Candi-

dates for the degree of Bachelor of Veterinary Science, other than First Year students, who are in temporary financial need and who have demonstrated aptitude for the course, appropriate academic merit and good conduct, may apply for a grant of up to $400 from the fund. No more than one grant will be made to any one student.

Applications close on 31 March each year. Enquiries may be made to Dean's Office, Faculty of Veterinary Science.

Levey and Alexander Endowment

In 1879 a sum of £1000 was given by Mrs Maurice Alexander for the purpose of establishing an endowment in the University in memory of her late parents, Isaac and Dinah Levey and of her late husband, Maurice Alexander. It is intended for young men who shall have gone through the regular university course, and shall have passed the statutory examination for the degree of Bachelor of Arts in the University, and graduated with credit to themselves, and who shall then be desirous of entering a liberal profession, but be without sufficient pecuniary means to bear the cost of the necessary preparation and superior instruction.

It is directed that no regard whatever shall be had to the religious creed or denomination of any candidate, provided that his personal character and repute shall be good, and that in determining any such award the only considerations shall be such as have reference to the character and to the abilities and learning of the candidate, as proved by university examinations, and to his financial position.

The award is to be made to a graduate who shall have recently taken his BA degree; but preference shall be given to one who has graduated with honours.

The professions which are held especially in view are those of medicine and surgery, and of law in either branch, and those of architects, surveyors and engineers; but full discretion is given to the university Senate to include any other secular profession which shall be deemed by them to be of a learned or liberal character.

It is intended that the graduate selected under this endowment shall enjoy the income for three years either by one payment of not exceeding three hundred dollars (when sufficient accumulations are available) for fees or premiums on articles of pupilage; or by half-yearly payment of fifty dollars for three years; or partly in each way, as may be deemed by the Senate best for carrying out the objects in view.

Sir Daniel Levy Bursaries

Established in 1946 by gifts of £1000 each from Miss Anny Levy and the late Miss Clara Levy in memory of their brother, the late Sir Daniel Levy. Value $200.

Roy Lindseth Bursary

Established in 1983 through the commutation of fees for services rendered to the Earth Resources Foundation by Mr Roy Lindseth, President of Teknica Resources Development Limited of Calgary, Alberta, Canada, in favour of the establishment of a bursary.

The Bursary may be awarded annually, on the recommendation of the head of the Department of Geology and Geophysics, to a candidate for a bachelor's degree enrolled in a course or courses offered by the department who requires financial assistance to meet student expenses and who has, to the satisfaction of the head of the department, demonstrated academic merit. Value, $180.

John Spencer Nolan Bursary

Established in 1983 by an endowment of $20 000 from Miss Edna Spencer-Nolan to establish an annual bursary or bursaries in the Faculty of Dentistry in memory of her father, John Spencer Nolan, who practised dentistry in New South Wales from about 1890 until the early 1930s.

Awarded annually on the recommendation of the Dean of the Faculty of Dentistry to a candidate for the degree of Bachelor of Dental Surgery who requires financial assistance to meet student expenses and who has, to the satisfaction of the dean, demonstrated academic merit in secondary or tertiary education.

Value: Recommended maximum value of each bursary, $2000 per annum. (To be confirmed by Finance Committee). There may be more than one award each year.

Endowment Fund Honouring Sir Frank Packer

Established in 1972 to assist capable or potentially capable students, either enrolled in the University or seeking to become enrolled in the University, and either proceeding to a diploma or degree or seeking to proceed to a diploma or degree.

In award of grants, preference will generally be given to students who are not receiving benefits under the Tertiary Education Assistance Scheme, but who are potentially and demonstrably capable students.

The number of awards shall be determined by the income available each year. The total value of any one award may be up to, but may not exceed, $500.

J. G. Raphael Bursary

In 1879 a bequest of £50 was made to the University in the will of J. G. Raphael. The income of the bequest is used for bursaries — one bursary to be awarded one year and two bursaries the following year. The value of each bursary is approximately $100.

William Roberts Bursary

Founded in 1888 by a bequest of land from William Roberts, of Penrith, under certain conditions mentioned in the will. The annual value is $200.

Horace John Sendall Bursary

Founded in 1938 by a bequest of £1000 from Alfred Edward Sendall for the endowment of a scholarship or bursary in memory of his father, Horace John Sendall. The Horace John Sendall Bursary has been established under the terms of the bequest. The bursary is of the annual value of $200, and is tenable in one of the Faculties of Law, Medicine, Engineering, Dentistry, Veterinary Science or Architecture; other things being equal, preference will be given to a student entering the Faculty of Law.

Struth Bursary

Founded in 1883 by a gift of £1000 from John Struth for the foundation of an exhibition to assist students of intellectual promise, but whose means are not otherwise sufficient for the purpose, in obtaining a degree in the Faculty of Medicine. The bursary is awarded on the following conditions:

(1) The bursary shall be tenable in the Faculty of Medicine for a period not exceeding six years. The tenure shall be subject to the candidate attending satisfactorily at the medical courses and being diligent and of good conduct. The bursary shall be awarded from year to year, and the renewal is subject to the holder passing creditably at the annual degree examination of the year.

(2) The bursary shall be of the value of $400 per annum. The holder of the bursary will be exempt from the payment of lecture fees. He will, therefore, be required to pay all other incidental fees, including matriculation, general service and degree fees, Students' Representative Council fee and the fee for the University of Sydney Union.
(3) The Vice-Chancellor shall have received satisfactory assurance that the candidate is qualified by education and capacity to pursue the medical courses in the University and that the candidate's own means and those of his parents or guardians are insufficient to enable him to bear the cost of attending the medical courses in the University without financial assistance.

Henry Wait Bursary
Founded in 1900 by a bequest of £1000 from the late Henry Wait of Redfern, for the encouragement of the study of Medicine. The bursary is awarded upon the following conditions:
(1) The bursary shall be tenable in the Faculty of Medicine for a period not exceeding six years. The tenure shall be subject to the candidate attending satisfactorily at the medical courses and being diligent and of good conduct. The bursary shall be awarded from year to year, and the renewal is subject to the holder passing creditably at the annual degree examination of the year.
(2) The bursary shall be of the value of $400 per annum. The holder of the bursary will be exempt from the payment of lecture fees. He will, however, be required to pay all other incidental fees, including matriculation, general service and degree fees, Students' Representative Council fee, and the fee for the University of Sydney Union.
(3) The Vice-Chancellor shall have received satisfactory assurance that the candidate is qualified by education and capacity to pursue the medical courses in the University and that the candidate's own means and those of his parents or guardians are insufficient to enable him to bear the cost of attending the medical courses in the University without financial assistance.

Dame Eadith Campbell Walker Bursaries
In 1937 £5000 was bequeathed to the University by the late Dame Eadith Campbell Walker. Income from this bequest is at present used to provide eleven bursaries per annum. One half of the bursaries are available to female students. The annual value of each bursary is $200.

Walker Bursaries
In 1881 the sum of £5000 was given by Thomas Walker of Yaralla, Concord, for the foundation of bursaries. The gift was specially connected with the late resolution of the Senate to grant to women equal participation with men in all university privileges, and it was desired by the founder that a portion of the bursaries — up to one-half, as circumstances might dictate — should be made applicable to students of the female sex. Eight bursaries of the value of $200 per annum may be awarded.

William Charles Wentworth Bursary, No. I
In 1876 the sum of £1000 was given by FitzWilliam Wentworth for the foundation of a bursary, of the annual value of $150, to be called after the name of his deceased father, William Charles Wentworth.

William Charles Wentworth Bursary, No. II
In 1876 the further sum of £1000 was given by FitzWilliam Wentworth for the foundation of a second bursary, of the annual value of $150, to be called after the name of his deceased father, William Charles Wentworth; but the founder directed that this sum should accumulate until it should reach £1500, that a second bursary should then be established, and that the surplus should accumulate until the sum of £1500 should again be reached, when a similar result is to follow. This foundation reached the sum of £1500 in 1886, and a second bursary was established accordingly.

William Charles Wentworth Bursary, No. III
The fund was established in 1886 by the setting apart of the sum of £500 from the last-named foundation, to accumulate for the establishment of a third bursary in accordance with the directions of the founder; the annual value is $150.

William Charles Wentworth Bursaries, No. IV—No. XXVIII
Established from the accumulations of William Charles Wentworth funds; the annual value is $150 each.

Reverend C. A. White Bursary
Established in 1954 by a bequest of £1000 from the late Reverend C. A. White to establish a bursary to be awarded annually to a Presbyterian undergraduate who satisfies the Dean of the Faculty of Arts that he has been accepted as a candidate for the Ministry of the Presbyterian Church. Value $500.

Alice Mary Wingrove Bursary
Founded in 1964 by a bequest of £500 from the late Alice Mary Wingrove, to be applied by the Senate in its discretion in providing assistance for education at the University in any Faculty for an Aboriginal student. Value $180.

Other bursary assistance

Bursaries awarded by the Bursary Endowment Board
A number of bursaries tenable at the University are awarded to candidates of merit at the Higher School Certificate examination whose family income falls within certain limits prescribed by the Bursary Endowment Board.

Applications should be made to the Secretary, Bursary Endowment Board, 35-51 Mitchell Street, North Sydney 2060.

Matriculation scholarships and prizes

Matriculation scholarships and prizes are awarded on the results of the Higher School Certificate examination. Some are awarded in any faculty while others are awarded only in particular faculties.

Candidates for the scholarships in Classics are required to lodge an application with the Registrar of the University by 1 October each year and are required to sit for an additional paper shortly after the Higher School Certificate examination. Candidates in Classics are required to pay a fee of $3 when lodging their applications.

The university by-laws provide that in connection with the award of scholarships in modern foreign languages, if the examiners shall be of the opinion that any candidate has any exceptional advantage by reason of foreign nationality or parentage or prolonged residence abroad, such candidate shall not be eligible for an award unless there is no other candidate of sufficient merit.

A certificate establishing the candidate's eligibility to compete for the Freemasons' Scholarships, the Council of Education Scholarship, or the James Robinson Orange Memorial Prize should be lodged with the Registrar of the University by 31 March of the year in which the student enrols in first year at the University.

It is necessary to lodge an application form for an award *only* where this is stipulated.

Any faculty

James Aitken Scholarships
Founded in 1878 by a bequest of £1000 from James Aitken of Grafton, for a bursary or scholarship. Up to 1893 it was applied as a bursary. Two scholarships are now awarded annually for general proficiency at the matriculation examination. $300 each, tenable for three years in any faculty.

Australian Government assistance
Details of assistance provided by the Commonwealth Government are given elsewhere in the *Calendar* under the section 'Sources of financial assistance to students'.

Barker Scholarship, No. III
To be awarded at the matriculation examination for proficiency in mathematics. $400, tenable for one year.

The scholar is required to attend the first year course in mathematics in the Faculty of Arts, Science or Engineering.

Robert Campbell Scholarships
Founded in 1922 by a bequest of £2000 from the late Lt-Col. Francis Selwyn Campbell, to establish a scholarship for intending students in straitened circumstances, in memory of his father, Robert Campbell, Colonial Treasurer in 1857, and his mother, Ann Sophia Campbell.

From 1922–77 one scholarship valued at $100 per annum and tenable for two years was available for award each year to a student of sufficient merit who lodged an application showing him/herself to be in straitened circumstances.

In 1977, the Academic Board determined that several scholarships be available for award each year for proficiency at the HSC examination to students in straitened circumstances who are deemed of sufficient merit. The scholarships are tenable in any faculty for the duration of the course being undertaken, provided that the holder satisfactorily passes the examinations of the course. Value $200 per annum.

Council of Education Scholarship
Founded in 1889 by a gift of £300 from the trustees of the subscribers to a memorial of the late Council of Education for the foundation of a scholarship to be called the Council of Education Scholarship. Candidates must be children of teachers or officers of not less than three years' standing in the New South Wales Department of Education and must produce a certificate of eligibility. The scholarship is awarded for general proficiency at the HSC examination provided the candidate's work is of sufficient merit. Awarded annually and tenable for three years. Annual value $400.

Fairfax Prize
Established in 1872 by a donation of £500 from John Fairfax. The prize was initially awarded as two annual prizes for women for proficiency at the Senior and Junior Public Examinations. From 1918 onwards it was awarded by authority of the University Prizes and Medals Alteration Act, 1917, as one prize.

The prize is awarded annually on the recommendation of the Chairman of the Academic Board to the most proficient woman candidate at the Higher School Certificate examination enrolling full time in the first year of candidature for a bachelor's degree, provided that she has demonstrated sufficient academic merit. Value, $425.

Freemasons' Scholarship
Founded in 1880 by a gift of £1000 from the Freemasons of New South Wales under the constitution of the Grand Lodge of England, for the endowment of a scholarship in honour of the District Grand Master of the Order, John Williams. As from 1974, two scholarships are awarded each year, for general proficiency at the HSC examination. Competitors must be the sons of Freemasons of five years' standing of the United Grand Lodge of New South Wales who qualify for matriculation. If at any time there shall be no candidates for matriculation eligible to compete for the scholarships, or if any such candidates fail to show sufficient merit, they will be open to like competition at the first year examination. The scholarships may be held in any Faculty and are tenable for three years, provided that the scholars shall so long faithfully pursue their studies in the University, and shall

pass the annual examinations with credit. Applications close on 31 March each year.

Value, $200 per annum each.

Gowrie Scholarships

Four scholarships which are tenable in Australian universities are awarded annually by the trustees of the Gowrie Scholarship Trust Fund.

Scholarships cover the normal period of the course taken at the University, and are tenable only by members of the forces who have served on active service during World War II, or their children.

Applications should be made to the Secretary, Gowrie Scholarship Trust Fund, 47 Cherry Street, Warrawee, N.S.W. 2074.

Grahame Prize Medal

Founded in 1891 by a bequest of £100 from William Grahame of Waverley. Formerly awarded to such candidate as shall display the greatest general proficiency at the Senior Public Examination.

From 1918 awarded by authority of the University Prizes and Medals Alteration Act, 1917, to the greatest proficient at the university examinations for scholarships at entrance to the University. Value, $75.

G. C. Halliday Scholarship

Founded in 1938 by a gift of £1000 from Mrs Ruby Halliday in memory of her late husband, G. C. Halliday, BA.

The scholarship is awarded by the Academic Board on the recommendation of the trustees of the Sydney Grammar School, to a student proceeding thence to the University.

The scholarship is tenable only in one of the Faculties of Arts, Law, Science, or Engineering, and is awarded annually for general proficiency at the HSC examination. Annual value, $125, tenable for three years.

Horner Exhibition

Founded in 1889 by a bequest of £200 from Francis Horner, MA. Awarded for proficiency in mathematics at the matriculation examination. It cannot be held with two other scholarships in the University. In case of equality in order of merit in competition for the exhibition, preference shall be given to a student matriculating direct from the King's School, Parramatta, or in the absence of a student from that school, to a candidate from Newington College, Stanmore. Value, $240, tenable for one year.

The scholar is required to attend the first year course in Mathematics in the Faculty of Arts, Science, or Engineering.

Kambala Scholarship

Founded in 1904 by a gift of £250 from the members of the Kambala Girls' Union.

Awarded annually to the pupil from Kambala School who in the opinion of the Vice-Chancellor attains the highest proficiency in matriculation subjects at the HSC examination. If there is no Kambala student who qualifies in any year the amount shall be added to the capital or, at the discretion of the Vice-Chancellor, may be awarded to and distributed among Kambala students already attending the University, to the exclusion of any one or more of them, in such manner and proportion as the Vice-Chancellor may think fit. Value, $300.

Killeen Prize

Founded in 1924 by a gift of £100 from the Limbless and Maimed Soldiers' Association at the request of Mrs F. P. J. Killeen, who selected this form of memorial for her late husband, Lieut. F. P. J. Killeen, first President of the Association. Awarded on the recommendation of the Principal of the Fort Street High School, approved by the Director of Education, to a student proceeding from that school to the University. Annual value, $75.

Liversidge Scholarships

Founded in 1928 by a bequest from the late Emeritus Professor Liversidge, who occupied the Chair of Chemistry from 1874 to 1907, of £2000 to form a scholarship fund for proficiency in Chemistry. The Senate has decided that two scholarships, to be known as the Liversidge Scholarships, shall be awarded annually to the two candidates enrolled in Chemistry IA and IB who, in the immediately preceding year, attempted Chemistry and Physics as 4 unit Science at the N.S.W. Higher School Certificate examination and who achieved the highest number of marks in Chemistry.

Each scholarship shall have an annual value of $200 and shall be tenable for a period of three years, provided the candidate proceeds with the study of Chemistry and achieves a standard each year that is deemed to be satisfactory by the Professors of Chemistry.

Miriam Josepha Makinson Memorial Prize

Established in 1971 by a gift of $500 from Miss K. J. Laurence to establish a prize in memory of her late aunt, Miss Miriam Josepha Makinson, who was born on 1 April 1890 and died on 7 March 1919, at the Royal Prince Alfred Hospital, of pneumonic influenza which she contracted when nursing patients there in the epidemic.

Awarded annually to the pupil from the Cremorne Girls' High School who attains the highest proficiency in matriculation subjects at the HSC examination, and who proceeds to the University. Value, $40.

James Robinson Orange Memorial Prize

Founded in 1926 by a gift of £200 from the Grand Lodge of the Loyal Orange Institution of New South Wales for the establishment of a prize at the University in memory of the late Hon. James Robinson, MLC. The prize is restricted to children or grandchildren of members of the Loyal Orange Institution who qualify for matriculation, and is tenable in any Faculty or Department of the University. Awarded annually for general proficiency at the HSC or matriculation examination.

The candidate must submit a certificate from the secretary of the Loyal Orange Institution to establish the candidate's eligibility to compete. Value, $400.

Cecilie Purves Memorial Prize

Founded in 1955 by a bequest from the estate of the late Emeritus Professor E. R. Holme and awarded under the following conditions:

(1) The prize shall be known as the Cecilie Purves Memorial Prize.

(2) The prize shall be awarded to a student, or former student, of the Sydney Church of England Grammar School, who is proceeding to the University of Sydney to study in any Faculty, on the basis of merit to be ascertained by the University by public examination or other means determined.

(3) The proceeds of the prize shall be applied to the purchase of textbooks and/or reference

books approved by the Dean of the relevant Faculty.

(4) The prize shall be awarded annually and shall be tenable for a period of three years.

(5) The net income derived from the fund each year shall be divided into three equal parts, and one of such parts shall be paid to or for the student at the commencement of his study at the University, and the subsequent parts will be paid to or for the student at the beginning of successive years if he has satisfactorily completed the previous year's work.

Queen Victoria Scholarship
In 1905 the sum of £540 was presented to the University by subscribers to a Memorial of the late Queen Victoria for the foundation of a scholarship.

The fund was formed by contributions from the general community, largely from school children.

The conditions of awards are as follows:

(1) That it be awarded to the best girl matriculant of the year, and be tenable for three years under the conditions usually existing for scholarships.

(2) That the scholar shall satisfy the Chancellor, privately, that she requires the money, otherwise it shall be handed over to the Chancellor to be used for a bursary for girls, the original winner retaining the title of Queen Victoria Scholar.

The scholarship is of the value of $450, and is tenable for three years.

A. J. Shearsby Prize
Founded in 1958 by a gift of £214 in honour of Mr A. J. Shearsby, of Yass. Awarded annually by the University to the student gaining the highest place in 2 unit Science/Geology at the HSC examination and who continues his or her studies in geology at the University. Value, $50.

John West Medal
Founded in 1874 by a gift of £200 from the subscribers to a memorial of the Reverend John West, editor of the *Sydney Morning Herald*. Formerly awarded to the greatest proficient in the Senior Public Examinations.

From 1918 awarded by authority of the University Prizes and Medals Alteration Act, 1917, to the greatest proficient at the university examinations for scholarships at entrance to the University. Value, $350.

Faculty of Agriculture

Martin McIlrath Scholarships
Scholarships valued at approximately $410 each, tenable for one year, are awarded for proficiency at the HSC examination. Preference is given to ex-service applicants and the sons of ex-servicemen. The scholarships are tenable by men only, except in the case of ex-servicewomen.

Applications should be lodged with the Registrar in March each year.

Faculty of Arts

Bowman-Cameron Scholarship
Founded in 1877 by a bequest of £1100 from Andrew Robertson Cameron, MD. Awarded annually for general proficiency at the HSC examination. Value, $300, tenable for three years in the Faculty of Arts.

This scholarship cannot be held with the James Aitken Scholarship.

Cooper Scholarship, No. II
Awarded for proficiency in Classics. Value, $250, tenable for one year. Candidates are required to lodge an application, together with a fee of $3, with the Registrar by 1 October, and to sit for an additional paper shortly after the HSC examination. Cannot be held with the Nicholson Matriculation Scholarships.

Garton Scholarship, No. III
Awarded for proficiency in French at matriculation. Value, $850, tenable for one year. The scholar is required to attend the course French Language and Literature I during his tenure of the scholarship.

Konstantin Gawrilow Scholarship
For conditions of award see under undergraduate scholarships and prizes.

Lithgow Scholarship, No. I
Awarded for proficiency in German at matriculation. Value, $600 for one year. The scholar is required to attend the course of German I during his tenure of the scholarship.

Nicholson Matriculation Scholarships
Established in 1979 from a surplus accumulated income of the fund established for the Nicholson Medal. Two scholarships are awarded each year to candidates for the degree of Bachelor of the University of Sydney.

One scholarship is awarded annually to the candidate who enrols in the course Latin IA and who demonstrated the greatest proficiency in Latin at the HSC examination. The scholar is required to attend the course Latin IA during tenure of the scholarship.

The other scholarship is awarded annually among the candidates who enrol in the course Latin IB to the person who demonstrated the greatest proficiency at the HSC examination. The scholar is required to attend the course Latin IB during tenure of the scholarship.

Value $100 each, tenable for one year. Neither scholarship can be held with the Cooper Scholarship No. II.

Salting Exhibition
Founded in 1858 by a gift of £500 (with accumulations) from Severin Kanute Salting, to be applied for the promotion of sound learning. Awarded on the recommendation of the Trustees of the Sydney Grammar School to a student proceeding thence to the University.

From 1860 to 1930 the exhibition was awarded every third year, the annual value being £25 up to 1918 and £50 from 1919 to 1930. From 1933 the exhibition has been awarded annually and is tenable for three years in the Faculty of Arts. Annual value, $400.

Faculty of Medicine

Dr John Osborne, RN, Scholarship
Founded in 1919 by a bequest of £1000 from Mrs Kate Cunningham Moffat, for the foundation of a scholarship or bursary for a medical student from St Paul's College, to be known as the Dr John Osborne, RN, Scholarship or Bursary.

The following regulations have been made by the Senate:

(1) The scholarship shall be awarded annually for general proficiency at matriculation, and shall be tenable for a period of three years in the Faculty of Medicine, so long as the scholar shall be of good conduct and shall attend regularly the

courses in the University for candidates for the degrees of Bachelor of Medicine and Bachelor of Surgery, and shall satisfactorily pass the prescribed examinations.

(2) Failure to pass any qualifying examination will entail forfeiture of the scholarship unless such failure be due to illness or special circumstances. The decision in all such cases shall be made by the Senate after receiving a report from the Faculty of Medicine.

(3) The Scholarship is tenable only by a student of St Paul's College.

Value, $300, tenable for three years.

Faculty of Science

Plumian Scholarship
Established in 1953 by a bequest of £1250 under the will of the late Reverend Henry Plume.

The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the Plumian Scholarship.

(2) The scholarship shall be tenable for two years.

(3) The scholarship shall be awarded for general proficiency at the Higher School Certificate Examination to a candidate entering the Faculty of Science and taking at least one of the following subjects in his first year, Biology, Geology or Geography, provided he is of sufficient merit.

(4) In cases where candidates are of equal merit, preference in awarding the scholarship shall be given to a candidate from Barker College, Hornsby.

The scholarship is awarded annually and is valued at $225.

Faculty of Veterinary Science

Alexander Donald Scholarship
Established in 1946 by a gift of £1000 from Keith Donald, in memory of his son. Awarded to a student of Sydney Grammar School entering the Faculty of Veterinary Science for general proficiency at the HSC examination. The scholarship is tenable for three years and is to be held in abeyance if there is no suitable candidate. Value, $150.

Martin McIlrath Scholarships
Scholarships valued at approximately $410 each tenable for one year, are awarded for proficiency at the HSC examination. Preference is given to ex-service applicants and the sons of ex-servicemen. The scholarships are tenable by men only, except in the case of ex-servicewomen.

Applications should be lodged with the Registrar in March each year.

Undergraduate scholarships and prizes

(1) BY FACULTY OR BOARD OF STUDIES

Any faculty

Australian Aborigines Scholarship
Established in 1966 by an anonymous donation of $1000 being the first of five annual donations.

The scholarship is awarded under the following conditions:

(1) The scholarship shall be for the purpose of:

(a) providing scholarships for Australian Aborigines whether they be full-bloods, half-castes or quarter-castes for the purpose of attending the University of Sydney for degree or diploma courses. Such scholarships shall take into account the expenditure by a student for fees, books, scholastic equipment and living expenses and be for such an amount as the University of Sydney in its absolute discretion considers sufficient in the circumstances of each individual student.

(b) giving financial assistance to Australian Aborigines as aforesaid for obtaining secondary education and preparing for a course to be taken at the University of Sydney.

(c) awarding scholarships to Australian Aborigines as aforesaid who may wish to attend other institutions of tertiary education if the University of Sydney considers that the welfare of the Australian Aborigines will be thereby benefited. The University of Sydney shall be entitled in its absolute discretion to determine the conditions under which individual students shall be financially assisted and the amount of assistance to be given.

(2) The scholarships shall be awarded by a committee consisting of the Chairman of the Academic Board, the Deans of the Faculties of Arts and Science, the Professor of Social Anthropology and the Registrar.

(3) The scholar shall be required to study as a full-time student:

(a) for the purpose of obtaining a degree or diploma in the University of Sydney, or

(b) for the purpose of obtaining secondary education and qualifying for Matriculation in preparation for a course to be taken in the University of Sydney, or

(c) for the purpose of obtaining education in another institution of tertiary education approved by the committee.

(4) The scholarship shall be tenable during such time as the student makes sufficiently satisfactory progress in his studies.

(5) The amount of the scholarship shall be determined from time to time by the committee.

Beauchamp Prizes
For conditions of award, see under *Prize Compositions* at the end of this section of the Calendar.

G. S. Caird Scholarships
Founded in 1923 by a bequest of £4000 from Miss Elizabeth R. Caird, for the purpose of founding in perpetuity such scholarships as the Council of the University shall think best, no individual scholarship to be larger than the annual interest on the sum of £1000. All scholarships founded are to be called G. S. Caird Scholarships, in commemoration of the late Mr G. S. Caird. In 1924, a further sum of £3576 3s. 7d. was received from the trustees of the estate, making a total of £7576 3s. 7d.

The Senate has allocated seven scholarships of $60 per annum to the Departments of Philosophy, Geography, Zoology, Botany, Economics, Electrical Engineering, and Dentistry.

Noel Chettle Prize for Art
Established in 1978 by the offer of an annual donation of $500 from Mrs E. M. Chettle, in memory of her husband, Noel Chettle, and in support of his interest in the encouragement of youthful ideas in art.

Awarded annually by a Committee of the University of Sydney consisting of the Head of the School of Undergraduate Studies in the Faculty of Architecture, the heads of the Departments of Architecture and Fine Arts or their representatives and two representatives of the Sydney University Art Workshop, one being the Director who will act as convener, the other being a member of the full-time or part-time teaching staff of the Workshop nominated by the Director.

The prize, which may be shared, shall be awarded to a student or students at the Sydney University Art Workshop, other than a member of the full-time or part-time teaching staff in the fields of fine arts, architecture and related fields, of the University or of any other teaching institution, for a body of work completed within the year for which the prize is to be awarded and under the supervision of a member of the full-time or part-time teaching staff of the Art Workshop, provided that the work is of sufficient merit and that part of the work shall be figurative and include portraiture in any medium. Value, $500.

Frank Coaldrake Scholarship
For conditions of award see under *various faculties* in *Postgraduate scholarships and prizes*.

Janet Elspeth Crawford Prizes
Established in 1982 by a donation of $5000 from Sir John and Lady Crawford in memory of their daughter Janet Elspeth Crawford, who graduated from the University in 1965 with the degree of Bachelor of Science with first class honours and the University Medal in Physical Chemistry.

Janet Elspeth Crawford Prize In Chemistry
The Prize in Chemistry may be awarded to a woman student who has completed a fourth year honours course in chemistry. The prize is awarded annually on the recommendation of the head of the School of Chemistry to the most proficient woman student graduating Bachelor of Science, provided that the degree is awarded at least at the grade of second class honours division 1. Value, $230.

Janet Elspeth Crawford Prize At The Women's College
The Prize at the Women's College may be awarded to a woman student who has qualified for the award of a bachelor's degree with honours in any faculty provided that she was resident at the Women's College during the whole of the final year of candidature. The prize is awarded annually on the recommendation of the deans of the faculties in which eligible students are enrolled, to the most proficient woman student graduating with a bachelor's degree, provided that the degree is awarded at least at the grade of second class honours division 1. Value, $230.

Deas-Thomson Scholarships[1]
Founded in 1854 by a gift of £1000 (with accumulations) from the Hon. Sir Edward Deas-Thomson, CB KCMG, for the encouragement of the study of natural science.

Scholarships are awarded in the subjects of Physics and Geology to students in the Faculties of Arts or Science.

Konstantin Gawrilow Scholarship
Konstantin Nicholas Gawrilow by his will bequeathed his estate to the University to establish a scholarship to enable a student to study Russian language or literature or both as part of or the whole of any course of study. The scholarship, established in 1979, is awarded under the following conditions:

(1) The name of the scholarship shall be the Konstantin Gawrilow Scholarship.

(2) The object of the scholarship shall be to enable a student or students to study Russian language or literature or both at any Australian university, until this course is offered at the University of Sydney, as part of or the whole of any course of study at the University of Sydney.

(3) The scholarship shall be awarded on the results of the HSC examination or other examination qualifying for entry to the University of Sydney. The scholarship is restricted to women entering upon the first year of a course at the University who are not more than twenty-five years of age at the commencement of the academic year for which the scholarship is awarded, possessing one of the following qualifications:

(a) Girls who are of Aboriginal extraction in whole or in part and
  (i) have no living parents; or
  (ii) have only one living parent; or
  (iii) are cared for, or were until attaining majority cared for, by a guardian by reason of the desertion or neglect of both parents; or
  (iv) are cared for, or were until attaining majority cared for, by one parent by reason of the desertion of the other parent; or

(b) Girls who are not of Aboriginal extraction in whole or in part and
  (i) have no living parent; or
  (ii) have only one living parent.

Preference shall be given to eligible candidates qualifying under (a) (i) above and, if there are no

[1] Conditions under review.

such candidates, candidates of Aboriginal extraction in whole or in part shall be preferred to those who are not. Notwithstanding the results at the examination mentioned in (3) above, candidates who are in greater need of assistance than other candidates may at the discretion of the selection committee be given preference.

(4) The value of the scholarship shall be determined from time to time by the Senate. The scholarship is currently valued at $4300 per annum. A separate grant for books, equipment, material or other necessities required in connection with the course may also be made. The scholarship shall be awarded in the first instance for one year and, provided satisfactory progress is made, may be renewed for a second and later years until the scholar has qualified for both an undergraduate and a higher degree. The scholarship may be awarded in any one year to one or more first and one or more later year candidates and may be held concurrently with any other scholarship, bursary or grant.

(5) The scholarship will be awarded by a committee consisting of the Chairman of the Academic Board, the Dean of the Faculty of Arts, the Professor of Russian (on his appointment) and the Registrar, or their nominees.

Spero Gravas Scholarship

Founded in 1967 by a bequest of $1862 from the late Spero Gravas.

Awarded annually in any faculty to an undergraduate either of whose parents or grandparents are or were at any time during their lives persons of Greek nationality. The scholarship shall be awarded by the Vice-Chancellor to the student who has shown the greatest academic merit in the annual examinations other than those in the final year. Value, $200.

Newcomb Hodge Essay Prize

Established in 1951 by the offer of an annual sum of £7 7s. from the Newcomb Hodge Fellowship. The sum of £7 7s. was offered annually from 1953 to 1957. In 1957 the Newcomb Hodge Fellowship donated a sum of £300 to endow the prize.

Awarded for an essay set in the Department of Education as part of the normal work of students, but provision will be made for students in other departments or faculties to compete. Value, $32.

Henry Lawson Memorial Prizes

For conditions of award see under *Prize Compositions* at the end of this section of the Calendar.

Australian Federation of University Women Prizes

The Association offers annual prizes of not less than $25 and not more than $50 each to an outstanding woman student in any of the universities within New South Wales, completing final or honours year in the following fields:

One prize in the Faculty of Arts,
One prize in the Faculty of Science,
One prize in the Faculty of Medicine,
One prize in the Faculty of Architecture,
OR Engineering,
OR Veterinary Science,
OR other recognised degree course.

(Candidates from universities operating in schools will be considered on the basis of major subject interests.)

Candidates wishing to apply for such prizes may obtain the necessary forms by writing to the office of the New South Wales Association of University Women Graduates, 919 Challis House, Martin Place, Sydney 2000. Completed application forms must be returned to the office of the Association not later than 15 September of each year. A certificate of academic record issued by the Registrar of the university must be lodged with the Association not later than 1 February of the following year.

Adjudication is by the Awards Committee of the New South Wales Association of University Women Graduates.

Organ Scholarship

The Organ Scholarship was established in 1951 and is awarded annually under the following conditions:

(1) The person appointed to assist the Organist shall be called the Organ Scholar.

(2) The scholarship shall be tenable by a matriculated student attending the courses for some degree at the University.

(3) The scholarship shall be held for one year only but may be renewed for a second year. Candidates will normally be eligible to hold the award for no more than two successive years.

(4) The scholar shall be recommended to the Vice-Chancellor for appointment by the University Organist. The Organist may, if he considers it necessary, ask applicants for the scholarship to submit themselves to tests in organ playing.

(5) The scholar will have the privilege of playing on the university organ and he may be required by the University Organist to give recitals and to play at University functions.

(6) The amount of the scholarship shall be $500 per annum.

Earle Page Constitutional Prize

For conditions of award see under *Prize Compositions* at the end of this section of the Calendar.

Walter Reid Memorial Fund

Established by a bequest from the late Kathleen M. E. Maxwell in memory of her brother.

(1) The name of the fund shall be The Walter Reid Memorial Fund.

(2) The object of the Fund is to enable students attending one or other or both of the Faculties of Arts and Law to acquire books of benefit to them in connection with their Faculty work or their general education or education in any particular field.

(3) Applications will be considered by a committee consisting of the Dean of the Faculty of Arts, the Dean of the Faculty of Law, and the Registrar, or their representatives.

(4) An amount of up to $100 may be granted to any applicant in any one year at the discretion of the committee.

(5) For purposes of this bequest books shall include not only books properly but magazines, periodicals, recordings, and tapes.

(6) The books selected shall be in furtherance of the objects of the Fund.

(7) Each book will be inscribed with the words 'Given in memory of Walter Reid, a student in and graduate of the Faculties of Arts and Law in the University of Sydney'.

Walter Selle Scholarship[1]

In 1959 the Sydney University Evening Students Association launched an appeal to establish a Walter

[1] Conditions under review.

Selle Evening Students' Scholarship in honour of Walter A. Selle, MA, a former Registrar of the University, from 1924 to 1947. In 1963, the Senate decided that the income from the appeal fund, which totalled about £1000, be applied to establish an annual 'Walter Selle Scholarship'.

The scholarship, valued at $100, shall be awarded annually to a part-time student in the Faculty of Arts or in the Faculty of Economics who shows the greatest academic distinction in Course III of the undergraduate honours course, provided that his work is of sufficient merit, and who is proceeding to Course IV. The scholarship shall be awarded by a committee consisting of the Chairman of the Academic Board, or his nominee, and the heads, or their representatives, of the departments in which the candidates took Course III of the undergraduate honours course.

Adrian Consett Stephen Memorial Prize
For conditions of award see under *Prize Compositions* at the end of this section of the Calendar.

Walter Mersh Strong Scholarships
Dr W. M. Strong of Port Moresby by his will in 1946 bequeathed his residuary estate amounting to £35 000 to the University of Sydney for the purpose of encouraging education and research in subjects relevant to the particular needs of the then territory of Papua.

In 1951, the Senate established the Walter Mersh Strong Research Fellowship for original research in Papua in an appropriate subject. It was offered in any of the biological, physical or social sciences or in Papuan history or linguistics. In 1961 the Senate established two Walter Mersh Strong Scholarships to replace the Research Fellowship established in 1951. These scholarships were open to candidates from Papua New Guinea for full-time study towards an undergraduate degree in the University of Sydney. In 1977 the conditions of award were amended to make the scholarships available at both postgraduate and undergraduate levels. The scholarships are now awarded under the following conditions.

(1) Each scholarship shall be named a Walter Mersh Strong Scholarship.

(2) The purpose of the scholarships is to provide opportunities for students from Papua New Guinea to attend the University of Sydney to undertake coursework, supervised study or research.

(3) A scholarship may be awarded to —

(a) an applicant who is admitted to candidature for a bachelor's degree or for the Diploma in Education and who enrols accordingly;

(b) an applicant who is admitted to candidature for a higher degree or a diploma other than the Diploma in Education and who enrols accordingly;

(c) an applicant who is not a candidate for a degree or diploma but who proposes to undertake a programme of study and/or research, including coursework, supervised study or investigation, approved by the Selection Committee in consultation with the Head(s) of Department(s) concerned.

(4) (a) A scholarship shall provide a stipend of $10 500 per annum, pro rata for shorter periods.

(b) A scholarship may provide at the discretion of the Selection Committee allowances equivalent to those provided by the Commonwealth Award Scheme.

(c) A scholarship may provide a research maintenance allowance of up to $1500 per annum to be administered by the head of the department in which the research is conducted.

(d) A scholarship may provide return economy class air travel for an award holder and immediate family, comprising accompanying spouse and dependent children.

(5) (a) A scholarship awarded to an applicant as defined in Clauses 3(a) and (b) shall be tenable for one year in the first instance but may be renewed from year to year subject to progress satisfactory to the dean of the faculty or chairman of the board of studies concerned, who shall consult with the head of department or professor most concerned.

(b) A scholarship awarded to an applicant as defined in clause 3(c) shall normally be tenable for up to one year.

(6) The scholarships shall be awarded by the Academic Board on the advice of a committee consisting of the Chairman of the Academic Board and the deans of the faculties in which the applicants seek to enrol, or nominees of the deans concerned, and at least one other member nominated by the Chairman.

Universities Credit Union Scholarship
Established in 1982 by the offer of an annual donation from the Universities Credit Union, as a reflection of the close association between the University and the Credit Union. The scholarship may be awarded to an undergraduate student in any discipline, under the following conditions.

(1) The name of the scholarship shall be the Universities Credit Union Scholarship.

(2) The scholarship shall be of the annual value of $500.

(3) The scholarship shall be awarded on the recommendation of a committee consisting of the deans of faculties and chairmen of boards of studies in which applicants for the scholarship are enrolled.

(4) The scholarship shall be awarded to the applicant who has demonstrated the greatest proficiency in studies completed in the year immediately preceding the year in which the scholarship is to be awarded, provided the student's work is of sufficient merit.

(5) Only students who are members or family of members of the Universities Credit Union of more than one year's standing and who are candidates for an undergraduate degree of the University shall be eligible to apply and be considered for the award of the scholarship.

(6) For the purpose of section (5) above, family is defined to include spouse, mother, father, son, daughter, brother and sister only.

(7) The scholarship shall be tenable in the year of award only, provided the holder of the scholarship remains enrolled in accordance with the conditions of award throughout that year.

(8) The holder of a scholarship may apply for a further award of the scholarship in subsequent years.

University of Sydney Convocation Medal
Established in 1979 by the Standing Committee of Convocation of the University of Sydney.

Awarded annually by a committee consisting of the Chairman of the Academic Board, the Deans of the Faculties of Arts and Science, the President of the Standing Committee of Convocation and the Registrar, to a person who in the preceding year completed the requirements for the award of a degree of Bachelor of the University of Sydney, who is nominated by a member of Convocation and who has achieved a high standard of academic proficiency and otherwise contributed to the life of the University, provided the person's academic work and other contributions are of sufficient merit. The prize may not be awarded more than once to the same person.

The prize shall consist of a medal.

Wentworth Medal
For details see under *Prize Compositions* at the end of this section of the Calendar.

Faculty of Agriculture

Australian Farm Management Society Prize
Donated annually by the Australian Farm Management Society to encourage scholarship in the field of farm management.

Awarded on the recommendation of the Dean to either a fourth year student in the course General Agriculture or a fourth year student in the course Agricultural Economics who shows the greatest proficiency in the field of farm management provided that he is of sufficient merit.

The prize, an engraved bronze sculpture, may be awarded annually.

Belmore Scholarships
In 1871 the Earl of Belmore made a gift for the purpose of providing a gold medal for proficiency in Geology and Practical Chemistry with special reference to Agriculture. His Lordship stated that should additional branches connected with Agriculture be thereafter taught in the University, the examination for the medal might be made to embrace them. Upon the establishment of a Chair of Agriculture in 1910, it was decided to award the income of the fund as a scholarship. Four scholarships of $200 each awarded annually on the recommendation of the Dean of the Faculty of Agriculture to students in the Faculty. Two are tenable in Second Year, the first being awarded to the student showing greatest proficiency in the First Year examinations and the second awarded for greatest proficiency in Chemistry I. A further two are tenable in Third Year, the first being awarded to the student showing greatest proficiency at the Second Year examinations and the second awarded for greatest proficiency in Soil Science I and either Agricultural Chemistry I or Agricultural Chemistry (Animal Husbandry). In each case the student's work must be of sufficient merit. Two scholarships may not be awarded to the same person in any one year.

John Arthur Cran Prize
Donated annually by Mrs Esther Irene Cran in memory of her husband. Awarded to the most proficient student in the course of Crop Science, provided that the candidate's work is of sufficient merit. Value, $50.

Dairy Husbandry Research Foundation Prize in Animal Husbandry
Established in 1977 by an offer from the Dairy Husbandry Research Foundation of an annual donation for a prize in Animal Husbandry with particular reference to Dairying.

Awarded annually in the Faculty of Agriculture on the recommendation of the Head of the Department of Animal Husbandry to the student enrolled in the fourth year subject Animal Husbandry who achieves the highest proficiency with particular reference to dairying, provided the student's work is of sufficient merit. Value, $250.

John Neil Downing Memorial Prize
Established by R. G. Downing BSc(Agr), by gifts of £25 in 1948 and £500 in 1949, for a prize in memory of his son, Lieutenant John Neil Downing, who was killed in action.

The prize is awarded annually on the recommendation of the Dean of the Faculty of Agriculture to the student in the Faculty of Agriculture who shows greatest proficiency in the 12-week practical work requirement, provided the student's work is of sufficient merit. Value, $150.

W. W. Froggatt Memorial Prize
Established in 1979 by a bequest of $1000 from the estate of the late Joyce Chiosso Froggatt in memory of her father.

Awarded annually on the recommendation of the Head of the Department of Plant Pathology and Agricultural Entomology to the student in Fourth Year Agricultural Entomology who shows the greatest proficiency in a research project, if the student's work is of sufficient merit. Value, $110.

Golden Jubilee Scholarship in Agricultural Science
In 1960, which was the golden jubilee year of the foundation of the School of Agriculture in this University and of the Australian Institute of Agricultural Science, a committee was formed to raise a fund to endow an annual scholarship in Agricultural Science.

Established in 1961 by the gift of £1574 18s. from the Jubilee Scholarship Fund Appeal. Awarded annually for the study of Agricultural Science in the fourth year, to a student at the end of third year, on the basis of academic achievement, application to the course of study and aptitude for Agricultural Science. Value, $350.

Clifford Dawson Holliday Prize
Founded in 1954 by a bequest of £1000 from the late Andrew Holliday for a prize to be known as the Clifford Dawson Holliday Prize in Agriculture.

Awarded annually to the most proficient candidate at the third year annual examinations in the Faculty of Agriculture. Value, $115.

D. L. Jackson Memorial Prize
Established in 1975 by public subscription in memory of the late D. L. Jackson, Senior Lecturer in the Department of Agronomy and Horticultural Science.

To be awarded annually on the recommendation of the head of the Department of Agronomy and Horticultural Science to the most proficient student in the course Crop Botany or any future comparable course in crop botany which may replace it provided that the candidate's work is of sufficient merit. Value, $150.

Sibella Macarthur Onslow Memorial Prize
Established in 1944 by a gift of £360 from members of the Victorian League of New South Wales and other friends of the late Miss Sibella Macarthur Onslow.

Awarded annually on the recommendation of the Head of the Department of Agronomy and Horticultural Science for proficiency in the subject Fourth

Year Agronomy, provided the student's work is of sufficient merit. Value, $120.

F. C. McCleery Memorial Award
Established in 1979 by a series of donations over a number of years by the Reverend A. B. Catley, a graduate of the Faculty of Agriculture, for an award in that faculty. The award honours the memory of F. C. McCleery, BScAgr (1925), the former Chief Biometrician in the N.S.W. Department of Agriculture. F. C. McCleery was judged by his peers, both when a student at this University and in his later professional career, to be a man of great integrity who contributed greatly in both fields by his leadership and fellowship. Throughout his professional career he remained interested in a wide range of subjects from classical Greek literature to modern theology.

The award shall be made annually after a ballot, conducted by the Dean, of Third Year students in the Faculty to the person amongst their number who they judge at that ballot to have contributed most to the life of the Faculty by way of leadership and fellowship. Only those students who have completed the first two years of their degree course in minimum time shall be eligible for inclusion in the ballot.

Value, $100.

Martin McIlrath Scholarships
In 1946 Martin McIlrath offered the proceeds of the sale of his property, which had been made available for settlement by ex-servicemen, to establish scholarships for students in Veterinary Science and Agriculture.

The scholarships tenable in the first year are awarded on the results of the HSC examination and those in higher years on the results of the annual examinations of the preceding years.

In the award of the scholarships preference is given to ex-servicemen and the sons of ex-servicemen. The scholarships are tenable by men only except in the case of ex-servicewomen.

Each scholarship is tenable for one year and valued at approximately $410. The capital from which the scholarships are paid is held in trust by the Burns Philp Trust Company Limited and the scholarships are awarded by the Trustees on the recommendation of the faculty concerned and after consideration of the question of preferred eligibility.

Theresa G. Makinson Prize
Established in 1972 by the donation of $500 from Miss K. J. Laurence, to establish a prize in memory of her aunt, Theresa Genevieve Makinson, 1885–1939.

Awarded annually on the recommendation of the Professor of Horticulture to the most proficient student in fourth year Horticulture, provided that the candidate's work is of sufficient merit. Value, $50.

F. L. Partridge Prize
Founded in 1928 by a gift of shares from an anonymous donor to establish the 'F. L. Partridge Endowment' in memory of the late F. L. Partridge. The endowment is used to provide a prize in the Faculty of Agriculture in accordance with the following conditions:

(1) The F. L. Partridge Prize shall be awarded to undergraduates in the Faculty of Agriculture who have passed the Second Year examination in that Faculty.

(2) The prize shall be of the annual value of $300 and shall be tenable in the Third and Fourth Years of the agricultural curriculum, provided the holder is diligent and of good conduct and that he passes creditably all the examinations of his course.

(3) The prize will only be awarded to students in such necessitous circumstances that they would have difficulty in completing the agricultural curriculum without some financial assistance.

(4) Where there are two or more candidates who fulfil the last condition the prize will be awarded to the student who at the end of the Second or Third Year has the best academic record.

(5) Any unexpended income shall be used to create a fund for the carrying out of such research work within the Faculty as the Faculty may determine.

(6) Applications for the F. L. Partridge Prize must reach the Registrar before the end of March in each year.

Poultry Husbandry Research Foundation Prize in Animal Husbandry
Established in 1977 by an offer from the Poultry Husbandry Research Foundation of an annual donation for a prize in Animal Husbandry with particular reference to Poultry.

Awarded annually in the Faculty of Agriculture on the recommendation of the Head of the Department of Animal Husbandry to the student enrolled in the fourth year subject Animal Husbandry who achieves the highest proficiency with particular reference to poultry, provided the student's work is of sufficient merit. Value, $250.

Sydney Chinese Association Prize
For details see under Faculty of Science below.

Universities Credit Union Prize in Agricultural Economics
Established in 1982 by the offer of an annual donation by the Universities' Credit Union of $1000 for a maximum period of five years for undergraduate courses in agricultural economics. It is the intention of the donor to reflect the close association of the Universities' Credit Union with the universities by donating prizes in subjects with more general relevance to the work of the Credit Union.

The prize shall be awarded annually on the recommendation of the Head of the Department of Agricultural Economics to the student who shows greatest proficiency in the course Agricultural Economics I, provided the student's work is of sufficient merit. Value $100.

G. W. Walker Memorial Essay Prize
Founded in 1944 and 1945 by amounts of £50 each received from the New South Wales Council of Agriculture Associations, Lindley Walker Wheat Coy Ltd, and the Flour Mill-Owners' Association of New South Wales, as a memorial to George W. Walker.

Awarded annually on the recommendation of the Head of the Department of Agricultural Economics to the student who presents the best essay in the First Year course Agriculture in the Economy, provided the essay is of sufficient merit. Value, $50.

Professor W. L. Waterhouse Prize
In 1953 a sum of £150 was handed to the Senate by the Sydney University Agricultural Graduates' Association as part of subscriptions received in making a presentation to Professor W. L. Waterhouse on his retirement. The money is to be used to establish a prize to perpetuate the name and work of Professor

Waterhouse and to continue the prize donated annually by Professsor Waterhouse during his tenure of the Research Chair of Plant Pathology and Agricultural Botany.

Awarded annually to the most proficient student in third year courses Plant Pathology and Genetics, provided that the candidate's work is of sufficient merit. Value, $50.

Sir Robert Watt Memorial Prize
Established in 1966 by the gift of $500 from Lady Madge Watt and her daughter in memory of the late Emeritus Professor Sir Robert Watt, the first Professor of Agriculture at this University.

Awarded annually on the recommendation of the Head of the Department of Agronomy and Horticultural Science to the most proficient student in the Second Year course Crop Science, provided the candidate's work is of sufficient merit. Value, $50.

Weed Society of New South Wales Prize
Founded in 1971 by the offer of an annual gift from the Weed Society of New South Wales.

Awarded annually on the recommendation of the Head of the Department of Agronomy and Horticultural Science to the most proficient undergraduate student in the course Agronomy (Weed Science) provided that the candidate's work is of sufficient merit. Value, $20.

A. R. Woodhill Prize in Entomology
Established in 1966 by the gift of $1000 from Mrs Woodhill and the colleagues and students of the late Dr A. R. Woodhill.

Awarded annually on the recommendation of the Head of the Department of Plant Pathology and Agricultural Entomology to the most proficient student in the third year course Agricultural Entomology, together with fourth year Agricultural Entomology, provided that the candidate's work is of sufficient merit. Value, $100.

Arthur Yates and Co. Pty Ltd Prize
Two prizes of $50 each awarded annually, the first on the recommendation of the Head of the Department of Agronomy and Horticultural Science to the most proficient student in fourth year Horticulture, provided that the candidate's work is of sufficient merit, and the second on the recommendation of the Head of the Department of Agricultural Genetics and Biometry to the most proficient student in fourth year Agricultural Genetics, provided that the candidate's work is of sufficient merit.

Faculty of Architecture

Association of Consulting Structural Engineers of N.S.W. Prize in Architectural Science
Established by the Association of Consulting Structural Engineers of N.S.W. in 1959.

Awarded annually on the recommendation of the Head of the Department of Architectural Science to the student graduating Bachelor of Architecture, who most distinguishes himself in the subject area Buildings, Structures and Materials, provided that his work is of sufficient merit. Value, $100.

Arthur Baldwinson Memorial Prize
Established in 1970 by an initial gift of $50 from the Dean of the Faculty of Architecture, Professor R. N. Johnson, the prize money in future years to be provided by the School of Architecture, for the purpose of recognising the work done in Australian Architectural History by the late Arthur Baldwinson.

Awarded annually, on the recommendation of the Head of the Department of Architecture, to the student with the best results in research into Australian Architectural History on the area of Design History and Theory, in the honours year, for the degree of Bachelor of Science (Architecture). Value, $50.

James Hartley Bibby Memorial Scholarship
Established in 1961 by the offer of an annual donation of £150 from L. H. Bibby, in memory of his son, James Hartley Bibby, BArch (1958), who died in tragic circumstances in 1960. On Mr Bibby's death in 1967 the scholarship was endowed by the bequest to the University of his residuary estate.

The scholarship, valued at $1000 and tenable for one year is awarded annually by the Department of Architecture to the student qualifying to graduate Bachelor of Science (Architecture), at the pass grade, who has the best record in his final year of studies for the degree provided he is of sufficient merit. The scholar is required to enrol either in the honours year of candidature for the degree of Bachelor of Science (Architecture), or as a candidate for the degree of Bachelor of Architecture, and to attend instruction in the course for the degree selected during the tenure of the scholarship.

Board of Architects of New South Wales Prize
Established in 1951 by an offer from the Board of Architects of New South Wales to donate an annual amount for a prize.

Awarded annually by the Board of Architects of New South Wales to a student graduating Bachelor of Architecture who shows proficiency in a course or courses to be decided by the Faculty. Value, $250.

J. W. and B. K. Elkins Architectural Award
Founded in 1972 by a gift of $5000 from Mrs B. K. Elkins to establish an award in the Faculty of Architecture. The award is made under the following conditions:

(1) The award shall be known as The J. W. and B. K. Elkins Architectural Award.
(2) The object of the award is to enable a student who has completed the requirements for admission to the degree of Bachelor of Science (Architecture), at the Pass Grade, to undertake research, or travel for the purposes of research, in the following year.
(3) The award shall be made annually to a student who has completed the requirements for admission to the degree of Bachelor of Science (Architecture), at the Pass Grade, of the University of Sydney. The award shall be based on the student's academic record within the degree and shall take into account his or her proposals for research, or travel for the purposes of research, as an Honours Year candidate for the degree of Bachelor of Science (Architecture) in the following year.
(4) The award will be made by the Vice-Chancellor on the recommendation of the Dean of the Faculty of Architecture, in consultation with the Head of the School of Undergraduate Studies.
(5) Value, $500.

Esso Prize I and Esso Prize II
Established in 1980 by an offer from Esso Australia Limited to make an annual donation for five years, in the first instance, to establish two prizes to be known as Esso Prize I and Esso Prize II.

The *Esso Prize I* is awarded annually on the recommendation of the Head of the Department of Architectural Science to the most proficient candidate for the Diploma in Building Science (Energy-Conservative Design), provided that the candidate's work is of sufficient merit. Value $150.

The *Esso Prize II* is awarded annually on the recommendation of the Head of the Department of Architectural Science to the candidate for the Diploma in Building Science (Energy-Conservative Design) whose performance in a course within one of the subject areas prescribed for the Diploma is most outstanding, provided that the candidate's work is of sufficient merit. Value $50.

James Hardie Prize
Established in 1958 by an offer of an annual amount for a prize from James Hardie & Company Pty Ltd.

Awarded annually, on the recommendation of the Head of the Department of Architecture, to the student qualifying to graduate Bachelor of Science (Architecture), with the best record in his final year of studies for the degree in courses which are offered by the Department of Architecture within the subject area, Materials, Structures and Methods. Value, $250.

Morton Herman Prize
Established in 1980 by a donation of $2000 from Mr Morton Herman.

Awarded annually on the recommendation of the Head of the Department of Architecture to the student enrolled for a degree or diploma within the Faculty whose performance in the area of building conservation in Australia is most outstanding, provided that the candidate's work is of sufficient merit. Value, $150.

A. S. Hook Memorial Prize
Established in 1964 by an annual donation from the Royal Australian Institute of Architects in memory of Emeritus Professor A. S. Hook, Professor of Architectural Practice and Construction from 1946 to 1951, who died in 1963.

Awarded annually, on the recommendation of the head of the Department of Architecture, to the student graduating Bachelor of Architecture, who most distinguishes himself in courses within the subject Management and Communications, provided that his work is of sufficient merit. Value, $20.

George McRae Prize
Founded in 1924 by a gift of £50 from the Officers of the Department of Public Works to establish an annual prize in the Faculty of Architecture in memory of the late George McRae, formerly Government Architect.

The prize is a book prize with a special bookplate, and is awarded annually on the recommendation of the head of the Department of Architectural Science, to the student graduating Bachelor of Architecture, who most distinguishes himself in the subject area of Environmental Physics and Building Service. Value, $100.

John Stephen Mansfield Prize
Established in 1965 under a bequest of $2000 by the late John Stephen Mansfield to provide a prize for the undergraduate student in the Faculty of Architecture most proficient in the subject of Town and Country Planning.

Awarded annually by the head of the School of Undergraduate Studies in Architecture on the recommendation of the head of the Department of Town and Country Planning to the student graduating Bachelor of Architecture who most distinguishes himself or herself in courses taken in the Department of Town and Country Planning, provided that the student's work is of sufficient merit. Value $150.

Monier Prize
Established in 1959 by the offer of an annual amount from Concrete Industries (Monier) Limited, then called Concrete Industries (Australia) Limited.

Awarded annually on the recommendation of the head of the Department of Architectural Science to the student graduating Bachelor of Science (Architecture) who has shown the greatest distinction in courses in Building Materials in the area Materials, Structures and Methods, provided that his work is of sufficient merit. Value, $250.

Elizabeth Munro Scholarship
Established in 1962 by a bequest of £3000 from the late Mrs Sybil Enid Vera Munro Greenwell in memory of her aunt, Elizabeth Munro.

Awarded by the Faculty of Architecture on the recommendation of the head of the Department of Architecture to the candidate for the degree of Bachelor of Science (Architecture), who has completed courses to a value of at least 85 units with academic distinction, provided that his work is of sufficient merit, and provided that he remains enrolled as a candidate for the degree during the tenure of the scholarship. Value, $750.

Ormonoid Prize
Established in 1954 by the offer of an annual amount for a prize from Ormonoid Roofing and Asphalts Ltd.

Awarded annually on the recommendation of the Dean of the Faculty of Architecture to the student graduating Bachelor of Architecture who presents the best solution to a selected problem in his final year of studies for the degree, provided that the solution is of sufficient merit. Value, $52.50.

Philips Lighting Prize
Awarded annually on the recommendation of the head of the Department of Architectural Science to a candidate for a degree or diploma in the Faculty of Architecture who has completed an illumination course or courses and who demonstrates the greatest proficiency in one or more of such of those courses as the head of the department shall determine at the commencement of each year, provided that the candidate's work is of sufficient merit. Value, $100.

Royal Australian Institute of Architects N.S.W. Chapter Prize
Established in 1948 by the offer of an annual prize by the New South Wales Chapter of the Royal Australian Institute of Architects.

Awarded annually on the recommendation of the head of the Department of Architecture to the candidate qualifying to graduate Bachelor of Architecture who has the best record in the formal courses of study for the degree provided he is of sufficient merit. The prize consists of a certificate and a cash payment of $250.

Ruskin Rowe Prize for Architecture
Established in 1979 under the Will of the late Mrs Vera Elizabeth Ruskin Rowe in memory of her late husband, Harold Ruskin Rowe, a distinguished Sydney architect. The prize is paid from the income of a trust fund of $4000 administered by the trustees of her estate.

Awarded annually by the Faculty of Architecture on the recommendation of the professors in the Department of Architecture, to a candidate for the degree of Bachelor of Architecture who on graduation demonstrates general meritorious work during the whole degree course, provided that the candidate's work is of sufficient merit. Annual value about $450.

Stephenson-Turner Scholarship
Donated by Messrs Stephenson and Turner, Architects, and established by Sir Arthur Stephenson under the following conditions:

(1) The Stephenson-Turner Scholarship shall consist of a medal and the sum of $300, and shall be awarded annually so long as the donor makes provision for that purpose.

(2) The scholarship shall be awarded by the Faculty of Architecture to the candidate for the degree of Bachelor of Architecture who, in addition to having completed courses to a value of at least 45 units with academic distinction, shows most evidence of possessing qualities of character and leadership and, in particular, being likely to develop a high sense of professional responsibility and ethics.

(3) The award shall be made to the student irrespective of any other awards held by the student.

(4) The money shall be payable at the discretion of the Faculty, either before or after qualification for admission to the degree.

Sir John Sulman Prize
Founded in 1929 by a gift of £200 from Sir John Sulman, lecturer in Architecture for twenty-five years (1887–1912), for the study of the Rational Design of Modern Structures.

A book prize to be awarded annually on the recommendation of the head of the Department of Architecture to the student graduating Bachelor of Architecture who has the best record in the subject area Architectural Design. Value, $100.

C. H. L. Turner Memorial Prize
Established in 1963 by a gift of £200 from Mr and Mrs A. H. Turner of Vaucluse, in memory of their son, Christopher Hugh Lempriere Turner.

The prize, consisting of books, is awarded annually on the recommendation of the head of the Department of Architecture, to the candidate for the degree of Bachelor of Architecture who presents the best solution to a selected problem in the course 916.102 Architectural Design 2. Value, $90.

Leslie Wilkinson Prize
Established in 1948 by a gift of £80 from the Sydney University Architectural Society.

Awarded annually on the recommendation of the head of the Department of Architecture to the student qualifying to graduate Bachelor of Science (Architecture) who has the best record in History courses within the subject area Design, History and Theory, provided that his work is of sufficient merit. Value, $50.

Faculty of Arts

Wigram Allen Scholarship, No. II[1]
Awarded to the most distinguished student entering the Law School on graduation in the Faculty of Arts, or, if there is no such graduate of sufficient merit, then to the most distinguished student entering the Law School on passing the second year in the Faculty of Arts. Value, $100, tenable for one year.

Ian David Armfield Memorial Prize
Established in 1973 by a gift of $400 from the friends of the late Ian David Armfield in his memory.

Awarded annually on the joint recommendation of the heads of the Departments of German and French to an honours student in the third year in the Department of French and/or the Department of German for meritorious performance in language work. If possible it will be awarded to a student enrolled in both the French and German third year honours courses. Value, $35.

Margaret Ann Bailey Memorial Prize
Founded in 1957 by a donation of £250 from subscribers to an appeal for funds to establish a prize in memory of the late Miss M. A. Bailey, formerly Principal of Ascham School. Awarded under the following conditions:

(1) The Margaret Ann Bailey Memorial Prize shall be awarded to the woman candidate who most distinguishes herself in the final Honours Year in any modern foreign European language.

(2) The prize shall be awarded annually, provided there is a candidate of sufficient merit, by a committee consisting of Heads of Departments of the modern foreign European languages within the Faculty of Arts. Value, $75.

Pitt Cobbett Scholarship[1]
Established in 1939 by a bequest of £2130 2s. 4d. from the late Professor Pitt Cobbett.

Awarded to the most distinguished graduate in Arts entering the Faculty of Law and in need of financial assistance. If there is no Arts graduate of sufficient merit, the scholarship may be awarded to the most distinguished student entering the Law School on passing the second year examination in the Faculty of Arts. Candidates must submit satisfactory evidence of their need of financial assistance. Value, $80, for one year.

Audrey Lillian Cruse Prize
For conditions of award see under *Archaeology* in this section.

Konstantin Gawrilow Scholarship
For conditions of award see under *Undergraduate scholarships and prizes*.

Max Le Petit Memorial Prize
Established in 1948 by a gift of £200, from G. Le Petit, for two annual prizes in memory of his son. One is awarded to the best student in Greek IB, provided that the candidate's work is of sufficient merit. The other is awarded to the best honours student in the Classical section of the Archaeology II class. Value, $50 each.

[1] Under review.

Faculty of Dentistry

Professor A. J. Arnott Prize
In 1965 the Dental Alumni Society of the University donated £150 to endow a fund so that the prize previously made available by Professor A. J. Arnott might be continued.

Awarded annually to a student in the final year of the course for the degree of Bachelor of Dental Surgery for proficiency in Oral Surgery. Value, $30.

Percy A. Ash Prize
Donated by Mr W. P. Ash, QC.

Awarded annually to a student in the third year of the course for the degree of Bachelor of Dental Surgery for proficiency in Operative Dentistry. Value, $15.

Australian Society of Endontology, New South Wales Branch, prize for Clinical Proficiency in Endodontics
Established in 1972 by the offer of an annual donation by the Endodontic Society of N.S.W.

Awarded annually to a student in the final year of the course for the degree of Bachelor of Dental Surgery for clinical proficiency in Endodontics. The prize will be awarded on the recommendation of the head of the Department of Operative Dentistry. Value, $50.

Australian Society of Periodontology Prize
Donated by the Australian Society of Periodontology.

Awarded annually to a student in the final year of the course for the degree of Bachelor of Dental Surgery for proficiency in Periodontics. The prize is in the form of a medal.

B. C. W. Barker Medal
Established in 1983 by the offer of Mr and Mrs D. Barker to provide funds to establish an annual medal in the Faculty of Dentistry in memory of their son, Dr B. C. W. Barker. Dr Barker joined the staff of the University of Sydney as a lecturer in Operative Dentistry in 1960, was promoted to Senior Lecturer in Dental Anatomy in 1963 and to Associate Professor in Dental Anatomy in 1972.

The medal may be awarded annually on the recommendation of the Dean of the Faculty of Dentistry to the candidate for the degree of Bachelor of Dental Surgery who demonstrates greatest proficiency in Anatomy in the second year, provided that the candidate's work is of sufficient merit.

The prize shall be in the form of a medal.

Richard Belitho Bush Memorial Prize
Founded in 1969 by a bequest of $2000 from the late Richard Belitho Bush.

Awarded annually to a student studying Dentistry at the University, such prize to be awarded at the discretion of the Dean of the Faculty of Dentistry. Value, $175.

G. S. Caird Scholarship
Founded in commemoration of the late G. S. Caird.

Awarded annually at the second year examinations for the degree of Bachelor of Dental Surgery for proficiency in Prosthetic Dentistry. Value, $155.

Leslie Raymond Carroll Prize
Founded in 1926 by a gift of £50 from the Dental Undergraduates' Association to establish a prize in memory of Leslie Raymond Carroll, who died during the fourth year of his course.

Awarded annually at the fourth year examinations for the degree of Bachelor of Dental Surgery for proficiency in Prosthetic Dentistry. The prize will be in the form of a silver medallion.

Dr P. C. Charlton Prize
Founded in 1953 by a bequest of £175 from the late Percie Chater Charlton.

Awarded annually to a student in the fourth year of the course for the degree of Bachelor of Dental Surgery for proficiency in Pharmacology and Therapeutics. Value, $48.

Dr Lothian G. Crane Prize
Established in 1960 by the gift of £100 from the late Dr L. G. Crane. The fund was increased in 1981 by a further gift from Mrs I. C. Crane, to continue the prize in memory of her husband.

Awarded annually to a student in the Third Year of the course for the degree of Bachelor of Dental Surgery for proficiency in Pathology. This prize shall take the form of a medal.

H. J. V. Cusack Memorial Prize
Established in 1962 by the gift of £1000 from Mrs C. M. Quinton.

Awarded annually to a student in the fourth year of the course for the degree of Bachelor of Dental Surgery for proficiency in Operative Dentistry. Value, $200.

Dental Alumni Society Prize I
Donated by the Dental Alumni Society of the University.

Awarded annually to a student in the fifth year of the course for the degree of Bachelor of Dental Surgery for proficiency in Pedodontics. The prize shall take the form of a medal.

Dental Alumni Society Prize II
Donated by the Dental Alumni Society of the University.

Awarded annually to a student in the third year of the course for the degree of Bachelor of Dental Surgery for proficiency in pre-clinical Operative Dentistry. The prize shall take the form of a medal.

Dental Alumni Society Prize III
Donated by the Dental Alumni Society of the University.

Awarded annually to a student in the first year of the course for the degree of Bachelor of Dental Surgery for proficiency in Biology. The prize shall take the form of a medal.

Dental Alumni Society Prize IV
Donated by the Dental Alumni Society of the University.

Awarded annually to a student in the second year of the course for the degree of Bachelor of Dental Surgery for proficiency in Histology and Dental Histology. The prize shall take the form of a medal.

Dental Alumni Society Prize V
Donated by the Dental Alumni Society of the University.

Awarded annually to a student in the fourth year of the course for the degree of Bachelor of Dental Surgery for proficiency in Clinical Prosthetic Dentistry. The prize shall take the form of a medal.

Dental Board of N.S.W. Prizes (2)
Donated by the Dental Board of New South Wales.

These prizes have been awarded each year since 1947 to a student in the first year and a student in the second year of the course for the degree of Bachelor of Dental Surgery for general proficiency. Value, $100 each.

Edmond Charles Gates Memorial Prize
Established in 1957 by the offer of an annual donation by the Australian Society of Orthodontists (N.S.W. Branch) in honour of the late Dr E. C. Gates.

Awarded annually to a student in the final year of the course for the degree of Bachelor of Dental Surgery for proficiency in Orthodontics. The prize shall take the form of a medal.

Goldsworthy-Sullivan Memorial Prize
Established in 1962 by a donation of £360 from the Dental Alumni Society of the University to endow a prize in memory of Dr N. E. Goldsworthy, Director of the Institute of Dental Research, and Dr H. R. Sullivan, Assistant Director of the Institute, who both died in 1960.

Awarded annually on the recommendation of the Dean of the Faculty of Dentistry to the final year student for the degree of Bachelor of Dental Surgery who has been most proficient in the field of Oral Biology over the entire degree course, provided the student's work is of sufficient merit. The prize shall take the form of a medal.

W. Alan Grainger Memorial Prize
Donated by Mrs E. Grainger in memory of her husband, W. A. Grainger, MDS.

Awarded annually to a student in the fourth year of the course for the degree of Bachelor of Dental Surgery for proficiency in Ceramics. Value, $200.

David Stanley Hall Memorial Prize
Established in 1971 by a gift of $500 from Mrs E. Hall in memory of her husband, the late David Stanley Hall. To be awarded annually for ten years on the basis of proficiency in Prosthetic Dentistry at the final examinations. Value, $50.

John Stephen Hill Memorial Prize
Founded in 1965 by a donation of £582 15s. from a fund established by the Australian Dental Association (New South Wales Branch) to endow a prize in memory of the late Dr J. S. Hill.

Awarded for proficiency in Clinical Operative Dentistry in the final year of the course leading to the degree of Bachelor of Dental Surgery. Value, $120.

Richard M. Howe Prize in Anatomy for Dental Prosection
Awarded first in 1967 and established in 1968 by the offer of an annual donation from Richard M. Howe, BDS.

Awarded to a student for the best prosection in the second year of the course for the degree of Bachelor of Dental Surgery, subject to the student's performance in the Second Year examination in Anatomy being of sufficient merit. If two or more prosectors are of equal merit, the prize may be shared. Value, $300.

Dr Haddon Kemp Prize
Established in 1935 by the offer of an annual donation from Dr Haddon Kemp to promote excellence in Regional Anaesthesia.

Dr Haddon Kemp was a lecturer in Local Anaesthesia at the University from 1935 to 1946 and from 1956 to 1975. He lectured in Local Anaesthesia at the University of Queensland from 1947 to 1955. He was Superintendent of the United Dental Hospital from 1934 to 1946 and practised as a specialist oral surgeon, first in Brisbane and then in Sydney, from 1946 to 1976.

The prize is awarded annually on the recommendation of the head of the Department of Oral Surgery to the student in the final year of the Bachelor of Dental Surgery course who shows the greatest proficiency in Regional Anaesthesia, provided the student's work is of sufficient merit. Value, $25.

K. P. Mackinnon Prize
Established in 1959 by the offer of an annual donation of $10.50 from Mrs M. Mackinnon to establish a prize in memory of her husband, the late Associate Professor Mackinnon.

Awarded annually to a student in the final year of the course for the degree of Bachelor of Dental Surgery for proficiency in Clinical Prosthetic Dentistry. Value, $10.50.

Dr Everett Magnus Memorial Prize
Donated by the Dental Board of New South Wales.

Awarded annually to a student in the fourth year of the course for the degree of Bachelor of Dental Surgery for proficiency in Oral Surgery. Value, $100.

Frank Marshall Prize
Established in 1950 by a gift of £338 9s. 6d. from the Australian Dental Association, New South Wales Branch, in recognition of the dental services rendered by Colonel Frank Marshall, CMG, during World Wars I and II.

Awarded annually to an ex-service student or the child of an ex-serviceman in the third year of the course for the degree of Bachelor of Dental Surgery for proficiency in the subjects of the third year examinations. Value, $100.

Dr Henry Bruce Maxwell Prize
Established in 1957 by a gift of £100 from the beneficiaries in the estate of the late Henry Bruce Maxwell as a memorial to Dr Maxwell.

Awarded annually to a student in the final year of the course for the degree of Bachelor of Dental Surgery for proficiency in Operative Dentistry. Value, $28.

Winifred Nettie Ockenden Bequest
Founded in 1970 by a bequest of $400 from the late E. E. M. Ockenden to establish the Winifred Nettie Ockenden Bequest in memory of her sister, the late Winifred Nettie Ockenden. The conditions applying to the bequests are as follows:

(1) The Winifred Nettie Ockenden Bequest shall be used to provide short-term loans to male and/or female undergraduates in any Faculty in the University of Sydney, except that preference may be given to students in the Faculty of Dentistry.
(2) The maximum amount for an individual loan shall normally be $50.
(3) Subject to the discretion of the Secretary, loans shall be interest free.
(4) Repayment periods of loans may vary but shall usually be short.
(5) Applications should be made to the Scholarships Section of the Registrar's Office.
(6) These conditions may be varied from time to time as the Senate thinks fit.

W. J. D. Partridge Memorial Scholarship
Established by gifts from W. E. G. Partridge of £50 and £500 in 1939 and a further £500 in 1940.

Awarded annually at the third year examinations for the degree of Bachelor of Dental Surgery for proficiency in the subjects of the third year examinations. Value, $290.

Port Dental Laboratories Prize in Restorative Dentistry
Established in 1979 by G. H. Port Dental Laboratories Pty Ltd by the offer of an annual donation of $250.

Awarded annually on the recommendation of the Dean of the Faculty of Dentistry acting on the advice of the heads of the Departments of Operative and Prosthetic Dentistry to the final year candidate for the degree of Bachelor of Dental Surgery who shows the greatest proficiency in the subjects Operative Dentistry and Prosthetic Dentistry, provided that the candidate's work is of sufficient merit. Value, $250.

Brigadier Gordon Rowell Prize
Donated by Brigadier A. Gordon Rowell, CBE, ED, QHDS.

Awarded annually to a student in the final year of the course for the degree of Bachelor of Dental Surgery for proficiency in Preventive Dentistry. Value, $90.

Royal College of Surgeons Dental Society of Australia Prize
Established in 1964 by a donation from the Royal College of Surgeons Dental Society of Australia.

Awarded annually to a student in the second year of the course for the degree of Bachelor of Dental Surgery for proficiency in the Basic Sciences (i.e., Anatomy, Physiology, Biochemistry, and Histology). The prize is in the form of a medal.

Society of Oral Surgeons of New South Wales Medallion
Established in 1968 by an offer from the Society of Oral Surgeons of New South Wales of an annual donation for a prize in the form of a medallion.

Awarded annually on graduation for proficiency in Clinical Oral Medicine and Oral Surgery during the fourth and fifth years of the course of the degree of Bachelor of Dental Surgery.

Roy C. Underwood Prize
Established in 1964 by a gift of £500 from Roy C. Underwood to provide a prize of £50 per annum.

Awarded to a student in the fourth year of the course for the degree of Bachelor of Dental Surgery for an essay on Dental Materials. Value, $100.

Dr John H. Wilson Prize
Donated by Mrs E. Wilson.

Awarded annually to a student in the third year of the course for the degree of Bachelor of Dental Surgery for proficiency in Prosthetic Dentistry. Value, $45.

R. Morse Withycombe Prize
Donated by G. Morse Withycombe, BDS, to honour the memory of his father.

Awarded annually to a student in the final year of the course for the degree of Bachelor of Dental Surgery for proficiency in Clinical Periodontics. Value, $50.

Board of Studies in Divinity

Rachel McKibbin Prize
Established in 1964 by a bequest of £275 from the late Miss Rachel McKibbin.

The prize is awarded annually by the Board of Studies in Divinity to the best candidate at the completion of the second year examination for the degree of Bachelor of Divinity, if of sufficient merit. Value, $100.

Faculty of Economics

Frank Albert Prizes
Founded in 1958 by a gift of £500 from Frank Albert of Sydney.

Three annual prizes are awarded for proficiency at the annual examinations in the Faculty of Economics, one for each of the first, second, and third years of the degree. Value, $35.

Australian Institute of Political Science Prize in Government I
Established in 1980 by a donation from the Australian Institute of Political Science for a prize in Economics.

The prize is to be awarded annually by the Faculty of Economics to the most proficient student in the course Government I. Value, $50.

Australian Society of Accountants (N.S.W. Division) Prizes
Three prizes of $40, $40 and $70, awarded annually by the Australian Society of Accountants (N.S.W. Division) for each of the subjects Accounting I, II, and III respectively.

The prizes are awarded on the results of the annual examinations to the most successful candidate, if of sufficient merit, who is following a regular degree course in the Faculty of Economics.

Sir Alexander Beattie Prizes
Established in 1982 by the donation of $2115 by the Sir Alexander Beattie Testimonial Dinner Committee for prizes for students of Industrial Relations and Industrial Law.

Sir Alexander Beattie Prize in Industrial Relations
Awarded annually on the recommendation of the head of the Department of Industrial Relations to the candidate for the degree of Bachelor of Economics enrolled in the course Industrial Relations II Normal or Industrial Relations II Advanced who shows greatest proficiency in the elective 'The Historical Development of Industrial Relations', provided the candidate's work is of sufficient merit. Value, $100.

Mary Beddie Scholarships
Founded in 1959 by a bequest of about £2500 from the late Mary Beddie.

The scholarships are awarded under the following conditions:

(1) The scholarships shall be the Mary Beddie Scholarship No. I and the Mary Beddie Scholarship No. II.

(2) The Mary Beddie Scholarship No. I, annual value of $100, is awarded to the woman candidate for the BEc degree (if of sufficient merit) with the best results in Economic History II, provided she proceeds to Economic History III.

(3) The Mary Beddie Scholarship No. II, annual value of $200, is awarded to the woman candidate for the BEc degree (if of sufficient merit) with the

best results in Economic History III, provided she proceeds to the Honours Year in Economic History.

(4) The awards will be made by the Head of the Department.

Emeritus Professor F. A. Bland Prize

For conditions of award see under *Government* in this section.

Dr Mary Booth Scholarship

Established in 1961 by the gift of £3670 from the Memorial College of Household Arts and Science (In Liquidation) the income from which is to be used for the purpose of scholarships known as the Dr Mary Booth Scholarships.

Awarded annually to women candidates for the Bachelor of Economics degree on the basis of their performance in Economics in first and second year, the scholarship to be held in the third and fourth years of the degree. Value, $700 per annum.

S. J. Butlin Memorial Prizes

Established in 1978 by colleagues and friends of the late Emeritus Professor S. J. Butlin at the Australian National University for the award of scholarly prizes in his memory at the University of Sydney.

S. J. Butlin Memorial Prize No. 1

Awarded annually on the recommendation of the head of the Department of Economic History to the student in the Faculty of Economics whose work is judged by the head of the department to be the best of those who attain high distinction standard in undergraduate coursework in Australian economic history other than in the final honours year. Value, $250.

S. J. Butlin Memorial Prize No. 2

Awarded annually on the recommendation of the head of the Department of Economic History to the final honours year student in the Faculty of Economics who attains the highest mark for the final honours year thesis in Australian economic history, provided that mark is at first class honours standard. Value, $250.

G. S. Caird Scholarship

Awarded to the student in the Faculty of Economics who, on passing the second year examination, shows the greatest proficiency in the subject of Economics. Value, $150, tenable for one year.

Chamber of Commerce Prize

The Sydney Chamber of Commerce offers a prize of $20 to the best student graduating in the Faculty of Economics and specialising in commercial subjects.

Commonwealth Bank Scholarships

Established in 1951 by a gift of £11 500 from the Commonwealth Bank of Australia. There are two types of scholarships awarded, (1) Graduate Scholarships and (2) Undergraduate Scholarships.

1. For graduate scholarships, see under *Graduate Scholarships and Prizes, Faculty of Economics*.

2. The undergraduate scholarships are awarded under the following conditions:

(1) The scholarships shall be awarded by the Faculty of Economics.

(2) The scholarships are tenable for one year in the University of Sydney in the Fourth Year of the undergraduate course of the Bachelor of Economics degree, or in the Fourth Year of the undergraduate course for the Bachelor of Arts degree. The value of the scholarships shall normally be $200, but the Faculty may, in special circumstances, award such lesser amount as it determines.

(3) The scholarships may be awarded to undergraduates in the Faculty of Economics or the Faculty of Arts who are proceeding to Honours in Economics, Economic Statistics, Economic History, Accounting, Industrial Relations or Government.

(4) The scholarships may be awarded either to a day or evening student or a full-time or part-time student, but shall only be held by a student proceeding as a full-time day student.

(5) In any year more than one scholarship may be awarded.

Coopers and Lybrand Prize in Accounting

Established in 1980 by an annual donation of $200 from Coopers and Lybrand Chartered Accountants, to provide a prize in the Department of Accounting.

The prize is awarded annually to the candidate who has qualified for the award of the degree of Bachelor of Economics including the courses Accounting I, Accounting II and Accounting III and has most distinguished himself or herself in those courses, provided the candidate's work is of sufficient merit. Value, $200.

Corporate Affairs Commission Prize in Law II (Department of Accounting)

Established in 1979 by the offer of an annual donation of $100 from the Corporate Affairs Commission Benevolent Trust.

Awarded annually in the Faculty of Economics to an undergraduate enrolled as a candidate for the degree of Bachelor of Economics who demonstrates the greatest proficiency in the course Law II in the Department of Accounting if the candidate's work is of sufficient merit. Value, $100.

Donald George Crew Memorial Prize

Founded by Mr and Mrs L. E. Crew, in memory of their son, Donald George Crew, a graduate in the Faculty of Economics, who was accidentally killed soon after completing his degree. The prize is awarded under the following conditions:

(1) The prize shall be known as the Donald George Crew Memorial Prize, and shall be of the annual value of $10.

(2) The prize shall be awarded annually to the student in the Faculty of Economics who shall be the most distinguished in the subject of Economics III, provided the student's work is of sufficient merit.

Donald George Crew Memorial Prize for Officers of the Commonwealth Banking Corporation and of the Reserve Bank of Australia

Founded by Mr and Mrs L. E. Crew, in memory of their son, Donald George Crew, a graduate in the Faculty of Economics and an officer of the Commonwealth Bank, who was accidentally killed soon after completing his degree. The prize is awarded under the following conditions:

(1) The prize shall be known as the Donald George Crew Memorial Prize for Officers of the Commonwealth Banking Corporation and of the Reserve Bank of Australia and shall be of the annual value of $10.

(2) The prize shall be awarded annually to the student in the Faculty of Economics who is an officer of the Commonwealth Banking Corpor-

ation or of the Reserve Bank of Australia and who shall be the most distinguished in the courses for the Third Year of the degree of Bachelor of Economics, if of sufficient merit.

Crooks Michell Peacock Stewart Pty Ltd Prize
Established in 1974 with a donation from Messrs Crooks Michell Peacock Stewart Pty Ltd, Engineers, Architects and Planners.

Awarded annually by the Dean of the Faculty of Economics on the recommendation of the head of the Department of Economic Statistics to the most proficient student in the course SNS04 Operations Research provided that the student is of sufficient merit. Value, $50.

Geoffrey Dale Prize
Established in 1968 by a bequest of $200 from the late Geoffrey Dale, one-time Registrar of the University.

Awarded for proficiency at the annual examinations in the Faculty of Economics for the third year of the degree. Value, $20.

Economic Research Society's Prize
Founded in 1924 by a gift of £40, being the unused funds of the Economic Research Society handed to the University on the termination of the Society's activities.

Awarded annually to the degree student in Economics who most distinguishes himself at the first year examination. Value, $30.

Economic Society Prize in Economics
Awarded annually by the Economic Society of Australia and New Zealand (New South Wales Branch) on the recommendation of the Head of the Department of Economics to the final honours year candidate in the Department of Economics who most distinguishes himself or herself, provided the candidate's work is of sufficient merit.

Value, $100, together with three years' membership of the Economic Society of Australia and New Zealand.

Economics Graduates' Association Prizes
Established in 1963 by the offer of an annual donation of $20 from the University of Sydney Economics Graduates' Association, and by the further offer in 1969 of an annual donation of $20. Two prizes awarded annually to the students graduating as Bachelor of Economics who have most distinguished themselves throughout their courses, provided they are of sufficient merit.

One prize is awarded for performance in Economics and the other is normally awarded for work in one of the other schools of the Faculty. Value, $20 each.

Esso Scholarship in Accounting
Established in 1982 by an offer from Esso Australia Limited of an annual donation of at least $500 for a minimum period of five years for a scholarship for students in Accounting.

(1) The name of the Scholarship shall be the Esso Scholarship in Accounting.
(2) The object of the Scholarship is to encourage excellence in the study of Accounting and to assist undergraduates to complete such studies.
(3) The value of each Scholarship shall be $500.
(4) The Scholarship shall be awarded by the Faculty of Economics on the recommendation of a committee consisting of the Dean of the Faculty of Economics, the Professors of Accounting, the Head of the Department of Accounting, and a representative of Esso Australia Ltd.

Evening Students' Association Prizes[1]
In 1942 the Evening Students' Association made a gift of £100 to provide three annual prizes for evening students. The association had previously made an annual gift for the payment of the prizes.

One prize is awarded annually to a part-time student for proficiency in Economics III. Value, $15.

Federated Ironworkers' Association Prize in Industrial Relations
The Federated Ironworkers' Association of Australia has agreed to donate an annual prize for ten years. The conditions of award are as follows:

(1) The prize shall be known as The Federated Ironworkers' Association Prize in Industrial Relations and shall be of the annual value of $75.
(2) The prize shall be awarded annually on the recommendation of the head of the Department of Industrial Relations to the student proceeding to the degree of Bachelor of Economics who shall be the most distinguished in Industrial Relations, if of sufficient merit.

John Kenneth Galbraith Prize
Established in 1976 by a donation from Associate Professor E. L. Wheelwright to honour a distinguished economist.

Awarded annually to the best candidate in Economics II (P), provided the student's work is of sufficient merit. Value, $50.

Hungerford, Hancock and Offner Prize
Established in 1968 by an offer from Messrs Hungerford, Hancock and Offner, Chartered Accountants, for an annual donation of $50 for at least ten years.

Awarded annually to the candidate, who most distinguishes himself or herself in Accounting III Advanced, provided the candidate's work is of sufficient merit. Value, $100.

Hungerford, Hancock and Offner Prize in Taxation Law
Established in 1976 by an offer from Hungerford, Hancock and Offner, Chartered Accountants, to donate a minimum of $50 annually for at least five years.

Awarded annually in the Faculty of Economics on the recommendation of the Head of the Department of Accounting to the candidate for the degree of Bachelor of Economics who is most distinguished in the course Taxation Law, if of sufficient merit and not a recipient of any other prize in that course. Value, $100.

Ivo Whiston Kerr Memorial Prize
Established in 1967 by a bequest of $400 from the late Ivo Whiston Kerr.

Awarded annually to a student in the Faculty of Economics for the best essay work in Accounting I. Value, $40.

A. M. Magoffin Memorial Prize
Established in 1972 in memory of Ann Margaret Magoffin, a graduate in the Faculty of Economics and for many years a prominent member of the Australian Society of Accountants. The prize fund was the result of an appeal made at the instigation of the Women

[1] Currently under review.

Members' Group of the New South Wales Division of the Australian Society of Accountants.

The prize is awarded annually to the student in the Faculty of Economics who is most distinguished in the course Taxation Law, provided the student:

(1) is of sufficient merit and

(2) has completed or enrols in the following year in the course Accounting III. Value, $150.

Gunnar Myrdal Pize

Established in 1978 by a donation from Associate Professor E. L. Wheelwright to honour a distinguished economist.

Awarded annually on the recommendation of the head of the Department of Economics to the student who performs best in the final honours year of the subject Economics amongst those who completed Economics II (P), provided the student's work is of sufficient merit. Value, $50.

Arthur Oakes Memorial Prize

Founded in 1916 by a gift of £76 from subscribers to a memorial of Arthur Wellesley Oakes, MA, who was killed on active military service.

Awarded to the student with the best results in the annual examination in the History of Economic Thought. Value, $100.

Public Service Association of New South Wales—John S. D'Arcy Memorial Prizes

Founded in 1931 by a gift of £430 from the Public Service Association of New South Wales for the purpose of establishing a permanent memorial to the late John S. D'Arcy. The money has been entrusted to the Senate to establish from the income thereof a prize or prizes in the course of Government until such time as a scholarship in that course may be awarded from the fund; such scholarship to be restricted to students undergoing the course of Government at the University, and such prizes or scholarships to be entitled the Public Service Association of New South Wales —John S. D'Arcy Memorial Prize or Scholarship, as the case may be; the donation to be made on the understanding that the Association may increase the capital at any time.

Present conditions of award:

(1) A prize of $50 to the student who is most distinguished at the annual pass examination in Government II, if of sufficient merit.

(2) A prize of $50 to the student who obtains first place in the distinction list of Government II.

(3) A prize of $50 to the student who is most distinguished at the annual pass examination in Government III, if of sufficient merit.

(4) As for (2), but in Government III.

G. C. Remington Prize

For conditions of award see under *Government* in this section.

Joan Robinson Prize

Established in 1976 by a donation from Associate Professor E. L. Wheelwright to honour a distinguished economist.

Awarded annually to the best candidate in Economics I(P), provided he is of sufficient merit. Value, $50.

Randolph G. Rouse Prize

Established in 1954 by the offer of an annual sum of £5 from Randolph G. Rouse.

Awarded to the fourth year student in the Faculty of Economics who shows the greatest proficiency in the subject of Economics at graduation. Value, $40.

Shell Prize in Government

For conditions of award see under *Government* in this section.

Statistical Society of Australia (N.S.W. Branch) Prize in Economic Statistics

A prize of $50 and one year's free membership of the Society donated by the Statistical Society of New South Wales.

Awarded annually in the Faculty of Economics to the final year student whose work in Statistics shall, in the opinion of the Head of the Department, be considered the best throughout the course, provided the candidate is of sufficient merit.

Paul Sweezy Prize

Established in 1978 by a donation from Associate Professor E. L. Wheelwright to honour a distinguished economist.

Awarded annually on the recommendation of the head of the Department of Economics to the student who performs best in Economics III or Economics III Advanced amongst those who completed Economics II(P), provided the student's work is of sufficient merit. Value, $50.

Universities Credit Union Prizes

Established in 1982 by the offer of an annual donation from the Universities Credit Union, as a reflection of the close association between the University and the Credit Union, for prizes to be awarded for undergraduate study in Accounting, Economics and Finance.

Universities Credit Union Prize in Accounting

Awarded annually on the recommendation of the head of the Department of Accounting to the candidate for a bachelor's degree who concurrently completes Accounting I and Law I and who demonstrates greatest overall proficiency in those courses, provided the candidate's work is of sufficient merit. Value, $100.

Universities Credit Union Prize in Economics

Awarded annually on the recommendation of the head of the Department of Economics to the candidate for a bachelor's degree who demonstrates greatest proficiency in the course Economics III Advanced, provided the candidate's work is of sufficient merit. Value, $100.

Universities Credit Union Prize in Finance

Awarded annually on the recommendation of the head of the Department of Economics to the candidate for a bachelor's degree who demonstrates greatest proficiency in the fourth year honours course in Finance in the Department of Economics, provided the candidate's work is of sufficient merit. Value, $100.

Faculty of Engineering

Abbott Laboratories Prize

Established in 1969 by the offer of an annual gift from Abbott Laboratories Pty Ltd.

Awarded annually on the recommendation of the head of the Department of Chemical Engineering to the candidate for the degree of Bachelor of Engineering in Chemical Engineering with the most distinguished performance in the senior advanced year in

the subject Biochemical Engineering, provided the candidate's work is of sufficient merit. Value, $100.

Ampol Petroleum Limited Prize in Chemical Engineering
Established in 1978 by the offer from Ampol Petroleum Limited for an annual prize of $200 for a period of five years. In 1983 the Company offered to support the prize for a further five years.

Awarded annually on the recommendation of the head of the Department of Chemical Engineering to the candidate whose work he considers to have shown the most improvement from among candidates in the Intermediate, Senior or Senior Advanced Year for the degree of Bachelor of Engineering in Chemical Engineering, provided that the candidate's work is of sufficient merit. Value, $200.

Association of Consulting Structural Engineers of New South Wales Prizes No. I and No. II in Civil Engineering
Established in 1964 by the offer of an annual gift from the Association of Consulting Structural Engineers of New South Wales.

Awarded annually, on the recommendation of the head of the Department of Civil Engineering, to the candidates for the degree of Bachelor of Engineering in Civil Engineering who show the greatest proficiency in the courses of study in Structural Design and Civil Engineering Design in their third and fourth years of enrolment, respectively, provided that their work is of sufficient merit. Value, $80 (Prize No. I) and $120 (Prize No. II).

ARC Engineering Pty Ltd Prize
Established in 1965 by the offer of an annual gift from ARC Engineering Pty Ltd. Awarded annually on the recommendation of the head of the Department of Civil Engineering to the candidate for the degree of Bachelor of Engineering who shows the greatest proficiency in studies related to reinforced concrete, provided the work is of sufficient merit. Value $100.

R. L. Aston Prize
Founded in 1967 by a gift of $845 from subscribers to an appeal sponsored by the Civil Engineering Graduates' Association of the University, as a tribute to Dr R. L. Aston, formerly Associate Professor of Geodesy and Surveying and a member of staff for thirty-seven years.

Awarded annually to the student who shows the greatest proficiency in Surveying in the Bachelor of Engineering degree course. Value, $85.

Australian Gas Light Company Prize in Chemical Engineering
Established in 1978 by the offer from the Australian Gas Light Company for an annual prize of $200 for a period of five years.

Awarded annually on the recommendation of the head of the Department of Chemical Engineering to the Intermediate Year candidate for the degree of Bachelor of Engineering in Chemical Engineering whose work demonstrates the most proficiency, provided the candidate's work is of sufficient merit. Value, $200.

Australian Oil Refining Pty Limited Prize in Chemical Engineering
Established in 1978 by the offer from Australian Oil Refining Pty Limited for an annual prize of $100 for a period of ten years.

Awarded annually on the recommendation of the head of the Department of Chemical Engineering to the Senior Year candidate for the degree of Bachelor of Engineering in Chemical Engineering whose work demonstrates proficiency, provided that the candidate's work is of sufficient merit. Value, $100.

Bradfield Memorial Prize
Founded in 1945 by a gift of £150 from the Institution of Engineers to establish a prize in memory of the late Dr J. J. C. Bradfield.

Awarded annually to the most distinguished student graduating with first class honours in Civil Engineering. The award is made on the recommendation of the head of the Department of Civil Engineering. Value, $50.

V. M. Brooker Commercial Broadcasting Memorial Prize
Founded in 1950 at the 20th Annual Convention of the Australian Federation of Commercial Broadcasting Stations in memory of the late V. M. Brooker.

The prize is awarded annually at graduation to the honours student in Electrical Engineering whose work in the field of radio engineering, as described in his thesis, shows the greatest proficiency, provided his work is of sufficient merit. Value, $400.

Cable Makers Australia Proprietary Limited Prize
An annual prize of $21 donated by Cable Makers Australia Pty Ltd to graduates or undergraduates in Electrical Engineering for an essay or thesis on any aspect of Electrical Engineering, provided that such essay or thesis is of sufficient merit and shows the development of original and critical thought.

G. S. Caird Scholarship in Electrical Engineering
Awarded by the Faculty of Engineering on the recommendation of the head of the Department of Electrical Engineering to a candidate for the degree of Bachelor of Engineering with honours in Electrical Engineering for meritorious performance in the senior core courses for that degree. Value, $150, tenable for one year.

Civil Engineering Graduates Prize
Established in 1982 with donations totalling $1200 from graduates in Civil Engineering.

Awarded annually on the recommendation of the head of the School of Civil and Mining Engineering to the Intermediate Year candidate for the degree of Bachelor of Engineering who shows the greatest proficiency in the courses Structures I and Structural Design I, provided that the candidate's work is of sufficient merit. Value, $100.

CSR Limited Scholarship in Chemical Engineering
In 1961 the Colonial Sugar Refining Company Ltd agreed to provide funds annually for the establishment of a scholarship to be awarded to an undergraduate entering the second year of the course in Chemical Engineering in the Faculty of Engineering. From 1970 the scholarship shall be awarded to an undergraduate who enrols in the Intermediate courses prescribed for the degree of Bachelor of Engineering in Chemical Engineering.

The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the C.S.R. Limited Scholarship in Chemical Engineering.

(2) The object of the scholarship is to encourage and assist undergraduates to undertake a course in Chemical Engineering.
(3) The amount of each scholarship shall be in the range of $500–$2675 per annum.
(4) The scholarship shall be awarded to a student who is qualified to enrol in the Intermediate courses prescribed for the degree in Chemical Engineering, provided that he is of sufficient merit.
(5) The scholarship shall continue from one year to the next for the remaining three years of the degree. The continuation of the scholarship shall be dependent upon the holder's performance, work and conduct remaining satisfactory.
(6) During the currency of the scholarship, the holder shall be required to complete a progress report on his work at the end of each year. This shall be submitted to the Company through the head of the Department of Chemical Engineering.
(7) Applications must be lodged with the Registrar not later than 30 November each year.
(8) The scholarship shall be awarded by the Faculty of Engineering on the recommendation of a committee consisting of the head of the Department of Chemical Engineering, the Administrative Assistant to the Dean of the Faculty of Engineering, and two representatives of the Colonial Sugar Refining Company Limited.

Note.—The Company is prepared to offer vacation employment to the scholarship holder during his course, but this is not regarded as a condition of the award.

Commonwealth Industrial Gases Limited Scholarship in Chemical Engineering
Established in 1978 by the offer from Commonwealth Industrial Gases Limited for an annual prize of $150 for a period of five years.

Awarded annually on the recommendation of the Head of the Department of Chemical Engineering to a Junior year candidate for the degree of Bachelor of Engineering in Chemical Engineering whose work demonstrates proficiency, provided that the candidate's work is of sufficient merit. Value, $150.

Harvey Dare Prize
Established in 1949 by a bequest of £200 from the late H. H. Dare.

Awarded annually to the student who, graduating BE in Civil Engineering with first class honours, shall have most distinguished himself in Hydrodynamics and Hydraulic Engineering at the final year examination. The award is made on the recommendation of the Head of the Department of Civil Engineering. Value, $75.

E. H. Davis Prize
Established in 1982 in memory of the late Professor E. H. Davis, Professor of Civil Engineering from 1968 until his death in 1981.

Awarded annually by the Dean of the Faculty of Engineering on the recommendation of the Head of the School of Civil and Mining Engineering to the candidate for the degree of Bachelor of Engineering enrolled in final year Civil Engineering or in final year Mining Engineering who is most distinguished in geotechnical engineering, provided that the candidate's work is of sufficient merit. Value, $110.

Dow Undergraduate Scholarship in Chemical Engineering
Established in 1982 by the offer of Dow Chemical (Australia) Ltd of an annual scholarship to encourage candidates for the degrees of Bachelor of Engineering to undertake studies in Chemical Engineering.

Awarded annually on the recommendation of the head of the Department of Chemical Engineering to an Intermediate Year candidate for the degree in Chemical Engineering for proficiency in Junior year, provided that the candidate's work is of sufficient merit. The scholarship is tenable for one year in the first instance, and may be renewed for a second and third year, provided that, in the opinion of the head of the Department of Chemical Engineering, the candidate's progress is satisfactory.

Value is to be determined by the head of the Department within the range of $500 to $1000.

Electrical Manufacturers' Association of N.S.W. Prize for Electrical Power Engineering
Founded in 1955 by a donation of £500 from the Electrical Manufacturers' Association of New South Wales.

The prize is awarded annually at graduation to the honours student in Electrical Engineering whose work in the field of power engineering as described in his thesis shows the greatest proficiency, provided his work is of sufficient merit. Value, $150.

Electricity Supply Engineers' Association of New South Wales Prize
Established in 1975 by the offer of an annual donation from the Electricity Supply Engineers' Association of New South Wales.

Awarded annually on the recommendation of the head of the Department of Electrical Engineering to a candidate for the degree of Bachelor of Engineering enrolled in senior courses who has shown outstanding merit in his work in the field of Electric Power Distribution. Value, $40.

Esso Australia Limited Scholarship in Chemical Engineering
Established in 1978 by the offer from Esso Australia Ltd for an annual prize of $200 for a period of ten years.

Awarded annually on the recommendation of the head of the Department of Chemical Engineering to the Junior Year candidate for the degree of Bachelor of Engineering whose work demonstrates the most proficiency and who enrols in the Intermediate core courses for the degree in Chemical Engineering, provided that the candidate's work is of sufficient merit. Value, $200.

John Antony Garnsey Memorial Prize
Founded in 1928 by a gift of £30 from class members and lecturers as a memorial to the late John Antony Garnsey, who died while a student in Engineering.

Awarded annually, on the recommendation of the Dean of the Faculty of Engineering, to the candidate enrolled in the Faculty who shows the greatest proficiency in the course 1.181 Materials I. Value $20.

T. W. Girdler Prize
Established in 1960 by the offer of an annual gift (initially for a minimum period of 10 years and then continued for a further period of 16 years), from I. S. Haviland, BE, acting on behalf of a group of five graduates in Engineering to commemorate the late T. W. Girdler, LLB BE BSc.

Awarded, on the recommendation of the head of the Department of Mechanical Engineering, to the candidate for the degree of Bachelor of Engineering in Mechanical Engineering who submits the best seminar paper. Value, $20.

Graduates' Prize in Aerodynamics
Founded in 1952 by an initial donation of £52 10s. from the Aeronautics Graduates' Fund.

The prize is awarded annually on the recommendation of the Professor of Aeronautical Engineering to a final year student in Aeronautical Engineering for proficiency in Aerodynamics. Value, $70.

Graduates' Prize for Proficiency in Aeronautical Engineering
Established in 1960 by a gift of £300 from the Aeronautics Graduates' Fund.

Awarded annually, on the recommendation of the Head of the Department of Aeronautical Engineering, for proficiency in the senior courses prescribed for the degree of Bachelor of Engineering in Aeronautical Engineering. Value, $45.

Graduates' Prize for Proficiency in Aeronautical Engineering—Senior Advanced Courses
Established in 1975 by the offer of an annual donation from the Aeronautics Graduates' Association.

Awarded annually on the recommendation of the Head of the Department of Aeronautical Engineering, for proficiency in the senior advanced courses presented for the degree of Bachelor of Engineering in Aeronautical Engineering. Value, $50.

William and Jane Grahame Mechanical Engineering Prizes
Founded, with a scholarship, in 1905 by a gift of £1000 from Mrs Jane Grahame, of 'Strathearn', Waverley, widow of the late Hon. William Grahame. The prizes are of two kinds, minor and major.

Eight minor prizes of value $50 each may be awarded annually by the Head of the Department of Mechanical Engineering, for outstanding merit in any of the courses prescribed for the degree of Bachelor of Engineering in Mechanical Engineering.

One major prize, value $200, may be awarded every two years for a technical paper or other literary work of merit on a mechanical engineering subject published by a recent graduate in mechanical engineering during the five years following his or her graduation.

The award shall be made by the Head of the Department of Mechanical Engineering from among applications lodged with the Registrar following appropriate advertisement, or to any other eligible person.

The number of prizes available in any year will depend on the state of the funds at the time.

William and Jane Grahame Mechanical Engineering Scholarship
Founded, with prizes, in 1905 by a gift of £1000 from Mrs Jane Grahame, of 'Strathearn', Waverley, widow of the late Hon. William Grahame.

Awarded annually, on the recommendation of the Head of the Department of Mechanical Engineering, for proficiency in the senior courses prescribed for the degree of Bachelor of Engineering in Mechanical Engineering, to a student of sufficient merit who is admitted to candidature for the honours degree. Value, $500 for one year.

Clifford Dawson Holliday Prize
Founded in 1954 by a bequest of £1000 from the late Andrew Holliday for a prize to be known as the Clifford Dawson Holliday Prize in Engineering.

Awarded annually, on the recommendation of the Dean of the Faculty of Engineering, to the candidate enrolled in the Faculty who, in his first year of attendance, shows the greatest proficiency in the annual examinations. Value, $115.

Honeywell Prize
Established in 1962 by the offer of an annual gift from Honeywell Pty Ltd.

Awarded annually, on the recommendation of the head of the Department of Chemical Engineering, to the candidate who reaches the highest standard in practical work, including the reports submitted thereon, in the course 2.164 Chemical Engineering II, provided that his work is of sufficient merit. Value, $52.50.

IBM Prize in Computing
Established in 1963 by IBM Australia Pty Ltd.

Awarded annually, on the recommendation of the Head of the Department of Chemical Engineering, to the candidate for the degree of Bachelor of Engineering in Chemical Engineering who most distinguishes himself in Digital Computing, provided that his work is of sufficient merit. Value, $100.

ICI Australia Ltd Prize (No 1)
Established initially for five years, commencing in 1959, and continued by an annual gift from Imperial Chemical Industries of Australia and New Zealand Limited.

Awarded annually, on the recommendation of the Head of the Department of Chemical Engineering, to the candidate for the degree of Bachelor of Engineering in Chemical Engineering who demonstrates greatest proficiency in the course Project Engineering I, provided that the candidate's work is of sufficient merit. Value, $100.

ICI Australia Ltd Prize (No 2)
Established in 1981 by the offer from ICI Australia Ltd to donate annually the sum of $1000 for a prize in the Department of Chemical Engineering.

Awarded annually on the recommendation of a committee consisting of the Dean of the Faculty of Engineering and the professors and associate professors of chemical engineering, to the most distinguished student who has completed Senior Year in Chemical Engineering taking into account academic achievement, character, and accomplishments in cultural, sporting or recreational activities. Value, $1000.

Institution of Chemical Engineers Prize in Chemical Engineering
Established in 1978 by the offer from the Institution of Chemical Engineers, for an annual prize of a medal and $100 for a period of five years.

Awarded annually on the recommendation of the head of the Department of Chemical Engineering to the Senior Advanced Year candidate for the degree of Bachelor of Engineering in Chemical Engineering who presents the best undergraduate thesis, provided that the candidate's work is of sufficient merit. The prize will consist of a medal and the sum of $100.

Institution of Engineers, Australia, Prize in Engineering
Established in 1978 by the offer of an annual gift from the Institution of Engineers, Australia.

Awarded annually on the recommendation of the dean of the Faculty of Engineering to the candidate graduating Bachelor of Engineering who shows the greatest proficiency, provided that the candidate's work is of sufficient merit. The prize consists of the award of the R. A. Priddle Medal and the sum of $100.

R. E. Jeffries Memorial Prize
Established in 1978 by a bequest of $3000 from the late Mr R. E. Jeffries for a prize in Electrical Engineering.

Awarded annually in the Faculty of Engineering on the recommendation of the head of the Department of Electrical Engineering, to the Intermediate Year candidate for the degree of Bachelor of Engineering who shows the greatest proficiency in introductory electrical engineering courses in the Intermediate Year provided the candidate's work is of sufficient merit. Value, $260.

Kent Instruments (Australia) Pty Ltd Prize in Chemical Engineering
Established in 1978 by the offer from Kent Instruments (Australia) Pty Ltd for an annual prize of $150 for a period of at least five years.

Awarded annually on the recommendation of the head of the Department of Chemical Engineering to the Senior Advanced Year candidates for the degree of Bachelor of Engineering in Chemical Engineering whose group presents the best design report in Chemical Engineering, provided that the candidates' work is of sufficient merit. Value, to be shared, $200.

Charles Kolling Graduation Prize in Mechanical Engineering
Under the terms of the gift of Mrs Eva Kolling for promoting advanced study in Mechanical Engineering in the P. N. Russell School of Engineering a prize of the value of $300, to be known as the Charles Kolling Graduation Prize, is awarded each year to a student in Mechanical Engineering on the following conditions:

(1) The prize shall be awarded on the recommendation of the Faculty of Engineering to the candidate presenting the best graduation thesis on a Mechanical Engineering subject, provided that such thesis is judged to be of sufficient merit.

(2) Candidates for the prize must have satisfactorily completed the full courses of lectures and demonstrations in Mechanical Engineering.

(3) The conditions governing the preparation of the thesis shall be those obtaining from time to time in the Department of Mechanical Engineering.

A. S. Macdonald Prize of the Association of Consulting Structural Engineers of New South Wales
Founded in 1958 by a gift of £604 from the Association of Consulting Structural Engineers of New South Wales as a prize in memory of the late A. S. Macdonald.

The prize is awarded annually, on the recommendation of the head of the Department of Civil Engineering, to the honours candidate in Civil Engineering whose work in the field of structural engineering shows the highest merit. Value, $150.

R. W. McKenzie Prize
Established by gifts from Mrs N. M. McKenzie, BA, of £100 in 1955 and a further $800 in 1967, in memory of Captain R. W. McKenzie, MC (Australian Flying Corps).

Awarded to the student who has shown the greatest proficiency in the senior and senior advanced courses in aircraft structures and solid mechanics, provided that his work is of sufficient merit. Value, $120.

Hugh Giffin McKinney Prize
Established in 1960 by the bequest of £100 from the late Mrs Elizabeth Margaret Ash, to endow a prize in memory of her father, and to be called the Hugh Giffin McKinney Prize.

Awarded annually, on the recommendation of the Dean of the Faculty of Engineering, to the candidate in the Faculty who, in his second year of attendance, shows the greatest proficiency in the Intermediate courses. Value, $30.

John Main Prize
Established in 1968 by a bequest of $100 per annum from the late John Murdoch Main, CBE.

Awarded annually, on the recommendation of the head of the Department of Civil Engineering, to the student who, graduating Bachelor of Engineering in Civil Engineering with first class honours, most distinguishes himself in all the examinations for the degree of Bachelor of Engineering in Civil Engineering. Value, $150.

Mining and Metallurgical Bursaries
The trustees of the Mining and Metallurgical Bursaries Fund offer bursaries valued at $200 per annum to students who intend to enter the mining and metallurgical industries.

The bursaries are awarded to students who have completed the first year of an appropriate course, after consideration of academic results, character, conduct and personality.

Mining Engineering Graduates' Prize
Established in 1964 by donations subscribed by graduates in Mining Engineering.

Awarded annually, on the recommendation of the senior lecturer in Mining Engineering, to a candidate for the degree of Bachelor of Engineering in Mining Engineering who shows the greatest proficiency in the senior courses prescribed for the degree, provided that his work is of sufficient merit. Value, $150.

Monsanto Australia Ltd Prize
Established in 1983 by the offer of Monsanto Australia Ltd of an annual prize to recognise excellence in studies in Chemical Engineering.

The prize may be awarded annually on the recommendation of the head of the Department of Chemical Engineering to a candidate for the degree of Bachelor of Engineering in Chemical Engineering for proficiency in Intermediate year, provided the candidate's work is of sufficient merit. Value, $200.

P. G. Morgan Memorial Prize in Mechanical Engineering Design
Established in 1978 to commemorate the gifted and enthusiastic contribution to mechanical engineering design of Peter G. Morgan, Senior Lecturer in the Department of Mechanical Engineering from 1967–76, from research funds remaining in his name at the time of his death.

Awarded annually on the recommendation of the head of the Department of Mechanical Engineering to a candidate for an undergraduate or postgraduate degree in the Faculty of Engineering for outstanding work in an undergraduate or postgraduate course in mechanical engineering design, provided that the candidate's work is of sufficient merit. Value, $135.

Nabalco Pty Ltd Prize in Chemical Engineering
Established in 1978 by the offer from Nabalco Pty Ltd for an annual prize of $200 for a period of five years, subject to review at the end of that time.

Awarded annually on the recommendation of the head of the Department of Chemical Engineering to the Senior Year candidate for the degree of Bachelor of Engineering in Chemical Engineering whose work demonstrates the most proficiency, provided that the candidate's work is of sufficient merit. Value, $300.

J. W. Roderick Prize
Established in 1980 in honour of Emeritus Professor J. W. Roderick, Challis Professor of Civil Engineering and head of the Department of Civil Engineering from 1951 to 1978, by donations from graduates in Civil Engineering.

Awarded annually to the candidate who graduates Bachelor of Engineering in Civil Engineering and who has shown the greatest proficiency in the final year thesis, provided that the candidate's work is of sufficient merit.

Value, $50.

Susan Mary Rouse Memorial Prizes
Established in 1952 by the offer of an annual gift of £10 by R. G. Rouse in memory of his mother.

No 1 Prize
Awarded annually on the recommendation of the Dean of the Faculty of Engineering to the candidate for the degree of Bachelor of Engineering in Aeronautical, Electrical or Mechanical Engineering who shows the greatest proficiency in the final thesis, provided the candidate's work is of sufficient merit.

Value, $40.

No 2 Prize
Awarded annually on the recommendation of the Dean of the Faculty of Engineering to the candidate for the degree of Bachelor of Engineering in Chemical, Civil or Mining Engineering who shows the greatest proficiency in the final thesis, provided the candidate's work is of sufficient merit.

Value, $40.

Peter Nicol Russell Undergraduate Scholarships in Mechanical Engineering
Under the gift of Sir Peter Nicol Russell, which established in 1896 the fund that later became known as the Peter Nicol Russell Bequest, four scholarships for the encouragement of higher education in Mechanical Engineering are offered annually for candidates for the degree of Bachelor of Engineering in Mechanical Engineering, under the following conditions:

(1) The name of the scholarships shall be the Peter Nicol Russell Undergraduate Scholarships in Mechanical Engineering.

(2) The object of the scholarships shall be to encourage higher education in Mechanical Engineering.

(3) The scholarships shall be of the annual value of $1000 each.

(4) The scholarships shall be awarded by the Academic Board on the recommendation of a selection committee consisting of the Dean of the Faculty of Engineering, who shall be Chairman, and the Professors, Associate Professors and Readers in the Department of Mechanical Engineering and such other members of the Faculty of Engineering as may be nominated by the Dean in consultation with the Head of the Department of Mechanical Engineering so that the membership of the committee consists at all times of no less than three persons.

(5) The scholarships shall be open to full-time candidates for the degree of Bachelor of Engineering in Mechanical Engineering.

(6) The scholarships shall be tenable for one year in the first instance but may be renewed for a second, third and fourth year provided that a scholarship may only be held in the final year of candidature for the degree if the holder has been admitted to Honours candidature.

(7) The scholarships shall be renewable annually on the recommendation of the selection committee subject to the candidates' making progress to the satisfaction of the committee.

(8) (i) Subject to (v) below, the scholarships shall be awarded on the basis of academic merit.

(ii) In the case of applicants who have no previous record of tertiary study scholarships shall be awarded on the basis of the applicants' performance at the Higher School Certificate examination.

(iii) In the case of applicants who have a previous record of tertiary study, the selection committee, in determining awards, shall take into account the applicants' performance at the Higher School Certificate examination and their subsequent record of tertiary study.

(iv) A scholarship shall not be awarded to an applicant who is of more than three years' standing from the Higher School Certificate examination on the basis of which the application is considered, unless the applicant has been engaged for the full period following completion of that Higher School Certificate examination in a programme of employment and/or study related to the practice of engineering.

(v) An applicant for a scholarship who has been admitted to candidature for the degree in accordance with the by-laws relating to provisional matriculation may be given preferential consideration for the award of a scholarship.

(vi) Subject to (v) above, a scholarship shall only be awarded if the selection committee deems the applicant's academic record to be of sufficient merit.

(9) An applicant for a scholarship who intends enrolling in the Junior year of candidature for the degree of Bachelor of Engineering shall affirm in writing that he or she intends to proceed as a candidate for the degree in Mechanical Engineering.

(10) The holder of a scholarship shall not be in receipt of any other scholarship or equivalent award.

(11) For the first year of tenure of a scholarship one half of the annual stipend shall be paid in advance and thereafter payments shall be made on a quarterly basis in advance.

(12) The scholarships shall be awarded subject to the availability of funds and applications shall normally be made in writing to the Registrar no later than 31 January.

K. K. Saxby Prize
Founded in 1918 by a gift by G. C. Saxby, BA, of £150, being the amount of the military pay due to his son, Kenneth Knowlton Saxby, a first year student in the

Faculty of Engineering, who was killed in action in France in September 1917.

Awarded annually, on the recommendation of the Dean of the Faculty of Engineering, to the candidate enrolled in the Faculty who, in his first year of attendance, shows the greatest proficiency in the course 1.010 Mathematics (Pure and Applied) I. Value, $120.

K. C. Seale Prize in Electrical Engineering
Established in 1953 by the offer of an annual amount of $6.30, by K. C. Seale, BSc BE. In 1976 the value of the award was increased to $15.

The prize is awarded to a final year student for proficiency in practical work in Electrical Engineering, if of sufficient merit.

Shell Refining (Australia) Pty Ltd Scholarship in Chemical Engineering
Established in 1983 by the offer of Shell Refining (Australia) Pty Ltd of an annual scholarship to encourage and assist candidates for the degree of Bachelor of Engineering in Chemical Engineering. The scholarship shall be awarded under the following conditions.

(1) The scholarship shall be awarded annually on the recommendation of a committee consisting of the Dean of the Faculty of Engineering, the head of the Department of Chemical Engineering, the professors, readers and associate professors in Chemical Engineering, and two representatives of Shell Refining (Australia) Pty Ltd, to a student qualified to enrol full time as an Intermediate Year candidate for the degree of Bachelor of Engineering in Chemical Engineering, provided the student's work in Junior Year is of sufficient merit.

(2) The scholarship shall be tenable for one year in the first instance and may be renewed for the third and fourth years of candidature, provided that, in the opinion of the Selection Committee, the candidate's progress is satisfactory.

(3) The value of the scholarship shall be determined by the Selection Committee, within the range $500–$800 per annum.

Shell Prize in Chemical Engineering[1]
Originally established in 1958 by the Shell Company of Australia Limited, the Shell Prize in Chemical Engineering is now offered annually by the Shell Group of Companies of Australia and is awarded on the recommendation of the head of the Department of Chemical Engineering to the student who is most distinguished in the final year of enrolment for the degree in Chemical Engineering. Value, $100.

Shell Refining (Australia) Pty Ltd Prizes in Mechanical Engineering
Established in 1983 by the offer of Shell Refining (Australia) Pty Ltd of four annual prizes to recognise excellence in studies in Mechanical Engineering relevant to refinery operations.

Shell Refining (Australia) Pty Ltd Junior Prize in Mechanical Engineering
Awarded annually on the recommendation of the head of the Department of Mechanical Engineering to the candidate for the degree of Bachelor of Engineering who is most proficient in the Junior core courses in Mechanical Engineering concerned with workshop practice and engineering mechanics, provided the candidate's work is of sufficient merit. Value, $100.

Shell Refining (Australia) Pty Ltd Intermediate Prize in Mechanical Engineering
Awarded annually on the recommendation of the head of the Department of Mechanical Engineering to the candidate for the degree of Bachelor of Engineering who is most proficient in the Intermediate core courses in Mechanical Engineering concerned with applied thermodynamics and fluid mechanics, provided the candidate's work is of sufficient merit. Value, $100.

Shell Refining (Australia) Pty Ltd Senior Prize in Mechanical Engineering
Awarded annually on the recommendation of the head of the Department of Mechanical Engineering to the candidate for the degree of Bachelor of Engineering in Mechanical Engineering who is most proficient in the Senior core courses concerned with systems engineering and electrical technology, provided the candidate's work is of sufficient merit. Value, $100.

Shell Refining (Australia) Pty Ltd Senior Advanced Prize in Mechanical Engineering
Awarded annually on the recommendation of the head of the Department of Mechanical Engineering to the candidate for the degree of Bachelor of Engineering in Mechanical Engineering who is most proficient in the Senior Advanced courses concerned with industrial management, provided the candidate's work is of sufficient merit. Value, $100.

Shell Refining (Australia) Pty Ltd Scholarship in Mechanical Engineering
Established in 1982 by the offer of Shell Refining (Australia) Pty Ltd of an annual scholarship to encourage and assist undergraduate students to undertake the degree of Bachelor of Engineering in Mechanical Engineering at the University of Sydney.

(1) Awarded annually on the recommendation of a committee consisting of the Dean of the Faculty of Engineering, the head of the Department of Mechanical Engineering, the professors, readers and associate professors in Mechanical Engineering, and two representatives of Shell Refining (Australia) Pty Ltd, to a student qualified to enrol full time as an Intermediate year candidate for the degree in Mechanical Engineering, provided the student's work in Junior Year is of sufficient merit.

(2) The scholarship shall be tenable for one year in the first instance, and may be renewed for a second and third year provided that, in the opinion of the Selection Committee, the candidate's progress is satisfactory.

(3) Value to be determined by the Selection Committee within the range $500 to $800. Applications must be lodged by 31 January each year.

Murray Rainsford Smith Prize
Founded in 1917 by a gift of £76 from Mrs Irwin Smith, being the amount of the military pay due to her son, Murray Rainsford Smith, a fourth year student in the Department of Civil Engineering, who was killed in action in France in December 1916.

Awarded annually, on the recommendation of the head of the Department of Civil Engineering, for general proficiency in the courses 3.211 Structures II and 3.215 Materials II. Value, $80.

Staedtler Prize in Engineering
Established in 1965 by the offer of an annual gift from Staedtler-Sovereign Pty Ltd.

Awarded annually on the recommendation of the

[1] Conditions under review.

Dean of the Faculty of Engineering, to the candidate in the Faculty who shows the greatest proficiency in the course 1.191 Machine Drawing and Descriptive Geometry, provided that his work is of sufficient merit. The prize shall consist of drawing instruments to the value of $50.

H. J. and C. K. Swain Prize in Mechanical Engineering
Established in 1949 by a gift of £100 from H. J. Swain, BA *Camb.* BSc BE.

The prize is awarded from time to time to an undergraduate or research student who distinguishes himself by thesis or postgraduate research work in association with the Department of Mechanical Engineering in the Theory and Practice of Heat Engines, especially Internal Combustion Engineering. Value, $70.

D. G. Walkom Prize
Established in 1977 by the bequest of $2000 from the late Dr Arthur Walkom in memory of his son, David Grierson Walkom, the prize to be known as the D. G. Walkom Prize.

Awarded annually on the recommendation of the head of the Department of Civil Engineering to the most distinguished student graduating with first class honours in Civil Engineering, provided the student's work is of sufficient merit. Value, $150.

Western Mining Corporation Limited Prizes in Chemical Engineering
Established by the offer in 1978 of an annual donation from the Western Mining Corporation Limited to provide for two prizes to be awarded on the recommendation of the head of the Department of Chemical Engineering to candidates for the degree of Bachelor of Engineering.

One prize is awarded to an Intermediate Year candidate who demonstrates proficiency in the Intermediate courses completed by candidates proceeding in Chemical Engineering, provided that the candidate's work is of sufficient merit. Value, $150.

One prize is awarded to the Senior Year candidate who demonstrates greatest proficiency in the area of study Particle and Fluid Systems, provided that the candidate's work is of sufficient merit. Value, $150.

Western Mining Corporation Limited Prizes in Materials and Mining Engineering
Established by the offer in 1978 of an annual donation from the Western Mining Corporation Limited to provide for two prizes to be awarded on the recommendation of the head of the Department of Materials and Mining Engineering to candidates for the degree of Bachelor of Engineering.

One prize is awarded to the Senior Year candidate who demonstrates greatest proficiency in the courses 3.300 — Mining Engineering I, 3.303 — Mining and Mineral Economics I, and 3.304 — Mining Engineering II, provided that the candidate's work is of sufficient merit. Value, $150.

One prize is awarded to the Senior Advanced Year candidate who demonstrates greatest proficiency in the courses 4.302 — Mining Engineering Practice, 4.305 — Thesis, and 4.307 — Mining and Mineral Economics II, provided that the candidate's work is of sufficient merit. Value, $150.

Percy L. Weston Prize
Founded in 1919 by a donation of £100 from Mrs Clara Weston as a memorial to her late son, Percy Leonard Weston, BSc BE.

Awarded annually, on the recommendation of the head of the Department of Electrical Engineering, for general proficiency in the senior courses in Electrical Engineering prescribed for the degree of Bachelor of Engineering in Electrical Engineering. Value, $75.

Faculty of Law

Wigram Allen Scholarships
Founded by gifts of £381 in 1867 (with accumulations) and £500 in 1883, from Sir George Wigram Allen for the encouragement of the study of law.

Wigram Allen Scholarship No. I

(1) The annual sum available in respect of the scholarship shall be divided into two scholarships, the Wigram Allen Scholarship No. IA, and the Wigram Allen Scholarship No. IB.

(2) The Wigram Allen Scholarship No. IA shall be awarded for general proficiency in the first year of the course for candidates who are not proceeding by way of the combined course in Arts/Law or the combined course in Economics/Law. Value, $50, tenable for one year.

(3) The Wigram Allen Scholarship No. IB shall be awarded for general proficiency in the subjects Legal Institutions, Public Law and Common Law (comprising Torts and Contracts) for candidates who are proceeding by way of the combined course in Arts/Law or the combined course in Economics/Law. Value, $50, tenable for one year.

(4) Without limiting any discretion otherwise existing as to the award of scholarships if there is no candidate of sufficient merit for one of scholarships No. IA and IB, the two may be consolidated and awarded to the most distinguished candidate in the other course.

The Wigram Allen scholarship No. II is awarded in the Faculty of Arts.

Sir Alexander Beattie Prize in Industrial Law
Awarded on the recommendation of the head of the Department of Law to the candidate for the degree of Bachelor of Laws who shows greatest proficiency in Industrial Law and Labour Relations (basic or extended course) provided that the candidate's work is of sufficient merit. Value, $100.

Butterworths Book Prizes
Established in 1970 by Butterworths Pty Ltd by the annual donation of twelve prizes of thirty dollars each. The prizes take the form of a book voucher prize certificate, which will be exchanged for Butterworths publications.

Awarded annually by the Board of Examiners of the Faculty of Law to the following candidates provided that their work is of sufficient merit:

(a) Three book prizes are awarded to the three Third Year candidates for the combined degrees of Bachelor of Arts and Bachelor of Laws, Bachelor of Economics and Bachelor of Laws, and Bachelor of Science and Bachelor of Laws, who are the highest on the order of merit for all the Law subjects such candidates have completed to the end of the Third Year of their respective courses.

(b) Two book prizes are awarded, one to the most proficient and one to the second most proficient candidate amongst First Year candidates for the degree of Bachelor of Laws.

(c) Three book prizes are awarded, one to the most proficient, one to the second most

proficient, and one to the third most proficient Second Year candidate for the degree of Bachelor of Laws, whether or not the candidates are enrolled for the combined degrees of Bachelor of Arts and Bachelor of Laws, Bachelor of Economics and Bachelor of Laws, or Bachelor of Science and Bachelor of Laws or for the degree of Bachelor of Laws.

(d) Two book prizes are awarded, one to the most proficient and one to the second most proficient candidate amongst Third Year candidates for the degree of Bachelor of Laws, whether or not the candidates are enrolled for the combined degrees of Bachelor of Arts and Bachelor of Laws, Bachelor of Economics and Bachelor of Laws, or Bachelor of Science and Bachelor of Laws, or for the degree of Bachelor of Laws.

(e) Two book prizes are awarded, one to the most proficient and one to the second most proficient candidate amongst Fourth Year candidates for the degree of Bachelor of Laws.

Value: 12 prizes valued at $50 each.

Andrew M. Clayton Prize for Real Property, Succession and Equity

Established in 1980 by the offer from the Partners of Clayton Utz & Company, Solicitors, Sydney, to donate annually the sum of $500 for a prize in the Faculty of Law.

The prize shall be known as the Andrew M. Clayton Memorial Prize and shall be awarded annually, on the recommendation of the Board of Examiners of the Faculty of Law, to the candidate for the degree of Bachelor of Laws who is most proficient on combined performance in the subjects of Real Property, Succession and Principles of Equity, provided that the candidate's work is of sufficient merit.

Pitt Cobbett Prizes

Founded in 1910 by a gift of £175 from subscribers to a fund for the foundation of a prize in honour of Professor Pitt Cobbett, MA DCL, Professor at Law from 1890 to 1909.

One prize of $60 in Public Law, one prize of $60 in Federal Constitutional Law, and one prize of $60 in Public International Law, are awarded annually.

Corporate Affairs Commission Prize

Established in 1976 by the offer of an annual donation of $100 from the trustees of the Corporate Affairs Commission Benevolent Trust.

Awarded annually to an undergraduate student enrolled in the degree of Bachelor of Laws undertaking the subject Commercial Law II, if of sufficient merit. Value, $100.

Edward John Culey Prize

Established in 1978 by a gift of $750 from Miss Dorothy E. Culey and Miss Alma G. Culey in memory of their brother Edward John Culey.

Awarded annually by the Board of Examiners of the Faculty of Law to the candidate for the degree of Bachelor of Laws who obtains the highest aggregate mark in the two subjects Real Property and Principles of Equity, provided that the candidate's work is of sufficient merit. Value, $100.

John George Dalley Prizes

Founded in 1922 by a bequest of £1000 from Mrs M. A. Dalley, for the award of an annual prize in the Faculty of Law, in memory of her late son, John George Dalley, to be awarded for proficiency in such branch or branches of Law and on such terms and conditions as the Senate shall from time to time determine.

Previously awarded to the most distinguished student graduating in the Faculty of Law. In 1954 and thereafter the prize will be awarded under the following conditions:

(1) The annual sum available in respect of the prize shall be divided into two prizes, the John George Dalley Prize No. IA and the John George Dalley Prize No. IB.

(2) The John George Dalley Prize No. IA shall be awarded for general proficiency on graduation in the fifth year of the combined course for Arts/Law and Economics/Law. Value, $300.

(3) The John George Dalley Prize No. IB shall be awarded for general proficiency on graduation in the fourth year of the course for students who are not proceeding by way of the combined course in Arts/Law or the combined course in Economics/Law. Value, $300.

(4) Without limiting any discretion existing as to the award of prizes if there is no candidate of sufficient merit for one of Prizes No. IA and IB, the two may be consolidated and awarded to the most distinguished candidate graduating in the other course.

Thomas P. Flattery Prize

Founded in 1958 by a gift of £105 from Mr Thomas P. Flattery, MA LLB. The prize is awarded under the following conditions:

(1) The prize shall be known as the Thomas P. Flattery Prize.

(2) The prize shall be awarded to the student who gains highest marks at the annual examinations in the subject Roman Law.

(3) In the event of more than one student gaining highest marks the prize shall be divided equally amongst such students.

(4) The prize shall be of the annual value of $25.

John Geddes Prize

Established in 1938 by a gift of £60 from Mr and Mrs C. R. Geddes in memory of their son, Colin John Geddes, BA, who died in the third year of his course for the degree of LLB.

The prize is awarded annually on the results of the examinations in Principles of Equity. Value, $25.

Caroline Munro Gibbs Prize in Torts

Established in 1962 by a bequest from Mrs Sybil Enid Vera Munro Greenwell of £1000 to endow a prize or scholarship in the Faculty of Law.

Awarded annually for proficiency in the annual examination in Torts. Value, $250.

George and Matilda Harris Scholarships

Founded in 1900 by a gift of £1700 from Mrs Matilda Duff Harris, of Ultimo House, in memory of her late husband, George Harris, to be called the George and Matilda Harris Scholarship, and to be awarded in the Faculty of Law, for the encouragement of the study of law, under such rules and regulations as the Senate of the University may make from time to time for this purpose. Under this power it has been determined that the scholarships shall be awarded annually, under the following conditions:

George and Matilda Harris Scholarship No. I

The George and Matilda Harris Scholarship No. I shall be awarded for general proficiency in Law II. Value, $100, tenable for one year.

George and Matilda Harris Scholarship No. II

(1) The annual sum available in respect of the Scholarship shall be divided into two scholarships, the George and Matilda Harris Scholarship No. IIA and the George and Matilda Harris Scholarship No. IIB.

(2) The George and Matilda Harris Scholarship No. IIA shall be awarded for general proficiency in all the subjects of the third year of the four-year course. Value, $50, tenable for one year.

(3) The George and Matilda Harris Scholarship No. IIB shall be awarded for general proficiency in all the subjects of the third year of the five-year course. Value, $50, tenable for one year.

(4) Without limiting any discretion otherwise existing as to the award of scholarships if there is no candidate of sufficient merit for one of Scholarships IIA and IIB, the two may be consolidated and awarded to the most distinguished candidate in the other course.

Margaret Dalrymple Hay Prize
Founded in 1946 by a gift of £100 forming portion of a larger fund intended by the subscribers (a group of ex-service law graduates and undergraduates) to mark appreciation of the service of Miss Margaret Fordyce Dalrymple Hay.

Awarded annually as a prize in the subject Legal Institutions. Value, $40.

R. G. Henderson Memorial Prize—Donated by the New South Wales Bar Association
Established in 1961 by the offer of the New South Wales Bar Association to donate $250 annually for a prize in the Faculty of Law. Awarded annually to the student gaining the University Medal.

Sir Peter Heydon Prize
Established in 1973 by a gift of about $400 from the colleagues and friends of the late Sir Peter Richard Heydon, CBE, in his memory.

Awarded annually on the recommendation of the Faculty of Law for the best undergraduate contribution to the Sydney Law Review in the field of Constitutional, Administrative or International Law. Value, $50.

Industrial and Commercial Property Prize
Established in 1970 by the offer of an annual donation of $5 by Mr Michael Coper, BA LLB.

Awarded annually to the student who most distinguishes himself in the subject Industrial and Commercial Property in the final year for the degree of Bachelor of Laws.

Aaron Levine Prize in Criminal Law
Founded in 1974 by the Institute of Criminology in the Department of Law to establish a prize in the Faculty of Law in memory of the late Judge A. Levine.

The prize shall be known as the Aaron Levine Prize in Criminal Law and shall be awarded annually on the recommendation of the Board of Examiners of the Faculty of Law to the most proficient student in the subject Criminal Law if of sufficient merit. Value, $250.

J. H. McClemens Memorial Prize in Criminology No. 1
Established in 1978 following an appeal inaugurated by the Institute of Criminology under the chairmanship of the Chief Justice of New South Wales to endow a memorial fund and prizes to honour the memory of The Hon. Mr Justice J. H. McClemens, Chief Judge at Common Law of the Supreme Court of New South Wales who for many years was active in the affairs of the Institute as Deputy Chairman.

Awarded annually by the Board of Examiners of the Faculty of Law to the candidate for the degree of Bachelor of Laws most proficient in the course Criminology, provided that the candidate's work is of sufficient merit. Value, $150.

For the J. H. McClemens Memorial Prize in Criminology No. 2 and No. 3, see the Postgraduate Section.

Bruce Panton Macfarlan Prize
Established in 1978 by a gift of $2150 from his wife, daughters and son in memory of their husband and father Bruce Panton Macfarlan, who graduated from the Faculty of Law in 1935, was a lecturer in the Faculty of Law between 1939 and 1951, was appointed to the Bench in 1959 and was Commercial Causes Judge for the Supreme Court of New South Wales between 1966 and 1973.

Awarded annually by the Board of Examiners of the Faculty of Law to the candidate for the degree of Bachelor of Laws who obtains the highest mark in the subject Commercial Law I, provided that the candidate's work is of sufficient merit. Value, $200.

E. M. Mitchell Prize
Founded in 1945 by a gift of £100 from Mrs H. J. Swain to establish a prize in the Faculty of Law in memory of her brother, the late E. M. Mitchell, KC.

The prize is awarded annually to an undergraduate in Law on the results of the examination in Contracts. Value, $40.

Monahan Prize
Established in 1945 by a bequest of £2000 from the late W. W. Monahan to provide a scholarship in the Faculty of Law and to benefit the Law School Library.

Awarded annually to the student in the Faculty of Law who exhibits the highest proficiency in the Law of Evidence. Value, $100.

Sybil Morrison Prize in Jurisprudence
Established in 1962 by a bequest from Mrs Sybil Enid Vera Munro Greenwell of £1000 to endow a prize or scholarship in the Faculty of Law.

Awarded annually for proficiency in the annual examination in Jurisprudence. Value, $220.

Sir John Peden Memorial Prize
Founded in 1948 by a gift of £1347 from a committee formed for the purpose of endowing in the Faculty of Law a prize in memory of the late Sir John Peden.

The prize is awarded annually at graduation to the student in the Faculty of Law who has, during his course, shown the greatest proficiency in the subjects of Legal Institutions, Federal Constitutional Law, Real Property and Conflict of Laws, provided that if, in the opinion of the Faculty of Law, no candidate is of sufficient merit, the prize shall not be awarded in that year. Value, $650.

Margaret Ethel Peden Prize
Established in 1947 by a bequest of £200 from the late Sir John Peden.

Awarded annually to an undergraduate in Law for proficiency in Real Property. Value, $70.

Permanent Trustee Company Ltd Prizes
Established in 1962 by an offer from the Permanent Trustee Company Ltd to establish two annual prizes.

Permanent Trustee Company Ltd Prize in Conveyancing
The Prize in Conveyancing may be awarded annually by the Board of Examiners of the Faculty of Law to the candidate for the degree of Bachelor of Laws who is most proficient in the course Conveyancing (basic or extended), provided that the candidate's work is of sufficient merit. Value, $250.

Permanent Trustee Company Ltd Prize in Succession
The Prize in Succession may be awarded annually by the Board of Examiners of the Faculty of Law to the candidate for the degree of Bachelor of Laws who is most proficient in the course Succession, provided that the candidate's work is of sufficient merit. Value, $250.

Judge Samuel Redshaw Prize
Established in 1969 by a gift of $1000 from Dr J. M. Redshaw (Mrs J. M. Strong) to establish a prize in the Faculty of Law in memory of her father, Judge Samuel Redshaw, BA LLB.

For proficiency in Administrative Law. Value, $100.

Walter Reid Memorial Fund
For conditions of award see under undergraduate scholarships and prizes — any faculty.

E. D. Roper Memorial Prizes
Established in 1962 by a donation of £1035 9s. 3d. from the E. D. Roper Memorial Fund to endow two annual prizes to be awarded for proficiency on combined performance in Principles of Equity and Commercial Law II.

Prize No. 1 to be awarded to the most meritorious student and Prize No. 2 to be awarded to the student second in order of merit. Value $150 each.

Walter Ernest Savage Prize
Established in 1983 by a donation of $2000 from the family of Walter Ernest Savage of Glebe to establish a memorial prize. Mr Savage graduated with the degree of Bachelor of Laws from the University of Sydney in 1961.

The Prize may be awarded annually on the recommendation of the Board of Examiners of the Faculty of Law to the candidate for the degree of Bachelor of Laws who is most proficient in the course Conflict of Laws, provided that the candidate's work is of sufficient merit. Value, $160.

Rose Scott Prize
Founded in 1921 by a gift of £50 from Miss Rose Scott for an annual prize for women students in the Faculty of Law.

The prize is awarded annually by the Faculty of Law to the female candidate for the degree of Bachelor of Laws who shows the greatest proficiency at graduation, provided the candidate's work is of sufficient merit. The prize consists of law books to the value of $130.

Nancy Gordon Smith Prizes for Honours at Graduation
For conditions of award see under *Postgraduate Scholarships and Prizes: Faculty of Law.*

Stephen, Jaques and Stephen Prize for Commercial Law
Established in 1980 by the offer from Stephen, Jaques and Stephen, Solicitors, Sydney, to donate annually the sum of $250 for a prize in Law.

Awarded annually, on the recommendation of the Board of Examiners of the Faculty of Law, to the candidate for the degree of Bachelor of Laws who is most proficient on combined performance in the subjects Commercial Law I and Commercial Law II, provided that the candidate's work is of sufficient merit.

Julius Stone Prize in Sociological Jurisprudence
Established in 1971 by a gift of $700 from Dr and Mrs Otto Bondy.

Awarded annually, on the recommendation of the head of the Department of International Law and Jurisprudence to the best student in that part of the course Jurisprudence which deals with sociological jurisprudence at the annual examinations for the degree of Bachelor of Laws. Value, $60.

Judge Stanley Vere Toose Memorial Prize
Established in 1970 by a gift of $500 from members of the family of the late Judge Stanley Vere Toose—Mr Justice P. B. Toose, Mrs M. E. Bennett, Mrs J. M. Davis, and Mrs M. I. McGlynn—in memory of their father.

Awarded annually to the best student in the subject of the Family in Society provided there is a candidate of sufficient merit. Value, $50.

Dawson Waldron Prize in Revenue Law
For conditions of award see under *Postgraduate Scholarships and Prizes: Faculty of Law.*

Dudley Williams Prize
Established in 1969 by a gift of $1000 from the family of the late Sir Dudley Williams, a former Justice of the High Court of Australia, as a memorial to their late father.

Awarded annually to the student second in order of merit in the list of honours graduands in the Faculty of Law, except that if for some reason the University Medal is not awarded in any year, the prize may be awarded to the student first in order of merit, at the discretion of the Dean of the Faculty of Law. Value, $100.

Faculty of Medicine

George Allan Prize
Established in 1952 by a gift of £500 from Mrs M. M. Allan to provide an annual prize in memory of her late husband, Dr George Allan, MD ChM *Aberd.*

Awarded annually on the recommendation of the head of the Department of Medicine for proficiency in therapeutics in the Medicine component of the final barrier examination. Value, $130.

Royal Australian College of Ophthalmologists' Prize
Founded in 1965 by The Ophthalmological Society of Australia (Australian Medical Association).

The prize is awarded annually on the recommendation of the head of the Department of Ophthalmology and Eye Health to a student in the Faculty of Medicine for proficiency in Ophthalmology. Value, $100.

Peter Bancroft Prize
Founded in 1923 by a bequest of £1000 from the late Louise Bancroft, of Brisbane, for an annual prize in memory of her husband, Peter Bancroft, MB.

The prize is awarded annually for the best piece of research work in any subject of the medical curriculum by a graduate or undergraduate in the Faculty of Medicine as described in a thesis, publication or essay,

provided that the candidate's work is of sufficient merit. In the case of a thesis for a degree this must have been submitted for the degree within the preceding calendar year. In the case of a publication this must have been published within the preceding calendar year. In the case of a specially written essay, the research which it describes must have been carried out substantially within the previous two calendar years.

The award is made by the Faculty of Medicine on the recommendation of a committee of the faculty. Value, $1200.

Dagmar Berne Prize
Founded in 1915 by a gift from Mrs Berne, of Haberfield, as a memorial to her late daughter, Dagmar Berne, the first female graduate of the faculty.

Awarded annually on the recommendation of the Board of Examiners to a candidate who displays the greatest proficiency in the final barrier examination in the Faculty of Medicine. Value, $45.

P. O. Bishop Medal
Established in 1979 by donations amounting to $610 from the academic staff of the Department of Physiology in honour of Professor P. O. Bishop, MB BS DSc, FAA FRS, Professor of Physiology at the University from 1955 to 1967.

Awarded annually on the recommendation of the head of the Department of Physiology to a candidate for the degree of Bachelor of Science (Medical) in Physiology who demonstrates the greatest proficiency in an approved course of advanced study in the Department of Physiology provided that the candidate's work is of sufficient merit. The award may be shared or may be awarded *Prox. Acc.* and shall consist of a bronze medal. The medal shall bear the University Seal on the obverse and have engraved on the reverse the words 'P. O. Bishop Medal for BSc(Med) Students'.

Wolfe Solomon Brown Prize
Established in 1956 by a bequest from the estate of the late Mrs Alice Edith Harris. The prize is awarded under the following conditions:

(1) The prize shall be known as the Wolfe Solomon Brown Prize.

(2) The prize shall be awarded on the recommendation of the head of the Department of Anatomy, to the student prosector who makes the best contribution to the Wilson Museum of Anatomy during his or her tenure of the Prosectorship. In the event of two or more student prosectors being of equal merit, the prize may be shared.

(3) The Academic Board may, on the recommendation of the Faculty of Medicine, amend, delete or add to these conditions from time to time. Value, $175.

Burroughs Wellcome Prize
Awarded annually by Burroughs Wellcome and Company on the recommendation of the head of the Department of Pharmacology for proficiency in Pharmacology in the Faculty of Medicine. Value, $100.

G. S. Caird Scholarship No. I
Founded in 1918 by a gift from Miss Elizabeth Richardson Caird for the foundation of a scholarship in memory of her father, the late George S. Caird.

Awarded annually on the recommendation of the Dean of the Faculty of Medicine to a candidate for the degrees of Bachelor of Medicine and Bachelor of Surgery who has demonstrated proficiency in the barrier assessment at the end of the third year and who enrols in the Faculty of Medicine in the year of the award, provided the candidate's work is of sufficient merit. Value $500, tenable for one year.

G. S. Caird Scholarship No. II
Founded in 1923 by a bequest from Miss Elizabeth R. Caird for the purpose of establishing a scholarship in the Faculty of Medicine for male students only. It is a condition of the bequest that the scholarship shall, in the commemoration of her late father, be called the G. S. Caird Scholarship.

Awarded to a male student for proficiency in the subjects of the second barrier examination in Medicine. In the event of two or more students being of equal merit, the scholarship may be shared. Value, $700, tenable for one year.

Carnation Paediatric Prize
Established in 1963 by the offer of an annual amount of 50 guineas by the Carnation Company Pty Ltd.

Awarded annually on the recommendation of the head of the Department of Paediatrics and Child Health to a candidate for the degrees of Bachelor of Medicine and Bachelor of Surgery for proficiency in one of the four paediatrics assignment terms conducted during each calendar year, provided that the candidate's work is of sufficient merit. The candidate may have to undertake a viva voce examination. Value, $105.

Dr H. G. Chapman Prize
Founded in 1930 by a gift of £100 from the late Dr H. G. Chapman for a prize for original research in Physiology in continuation of similar prizes awarded by him during his tenure of the Chair of Physiology.

The prize is awarded annually on the recommendation of the heads of the Departments of Physiology and Biochemistry for an essay embodying the results of original research in Physiology or Biochemistry, providing that an entry of sufficient merit is received.

A student is eligible to submit an essay for the prize provided he is enrolled in the Faculty of Medicine and submits the essay within three years of having completed either second year in the Faculty of Medicine under the by-laws which came into force in 1974, or third year in the Faculty of Medicine under the by-laws which were in force prior to 1974. Value, $100.

James and Margaret Claffy Prize in Ophthalmology
Founded in 1965 by a gift from an anonymous donor.

The prize is awarded annually on the recommendation of the head of the Department of Ophthalmology and Eye Health for proficiency in Ophthalmology. Value, $230.

Harry J. Clayton Memorial Prize
Founded in 1929 by a gift of £1044 from relatives and friends of the late Harry John Clayton, MB ChM, for seven years Medical Superintendent of the Royal Prince Alfred Hospital and Tutor in Medicine from 1922 to 1928.

Awarded annually on the recommendation of the head of the Department of Medicine for proficiency in Medicine and Clinical Medicine at the final barrier examination. Value, $500.

Sidney B. Clipsham Memorial Prize in Operative Surgery
Founded in 1913 by a gift of £100 from class members and lecturers as a memorial of Sidney Bowker

Clipsham, who died in the fourth year of his medical course. The prize is awarded for the best account of research or observations resulting from some activity carried out in operative surgery during the clinical years.

Awarded annually on the recommendation of a committee consisting of a representative of each teaching hospital under the chairmanship of the Professor of Surgery. Value, $160.

Frank Cotton Memorial Prize
Established in 1959 by a gift from subscribers to the Professor F. S. Cotton Memorial Fund.

Awarded annually for proficiency in Physiology in the Faculty of Medicine, on the recommendation of the Head of the Department of Physiology. Value, $75.

Robert Craig Prize in Surgery
Founded in 1918 by a bequest of £200 from Captain Robert Craig.

The prize is awarded annually on the recommendation of the head of the Department of Surgery for the best account of research carried out or observations made during the unallocated term or the Option term, provided that the candidate's work is of sufficient merit. Value, $230.

Dame Constance D'Arcy Memorial Prize
Established in 1952 by a gift from the Riviere College Old Girls' Union.

Awarded annually to a woman student for proficiency in Obstetrics and Gynaecology. Value, $20.

Dun Surgery Prize
Established in 1974 as the result of a bequest from the late Mrs Daphne E. H. Dun and the late Dr Charles W. S. Dun.

The prize is awarded annually on the recommendation of the head of the Department of Surgery for proficiency in Surgery and Clinical Surgery determined on the Surgery section of the Clinical Science examination and the Assignment in Surgery. Value, $75.

Foundation for Research and Treatment of Alcoholism and Drug Dependence of New South Wales Prize[1]
Established in 1960 by an offer from the Foundation for Research and Treatment of Alcoholism of two prizes to be awarded annually to graduates and undergraduates in the Faculty of Medicine for an essay on the Medical Aspects of Alcoholism and Drug Dependence.

Students in the third, fourth or fifth year and graduates of not more than five years' standing may submit essays for the prizes. The award will be made by the Faculty of Medicine on the recommendation of a committee appointed by the Faculty from time to time. The value of the prizes is $63 and $42.

Allan Douglas Gillies Memorial Prize
Established in 1942 by a gift from the relatives of the late Dr A. D. Gillies.

Awarded on the recommendation of the head of the Department of Pathology to a student in the Faculty of Medicine for proficiency in Pathology. Value, $70.

Harold Edward Goldsack Grant
Established in 1982 by a bequest of $4729.25 from the late Harold Edward Goldsack of Balmain.

Awarded by the Faculty of Medicine on the recommendation of the Medical Research Committee of the Faculty of Medicine to a candidate for the degree of Bachelor of Science (Medical) who has shown proficiency in the preclinical or paraclinical subjects for the degrees of Bachelor of Medicine and Bachelor of Surgery, provided the candidate's work is of sufficient merit.

Value, depending upon availability of funds, not more than $400.

Goode Memorial Scholarship
Founded in 1972 by a bequest of $377 from the late Barbara S. F. Matthews to establish the Goode Memorial Scholarship to assist a medical student in completing his course. The conditions applying to the scholarship are as follows:

(1) The Goode Memorial Scholarship shall be used to provide short-term loans to male and/or female undergraduates in the Faculty of Medicine.
(2) The maximum amount for an individual loan shall normally be $50.
(3) Subject to the discretion of the Secretary, loans shall be interest free.
(4) Repayment periods of loans may vary, but shall usually be short.
(5) The fund is to be administered by the Student Counselling Service in consultation with the Dean of the Faculty of Medicine, and the Secretary is to approve all loans.
(6) These conditions may be varied from time to time as the Senate thinks fit.

John Harris Scholarship
Founded in 1887 by a gift from John Harris, then Mayor of Sydney.

Awarded by the Board of Examiners for proficiency in the subjects of the second barrier examination in Medicine. In the event of two or more students being deemed to be of equal merit, the scholarship may be shared. Value, $400, tenable for one year.

Hinder Memorial Prize
Founded in 1918 by a gift of £240 from subscribers to a memorial of the late Henry Vincent Critchley Hinder, MB ChM, for twelve years Lecturer in Clinical Surgery.

The prize is awarded annually on the recommendation of the head of he Department of Surgery for proficiency in Surgery and Clinical Surgery determined on the Surgery section of the Clinical Science examination and the Assignment in Surgery. Value, $200.

Albert Hing Memorial Prize in Gynaecology
Founded in 1965 by a gift from Dr Sydney Hing to provide an annual prize in memory of his late father, Mr Albert Hing.

Awarded annually for proficiency in Obstetrics and Gynaecology in the Faculty of Medicine on the recommendation of the head of the Department of Obstetrics and Gynaecology. Value, $85.

Inglis and Ward Prize in Pathology and Bacteriology
Founded in 1953 by a gift from the section of Pathology, BMA (New South Wales Branch) in order to commemorate the work of Professor W. K. Inglis and Professor H. K. Ward who had recently retired from

[1] Conditions under review.

the Chairs of Pathology and Bacteriology, respectively.

Awarded for proficiency in the subjects Pathology and Bacteriology in the Faculty of Medicine on the recommendation of the heads of the Departments of Pathology and Bacteriology. Value, $25.

Alexander James Scholarship
Established in 1981 by a bequest of $2360 from the late Alexander James, MD *Moscow*, formerly a medical officer of the Imperial Russian Army and a well-known medical practitioner of Wollongong who was for many years interested in the treatment of asthma.

Awarded annually on the recommendation of the head of the Department of Community Medicine to assist a student enrolled in the Faculty of Medicine who has shown merit in community medicine, and who is undertaking further study in some aspect of community medicine during the elective or optional assignment terms.

Value, $150.

Mabel Elizabeth Leaver Memorial Prize in Obstetrics
Established in 1955 by a gift from Dr H. Leaver to provide an annual prize in memory of his wife, Mabel Elizabeth Leaver.

Awarded to a student for proficiency in Obstetrics and Gynaecology in the Option term in the Faculty of Medicine, on the recommendation of the head of the Department of Obstetrics and Gynaecology. Value, $230.

A. M. Loewenthal Prize
Two annual prizes of £5 5s. each were donated by A. M. Loewenthal up to 1940. In 1948 the sum of £129 9s. 5d. was received from Mr Loewenthal and it was decided to use the income to continue one of the prizes.

The prize is now awarded to a prosector for proficiency in prosection, combined with his or her results in Anatomy at the second barrier examination in Medicine. Value, $60.

Sir John Loewenthal Prize
Established in 1981 by donations from the surgeons of the Royal Prince Alfred Hospital in memory of the late Professor Sir John Loewenthal CMG ED, MS *Melb.* MB BS, FRCS FRACS FACS, Hon.FACS, Hon.FRCSEd Hon.FCS(SA).

Awarded annually on the recommendation of the head of the Department of Surgery to a candidate for the degrees of Bachelor of Medicine and Bachelor of Surgery who is a student at the Royal Prince Alfred Hospital Clinical School for proficiency in Surgery and Clinical Surgery determined on the Surgery section of the Paraclinical and Clinical Science barrier assessment, provided that the candidate's work is of sufficient merit.

Value, $100.

S. H. MacCulloch Trust
Established in 1978 by the bequest of the residuary estate from the late Miss A. J. R. MacCulloch, to be invested by her trustees to create a fund known as the 'S. H. MacCulloch Trust', the income from which is to be applied for the maintenance, education and benefit of undergraduate students in the Faculty of Medicine as the trustees and the dean of the faculty deem advisable.

Up to $750 will be made available either as a grant or as an interest-free loan to a needy student.

Norton Manning Memorial Prize
Founded in 1907 by a gift from the subscribers to a memorial for the late Dr F. Norton Manning.

The prize is awarded for proficiency in Psychiatry in the Faculty of Medicine, on the recommendation of the head of the Department of Psychiatry. Value, $300.

Arthur Edward Mills Graduation Prize
Established in 1940 by a gift of £2800 from Mrs Helen Mills for a prize in memory of her husband.

The prize is awarded annually to the student in the Faculty of Medicine who obtains first place in the honours list at graduation. Value, $200.

New South Wales Health Commission Prize
Established in 1955 by the Department of Public Health of New South Wales.

Awarded annually for proficiency in Community Medicine in the Faculty of Medicine, on the recommendation of the head of the Department of Community Medicine. Value, $50.

Parkinson Memorial Prize
Founded in 1910 by a gift from subscribers to a memorial of Thomas Carlyle Parkinson, MB ChM, who died at the Lister Institute from plague pneumonia while engaged in research upon bubonic plague.

The prize is awarded annually for proficiency in Pathology in the Faculty of Medicine, on the recommendation of the head of the Department of Pathology. Value, $330.

K. C. T. Rawle 104 ACCS Association Prize
Established in 1981 by a donation from the members of the Association of the 104th Australian Casualty Clearing Station in memory of the late Kenneth Charles Trineman Rawle, OBE ED, MB ChM, FRCS FRACS FRACGP.

Awarded annually on the recommendation of the head of the Department of Surgery to a candidate for the degrees of Bachelor of Medicine and Bachelor of Surgery for proficiency in Surgery and Clinical Surgery determined on the Surgery section of the Paraclinical and Clinical Science barrier assessment, provided that the candidate's work is of sufficient merit.

Value, $75.

Renwick Scholarship
Founded in 1877 by a gift from the Honourable Sir Arthur Renwick, BA MD.

Awarded in the Faculty of Medicine on the recommendation of the Boards of Examiners for proficiency in the first and second barrier examinations. Two scholarships, each valued at $500 and tenable for one year.

A. J. Reynolds Prize
Established in 1944 by a gift of £100 from A. J. Reynolds.

Awarded annually to the undergraduate or graduate in Medicine who submits the best essay dealing with research into causes, prevention or cure of the disease of spondylitis in human beings. Value, $150.

Harold John Ritchie Memorial Prize
Established in 1955 by a gift of £1250 from Mrs E. L. Atkinson to provide an annual prize in memory of her brother, Dr H. J. Ritchie.

Awarded annually on the recommendation of the head of the Department of Medicine for proficiency in

Clinical Medicine in the Medicine component of the final barrier examination. Value, $330.

A. H. Robins Award
Established in 1974 by the offer of an annual gift of $500 for a minimum period of five years from A. H. Robins Pty Ltd for a prize in the field of Preventive and Social Medicine. The prize is awarded under the following conditions:

(1) The award, which shall be known as the A. H. Robins Award, will be available to medical students for work done during the unallocated term in the course for the degrees of Bachelor of Medicine and Bachelor of Surgery.

(2) The award shall be made to a student of high academic standard who has exhibited:—

(a) leadership qualities both within and outside his peer group and

(b) who has positively contributed to all aspects of Faculty life in his preceding years of study and has the potential to contribute to the progress of medicine in Australia.

(3) The award will be based on a report of work undertaken during the unallocated term. The topic must fall into the province of preventive and social medicine, i.e. it should deal with aspects of health and disease in groups of people. Work on isolated clinical problems in institutional settings is not acceptable. The selected topic should involve enquiry into one or more of the fields of epidemiology, applied behavioural and social sciences and delivery of health care in all its phases.

(4) The Selection Committee shall consist of members of the Faculty of Medicine appointed by the Dean on behalf of the Faculty. An analytical report of the work within limits of 3000 to 5000 words should be submitted to the Dean's office by the first day of Lent term in the final year.

William Henry and Eliza Alice Sharp Prize
Established in 1938 under a bequest of £150 from Dr W. A. Ramsay Sharp (for many years tutor in surgery at Sydney Hospital) for the award of an annual prize in the Faculty of Medicine in memory of his father and mother.

The prize is awarded annually, on the recommendation of the head of the Department of Surgery for proficiency in Surgery and Clinical Surgery determined on the Surgery section of the Clinical Science examination and the Assignment in Surgery. Value, $40.

J. L. Shellshear Memorial Prize
Founded in 1959 by a gift from Professor N. W. G. Macintosh and Dr G. Bell to establish an annual prize for a student in the Faculty of Medicine for proficiency in practical Anatomy.

The prize is to be known as the J. L. Shellshear Memorial Prize in Anatomy and is to be awarded on the recommendation of the head of the Department of Anatomy. Value, $25.

Robert Scot Skirving Memorial Prize
Established by a gift from the New South Wales Branch of the British Medical Association to commemorate the services rendered to the medical profession in New South Wales by the late Dr Robert Scot Skirving.

Awarded annually on the recommendation of the heads of the Departments of Medicine and Surgery for proficiency in Medicine and Surgery at the final barrier examination. Value, $95.

Grafton Elliot Smith Memorial Prize
Founded in 1949 by a bequest from the late Miss Lily Elliot Smith.

The prize is awarded annually for proficiency in Anatomy in the Faculty of Medicine on the recommendation of the head of the Department of Anatomy. Value, $210.

Beverly Stewart Memorial Prize
Established in 1952 by a bequest from Dr Neville Stewart as a memorial to his daughter who was an undergraduate in the Faculty of Medicine.

Awarded annually to a female student for proficiency in the subjects assessed at the first barrier examination in the undergraduate medical course. Value, $75.

David Sugerman Prizes in Pathology
Established in 1982 by a donation from David Alexander Sugerman, DCP *Lond.* BSc(Med) MB BS, FRCPA FRCPath FCAP, for two annual prizes. Dr Sugerman was one of the first candidates for the degree of Bachelor of Science (Medical), graduating with the degree in 1950.

David Sugerman Prize in Pathology No 1
Awarded annually on the recommendation of the head of the Department of Pathology to the most proficient student in Pathology in Third Year Medicine who is a candidate for the degrees of Bachelor of Medicine and Bachelor of Surgery, provided that the candidate's work is of sufficient merit. Value, $1000.

David Sugerman Prize in Pathology No 2
Awarded annually on the recommendation of the Dean of the Faculty of Medicine and the head of the Department of Pathology to the most proficient student who is a candidate for the degree of Bachelor of Science (Medical) in the Department of Pathology, provided the candidate's work is of sufficient merit. Value, $1000.

Cedric Swanton Memorial Prize
Established in 1974 by the offer of an annual prize in Psychiatry by the Australian and New Zealand College of Psychiatrists in memory of the late Cedric Swanton.

Awarded annually on the recommendation of the head of the Department of Psychiatry to an undergraduate student in the Faculty of Medicine for proficiency in Psychiatry. Value, $50.

McMahon Tennent Prize
Founded in 1952 by a bequest from the estate of the late Marion Margaret Hamilton McMahon Tennent for a prize in the Faculty of Medicine.

Awarded annually to a student for proficiency in the subject of Biochemistry in the Faculty of Medicine on the recommendation of the Head of the Department of Biochemistry. Value, $90.

Robert H. Todd Memorial Prize
Established in 1936 by a gift from the British Medical Association (New South Wales Branch).

The prize is awarded annually for a report on an attachment undertaken in general practice by a student in the Faculty of Medicine during the Assignment in Community Medicine, provided that the candidate's work is of sufficient merit. Value, $100.

Upjohn Prize in Clinical Pharmacology and Therapeutics
Established in 1969 by the offer of an annual gift from Upjohn Pty Ltd.

The prize is awarded annually on the recommendation of the head of the Department of Medicine for proficiency in Clinical Pharmacology and Therapeutics determined on the Medicine section of the Clinical Science examination and the Assignment in Medicine. Value, $150.

John Wait Scholarship
Founded in 1944 by a bequest from the late Jane Howard of Glebe. Funds permit the award of two scholarships.

Each scholarship may be awarded to an undergraduate who, in the opinion of the Faculty of Medicine has shown special aptitude in the pre-clinical subjects and who wishes to proceed to an honours degree in Science or to the Bachelor of Science (Medical) degree. Two scholarships, each valued at $600 and tenable for one year.

Harold Alfred Waldron Memorial Prize
Founded in 1938 by a gift from Mrs H. Markham and Mr F. D'Arcy Williams, in memory of the late Harold Alfred Waldron.

This prize is awarded annually, on the recommendation of the Professor of Bacteriology to a student in the Faculty of Medicine for proficiency in Bacteriology. Value, $75.

Herbert John Wilkinson Memorial Prize
Established in 1963 by a bequest from Herbert John Wilkinson.

Awarded on the recommendation of the head of the Department of Anatomy for proficiency in Anatomy in the Faculty of Medicine. In the event of two or more students being deemed to be of equal merit, the prize may be shared. Value, $850.

J. T. Wilson Memorial Prize
Established in 1949 by a gift from the trustees of the J. T. Wilson Memorial Fund.

Awarded on the recommendation of the head of the Department of Anatomy for proficiency in Theoretical Anatomy in the Faculty of Medicine. Value, $60.

Michael Robert William Young Prize in Medical History
Established in 1966 by a gift of the fourth year of the Faculty of Medicine to perpetuate the name of Michael Robert William Young, a medical student, who died in 1966.

Awarded annually to an undergraduate student in the Faculty of Medicine for an essay on a specified topic on the History of Medicine provided the essay is of sufficient merit. Value, $20.

Faculty of Science

1. BACHELOR OF SCIENCE

David J. Monk Adams Prize[1]
Established in 1972 by a bequest of $2000 from the late Margaret Hypatia Adams for the use of the Department of Physiology to establish a prize to be awarded annually or from time to time, for work in connection with Physiological Research and, if there be no research in this field during the year, for Medical Research. The prize is awarded under the following conditions:

(1) The prize shall be known as the David J. Monk Adams Prize.
(2) The prize shall be awarded for advanced and postgraduate students in the Department of Physiology and, in particular, for Fourth Year Honours students. It shall take the form of a grant towards the expenses incurred by them in attending meetings in other states.
(3) The prize shall be awarded by the Vice-Chancellor on the recommendation of the head of the Department of Physiology.
(4) The value and the number of awards shall be determined in the light of funds available annually from the bequest.

Walter Burfitt Scholarships
Founded in 1925 by a gift of £1000 from Dr W. F. Burfitt, a graduate of the University, for the advancement of the study of Science.

Walter Burfitt Scholarship No. I
The scholar shall be required to pursue the study of Chemistry in the fourth year honours course.
The scholarship is awarded annually, on the recommendation of the head of the School of Chemistry, for proficiency in the third year examinations in Chemistry in the Faculty of Science. Value, $500.

Walter Burfitt Scholarship No. II
The scholar shall be required to pursue the study of Physics in the fourth year honours course.
The scholarship is awarded annually, on the recommendation of the head of the School of Physics, for proficiency in the third year examinations in Physics in the Faculty of Science. Value, $500.

George Herbert Clarke Prize
Established in 1979 by the bequest of $800 from the late Mrs Z. J. Clarke.

Awarded annually on the recommendation of the head of the School of Biological Sciences for merit in Plant Morphology to a student born in Australia who is a candidate for the degree of Bachelor of Science and who completes the course Biology IIJ, provided that the candidate's work is of sufficient merit. Value, $65.

John Coutts Scholarship
Awarded on the recommendation of the Faculty of Science for distinction in the Science course to a student graduating as Bachelor of Science with honours, who proposes to continue his studies in a way satisfactory to the Faculty. Value, $150, for one year.

Janet Elspeth Crawford Prize in Chemistry
For conditions of award see under *Any faculty in Undergraduate scholarships and prizes*.

Dr G. A. M. Heydon Prize
Established in 1972 by a gift of $500 from Miss K. J. Laurence in memory of her cousin, Mr G. A. M. Heydon, MC, BA DTM & H *Camb*. MB ChM DPH, FRACP, who graduated Bachelor of Medicine from the University in 1908 and died on 27 April 1963.

Dr Heydon's research work in Parasitology produced important contributions, notably on malaria and he held the positions of Parasitologist to the School of Public Health and Tropical Medicine and Lecturer in Parasitology in the University between 1930 and 1946. His many generous donations included $70 000 to the University for the establishment of the

[1] Conditions under review.

Charles Gilbert Heydon Travelling Fellowship in Biological Sciences, as a memorial to his father.

Awarded annually by the Dean of the Faculty of Science, on the recommendation of the Chief Instructor for the course History and Philosophy of Science, in consultation with the Convenor of the Faculty Committee established to supervise the course, to the student in the Faculty of Science who shows the greatest proficiency in the course History and Philosophy of Science, if of sufficient merit. Value, $50.

Prize in Marine Sciences
Established in 1980 by a donation of $360 from the South-Coast Amateur Fishing Club Association.

Awarded annually to the most proficient student in the course Marine Sciences provided the student's work is of sufficient merit. Value, $30.

William Joseph Collett Shoppee Prize
Founded in 1956 by a gift of £100 from Miss Dorothy M. Shoppee. The capital fund was augmented by a further donation of £100 in 1962.

Awarded annually for proficiency in the subject Pharmaceutical Chemistry on the recommendation of the Professor of Pharmaceutical Chemistry. The prize is awarded in the fourth year honours course except where the Professor of Pharmaceutical Chemistry considers that no candidate is worthy when it may be awarded to a student completing the course Pharmaceutical Chemistry II. Value, $60.

Slade Prizes
Founded in 1886 by a gift of £250 from G. P. Slade, Esq., for the encouragement of Science.

Six prizes are awarded for proficiency in Chemistry II Practical, Physics II, Geology II Practical, Geography I Practical, Biochemistry I, Biology I Practical. Value, $80 each.

Sydney Chinese Association Prize
For conditions of award see under *Microbiology* in this section.

2. BACHELOR OF PHARMACY

Pharmaceutical Society of New South Wales, Prizes
Three prizes donated annually by the Pharmaceutical Society of New South Wales, one each for proficiency in the Junior, Intermediate and Senior courses in the Bachelor of Pharmacy courses. Each prize consists of suitable reference books to an approximate value of $70.

Board of Studies in Social Work

Frances Mary Gillespie Prize in Medical Social Work[1]
Established in 1964 by a gift of £150 from the Medical Social Work Group of the Australasian Association of Social Workers, New South Wales Group, to perpetuate the name of the Gillespie family in recognition of the support they gave in the establishment and development of medical social work in this State.

Awarded annually to the most proficient student specialising in medical social work in the final year, if of sufficient merit. Value, $45.

Laura Bogue Luffman Memorial Prize
Established in 1955 by money subscribed for a memorial to Mrs Laura Bogue Luffman, who for many years worked for improving the status of women.

Awarded annually on the recommendation of the Head of the Department of Social Work to the student who obtains the best results in the course Social Work Practice I, provided the student's work is of sufficient merit. Value, $85.

Scholarship in Social Studies[1]
Established in 1941 by a gift of £66 15s. 3d. from the Board of Social Study and Training for a revolving scholarship for students proceeding to the Diploma in Social Studies.

One loan, up to $40, may be granted each year to a student of second or third year status. Loans granted are repayable without interest two years after graduation.

Faculty of Veterinary Science

Australian Equine Veterinary Association Prize
Established in 1982 by the offer of an annual donation by the Australian Equine Veterinary Association.

Awarded on the recommendation of the Dean of the Faculty of Veterinary Science to the candidate in the fifth year of the Bachelor of Veterinary Science degree course who demonstrates the greatest proficiency in written and practical work in equine medicine, surgery and reproduction, provided that the student's work is of sufficient merit. Value $100, either in books or in cash, and a certificate provided by the Australian Equine Veterinary Association.

Australian Veterinary Association Prize for Undergraduates
Established in 1955, this prize is awarded annually by the Australian Veterinary Association, on the recommendation of the Dean of the Faculty of Veterinary Science, to the outstanding student, if of sufficient merit, in Veterinary Pathology.

The prize shall be a suitable book selected by the prizewinner and approved by the President of the Australian Veterinary Association.

Australian Women's Veterinary Auxiliary (N.S.W. Division) Prize
Established in 1968 this prize is awarded annually by the Australian Women's Veterinary Auxiliary (N.S.W. Division) to the student obtaining the highest marks in the course Veterinary Clinical Pathology in fourth year, provided the student's work is of sufficient merit. Value: Voucher drawn on Ramsay Surgical Pty Ltd to the value of $30.

Australian Women's Veterinary Auxiliary (N.S.W. Division) Prize for Third Year Students
Established in 1972, this prize is presented by the Australian Women's Veterinary Auxiliary (N.S.W. Division) to the student who has shown the greatest improvement in third year, having passed second year at the annual examinations with an average mark of not more than 60 per cent. Students who have repeated second or third year are ineligible for this prize. Value, $30, for the purchase of books.

Baker and Ridley Memorial Prize
Founded in 1924 by a gift of £100 (with accumulations) from the Veterinary Association of New South Wales to establish a prize in memory of Captains Horace Morgan Baker and William John Ridley, members of the Association and graduates in Veterin-

[1] Conditions under review.

[1] Conditions under review.

ary Science of the University who were killed on active service.

The conditions of award are as follows:

(1) That a prize of $100 shall be awarded annually. Any accumulations are to be added to the capital sum with a view to providing a scholarship in the future.

(2) The prize shall be awarded to the student in the Faculty of Veterinary Science showing the greatest proficiency in Animal Husbandry, including breeds and breeding, stable management, horse-shoeing, hygiene and dietetics, special attention to be given to knowledge of the application of the principles of Animal Husbandry under Australian conditions.

(3) The prize shall be awarded by the Faculty at the conclusion of the professional examination at the end of the third year on the recommendation of the lecturer and co-examiner in each of the subjects included.

(4) In the event of no candidate reaching the desired standard of efficiency in any year, the prize shall not be awarded for that year.

Harrie Barrett Bursary
For conditions of award see under *Bursaries* in this section, above.

H. G. Belschner Prize for Proficiency in Sheep and Wool
Established in 1959 by a gift of £200 from H. G. Belschner, DVSc.

Awarded annually to the first year student in the Faculty of Veterinary Science showing the greatest proficiency in Sheep and Wool. Value, $50.

Bloodhorse Breeders' Association of Australia (New South Wales Division) Prize
Established in 1963, this prize is awarded annually by the Bloodhorse Breeders' Association of Australia (New South Wales Division) to the fifth year student showing the greatest proficiency in those parts of the curriculum dealing with the handling and management and medical and surgical diseases of the horse.

The prize is awarded by the Faculty at the conclusion of the professional examination at the end of the fifth year on the recommendation of the lecturers and examiners in the subjects of Animal Husbandry, Veterinary Medicine and Veterinary Surgery.

In awarding the prize the relevant portions of the curriculum are weighted so that proficiency in Animal Husbandry I, Veterinary Medicine, Veterinary Surgery, and the fifth year practical examination each count 25 per cent of the total. Value, $100.

Carnation Prize in Animal Nutrition
Established in 1959 by the offer of an annual donation of £10 10s. from K9 Distributors Pty Ltd. The donors, now known as Carnation Company Pty Ltd, in 1974 increased the value of the prize to $25.

Awarded on the results of the second year annual examinations in the Faculty of Veterinary Science to the student showing the greatest proficiency in the Principles of Nutrition. Value, $25.

Commonwealth Bureau of Animal Health Prize
Established in 1962 by an offer from the Commonwealth Bureau of Animal Health to donate an annual book prize.

Awarded to the student from the Faculty of Veterinary Science who shows the greatest proficiency in Veterinary Surgery at the fourth year examinations. Value, $40.

Cooper Australia Ltd Prize
Founded in 1912 by a gift of £100 from Messrs William Cooper and Nephews, for the foundation of a prize in Veterinary Science.

It is awarded to a student of the fourth year in Veterinary Parasitology. Value, $150.

Country Life Newspapers Prize in Veterinary Anatomy
Founded in 1967 by an offer from Country Life Newspaper Co. Ltd to donate $20 per annum.

Awarded annually to the student most proficient in Veterinary Anatomy at the second year examination, provided that he be of sufficient merit. Value, $20.

Farr Memorial Fund
Established in 1941 by a gift of £50 from Miss Kathleen Farr for a prize in memory of her parents.

The prize is awarded to the First Year Veterinary Science student who shows the greatest proficiency in the written examination in Animal Husbandry concerned with horses, provided the student's work is of sufficient merit. Value, $30.

John Gurner and Frederick Ebsworth Scholarship
Founded in 1934 by a bequest of £1000 from the late Rebecca Ann Ebsworth for the establishment of a scholarship to be called the John Gurner and Frederick Ebsworth Scholarship, in memory of her late father and husband.

Until 1974, one scholarship, valued at $60 was awarded in the Faculty of Veterinary Science at the first year examination for proficiency in Chemistry, Physics and Biology.

In 1974, it became possible to offer three scholarships, one to be awarded for proficiency in Chemistry, one for proficiency in Physics and one for proficiency in Biology at the first year examination in the Faculty of Veterinary Science. Value, $250 each.

The scholarships are tenable for one year and the scholars are required to continue their studies with a view to graduation in Veterinary Science.

Dr Don Lamond Memorial Fund
Established in 1979 by a donation of $6125 from his widow in memory of the late D. R. Lamond, DVSc, the income from the Fund will provide bursaries for the maintenance, education and benefit of undergraduate students in the Faculty of Veterinary Science.

Lonsdale Prizes for Clinical Studies
Established in 1977 by a bequest of $5000 from the estate of the late Lionel Lonsdale.

The prizes to be awarded annually to two students showing the greatest proficiency in Clinical Studies at the end of fourth year provided they are of sufficient merit, on the recommendation of the head of the department. Value, $270 and $135 respectively.

William James McHugh Prize
Established in 1981 by a donation of $2000 from J. Bruyn, a recent graduate in the Faculty of Veterinary Science.

Awarded annually on the recommendation of the Faculty's Essay Committee to the Fourth or Fifth Year undergraduate student in Veterinary Science who prepares the best case report in equine medicine or surgery, provided the entry is of sufficient merit. Value, $150.

Martin McIlrath Scholarships
Scholarships are tenable in each year in the Faculty of Veterinary Science and in the Faculty of Agriculture.

For conditions of award see under *Agriculture*, above.

Mayfair Foods Pty Ltd Prize
Established in 1969 by an offer from Mayfair Foods Pty Ltd to donate an annual prize.

Awarded to the student who shows the greatest proficiency in questions set on pig medicine in the final year examination in Veterinary Medicine and practical work involving pigs, provided he is of sufficient merit. Value, $50.

Jack Moran Prize in Meat Inspection
A prize of $20 given by Mrs Amy C. M. Moran for the best student in the Faculty of Veterinary Science in the field of Meat Inspection within the course of Veterinary Public Health.

The prize is to be awarded on the recommendation of the Professor of Veterinary Pathology.

H. C. Moulder Prize for Veterinary Microbiology
Established in 1959 by an offer from the Council of Advice to the Pastures Protection Boards of New South Wales of an annual donation of an amount of between $50 and $60 to commemorate the work of the Hon. Henry Clements Moulder, of Condobolin.

Awarded annually to a student in the third year of the course in the Faculty of Veterinary Science for proficiency in Veterinary Microbiology.

Virginia Osborne Prize for Anatomy of the Horse
Established in 1982 by a gift to the University of $1300 from Miss V. E. Osborne, who had been a member of the teaching staff of the University since 1947 and Associate Professor in Veterinary Anatomy from 1980 to 1982. The gift was augmented by a further donation of $1300 from a fund to which many of her former students and professional associates had contributed to commemorate her long association with the teaching of anatomy, and particularly that of the horse.

Awarded annually on the recommendation of the head of the Department of Veterinary Anatomy to the candidate in the second year of the Bachelor of Veterinary Science degree course who shows the greatest proficiency in studies of the anatomy of the horse, provided that the student's work is of sufficient merit. Value, $200.

W. R. Sidman Memorial Prize awarded by the N.S.W. Division of the Australian Veterinary Association
Established in 1971 by an offer from the N.S.W. Division of the Australian Veterinary Association to donate an annual prize known as the prize awarded by the N.S.W. Division of the Australian Veterinary Association. In 1972, the title of the prize was amended to read the W. R. Sidman Memorial Prize awarded by the N.S.W. Division of the Australian Veterinary Association.

Awarded to the student, provided he is of sufficient merit, who shows the greatest proficiency in clinical studies in Veterinary Science IV, based on the recommendations of the Heads of the Departments of Veterinary Medicine and Veterinary Surgery and the Superintendent of the Sydney Clinic.

The award will take the form of expenses for attendance at the following Annual General Meeting and Conference of the Federal Body of the Australian Veterinary Association.

In the event of the student being prevented from attending the meeting and conference, the N.S.W. Division of the Australian Veterinary Association may, on the advice of the President, after consultation with the Dean of the Faculty of Veterinary Science, offer a cash prize for the purchase of books. Approximate annual value, $100.

Stewart Prize in Veterinary Medicine
Established in 1960 by a bequest of £500 from the late Emeritus Professor J. D. Stewart.

Awarded, on the recommendation of the Head of the Department of Veterinary Clinical Studies to the student showing the greatest proficiency in Veterinary Medicine at the fourth year examination. Value, $135.

J. D. Stewart Essay Prize
Established in 1939 by a gift of £100 from Professor J. D. Stewart.

Awarded annually to the final year student in Veterinary Science who submits the best essay on a subject included in the curriculum. Value, $30.

S. T. D. Symons Prize
Founded in 1934 by a bequest of £600 from the late Sydney Thomas Doidge Symons, MRCVS, Chief Inspector of Stock in New South Wales from 1909 to 1923, to establish an annual prize for the best clinical student at the Veterinary School in the University of Sydney.

The conditions of award are:

(1) The present value of the prize shall be not more than $400, and any accumulation shall be added to the capital sum with a view to increasing the value of the prize in future.

(2) The prize shall be awarded on the recommendation of the Dean of the Faculty of Veterinary Science, after consulting the lecturers, to the most proficient student in clinical subjects in the Final Year who satisfactorily completes the full courses prescribed in the curriculum and is eligible for admission to the degree of Bachelor of Veterinary Science.

(3) In the event of no student reaching the desired standard of proficiency in any year, the prize shall not be awarded for that year.

Uncle Ben's of Australia Pty Ltd Prize
Established in 1969 by an offer from Uncle Ben's of Australia Pty Ltd, to donate an annual prize.

Awarded to the fourth year student who shows the greatest proficiency in small animal medicine, provided he is of sufficient merit. Value, $50.

(2) BY DEPARTMENT

Anthropology

Frank Albert Prizes
Founded in 1927 by a gift of £100 from Frank Albert of Sydney, to establish annual prizes for distinction in Anthropology I and Anthropology II. Value, $45 each.

Frank Bell Memorial Prize
Established in 1967 by an offer from the Anthropological Society of New South Wales of an annual donation of $50.

Awarded annually to the most outstanding Anthropology student of the year, if of sufficient merit, on the recommendation of the head of the Department of Anthropology.

Marion Lucy Whitford Dallison Prize in Anthropology
Established in 1980 by the donation of $500 from Miss Kathleen Barnes in memory of Miss Marion Lucy Whitford Dallison, who graduated MA from this University in 1937.

Awarded every second year on the recommendation of the head of the Department of Anthropology to the undergraduate or postgraduate student enrolled in Anthropology at the University who writes the best essay within the area of Social Anthropology, Prehistory or Anthropological Linguistics. Value, $75.

Richard B. Davis Prize
Established in 1982 by an endowment of $1000 by the Trustees of the Richard B. Davis Memorial Fund in memory of Dr Richard B. Davis who completed his PhD Degree at the University of Sydney in 1974 and died in 1981.

Awarded annually on the recommendation of the head of the Department of Anthropology for the best thesis submitted by a candidate for the fourth year of a Bachelor of Arts degree on an Asian topic in the Department of Anthropology, provided the candidate's work is of sufficient merit. Value, $100.

Archaeology

J. R. B. Stewart Prize
Founded in 1971 by a gift of $300.72 from the widow, colleagues and friends of the late Professor J. R. B. Stewart to establish a prize in his memory.

The prize is awarded annually to the best student in the Near Eastern section of the second or third year courses in Archaeology. Value, $25.

Astronomy

Henry Chamberlain Russell Prize
Founded in 1912 by a gift of £200 from Mrs H. C. Russell for the foundation of an annual prize for Astronomy, in memory of her late husband, H. C. Russell, CMG, BA, FRS, formerly Government Astronomer of New South Wales and a Fellow of the Senate.

Awarded for an essay, a thesis or research report on an Astronomical subject written by a student enrolled for a degree within the University. If in the judgment of the head of the department in which the student is enrolled the essay merits consideration for an award, then the head of the department will forward the essay to the Dean of the Faculty of Science to reach him before the first day of Lent Term each year. The Dean shall nominate a committee of three appropriate members of staff who shall examine the essay submitted and make such recommendation for the award and value of the prize as they see fit. The prize shall be of the value in the range of $100 to $750.

Biochemistry

Roslyn Flora Goulston Prize
Established in 1946 by a gift of £500 from Mrs Daphne Luber in memory of her sister, Roslyn Flora Goulston. A further £250 was received in 1947.

Awarded for distinction in Biochemistry II to an undergraduate in Science who intends proceeding to a BSc degree with honours in that subject. Value, $350.

Biology

Collie Prize
Founded in 1892 by a bequest from the Reverend Robert Collie, FLS, of Newtown to foster interest in Botany.

Awarded to the student obtaining the highest aggregate mark in the annual examination for Biology I. Value, $125.

Dental Alumni Society Prize III
For conditions of award see under *Dentistry* in this section.

John H. Elliott Memorial Prize
Established in 1980 in memory of the late John H. Elliott, Deputy Registrar (Staffing), who died suddenly in October 1978.

Awarded annually to the honours student in the School of Biological Sciences who submits the best thesis on any aspect of animal biology, provided that the student's thesis is of sufficient merit. Value, $100.

Haswell Prize
Founded in 1927 by a gift of £104 from subscribers to a fund for the foundation of prizes in Zoology, in memory of the late Professor William A. Haswell, MA DSc, FRS, Professor of Zoology from 1890 to 1917.

Awarded annually for proficiency in Biology IIIE on the recommendation of the head of the School of Biological Sciences. Value, $80.

Botany

G. S. Caird Scholarship
Awarded to a third year student in Botany who intends to proceed to the fourth year honours course, and who, in the opinion of the Professor, has shown unusual merit in the third year work.

In the event of there being no suitable student proceeding to fourth year, the scholarship may be awarded to the best second year student proceeding to the third year course in Botany, who, in the opinion of the professor, has shown unusual merit in second year work. Value, $150, tenable for one year.

E. N. (Ted) O'Reilly Memorial Prize
Established in 1944 by a gift of £200 from the Sydney University Biological Society in memory of the late E. N. (Ted) O'Reilly. In 1954 the fund was augmented by the gift of £50 from the parents of E. N. O'Reilly.

Awarded annually to the student completing Botany III in the Faculty of Science (including Forestry) who has most distinguished himself in Plant Physiology, if of sufficient merit. Practical and theoretical work in second and third year is taken into account and if two students are equal the prize may be divided. In the event of the prize not being awarded in any one year, an additional prize may be awarded the next year or the value of the prize may be increased. Value, $100.

Eva Saunders Memorial Prize
Established in 1939 by a gift of £110 from the Shirley Old Girls' Union in memory of the late Miss Eva F. Saunders.

The prize is awarded annually to a third year woman student for proficiency in Botany II or III. Value, $40.

Chemistry

G. S. Caird Scholarships
Founded in 1886, by a gift of £1000 from George S. Caird, for the encouragement of the study of Chemistry. Formerly awarded at the second year examination in the Faculty of Science, for proficiency in Chemistry. From 1926 awarded at the third year examination to a student of Chemistry III or of Organic Chemistry (Pure and Applied), proceeding to the honours course in Chemistry or Organic Chemistry.

From 1937 Major and Minor scholarships, one at $600 and three at $400, tenable for one year, are awarded at the third year examination in the Faculty of Science to students proceeding to the honours courses in Chemistry and Organic Chemistry, respectively.

CSR Chemicals Prize
Established in 1964 by an offer from CSR Chemicals Ltd to donate £50 per annum.

Awarded annually to the honours student in any branch of Chemistry, who, in the opinion of the head of the School of Chemistry, has obtained the highest placing for the year at the examination for the BSc honours degree. Value, $200.

Frank E. Dixon Scholarship
Founded in 1929 by a legacy of £500 from the estate of the late F. E. Dixon for the establishment of a scholarship or prize in Chemistry or a branch of chemical science.

The scholarship is awarded annually at the third year examination in the Faculty of Science to a student proceeding to the honours course in Chemistry. Value, $450, tenable for one year.

Charles E. Fawsitt Prize
Established in 1948 by a gift of £183 from the Charles E. Fawsitt Prize Fund.

The prize is awarded for proficiency in Chemistry at the first year examination. Value, $90.

Edna Maude Goulston Prize in Organic Chemistry
Established in 1966 in memory of and under a bequest from the late Edna Maude Goulston to provide a Scholarship in the Department of Organic Chemistry.

Awarded annually to a student on the results of the fourth year (honours) examination in Organic Chemistry, provided that he be of sufficient merit. Value, $200.

Arthur Hollis Memorial Prize
Established in 1962 by a gift of £420 from colleagues, friends, and relatives, as a memorial to the late Arthur Hollis, MSc, a university medallist, who died whilst a postgraduate student in Organic Chemistry.

Awarded annually to the student in Science II gaining the highest aggregate mark (Theory and Practical) in Organic Chemistry IIB in the subject Chemistry II at the annual examination. Value, $80.

Inglis Hudson Scholarships
Founded in 1936 by a bequest of £1000 from the late George Inglis Hudson for the establishment of prizes in Organic Chemistry at the University of New South Wales and the University of Sydney.

The University of Sydney awards three scholarships on the results of the third-year examination in the Faculty of Science to students who are proceeding to the honours course in Organic Chemistry. Value, one at $200 and two at $100 each, tenable for one year.

Iredale Prize
Established in 1973 from the proceeds of an appeal, amounting to $711 by the Sydney University Chemical Society to commemorate the work of the late Dr Thomas Iredale.

Awarded annually on the recommendation of the head of the Department of Physical Chemistry to the student with the most outstanding performance in Physical Chemistry in either of the courses Chemistry II or Chemistry II Long. Value, $70.

Levey Scholarship
Founded by Solomon Levey by a gift of £500 (with accumulations) as an endowment for the education of orphan boys in the Sydney College. In 1853 the fund was transferred to the University as an endowment for a scholarship. Up to 1878 this scholarship was awarded for general proficiency at the matriculation examination.

Three scholarships are awarded.

(1) The Levey Scholarship — Award No. 1 is awarded for proficiency in Physics I to a student in the Faculty of Arts, Science or Engineering who is proceeding to Physics II. Value, $400.

(2) The Levey Scholarship — Award No. 2 (Major) is awarded for proficiency in Chemistry I to a student in the Faculty of Arts, Science or Engineering who is proceeding to Chemistry II. Value, $250.

(3) The Levey Scholarship — Award No. 3 (Minor) is awarded for proficiency in Chemistry I to a student in the Faculty of Arts, Science or Engineering who is proceeding to Chemistry II. Value, $150.

C. H. Wilson Prize
Established in 1968 by a bequest of $500 from the late Clive Henry Wilson.

The prize is to be awarded to the student graduating in first position with first class honours in Organic Chemistry in the BSc (Hons) examination in the Faculty of Science. If no first class honours are awarded in any year, the income for that year is to become part of the principal. Value, $50.

Classics

Backhouse Prize
For conditions of award, see under *Prize Compositions* at the end of this section of the Calendar.

Cooper Scholarships
Founded in 1857 by a gift of £1000 (with accumulations) from Sir Daniel Cooper, Bt, for the encouragement of Classical Literature.

Cooper Scholarship, No. I
Awarded at the second year examination for proficiency in Classics. Value, $250, tenable for one year.

Cooper Scholarship, No. III
Awarded at the first year examination for proficiency in Classics. Value, $250, tenable for one year.

Cooper Scholarship, No. IV
Awarded at the third year examination for proficiency in Classics. Value, $250, tenable for one year.

Computer Science

Ian Jackson Memorial Prize
Established in 1980 in memory of Ian Jackson, Lecturer in Computer Science from 1973 to 1980, by a donation of $500 by the Sydney University Computer Science Undergraduates Club.

Awarded annually on the recommendation of the head of the Department of Computer Science for proficiency in third year Computer Science, provided that the candidate's work is of sufficient merit. Value, $40.

Economic History

Sir Hermann Black Prize in Economic History
Established in 1981 by an anonymous donation of $1500 to be used for a purpose determined by the Vice-Chancellor.

Awarded annually in the Department of Economic History to the student proceeding to the degree of Bachelor of Economics or Bachelor of Arts whose work throughout three years of study in the Department of Economic History is, on the recommendation of the head of the department, considered the best, provided the candidate's work is of sufficient merit. Value, $100.

Economic Statistics

Applied Statistics Prize
Established in 1982 by the offer of an annual donation of $100 from an anonymous donor for a prize in Economic Statistics. The objective of the prize is to encourage an interest in applied research using official statistics.

Awarded annually on the recommendation of the head of the Department of Economic Statistics to the student who is most distinguished in Economic Statistics III Advanced, provided that the student's work is of sufficient merit. Value, $100.

Professor R. S. G. Rutherford Prizes
Established in 1981 by graduates in the Department of Economic Statistics who have donated to a fund to establish two annual prizes in honour of Professor R. S. G. Rutherford who retired from the Chair of Economic Statistics at the end of 1980.

Awarded annually on the recommendation of the head of the Department of Economic Statistics to the most proficient student in each of the courses Economic Statistics II and Economic Statistics III, provided the work is of sufficient merit. Value, $50 each.

Education

Headfoot School Prize
In 1928 an amount of £61 was received through Dr R. T. Wade, to be used at the discretion of the Senate. In 1959 this sum, plus accrued interest, totalled about £150 and, with Dr Wade's consent, an annual prize was established to be awarded at the third year examination in the Faculty of Arts for proficiency in Education. Value, $65.

Sydney University Education Society Prizes
In 1956 the Sydney University Education Society offered to provide each year two prizes to be awarded to the most proficient pass students in Education II, and Education III. Value, $25 each.

English

Thomas Henry Coulson Scholarship
Founded in 1916 by a gift of £1000 from the executors of the will of the late Miss Mary Jane Coulson, in memory of her brother.

Awarded in Course II to a student of six terms' standing in the Faculty of Arts for distinction in the study of English Language and Literature. Value, $80, tenable for one year. The scholar is required to attend the course of English III during his tenure of the scholarship.

Coutts Scholarships
Founded in 1905, by a gift of £2700 from Mrs Janet Coutts, widow of the late John Coutts. The deed of gift provides for the establishment of two Scholarships, to be called respectively the James Coutts Scholarship and the John Coutts Scholarship, in memory of the donor's deceased sons, who were graduates of the University. The John Coutts Scholarship is awarded in the Faculty of Science.

James Coutts Scholarship, No. I
Awarded at the third year examination in the Faculty of Arts for distinction in the study of the English Language and Literature. Value, $100, tenable for one year. The scholar is required to attend the honours year in English during his tenure of the scholarship.

James Coutts Scholarship, No. II
Awarded at the fourth year examination in the Faculty of Arts for distinction in the study of the English Language and Literature. Value, $100, tenable for one year.

Margaret Cramp Memorial Prize
Established in 1945 from part of a gift of £100 from the Evening Students' Association.

Awarded annually to a first year woman evening student for proficiency in English I, in memory of Margaret Cramp, a former evening student and Library Assistant in the Fisher Library. Value, $15.

Evening Students' Association Prize[1]
In 1942 the Evening Students' Association made a gift of £100 to provide three annual prizes for evening students. The Association had previously made an annual gift for the payment of the prizes.

One prize is awarded annually to an evening student for proficiency in English III. Value, $15.

MacCallum Prize
Founded in 1920 by a gift of £200, from undergraduates in the Faculty of Arts, and some others, as a means of perpetuating in honour of Professor M. W. MacCallum, MA LLD, the prize-giving in English Literature instituted and continued by him during his thirty-four years' occupation of the Chair of Modern Literature.

Awarded at the first year examinations in the Faculty of Arts, for proficiency in English Literature. Value, $50.

Australian Federation of University Women Prize in English
A prize originally of £2 2s., given by the New South Wales Association of University Women Graduates, awarded to a woman undergraduate in the second year

[1] Currently under review.

of the Faculty of Arts whose essays are adjudged best, if of sufficient merit. Value, $40.

N.S.W. Institute of Journalists' Prize
Established in 1956 by the gift of £65 from the New South Wales Institute of Journalists for the purpose of endowing an annual prize to be known as the New South Wales Institute of Journalists' Prize.

Awarded annually to the student showing the greatest proficiency in Australian Literature within the Department of English. Value, $25.

Dr Colin Roderick Prize
Details of the Dr Colin Roderick Prize may be found under *Postgraduate Scholarships and Prizes, Faculty of Arts*.

Maud Stiles Prize
Founded in 1915 by a gift of £115 from Mrs Stiles (formerly Headmistress of Normanhurst, Ashfield).

It is awarded annually for proficiency in English to a woman student of the first year. Value, $35.

Sydney University Arts Association Prize
Established in 1967 by an offer from the Sydney University Arts Association of an annual donation.

Awarded annually to a student in English III (pass course) and History III (pass course) in alternate years, on the recommendation of the head of the department concerned, provided there be a student of sufficient merit. Value, $100.

Josiah Symon Scholarship
Founded in 1922 by a gift of £1000 from Sir Josiah Symon, KC, of Adelaide, for the foundation of a scholarship in English.

Awarded for English I in the Faculty of Arts for distinction in the study of English Language and Literature. The award will be made to a student of three terms' standing, upon the recommendation of the professors of English Language and Literature, and will have reference to proficiency in spoken as well as in written English. Value, $90, tenable for one year.

The scholar is required to attend the course of English II during his tenure of the scholarship.

University Prize for English Verse
For conditions of award see under *Prize Compositions* at the end of this section of the Calendar.

Fine Arts

Kathleen Garnham Laurence Prize
Founded in 1971 by the gift of $500 from Miss K. J. Laurence to establish a prize in memory of her aunt Kathleen Garnham Laurence.

Awarded annually to the most proficient first year student at the annual examination in Fine Arts I. Value, $100.

Mary Makinson Prize
Founded in 1971 by a gift of $500 from Miss K. J. Laurence to establish a prize in memory of her aunt, Mary Makinson.

Awarded annually to the most proficient fourth year student at the annual examination in Fine Arts IV. Value, $30.

French

Pechiney Australia Prize
Established in 1974 by a donation of $500 from Pechiney Australia Pty Ltd and further subsequent annual donations.

Awarded annually on the recommendation of the head of the Department of French Studies, on the basis of work done during the year and the annual examinations, to the most proficient student in the course French IIIB provided the student's work is of sufficient merit. Value, $200.

BNP Prize
Established in 1974 by a donation of $500 from the Banque Nationale de Paris.

Awarded annually, on the recommendation of the head of the Department of French Studies, on the basis of work done during the year and the annual examinations, to the most proficient student in French IIB provided the student's work is of sufficient merit. Value, $30.

Garton Scholarships
Founded in 1898 by a bequest of £2050 from the late Thomas Garton of Clapham, London, for the establishment of scholarships for French and German and for Ancient History, or other subjects at the discretion of the Senate. Under the powers granted in the will, the Senate has determined to apply the fund to the foundation of scholarships for French and German.

Garton Scholarship, No. 1
The scholarship is awarded on the recommendation of the head of the Department of French Studies for proficiency in the course French IA. Value, $850, tenable for one year.

The scholar is required to attend the course French IIA during the tenure of the scholarship.

Garton Scholarship, No. 2
The scholarship is awarded on the recommendation of the head of the Department of French Studies for proficiency in the course French IIA. Value, $850, tenable for one year.

The scholar is required to attend the course French IIIA during the tenure of the scholarship.

Lithgow Scholarship, No. II
Awarded on the recommendation of the head of the Department of French Studies on the third year examination for proficiency in French IIIA. Value, $600, tenable for one year.

The scholar is required to attend the Honours IV year in French during the tenure of the scholarship.

Helen Simpson Prize
Established in 1937 by a gift of £150 from Miss Helen Simpson.

The prize is to be awarded annually for a French essay upon some aspect of the work of a French writer, the competition for the prize to be open only to candidates for the honours degree of Bachelor of Arts who have entered upon the final year of that course. Value, $90.

Total Australia Prize
Established in 1974 by a donation of $500 from Total Australia Ltd.

Awarded annually on the recommendation of the head of the Department of French Studies, on the basis of work during the year and the annual examinations, to the most proficient student in the course French IB provided the student's work is of sufficient merit. Value, $40.

Geography

G. S. Caird Scholarship
Awarded to a matriculated student of the Faculty of Science or of the Faculty of Arts for proficiency in the final examination in Geography III.

The scholar is required to undertake research in the Department of Geography during the year following the award.

If there should be no suitable candidate at the third year examination, the scholarship may be awarded at the second year (Geography II) examination. In this latter case the scholar shall attend the full course in Geography III. Value, $150, tenable for one year.

Edgar Ford Memorial Scholarship
Established in 1982 as a memorial scholarship by a donation of $2550 from the family, friends and colleagues of Edgar Ford, noted geographer, cartographer and teacher, to encourage the study of geography.

Awarded annually on the recommendation of the head of the Department of Geography to the candidate for a Bachelor's degree who enrols in a fourth year honours course in Geography in the year of award and who has shown greatest proficiency in Geography IIIP, provided that the candidate's work is of sufficient merit. Value, $180.

Professor James Macdonald Holmes Prize
Established in 1963 by a donation of £100 by P. A. Yeomans to commemorate the work of Professor James Macdonald Holmes.

The prize to be awarded to the student who gains the highest marks in the Geography I examination in the Faculty of Arts. Value, $20.

W. H. Maze Prize in Geography II
Established in 1978 to commemorate the contribution made by Mr W. H. Maze to Australian geography. Mr Maze was on the staff of the Department of Geography from 1935 to 1947 as Demonstrator, Assistant Lecturer, Lecturer and Senior Lecturer. He was subsequently Deputy Registrar (1947–50), Registrar (1950–55), Assistant Principal (1955–68) and Deputy Principal from 1968 until his retirement in 1973.

Awarded annually on the recommendation of the head of the Department of Geography to the most proficient student in Geography II, if the student's work is of sufficient merit. Value, approximately $150.

Rev. A. S. McCook Memorial Scholarship
Established in 1954 by a gift of £1200 from Mrs Jessie McCook to found a scholarship for Geography in memory of her late husband, the Rev. Adam Stuart McCook, BA.

The scholarship is to be awarded on the results of the third year examinations to a student proceeding to honours in Geography in the Faculty of Arts or Science to assist him in the payment of expenses connected with field work required for the completion of his honours thesis. Value, $500.

Professor Griffith Taylor Prize
Established in 1957 by the donation of £100 by Miss Evelyn N. Legg to commemorate the work of Professor Griffith Taylor.

The prize is to be awarded to the woman student who gains the highest marks in the Geography I examination in the Faculty of Science. Value, $30.

Geology

Olga Marian Browne Prize
Established in 1949 by a gift of £100 from Dr W. R. Browne and his daughters for a prize in memory of his wife.

The prize is awarded to the second year Geology student who submits the best report on field work done on the annual Geology excursion. Value, $50.

Leo A. Cotton Prize in Exploration Geophysics
Established in 1969 as a memorial to Professor Leo A. Cotton, Professor of Geology in the University from 1925 to 1948 and Emeritus Professor until his death in 1963. Professor Cotton was a pioneer in Geophysics Research in the University.

To be awarded annually in the Department of Geology and Geophysics for proficiency in senior year studies in the field of Exploration Geophysics. Annual value, $50. If the departmental committee of award does not make a recommendation for the prize in any year, it may, at its discretion make a second award in any subsequent year.

Earth Resources Foundation Scholarships
Established in 1981 by the Earth Resources Foundation within the University of Sydney to provide undergraduate scholarships to encourage the study of geology and geophysics.

No. 1 Scholarships
Up to two scholarships to be awarded annually, on the recommendation of the head of the Department of Geology and Geophysics, to students enrolled in the course Geology I, on the basis of academic merit at the HSC examination. The scholarships will be tenable for up to four years provided that the student continues to enrol in succeeding courses in Geology and/or Geophysics as approved by the Head of the Department, passes all courses in which the student has enrolled and obtains a grade of at least credit in the courses Geology and/or Geophysics. Value, $800 per annum.

No. 2 Scholarships
Up to three scholarships to be awarded annually, on the recommendation of the head of the Department of Geology and Geophysics, for proficiency in the course Geology I, provided that the student's work is of sufficient merit and that the student enrols in intermediate courses in Geology or Geophysics for the degree of Bachelor of Science as approved by the head of the department. The scholarships will be tenable for up to three years, provided that the student continues to enrol in succeeding courses in Geology and/or Geophysics as approved by the head of the department, passes all courses in which the student has enrolled and obtains a grade of at least credit in Geology and/or Geophysics. Value, $800 per annum.

No. 3 Scholarships
Up to two scholarships to be awarded annually, on the recommendation of the head of the Department of Geology and Geophysics, for proficiency in the intermediate courses for the degree of Bachelor of Science in Geology and/or Geophysics, provided that the student's work is of sufficient merit and that the student enrols in senior courses in Geology and/or Geophysics for the degree of Bachelor of Science as approved by the head of the department. The scholarships will be tenable for up to two years provided the student passes all courses in which the student has enrolled and obtains a grade of at least credit in the

courses in Geology and/or Geophysics. Value, $800 per annum.

No. 4 Scholarship
One scholarship may be awarded annually, on the recommendation of the head of the Department of Geology and Geophysics, for proficiency in the senior courses for the degree of Bachelor of Science in Geology and/or Geophysics, provided that the student's work is of sufficient merit and that the student enrols in an honours course for the degree of Bachelor of Science in Geology, Applied Geology, Geophysics or Exploration Geophysics. The scholarship will be tenable for one year. Value $800.

A student may not hold more than one Earth Resources Foundation Scholarship concurrently.

Edgeworth David Prize for Palaeontology
Founded in 1934 by a donation of £50 from Dr and Mrs A. A. Pain, to establish a prize in commemoration of the work of the late Emeritus Professor Sir T. W. Edgeworth David at the University.

The prize is awarded annually to a third year student in the Faculty of Science for proficiency in Palaeontology. Value, $40.

Deas-Thomson Scholarship for Geology
The Deas-Thomson Scholarship for Geology shall be awarded for proficiency in Geology to a student graduating with honours in the Faculty of Science who is proceeding to further approved study in any branch of Geology within the Department of Geology and Geophysics of the University. The amount of the scholarship is $400 and is tenable for one year.

Deas-Thomson Scholarship for Mineralogy
Awarded at the third year examination in Geology to a student who proposes to proceed to a degree with Honours in Geology and Mineralogy. Candidates must have passed the examination in Chemistry II, or Physics I or Mathematics II. Value, $200, tenable for one year.

C. E. Marshall Scholarship
Established in 1980 in honour of Emeritus Professor C. E. Marshall, formerly Edgeworth David Professor of Geology and William Hilton Hovell Lecturer, from donations from graduates in Geology and Geophysics.

Awarded annually on the recommendation of the head of the Department of Geology and Geophysics to a student who has shown proficiency in Geology I in his or her first year of enrolment at the University and who proceeds to Geology II, provided that the student's work is of sufficient merit. Value, $400.

Mining and Metallurgical Bursaries
For conditions of award see under *Scholarships and Prizes—Faculty of Engineering*. Value, $200.

Quodling Testimonial Prize
Established in 1963 by a gift of £100 from Miss Florence M. Quodling.

Awarded annually to a student in the Department of Geology and Geophysics for work of merit in Crystallography and Petrology at the end of the third year course. Value, $40.

L. A. Richardson Memorial Prize
Established in 1971 by a gift of $5000 from Peko Wallsend Ltd in memory of the late L. A. Richardson.

Awarded annually to a student in the Faculty of Science who submits the most outstanding thesis in the course Exploration Geophysics honours. If no thesis of sufficient merit is submitted in any one year, the prize for that year may be awarded to the student who shows the greatest proficiency in the senior course Exploration Geophysics. Value, $450.

Sheila Mitchell Swain Memorial Prize
Established in 1946 by a gift of £250 from H. J. Swain, BA *Camb*. BSc BE, in memory of his daughter.

Awarded annually to the third year student in the Faculty of Science who submits the best essay on a Geology field excursion. Value, $140.

University Prize for Geology
A university prize of the value of $10 is awarded to the first year student who gains the highest marks in the class examination in Geology, if of sufficient merit. Prior to 1907 the prize was awarded for proficiency in Physiography.

Germanic Studies

Dr R. G. Crossley Memorial Prize
Established in 1969 by members of the Department of German and former students to commemorate the late Dr R. G. Crossley.

Awarded annually to the best student in Middle High German in the second year honours course, provided that his work is of sufficient merit. Value, $40.

Garton Scholarship, No. IV
Awarded at the first year examination in the Faculty of Arts for proficiency in German. Value, $750, tenable for one year.

The scholar is required to attend the course of German II during his tenure of the scholarship.

Garton Scholarship, No. V
Awarded at the second year examination in the Faculty of Arts for proficiency in German. Value, $850, tenable for one year.

The scholar is required to attend the course of German III during his tenure of the scholarship.

Garton Scholarship, No. VI
Awarded at the third year examination in the Faculty of Arts for proficiency in German. Value, $1100, tenable for one year.

The scholar is required to attend the honours year in German during his tenure of the scholarship.

Goethe Prize for German Studies
Established in 1976 by the offer of an annual prize from the Consul General of the Federal Republic of Germany.

Awarded annually on the recommendation of the head of the Department of Germanic Studies to the best student in German IV, who, in the opinion of the head of the department, does not have an exceptional advantage by reason of prolonged residence in a German-speaking country. Should no student show sufficient merit, the prize may be held over to the following year, when two prizes may be awarded. Value: books valued between $25 and $60.

Christopher Cornelius Lewis Richards Memorial Prize
Established in 1959 by a bequest of £221 19s. 4d. from the late C. C. L. Richards.

The prize is awarded annually, provided there is a student of sufficient merit, to the final year honours student in German who shows the greatest proficiency in the Dutch language. Value, $75.

Government

Emeritus Professor F. A. Bland Prize
Established in 1968 by a bequest of $200 from the late Emeritus Professor F. A. Bland.

Awarded annually to the best student in third year Government in either the Faculty of Arts or the Faculty of Economics, provided he is of sufficient merit. Value, $8.

G. C. Remington Prize
Established in 1968 by the offer from the New South Wales Regional Group of the Royal Institute of Public Administration of an annual donation of $100 to endow a prize in memory of Mr Geoffrey C. Remington, CMG, co-founder of the Institute in New South Wales and Chairman of the Group Council for many years.

Awarded on the recommendation of the Professor of Government and Public Administration to the student in any year who has most distinguished himself in the study of Government, especially in its administrative aspects.

Shell Prize in Government
The prize is awarded to the full-time student graduating as Bachelor of Arts or Bachelor of Economics who shall have most distinguished himself in the School of Governmennt. Value, $100.

Greek

Frederic Spencer Burnell Prize
Established in 1962 by a gift of £100 by Mrs M. K. Burnell to endow an annual prize for the best essay written by a student in Greek II or Greek III. Value, $20.

W. J. Woodhouse Memorial Prize
Established in 1981 in memory of the late W. J. Woodhouse, Professor of Greek from 1901 to 1937, by a donation of $2250 from his daughter, Miss L. Woodhouse.

Awarded annually on the recommendation of the head of the Department of Greek for outstanding work in one of the undergraduate courses in (Ancient) Greek, other than fourth year honours, provided that there is a candidate whose work is of sufficient merit and that the prize is not awarded more than once to the same student.

The prize will take the form of a medal plus a cash award.

Hebrew

Bernard and Lotka Ferster Scholarship in Hebrew
Established in 1977 by a gift of $1000 from Mr & Mrs Bernard Ferster.

Awarded annually to the student who receives the highest aggregate mark at the examination in Hebrew IA or Hebrew IB and who subsequently enrols in Hebrew IIA or Hebrew IIB Honours, provided that the student's work is of sufficient merit. Value, $90.

Percy Joseph Marks Prize
Established in 1950 by a bequest of £1100 from the late P. J. Marks, Esq.

Five prizes of $140 each are awarded annually, on the recommendation of the head of the Department of Semitic Studies, to the best candidate in each of the courses Hebrew IA, Hebrew IB, Hebrew IIA (Modern), Hebrew IIB, (Classical) and Hebrew IIB provided that the candidate's work in each case is of sufficient merit. Should no candidate's work be of sufficient merit in any one of these courses, an additional award may be made to a second candidate in one of the other Hebrew courses listed provided that the second candidate's work is of sufficient merit.

History

Helen Masterton Aberdeen Scholarship
Established in 1946 by a bequest of £1000 from the late Miss Esther Cripps.

Awarded every second year to the most distinguished student of British descent in the Faculty of Arts who is about to proceed to a course of study in British history within the Department of History. Candidates for the scholarship are required to write a special essay on some aspect of British history prescribed by the head of the Department of History. Value, $250.

Helen Newbon Bennett Memorial Prize
Established in 1943 by a gift of £75 from various donors as a memorial to Helen Newbon Bennett, BA 1922, and supplemented in 1979 by the sum of $267.56 from the estate of her late brother, Geoffrey Newbon Bennett. The prize is awarded annually to a third-year undergraduate in History for essays. Value, $70.

Ernest Bramsted Prize
Established in 1970, from contributions to a fund to endow a prize in the Department of History in recognition of the contribution of Associate Professor Ernest K. Bramsted to European Historical Studies.

Awarded annually on the recommendation of the professors of History to a student in History IV for outstanding work in the field of Modern or Medieval European History, provided there is a candidate of sufficient merit. Value, $130.

Charles Brunsdon Fletcher Prize
Established in 1948 by a bequest of £100 from the late Charles Brunsdson Fletcher.

Awarded annually to an undergraduate in Arts for the best thesis involving research in Pacific History. Candidates are not debarred from submitting work undertaken as part of their degree course. Value, $35.

Isabel M. King Memorial Prize
Established in 1960 by a gift of £210 from the Isabel King Memorial Fund Committee.

Awarded annually to the best student in History III in the annual examinations. Value, $50.

Venour V. Nathan Prize
For conditions of award see under *Prize Compositions* at the end of this section of the Calendar.

J. H. M. Nolan Memorial Prize
Established in 1941 by a gift of £150 from Miss V. Nolan.

The prize is awarded annually to the student showing the most promise in any year of the history course. Value, $70.

Maud Stiles Memorial Prize
Established in 1941 by a gift of £130 from ex-pupils of

Normanhurst School for a prize in memory of Mrs Maud Stiles.

The prize is awarded annually to a woman student for proficiency in History II. Value, $35.

Sydney University Arts Association Prize
For conditions of award see under *English* in this section.

George Arnold Wood Memorial Prizes
Founded in 1929 by a gift of £100 from the widow, sister, and family of the late Professor Wood to establish two prizes of $75 each in memory of the professor and in continuance of the prize-giving in history instituted and continued by him during his occupancy of the Chair of History.

One prize is awarded for proficiency in History I and the other for proficiency in History II.

Indonesian and Malayan Studies

Asian Students' Council's 1963 Festival of Asia Prizes
Founded in 1964 by a gift of £650 from the Asian Students' Council of New South Wales to establish two prizes, one in each of the Departments of Indonesian and Malayan Studies and Oriental Studies.

One prize to be awarded annually to the student who most distinguishes himself in the second year honours examination in Indonesian and Malayan Studies, if of sufficient merit. Value, $75.

F. H. van Naerssen Memorial Prize
Founded in 1976 by a gift of $2000 from various donors as a memorial to Fritz Herman van Naerssen, Foundation Professor of Indonesian and Malayan Studies.

Awarded annually in the Faculty of Arts, normally for the purposes of travel, either to the most proficient student in the third year honours course in Indonesian and Malayan Studies, if of sufficient merit, or as a grant-in-aid to a postgraduate student on the recommendation of the head of the Department of Indonesian and Malayan Studies. Value, $150.

Ronald J. Worsley Memorial Prize
Established in 1964 by a gift of £103 3s. from Mrs U. Worsley, to endow a prize in memory of her husband, to be known as the Ronald J. Worsley Memorial Prize.

Awarded annually to the most proficient student in the final year honours course in Indonesian and Malayan Studies. Value, $35.

Industrial Relations

Australian Transport Officers' Federation Prize in Industrial Relations
Established in 1981 by the offer from the Australian Transport Officers' Federation to donate annually the sum of $100 for a prize in Industrial Relations.

Awarded annually on the recommendation of the head of the Department of Industrial Relations, in consultation with the Professor of Industrial Relations, to the candidate in the course Industrial Relations II Normal or Industrial Relations II Advanced who most distinguishes himself or herself in the core section of the course entitled 'Contemporary Industrial Relations: Policies and Perspectives', provided the candidate's work is of sufficient merit.

Commonwealth Bank Officers' Association Prize
Established in 1981 by the offer from the Commonwealth Bank Officers' Association to donate annually the sum of $50 for a prize in Industrial Relations.

Awarded annually on the recommendation of the head of the Department of Industrial Relations to the student who most distinguishes himself or herself in the course Industrial Relations I, provided that the candidate's work is of sufficient merit.

Seamen's Union of Australia Eliot V. Elliott Prize in Industrial Relations
Established in 1981 by a donation of $625 by the Seamen's Union of Australia to establish an annual undergraduate prize of $125 in the Department of Industrial Relations for a period of five years.

Awarded annually, on the recommendation of the head of the Department of Industrial Relations in consultation with the Professor of Industrial Relations, to the candidate in the course Industrial Relations II Normal or Industrial Relations II Advanced who most distinguishes himself or herself in the elective 'The Sociology of Industry and Labour' provided the candidate's work is of sufficient merit.

Italian

Countess E. M. Freehill Prizes in Italian
In 1930, Countess E. M. Freehill, Carmona, Point Piper, gave the University the sum of £1000 to found prizes in Italian and to promote Italian studies in the University.

Countess E. M. Freehill Scholarship, No. I
Awarded at the examination in Italian I in the Faculty of Arts for proficiency in Italian. Value, $115, tenable for one year.

The scholar is required to attend the course in Italian II during his tenure of the scholarship.

Countess E. M. Freehill Scholarship, No. II
Awarded at the examination in Italian II in the Faculty of Arts for proficiency in Italian. Value, $115, tenable for one year.

The scholar is required to attend the course in Italian III during his tenure of the scholarship.

Beatrice Moran Memorial Prize in Italian
In 1930 Dr H. M. Moran, of Macquarie Street, Sydney, gave the University the sum of £1000 to found a prize in Italian and to promote Italian studies in the University, in memory of his sister, Beatrice Annie Moran, who died in 1929.

Awarded at the examination in Italian III in the Faculty of Arts for proficiency in Italian. Value, $200, tenable for one year.

Joseph Sainsbury Prize in Italian Philology
Established in 1977 by an offer of an annual donation of $50.

Awarded annually on the recommendation of the head of the Department of Italian after consulting the lecturer responsible for teaching Philology in Italian IV to the student in Italian IV whose major interest is in Italian Philology and whose work in the area is of sufficient merit. Value, $50.

Latin

Frederick Lloyd Memorial Prize
For conditions of award see under *Prize Compositions* at the end of this section of the Calendar.

Nicholson Medal
In 1866, the sum of £200 was set aside by the Senate for the purpose of permanently founding a medal to be

called the 'Nicholson Medal' in honour of Sir Charles Nicholson, Bt, MD *Edin.* Hon.DCL *Oxf.* Hon.LLD *Camb.*, Provost 1854-1859, Chancellor 1860-1861, to provide an annual prize for Latin verse. The competition for this medal is open to all undergraduates and to graduates of not more than two years' standing. Awarded annually, on the recommendation of the head of the Department of Latin, for either (a) translation of a set piece into Latin verse, or (b) an essay on a prescribed topic in the field of Latin poetry, which may be a regular essay set for Latin IIA, IIB, IIIA or IIIB. Value, $300, now awarded as a cash prize.

Nicholson Scholarships in Latin
Established in 1979 from surplus accumulated income of the fund established for the Nicholson Medal.

Nicholson Scholarship No. IA
Awarded annually in the Faculty of Arts, on the recommendation of the head of the Department of Latin, to the student who enrols in Latin IIA and who demonstrated the greatest proficiency in Latin IA in the previous year, provided that the student's work is of sufficient merit. Value, $300.

Nicholson Scholarship No. IB
Awarded annually in the Faculty of Arts, on the recommendation of the head of the Department of Latin, to the student who enrols in Latin IIB and who demonstrated the greatest proficiency in Latin IB in the previous year, provided that the student's work is of sufficient merit. Value, $300.

Nicholson Scholarship No. IIA
Awarded annually in the Faculty of Arts, on the recommendation of the head of the Department of Latin, to the student who enrols in Latin IIIA and who demonstrated the greatest proficiency in Latin IIA in the previous year, provided that the student's work is of sufficient merit. Value, $300.

Nicholson Scholarship No. IIB
Awarded annually in the Faculty of Arts, on the recommendation of the head of the Department of Latin, to the student who enrols in Latin IIIB and who demonstrated the greatest proficiency in Latin IIB in the previous year, provided that the student's work is of sufficient merit. Value, $300.

Nicholson Scholarship No. III
Awarded annually in the Faculty of Arts, on the recommendation of the head of the Department of Latin, to the student who enrols in Latin IIIA and who demonstrated the greatest proficiency in Latin IIIB in the previous year, provided that the student's work is of sufficient merit. Value, $300.

Nicholson Scholarship No. IV
Awarded annually in the Faculty of Arts, on the recommendation of the head of the Department of Latin, to the student who enrols in Latin IV and who demonstrated the greatest proficiency in Latin IIIA in the previous year, provided that the student's work is of sufficient merit. Value, $300.

Mathematical Statistics

See below under *Statistics*.

Mathematics

George Allen Scholarship
Founded in 1887 by a bequest of £1000 from the Hon. George Allen.

The scholarship is awarded for proficiency in two of the three courses Pure Mathematics III, Applied Mathematics III or Mathematical Statistics III at the annual examination. Prior to 1939 the scholarship was awarded for proficiency in Mathematics I, from 1939 to 1952 it was awarded for proficiency in Mathematics II and from 1952 to 1959 it was awarded for proficiency in Mathematics III. Value, 3 at $300, tenable for one year.

The scholar is required to attend the honours year in Pure Mathematics or Applied Mathematics or Mathematical Statistics during his tenure of the scholarship.

Australian Federation of University Women (N.S.W.) Prize in Mathematics
Established in 1982 by the gift of funds from the Australian Federation of University Women — New South Wales, to mark the centenary of the admission of women to the University of Sydney.

Awarded annually, on the recommendation of the Deans of the Faculties of Arts and Science, to the most distinguished woman candidate for the degree of Bachelor of Arts or Bachelor of Science who graduates with First Class Honours in Applied Mathematics, Pure Mathematics or Mathematical Statistics. Value, $50.

Barker Prize
Awarded at the fourth (honours) year examination for proficiency in Pure Mathematics, Applied Mathematics or Mathematical Statistics. Value, $100.

Barker Scholarships
Founded in 1853 by a gift of £1000 (with accumulations) from Thomas Barker, for the encouragement of mathematical science.

Barker Scholarship, No. I
Awarded at the second year examination for proficiency in mathematics. Value, $400, tenable for one year.

The scholar is required to attend two of the three courses Pure Mathematics III, Applied Mathematics III and Mathematical Statistics III during the tenure of his scholarship.

Barker Scholarship, No. II
Awarded at the first year examination for proficiency in mathematics. Value, $400, tenable for one year.

The scholar is required to attend two of the three courses Pure Mathematics II, Applied Mathematics II and Mathematical Statistics II during his tenure of the scholarship.

K. E. Bullen Memorial Prize
Established in 1979 by public subscription in memory of the late Professor K. E. Bullen, Professor of Applied Mathematics from 1946 to 1971.

Awarded annually on the recommendation of the head of Department of Applied Mathematics to the most proficient student in the 4th Year Honours course in Applied Mathematics provided that the student's work is of sufficient merit. Value, $200.

K. E. Bullen Scholarships
Established in 1982 by public subscription to recognise the work of Professor K. E. Bullen, who was Professor of Applied Mathematics from 1946 to 1971, and to encourage study in Mathematics with particular emphasis on the promotion of excellence in Applied Mathematics.

Total donations have enabled the award of three scholarships and a bursary. The scholarships, which are each fully supported by one donor, have been named for the donor.

K. E. Bullen (Burroughs Limited) Scholarship
Awarded annually on the recommendation of the head of, and professor or professors in, the Department of Applied Mathematics, to the candidate for a bachelor's degree who has demonstrated greatest proficiency in Mathematics I, and who enrols in Applied Mathematics II or Combined Mathematics II in the year of award, provided that the candidate's work is of sufficient merit. Value, $1000.

K. E. Bullen (AGL) Scholarship
Awarded annually on the recommendation of the head of, and professor or professors in, the Department of Applied Mathematics, to the candidate for a bachelor's degree who has demonstrated greatest proficiency in Applied Mathematics II or Combined Mathematics II and who enrols in Applied Mathematics III in the year of award, provided that the candidate's work is of sufficient merit. Value, $1000.

K. E. Bullen (Kinhill Pty Ltd) Scholarship
Awarded annually on the recommendation of the head of, and professor or professors in, the Department of Applied Mathematics, to the candidate for a bachelor's degree who has demonstrated greatest proficiency in Applied Mathematics III, and who enrols in the fourth year honours course in Applied Mathematics, or, if there is no such candidate of sufficient merit, to a candidate enrolled in any other fourth year honours course in Mathematics, provided that the candidate's work is of sufficient merit. Value, $1000.

K. E. Bullen Bursary
Awarded annually on the recommendation of the head of the Department of Applied Mathematics to a candidate for a bachelor's degree enrolled in an Applied Mathematics or Combined Mathematics course who requires financial assistance to meet student expenses and who has, to the satisfaction of the head of the department, demonstrated academic merit in secondary or tertiary study. Value, $300. There may be more than one award each year.

Norbert Quirk Prizes
Founded in 1886 by a gift of £144 from the subscribers to a memorial of the Rev. John Norbert Quirk, LLD, late Principal of Lyndhurst College.

Four prizes each of $85 may be awarded annually, one each for the best essay on a given mathematical subject by a student enrolled in a first year, second year, third year and fourth year course in Mathematics (Pure Mathematics, Applied Mathematics or Mathematical Statistics), provided that the essay is of sufficient merit in each case.

Wadsworth Publishers Prize
Established in 1981 by the offer of Wadsworth Publishing Company (A'Asia) to establish a prize for first year mathematics by the annual donation of a book voucher valued at $125.

Awarded annually, on the recommendation of the heads of the Departments of Applied Mathematics, Mathematical Statistics and Pure Mathematics, to the first year student from any of the aforementioned departments for proficiency in mathematics in examinations, tutorials, assignments and any other work set during the year, provided the candidate's work is of sufficient merit.

Microbiology

New South Wales Branch of the Australian Society for Microbiology Prize
Established in 1975 by an offer from the New South Wales Branch of the Australian Society for Microbiology to establish a prize in microbiology. The prize is to be awarded under the following conditions:

(1) The prize shall be known as the New South Wales Branch of the Australian Society for Microbiology Prize.

(2) The prize shall be awarded annually, rotating in the following order:
The University of Sydney
The University of New South Wales
The N.S.W. Institute of Technology
the first offer being made to a student in the University of Sydney.

(3) The prize will be awarded to a student intending to follow a career in Microbiology and must be taken up while the student is enrolled at the University. Students in any Faculty enrolled for postgraduate degrees in Microbiology in the Departments of Microbiology, Bacteriology and Veterinary Pathology; candidates may include students in the Faculties of Medicine and Veterinary Science who have undertaken research work for the degree of BSc(Med) or BSc(Vet) in Microbiology and undergraduates in their final or honours year in Microbiology in the Faculties of Agriculture and Science.

(4) The prize shall be awarded by a committee consisting of the Deans of the Faculties of Agriculture and Science, and two members of the N.S.W. Branch of the Australian Society for Microbiology on the recommendation of the Heads of the Departments of Microbiology, Bacteriology and Veterinary Pathology.

(5) The value of the prize will take the form of expenses for attendance at the annual scientific meeting of the federal body of the Australian Society for Microbiology.

Sydney Chinese Association Prize
Established in 1969 by a gift of $200 by the Sydney Chinese Association.

Awarded annually on the recommendation of the Professor of Microbiology to the third year student in the Faculty of Science or Agriculture who shows the greatest proficiency in the course Microbiology or Agricultural Microbiology. Value, $20.

Music

Frank Albert Prizes in Music
Founded in 1958 by a gift of £500 from Frank Albert of Sydney, to establish a prize to be awarded to the best student in each year of either the BA or BMus course in music. Value, $30.

Busby Musical Scholarship
Founded in 1910 by a bequest of £500 from the late Miss Francis Mary Busby, to be applied in founding a musical scholarship at the University in such manner and subject to such conditions as the governing body thereof shall from time to time direct.

Prior to 1952 the scholarship was awarded to a matriculated undergraduate with some acquaintance with organ or carillon playing.

The scholarship is now awarded annually on the results of BMus III or music III honours examination to the most deserving student intending to proceed to

BMus IV or Music IV. Value, $650, tenable for one year.

Sarah Theresa Makinson Prize for Musical Composition
Founded in 1972 by a gift of $500 from Miss K. J. Laurence to establish a prize in memory of her grandmother Sarah Theresa Makinson.

Awarded annually on the recommendation of the head of the Department of Music to the second, third or fourth year undergraduate student of the Faculty of Arts or the Board of Studies in Music who submits the best musical composition of ten or fifteen minutes duration, for a small group of instruments and/or voice(s). Value, $40.

Donald Peart Memorial Prize
Established in 1981 by the offer of the Renaissance Players to donate $100 annually to establish a prize in memory of Emeritus Professor Donald Peart, who was Professor of Music from 1948 to 1974.

Awarded annually on the recommendation of the head of the Department of Music, in consultation with the teaching staff of the department, to the most outstanding student enrolled in a course in the Department of Music, who has demonstrated scholarly excellence and creativity in any two of the following: composition, performance or musicology. Value, $100.

Oriental Studies

Asian Students' Council's 1963 Festival of Asia Prizes
Founded in 1964 by a gift of £650 from the Asian Students' Council of New South Wales to establish two prizes, one in each of the Departments of Indonesian and Malayan Studies and Oriental Studies.

One prize to be awarded annually to the student who most distinguishes himself in the third year examination in Chinese, if of sufficient merit, and who intends to proceed to Course IV of the honours school in Chinese. Value, $75.

A. L. Sadler Prize
Founded in 1970 by a gift of $400 from Dr M. J. Morrissey to establish a prize in memory of Professor A. L. Sadler.

Awarded annually on the recommendation of the head of the Department of Oriental Studies to the best student in Japanese II, provided he is of sufficient merit. The prize is normally awarded to a student in the honours school in Japanese, but may be awarded to an outstanding pass student. Value, $35.

Pharmacy

Pamela Frances Anderson Prize
Established in 1983 by a donation of $1000 from Mr R. L. Anderson to endow an annual prize in memory of his wife, Pamela, and his daughter Rowena Lloyd Borradaile Anderson. Mrs Anderson was an honours graduate in Pharmacy and held the degree of Master of Science of the University of Sydney, in the field of Pharmacology.

The prize may be awarded annually on the recommendation of the head of the Department of Pharmacology to the candidate for the degree of Bachelor of Pharmacy who demonstrates the greatest proficiency in the course Pharmacology II for Pharmacy, provided the candidate's work is of sufficient merit. Value, to be determined by the Finance Committee.

Guild Insurance Company Limited Prize
Established in 1975 by the offer of an annual amount of $100 by the Guild Insurance Company Limited to found a prize to be known as the Guild Insurance Company Limited Prize.

Awarded annually on the recommendation of the head of the Department of Pharmacy to the student who gains the best result in the senior year examination which relates to commercial and industrial law and aspects of the law relating to therapeutic substances, and who demonstrates general proficiency in the senior subject examinations. Value, $100.

Philosophy

John Anderson Prize
Established in 1959 by donations from the Sydney University Arts Society.

Awarded to a student pursuing an undergraduate course in Philosophy for the best honours thesis submitted by a student undertaking the course Philosophy IV, if of sufficient merit. The present value of the prize is $50.

G. S. Caird Scholarship
Awarded to a student of six terms' standing in the Faculty of Arts for proficiency in Philosophy II. Value, $150, tenable for one year.

The scholar is required to attend the course in Philosophy III during his tenure of the scholarship.

Lithgow Scholarship, No. III
Awarded at the first year examination for proficiency in philosophy. Value, $500, tenable for one year.

The scholar is required to attend the course of Philosophy II during his tenure of the scholarship.

Lithgow Scholarship, No. IV
Awarded at the third year examination for proficiency in philosophy. Value, $600, tenable for one year.

The scholar is required to attend the honours year in philosophy during his tenure of the scholarship.

Physics

Australian Institute of Physics (N.S.W. Branch) Prize in Physics
Established in 1977 by the N.S.W. Branch Committee of the Australian Institute of Physics for award to students in a tertiary education course leading to eligibility for professional membership of the Institute. One award is available annually in each of the N.S.W. institutions granting such a degree.

Awarded annually on the recommendation of the head of the School of Physics, to the student graduating with the degree of Bachelor of Science with honours in Physics who shows greatest proficiency provided that the student's work is of sufficient merit. Value, $50.

Geoffrey Builder Prize
Established in 1963 by the donation of £100 from Mrs M. B. Builder to endow a prize in memory of her husband.

Awarded annually to a student for proficiency in Practical Work in Physics II. Value, $20.

Deas-Thomson Scholarship in Physics
Awarded at the third year examination to a student in the Faculty of Arts or Science for proficiency in Phys-

ics. The scholar is required to attend the courses of instruction in physics during his tenure of the scholarship. Value, $400, tenable for one year.

Levey Scholarship
For conditions of award see under *Chemistry*.

Science Foundation for Physics Scholarships
Established in 1981 by an offer of the Science Foundation for Physics within the University of Sydney to provide undergraduate scholarships to recognise excellence in and encourage the further study of Physics within the University.

No. 1 Scholarships
Up to five scholarships to be awarded annually, on the recommendation of the Head of the School of Physics for proficiency in the course Physics I, provided that the student's work is of sufficient merit and that the student enrols in Physics II.
Value, $500.

No. 2 Scholarships
Up to five scholarships to be awarded annually, on the recommendation of the Head of the School of Physics for proficiency in the course Physics II, provided that the student's work is of sufficient merit and that the student enrols in Physics III.
Value, $600.

No. 3 Scholarships
Up to five scholarships to be awarded annually, on the recommendation of the Head of the School of Physics for proficiency in the course Physics III, provided that the student's work is of sufficient merit and that the student enrols in Physics IV.
Value, $700.

Smith Prize
Founded in 1854, maintained until the year 1885 by annual gifts and subsequently by a bequest of £100 from the Hon. Professor Smith, CMG, MD.
Awarded to the best undergraduate of the first year in Experimental Physics. Value, $130.

Physiology

Colin Dunlop Prize
Established in 1971 by donations from friends and colleagues of the late Associate Professor C. W. Dunlop, of the Department of Physiology.
Awarded annually to the student in the Faculty of Science with the best performance in the course Physiology Honours, provided he is of sufficient merit. Value, $75.

Psychology

Frank Albert Prize in Psychology
Founded in 1927 by a gift of £50 from Frank Albert of Sydney, to establish an annual prize to be awarded to the student of Psychology II who achieves the highest distinction in the second year course. Value, $45.

Australian Psychological Society Prize in Psychology
An annual prize, valued at $100, donated by the Australian Psychological Society, to be awarded to the student who, being of sufficient merit, has in that year pursued with most distinction the fourth year course or courses in psychology. The prize is to be known as the Australian Psychological Society Prize in Psychology.

Blanka Buring Prize
An annual prize founded in 1958 by a bequest from the late Blanka Buring.
The prize is awarded for the most outstanding student in the third year pass course in psychology, who is an Arts III student. Value, $85.

Lithgow Scholarship, No. V
Awarded at the first year examination for proficiency in Psychology. Value, $500, tenable for one year.
The scholar is required to attend the course of Psychology II during his tenure of the scholarship.

Lithgow Scholarship, No. VI
Awarded at the second year examination for proficiency in Psychology II. Value, $500, tenable for one year.
The scholar is required to attend the course of Psychology III during his tenure of the scholarship.

Lithgow Scholarship, No. VII
Awarded at the third year examination for proficiency in Psychology III. Value, $500, tenable for one year.
The scholar is required to attend the honours year in psychology during his tenure of the scholarship.

Dick Thomson Prize
Established in 1974 by a donation of $462 from the colleagues and friends of the late R. J. Thomson, MA DipEd, as a memorial to him.
Awarded annually on the recommendation of the head of the Department of Psychology to the best student in Psychology IV provided the performance is of sufficient merit. Value, $50.

Statistics

Tim Brown prizes
Established in 1966 by a gift of $250 from Mr and Mrs T. H. Brown to found a prize in memory of their son, T. A. I. Brown, to be known as the Tim Brown Prize. The fund was later increased by further gifts from members of the family.

Tim Brown Prize No. 1
Awarded annually to a student in the Faculty of Arts or the Faculty of Science for proficiency in the course Mathematical Statistics II, provided he be of sufficient merit. Value, $85.

Tim Brown Prize No. 2
Awarded annually to a student in the Faculty of Arts or the Faculty of Science for proficiency in the course Mathematical Statistics III, provided he be of sufficient merit. Value, $135.

Statistical Society of Australia (New South Wales Branch) Prize in Mathematical Statistics
Established in 1959 by an offer from the Statistical Society of New South Wales to contribute $20 annually for a prize to be known as the Statistical Society of New South Wales Prize for Statistics. The value of the prize is now $50 and one year's free membership of the Society.
Awarded annually to the fourth year student in the Faculty of Arts or Science whose work in Statistics, in the opinion of the head of the Department of Mathematical Statistics has been the best throughout the course, provided that the candidate is of sufficient merit.

Wadsworth Publishers Prize
For conditions see under *Mathematics*.

Zoology

G. S. Caird Scholarship
Awarded for distinction at the third year examination to a student proceeding to the BSc degree with honours in zoology (including entomology).

In the event of there being no suitable student proceeding to fourth year, the scholarship may be awarded to the best second year student proceeding to the third year course in zoology (including entomology) who, in the opinion of the professor, has shown unusual merit in second year work. Value, $150, tenable for one year.

Eleanor Chase Memorial Prize
Founded in 1926 by a gift of £50 from subscribers to the Eleanor Chase Memorial Fund, for the foundation of a memorial prize in memory of Miss Eleanor E. Chase, lecturer in zoology.

Awarded annually for proficiency in the course Biology IIE provided the student be of sufficient merit. Value, $40.

William John Dakin Memorial Prize in Zoology
Established in 1977 by a bequest of $2000 from the late Catherine Mary Gladys Dakin in memory of William John Dakin, Professor of Zoology at the University from 1929–47.

Awarded annually on the recommendation of the head of the school of Biological Sciences for excellence in the subject of Zoology to a student gaining first class honours in Biology. Value, $200.

Postgraduate scholarships and prizes

General information
These awards fall into several categories. Information is provided in this section on Travelling Scholarships (that is, awards which may be held at overseas institutions) and on scholarships which are tenable at the University.

The information is set out in the following order:

(1) Commonwealth Postgraduate Research Awards and University Postgraduate Research Awards, other awards and appointments made by the University Research Committee and Commonwealth Postgraduate Course Awards.

(2) Graduate scholarships and prizes awarded by the University.

(3) Travelling scholarships awarded by the University.

(4) Graduate scholarships and prizes awarded by external bodies, including those tenable overseas and those tenable at the University.

It should be noted that in category 1 above, scholarships are available to graduates in any faculty. In category 2 unrestricted awards and those tenable by graduates in various faculties are listed first, then awards restricted to one faculty or subject.

(1) GENERAL RESEARCH AND COURSE AWARDS

University Research Grant
Research Appointments: The Research Committee, which is a committee of the Academic Board (see By-laws, Chapter XIXc), being responsible for the encouragement of scholarship and research within the University, each year makes recommendations to the Vice-Chancellor regarding the allocation of funds under the University Research Grant for research projects and the appointment of research staff. The University Research Grant is provided from general University funds for research in the humanities and the biological, physical, and social sciences.

Funds are allocated on the recommendation of the Committee for departmental projects in respect of research equipment, travelling expenses, special maintenance and the appointment of technical assistants.

Postdoctoral research fellows: Subject to the availability of funds, the Research Committee may award Postdoctoral Fellowships under the following conditions: Postdoctoral research fellows shall normally hold a PhD degree or have research publications revealing equivalent status. Fellowships are tenable for

one year but tenure may be extended for a second year. Salary will be in the range $20 461–$21 024 (per annum). For Fellows coming from overseas there may be an additional travel grant to cover economy class air travel by the most direct route and the most economical rate available at the time with a similar grant for the travel of the spouse. Corresponding grants may be made for return travel. An expenses grant up to $1200 in any one year may be made available to the department in which a fellowship is held.

Commonwealth and University Postgraduate Research Awards

Towards the end of each year applications are invited for Commonwealth Postgraduate Research Awards and University Postgraduate Research Awards tenable at the University. Applications are to be submitted on the prescribed form to the Registrar.

These awards are made available by funds from two different sources but are almost identical in other respects. The Commonwealth Government provides each year a number of Postgraduate Research Awards, which are subject to income tax. Ninety-six awards were allocated to the University for tenure in 1983. University Postgraduate Research Awards are supported by funds from the University. Twenty such awards were awarded for tenure in 1983.

Commonwealth Postgraduate Research Awards

These awards are made without a means test and are open to all graduates who are Australian citizens or to persons from overseas who have permanent resident status. This provision includes Australian graduates who are temporarily resident overseas.

The awards are for postgraduate research in Australian universities and the holder should be proceeding to a higher degree. The awards are available only to students who have had four years' undergraduate training, or three years' undergraduate followed by a year of graduate training, and who in the last year of their course have obtained honours Class II Division 1 or equivalent qualification.

The awards are made initially for one year but may be renewed for a second, third, and even fourth year.

The awards offer a stipend of $7330 p.a. plus certain allowances.

The holder of the award must carry out full-time research within the University, and will be required to furnish, through the head of the department, a report on the holder's work at the end of each year's tenure.

Conditions of award for Commonwealth Postgraduate Research Awards are set out in a booklet published by the Commonwealth Department of Education and available from the Registrar.

University Postgraduate Research Awards

1. Graduates, or graduands, of any Australian or overseas university are eligible to apply.

2. The Awards are for postgraduate study in any field approved by the University.

3. Research students shall normally be graduates with first class honours degrees or, in special circumstances, honours Class II, Division 1 or equivalent qualifications; they shall carry out, under the supervision of the head of the department or a member of staff, a programme of full-time advanced study and research, normally leading to a higher degree.

4. The appointment shall terminate, in the first instance, on 31 December, but on the recommendation of the head of the department concerned, shall be renewable annually, provided that the tenure shall not exceed two years in the case of a candidate for a master's degree, or three years in the case of a candidate for the degree of PhD. In special circumstances, the maximum tenure may be extended for a fourth year in the case of a PhD candidate.

5. The stipend is $6500 per annum. A married research student will receive a dependants' allowance (paid fortnightly) at the rate of $2220.40 per annum for a dependent spouse and $520 per annum for each dependent child. An incidentals allowance of $100 will also be paid.

A travel allowance for travel within Australia up to a maximum equal to the economy class air fare at student or other concession rate, if applicable, may be paid to a research student for travel to undertake research at the University of Sydney, if he or she has normally resided in another town or city *within Australia*. A travel allowance within Australia for dependants at concession rates where available, may also be payable.

6. A research student may claim reimbursement of an amount of up to $250 to assist with costs for a master's thesis and up to $400 for a PhD thesis. The claim should be lodged with the Registrar immediately after the thesis is submitted and not later than 24 months after the termination of the studentship.

7. The research student shall, where appropriate, be required to pay an annual subscription to the Students' Union.

8. If the research student undertakes, in addition to his research work, any teaching assistance, he shall receive additional remuneration. Such teaching assistance shall be confined to the research student's branch of the subject and shall not in any case exceed six hours per week, or 180 hours per annum. The giving of such teaching assistance shall not be regarded as an obligation under the conditions of the research scholarship.

9. The research student shall be responsible to the head of the department concerned who will provide for such supervision as may be deemed necessary.

10. The awards, save in quite exceptional circumstances, shall be tenable only at the University.

11. The research student shall be subject to the usual university conditions as regards holidays, sick leave, and the like. The holder shall be entitled to four weeks' recreational leave per annum to be taken within each period of appointment or reappointment, as it does not accrue from one year to the next.

12. The research student shall be required to prepare a report of his work during the year, together with a list of any publications, for submission to the Registrar by 1 October.

Commonwealth Postgraduate Course Awards

1. The Commonwealth Government provides each year a number of Postgraduate Course Awards. Throughout Australia 150 awards were available for first year tenure in 1983.

2. The awards are made for postgraduate study in approved courses leading to the degree of Master at Australian universities. They are not available for postgraduate research degrees.

3. The awards are available to Australian citizens, whether resident in Australia or overseas at the time of application. They are also available to students from overseas who have permanent resident status in Australia and who declare their intention to remain in Australia after completion of their studies under their awards. Such students must be resident in Australia at the time of making application.

4. Applicants are expected to have an undergraduate record at better than pass level. Consideration may be

given to applicants whose records do not meet this standard but who have shown evidence of special capacity in their subsequent employment.

5. An award holder is expected to commence study at the beginning of the academic year and to complete his course in the minimum time. Scholarship benefits are continued for the duration of the scholar's course subject to his making satisfactory progress.

6. Award holders will receive a taxable living allowance of $7330 per academic year. A married award holder will receive a dependants' allowance (paid fortnightly) at the rate of $2220.40 per annum for a dependent spouse and $520 per annum for each dependent child.

In certain circumstances a travel allowance and an establishment allowance may be paid to a student obliged to move *within Australia* to take up the award. An incidentals allowance of $100 will also be paid.

7. An award holder may claim reimbursement of an amount of up to $250 to assist with thesis costs.

8. An award holder may, with the approval of the university, engage in a limited amount of part-time employment provided that such employment does not interfere with his study programme and does not exceed six hours in any one week of the academic year. During the short vacations in the academic year, an award holder is expected to devote himself full-time to his studies. Where the course extends over two academic years, an award holder is free to take up employment during the long vacation.

9. All intending applicants are requested, before submitting their applications, to consult the head of the university department in which they propose to study and to make sure that their proposed course is considered an appropriate course to be taken under a Commonwealth Postgraduate Course Award.

(2) POSTGRADUATE SCHOLARSHIPS AND PRIZES AWARDED BY THE UNIVERSITY

Various faculties

Baillieu Research Scholarship

Established in 1954 under the provisions of the Repatriation Fund (Baillieu Gift) Act, 1937, from a portion of the gift originally made by the Messrs Baillieu for assisting permanently and totally incapacitated ex-servicemen from the 1914–1918 World War. The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the Baillieu Research Scholarship.

(2) The object of the scholarship is to enable travel outside Australia for the purpose of research.

(3) The scholarship is open to:

(a) full-time postgraduate students currently enrolled in the University of Sydney for whom it is academically desirable to spend time outside Australia as part of their candidature; and

(b) graduates of the University of Sydney who proceed outside Australia to undertake research work and who are unable to meet the total costs from other funds, which may include travelling scholarships or travel grants.

(4) Holders of the scholarship will be required to undertake studies or research in some place or places approved by the Academic Board.

(5) The scholarship shall be up to a maximum of $500. There may be more than one award each year.

(6) The scholarship shall be awarded by the Academic Board on the recommendation of the committee appointed by the Academic Board to consider travelling scholarships.

Barker Graduate Scholarship

For conditions of award see under *Travelling Scholarships* section.

Harriett Beard Scholarship

For conditions of award see under *Travelling Scholarships* section.

Ferdinand Joland Austin and Andreas Brummer Scholarship

The scholarship was established in 1979 by a bequest from Mrs Joland Brummer. The fund created by the bequest, which was in excess of $60 000, is administered by trustees. The purpose of the bequest was to establish and maintain scholarships, each to be called the Ferdinand Joland Austin and Andreas Brummer Scholarship. The bequest stipulated that the scholarships were to be tenable at the Technion University, Haifa, or at the Hebrew University of Jerusalem, only. Scholarships tenable at the latter institution were to be for the purpose of medical research in association with the Hadassa Hospital in Jerusalem. The scholarships may be awarded to graduates of, or students enrolled in degree or diploma programmes at the University of Sydney. The bequest allowed for awards to be offered to graduates or students of any other Australian university or tertiary institute in the event of there being no suitable applicants from the University of Sydney. The bequest stipulated that each scholarship should have a minimal annual value of $1000, although in 1983 it was first awarded with a stipend of $10 500 per annum and allowances.

The scholarship is awarded in accordance with the terms of the bequest under the following conditions.

(1) The scholarship shall be awarded on the basis of academic merit and appropriateness of the proposed programme of study.

(2) A scholarship may be awarded to —

(a) an applicant who is admitted to candidature for a bachelor's degree in the Technion University, Haifa;

(b) an applicant who is admitted to candidature for a postgraduate degree or diploma in the Technion University, Haifa; or

(c) an applicant who proposes to undertake a programme of study and research at the Technion University, Haifa, or a programme of medical study and research at the Hebrew University of Jerusalem in association with the Hadassa Hospital.

(3) (a) A scholarship awarded to an applicant as defined in Clauses 2(a) and (b) shall be tenable for one year in the first instance but may be renewed from year to year subject to progress satisfactory to the Chairman of the Academic Board.

(b) A scholarship awarded to an applicant as defined in Clause 2(c) shall normally be tenable for up to one year.

(4) The scholarship shall be awarded by the Academic Board on the advice of the committee ap-

pointed to consider applications for travelling scholarships.
(5) The value of the scholarship shall be determined by the Selection Committee which shall take into account the annual income of the fund and ongoing expenditure, as advised by the trustees.

H. S. Carslaw Memorial Scholarship
Established in 1982 after a bequest of £2000 in 1955 from the late Professor H. S. Carslaw, for the purpose of strengthening the educational connection between the University of Sydney and Emmanuel College within the University of Cambridge.
(1) The name of the scholarship shall be the H. S. Carslaw Memorial Scholarship.
(2) The object of the scholarship is to assist travel to Emmanuel College, within the University of Cambridge, for the purposes of research.
(3) The scholarship is open to:
(a) full-time postgraduate students currently enrolled in the University of Sydney for whom it is academically desirable to spend time outside Australia as part of their candidature; and
(b) graduates of the University of Sydney who proceed outside Australia to undertake research work and who are unable to meet their total costs from other funds, which may include travelling scholarships or travel grants.
(4) Holders of the Scholarship will be required to prosecute studies or research at Cambridge University, as a member of Emmanuel College.
(5) The maximum amount of the scholarship shall be $2500. There may be more than one award each year.
(6) The scholarship shall be awarded by the Academic Board on the recommendation of a committee appointed by the Academic Board to consider travelling scholarships.
(7) Applications shall be made to the Registrar by 31 May each year.

Noel Chettle Prize for Art
For conditions of award see under *Undergraduate scholarships and prizes*.

Frank Coaldrake Scholarship
Established in 1981 by the donation of the capital of the Frank Coaldrake Memorial Fund for the purpose of establishing a scholarship in memory of the Reverend Canon Frank William Coaldrake, who was archbishop-elect of Brisbane but who died before being consecrated as archbishop. The object of the scholarship is to encourage studies on any topic pertinent to countries in East Asia and Melanesia, a geographical area in which the Reverend Canon Frank Coaldrake had a strong personal interest. He had a particular interest in Japan.
The scholarship is awarded under the following conditions.
(1) The scholarship shall be known as the Frank Coaldrake Scholarship.
(2) The scholarship may be awarded to a third or fourth year undergraduate or to a postgraduate student of the University of Sydney who is enrolled for a degree or diploma in the Faculties of Arts, Economics or Law.
(3) The scholarship shall be awarded by the Academic Board on the recommendation of the committee appointed by the Academic Board to consider applications for travelling scholarships.
(4) The committee shall take into account each applicant's academic record and the merit of the proposed programme of study or research.
(5) The scholarship may be held in conjunction with any other award and may be in the form of a supplementary living allowance, a travel grant or grant-in-aid.
(6) The scholarship has a maximum value of $1000.

Charles Herbert Currey Memorial Scholarships
For conditions of award see under *Travelling Scholarships* section.

DBH Scholarships[1]
Three Scholarships were established in 1983 by a series of donations amounting to approximately $80 000 from Dr Robin J. Helby, a graduate of the University of Sydney. The scholarships were established in memory of Dr Helby's mother, and were to be known as the DBH Scholarships. It was Dr Helby's express wish that one scholarship was to be open to German nationals for research in any field; one was to be for research in the field of geology and geophysics; and one was to be for research in the area of the social effects of alcoholism and primarily open to sociologists. Dr Helby expressed the wish that holders of the scholarship in Geology and Geophysics would enter industry on completion of their studies. The scholarships are awarded under the following conditions.

DBH Scholarship for German Nationals
1. The object of the scholarship is to promote and encourage postgraduate research within any faculty of the University of Sydney.
2. The scholarship shall be open to graduates who are German nationals and who are eligible for admission to candidature for a higher degree by research and who enrol accordingly and as full-time candidates.
3. The scholarship shall be awarded on the basis of academic merit and appropriateness of the proposed programme of research to the department concerned.
4. The scholarship shall be awarded by the Academic Board on the advice of the committee appointed by the Academic Board to consider applications for postgraduate awards.
5. The scholarship shall be tenable for one year in the first instance but, subject to satisfactory progress, may be renewed for a second year and, in the case of a PhD candidate, for a third year.
6. (a) The scholarship shall have an annual value of $7000.
(b) The scholarship shall provide allowances equivalent to those provided by the Commonwealth Postgraduate Award Scheme.
(c) The scholarship may provide an annual maintenance allowance of up to $1500 to be administered by the head of department in which the research is conducted.
(d) The scholarship may provide return economy class air travel to a maximum of $2000 for an award holder who is required to move to Sydney in order to hold the award.

DBH Scholarship in Geology and Geophysics
1. The object of the scholarship is to encourage suitably qualified graduates to undertake postgraduate research in the Department of Geology and Geophysics.
2. The scholarship shall be open to graduates who have qualified for the award of the degree of Bachelor

[1] Values subject to Finance Committee approval.

of Science with first class honours or second class honours division 1, or who hold an equivalent qualification.
3. Holders of the scholarship will be required to enrol as full-time candidates for a higher degree by research.
4. The scholarship shall be awarded on the basis of academic merit and appropriateness of the proposed programme of research to the Department of Geology and Geophysics.
5. The scholarship shall be awarded by the Academic Board on the advice of the committee appointed by the Academic Board to consider applications for postgraduate awards.
6. The scholarship shall be tenable for one year in the first instance but, subject to satisfactory progress, may be renewed for a second year and, in the case of a PhD candidate, for a third year.
7. (a) The scholarship shall have an annual value of $7000.
(b) The scholarship shall provide allowances equivalent to those provided by the Commonwealth Postgraduate Award Scheme.
(c) The scholarship may provide an annual maintenance allowance of up to $1500 to be administered by the head of department in which the research is conducted.
(d) The scholarship may provide economy class air travel to a maximum of $2000 for an award holder who is required to move to Sydney in order to hold the award.

DBH Scholarship in the Social Effects of Alcoholism
1. The object of the scholarship is to promote and encourage postgraduate research in the University of Sydney on the subject of the social effects of alcoholism.
2. The scholarship shall be open to graduates who are eligible for admission to candidature for a higher degree by research and who enrol accordingly and as full-time candidates.
3. The scholarship shall be awarded on the basis of academic merit and appropriateness of the proposed programme of research to the department concerned.
4. The scholarship shall be awarded by the Academic Board on the advice of the committee appointed by the Academic Board to consider applications for postgraduate awards.
5. The scholarship shall be tenable for one year in the first instance but, subject to satisfactory progress, may be renewed for a second year and, in the case of a PhD candidate, for a third year.
6. (a) The scholarship shall have an annual value of $7000.
(b) The scholarship shall provide allowances equivalent to those provided by the Commonwealth Postgraduate Award Scheme.
(c) The scholarship may provide an annual maintenance allowance of up to $1500 to be administered by the head of department in which the research is conducted.
(d) The scholarship may provide economy class air travel to a maximum of $2000 for an award holder who is required to move to Sydney in order to hold the award.

Thomas and Ethel Mary Ewing Scholarships in Education[1]
Established in 1964 by a bequest from Dr Thomas Ewing to establish and maintain a travelling research scholarship or scholarships to be known as the Thomas and Ethel Mary Ewing Scholarship or Scholarships, to be awarded to graduates of the University in the Faculty of Medicine and of the Sydney Teachers' College, in rotation. In 1981 the Sydney Teachers' College amalgamated with certain inner city colleges to form the Sydney College of Advanced Education. The scholarship in Education is awarded under the following conditions:
(1) The name of the scholarships shall be Thomas and Ethel Mary Ewing Scholarships in Education.
(2) The scholarships shall be awarded to persons who have completed a teacher training course at the former Sydney Teachers' College within the University of Sydney to enable them:
(a) to carry out study or research in education in an appropriate institution or institutions:
OR
(b) to study educational developments and practices in such states or countries as shall be approved from time to time by the Academic Board of the University of Sydney on the advice of a committee referred to in Clause 5;
OR
(c) to be brought back to Sydney from overseas in order to give a course of advanced lectures in the University of Sydney in an appropriate field of education.
(3) The value of each scholarship shall be at the rate of not less than $2500 per annum and not more than $5000 per annum.
(4) The scholarship shall be awarded for a period of up to one year in the first instance, but may be renewed for a second or third year.
(5) The scholarships shall be awarded by the Academic Board of the University of Sydney on the advice of a committee consisting of the Chairman of the Academic Board, the Director and Deputy Director of the Sydney Institute of Education and the Dean of the Faculty of Arts, or their nominees, and the Professors of Education.
(6) No scholar holding these awards shall be permitted, without the approval of the Vice-Chancellor, to occupy any salaried position or to undertake any employment for payment during the tenure of the scholarships.
(7) The scholar shall continue to hold one or other of these scholarships in accordance with the above conditions only so long as his work is considered to be satisfactory by the committee referred to in Clause 5.
(8) The number of scholarships offered and the conditions governing the award of the scholarships may be varied from time to time by the Academic Board on the recommendation of the committee referred to in Clause 5.

Henry Bertie and Florence Mabel Gritton Research Scholarships
Under the will of Henry Bertie Gritton the residuary estate was left to the University to be invested and the income to be applied as determined by the Senate 'in or towards promotion of the knowledge and study of Chemistry in relation to Industry and Agriculture, including Chemistry connected with Electrical Engineering, Metallurgical Chemistry and Chemistry in its application to Mining and the winning and treatment of minerals and natural products of the soil'.
In 1953 his widow, Florence Mabel Gritton, bequeathed her estate to the University 'as an addition to the bequest made by her late husband so that their two names could be united in the gift'.

[1] Continued viability of this award will be reviewed in 1991.

In 1957 the capital amount of £60 243 was received from the two estates.

In 1957 the Senate resolved to use the fund to establish the Henry Bertie and Florence Mabel Gritton Postgraduate Research Scholarships which are awarded under the following conditions:

(1) Each scholarship shall be named a Henry Bertie and Florence Mabel Gritton Research Scholarship.

(2) The object of the scholarships is to promote the knowledge and study of Chemistry in relation to Industry and Agriculture.

(3) The scholarships may be awarded at postdoctoral or postgraduate levels and shall be tenable at the University of Sydney only.

(4) The scholarships shall be awarded on the basis of academic merit and appropriateness of proposed programmes of research in relation to the terms of the bequest and to the department concerned.

(5) The scholarships shall be open to graduates of universities which are members of the Association of Commonwealth Universities, or graduates of any university but who are citizens of a Commonwealth country.

(6) (a) A postdoctoral scholarship may be awarded only to an applicant who holds the degree of Doctor of Philosophy or who possesses such equivalent standing as may be approved by the Academic Board.

(b) A postgraduate scholarship may be awarded only to an applicant who is eligible for admission to candidature for a higher degree by research and who enrols accordingly.

(7) (a) A scholarship at postdoctoral level shall be equal in value to the third and fourth steps of the scale for University of Sydney Postdoctoral Research Fellowships.

(b) A scholarship at postgraduate level shall be valued at $10 500 per annum.

(c) A scholarship shall provide a research maintenance allowance of $1500 per annum to be administered by the head of the Department in which the research is conducted.

(8) For holders coming from overseas, the scholarship shall provide a travel grant equivalent to economy class air travel by the most direct route and the most economical rate available at the time. A corresponding grant may be made for return travel.

(9) (a) A postdoctoral scholarship shall be tenable for one year in the first instance but, subject to satisfactory progress, may be renewed for a second year.

(b) A postgraduate scholarship shall be tenable for one year in the first instance but, subject to satisfactory progress, may be renewed for a second year, and in the case of a PhD candidate a third, and in exceptional circumstances, a fourth year.

(10) The scholarship shall be awarded by the Academic Board on the recommendation of a committee consisting of the Chairman of the Academic Board and the Deans of the Faculties of Agriculture, Engineering and Science and the head of the School of Chemistry, or their nominees.

Charles Gilbert Heydon Travelling Fellowship in the Biological Sciences

Founded in 1956 by a gift of £35 000 from Mr G. A. M. Heydon, MB ChM, a former lecturer in Parasitology in the School of Public Health and Tropical Medicine, in memory of his father, Mr Justice Charles Gilbert Heydon, who presided for many years over the Industrial Arbitration Court of New South Wales. He had been President of the Board of Trade, Attorney-General and a Member of the Legislative Council of New South Wales. He was a Fellow of St John's College in the University of Sydney. The fellowship is awarded under the following conditions:

(1) The name of the Fellowship shall be the Charles Gilbert Heydon Travelling Fellowship in the Biological Sciences.

(2) The object of the fellowship shall be to enable graduates who have been engaged within the University in postgraduate research in one of the Biological Sciences to undertake research in the Biological Sciences at overseas institutions approved by the Academic Board.

(3) The fellowship shall be of a value not exceeding $10 500 per annum including an allowance for travelling and other expenses and the amount shall be payable half-yearly in advance.

(4) The fellowship shall be tenable for one year in the first instance but may be renewed for a second year, and, in exceptional circumstances, for a third year.

(5) The fellowship shall be awarded by the Academic Board, provided always that there be an applicant of sufficient merit, on the recommendation of a committee consisting of the Chairman of the Academic Board and the Deans of the Faculties of Medicine, Science, Dentistry, Veterinary Science and Agriculture.

(6) Each fellow shall submit to the Registrar half-yearly a written report on the progress of his research and the tenure of the fellowship shall be subject to these reports being judged to be satisfactory. At the conclusion of the tenure of the fellowship each fellow shall submit a report embodying the results of his research.

(7) The fellowship shall not normally be awarded to a graduate of more than four years' standing from his first degree in any of the Faculties concerned, except in the Faculty of Medicine for graduates who have taken a degree in Science or Medical Science, in which case the graduate should not normally be of more than seven years' standing from his first degree.

(8) The fellowship shall not normally be awarded to a graduate of more than 30 years of age.

Applications for the fellowship should be lodged with the Registrar.

Herbert Johnson Travel Grants

Under the will of the late Herbert Johnson in 1937, the whole of his estate was bequeathed to his widow for life, and the income from certain portions to be paid to certain beneficiaries for their life, with the remainder upon their respective deaths to the Senate of the University. Mrs Johnson died in 1952 but was predeceased by two of the four successive life tenants, and accordingly half the estate was transferred to the University amounting to £5460.

In 1953 the Senate decided that this amount should be used to establish travel grants and that when the whole of the estate is available to the University further consideration will be given to the use of the fund.

Travel grants are awarded under the following conditions:

The income from the Herbert Johnson Fund is available for payment to graduates of the University

of Sydney who proceed overseas to undertake research work and who are unable to meet their total costs from other funds.

Grants may be made to graduates where they hold travelling scholarships or other travel grants and shall be made for the purpose of travel to or from Australia or from one place of research to another while overseas or for expenses in connection with their work provided that the maximum amount payable to any person from the fund in any year shall be $1000.

Grants from the fund shall be made by the Academic Board on the recommendation of the Committee appointed to consider Travelling Scholarships.

Applications shall be made to the Registrar by 31 May each year.

James King of Irrawang Scholarship

Founded in 1888 by a bequest of £1000 sterling from William Roberts of Penrith, for the foundation of a scholarship or scholarships in memory of the late James King of Irrawang, near Raymond Terrace. The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the James King of Irrawang Travelling Scholarship.

(2) The object of the scholarship is to enable travel outside Australia for the purposes of research.

(3) The scholarship is open to:

(a) full-time postgraduate students currently enrolled in the University of Sydney for whom it is academically desirable to spend time outside Australia as part of their candidature; and

(b) graduates of the University of Sydney who proceed outside Australia to undertake research work and who are unable to meet their total cost from other funds, which may include travelling scholarships or travel grants.

(4) Holders of the scholarships will be required to prosecute studies or research during the tenure of the scholarship to the satisfaction of the Academic Board in some place or places approved by the Board.

(5) The maximum amount of the scholarship shall be $1000. There may be more than one award each year.

(6) The scholarships shall be awarded by the Academic Board on the recommendation of a committee appointed by the Academic Board to consider travelling scholarships.

(7) Applications shall be made to the Registrar by 31 May each year.

G. H. S. and I. R. Lightoller Scholarship

Established in 1948 by a bequest of £10 000 from the late Dr G. H. S. Lightoller, MD ChM, for many years an honorary demonstrator in anatomy. The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the G. H. S. and I. R. Lightoller Scholarship.

(2) The object of the scholarship is to promote and encourage research work by graduates in the Faculties of Agriculture, Arts, Engineering, Medicine, Science and Veterinary Science and to provide where necessary funds for the publication of papers embodying the research work of such graduates.

(3) The scholarship is open to students enrolled for a higher degree in the Faculties of Agriculture, Arts, Engineering, Medicine, Science or Veterinary Science:

(a) for whom it is academically desirable to spend time outside Australia as part of their candidature and who are unable to meet the total costs from other funds, or

(b) who require assistance with the publication of papers embodying the results of their research.

(4) Holders of the scholarship who proceed overseas will be required to undertake studies or research in some place or places approved by the Academic Board.

(5) The scholarship shall be up to a maximum of $1000. There may be more than one award each year.

(6) The scholarship shall be awarded by the Academic Board on the recommendation of the committee appointed by the Academic Board to consider travelling scholarships.

F. H. Loxton Postgraduate Studentships

Established in 1960 under the will of the late F. H. Loxton, who bequeathed a portion of the income from his residuary estate to the University for the purpose of establishing and maintaining studentships and/or scholarships tenable in the Faculties of Veterinary Science, Agricultural Science and Engineering, in particular in the Department of Chemical Engineering. A studentship is available in each of the foregoing faculties.

The studentships are awarded under the following conditions:

(1) The name of the studentships shall be the F. H. Loxton Postgraduate Studentships.

(2) The object of the studentships shall be to enable a male graduate of any university to engage in postgraduate research within the University of Sydney in the Faculties of Veterinary Science and Agriculture and in the Department of Chemical Engineering.

(3) The studentships tenable in the Faculties of Agriculture and Veterinary Science are of the annual value of $6150, and the studentship tenable in the Department of Chemical Engineering is of the annual value of $10 500. In addition, an amount may be approved by the appropriate committee to cover expenses incurred by or on behalf of a student.

(4) The studentship shall be tenable for one year in the first instance and may be renewed for a second year or a third year, and in exceptional circumstances for a fourth year.

(5) The studentship shall be awarded by the Academic Board on the recommendation of a committee consisting of the Chairman of the Academic Board and

(a) in respect of a studentship in the Faculty of Veterinary Science, the Dean of the Faculty of Veterinary Science and heads of departments within the Faculty; and

(b) in respect of the studentship in the Department of Chemical Engineering, the Dean of the Faculty of Engineering and the head of the Department of Chemical Engineering.

In respect of a studentship in the Faculty of Agriculture, the studentship shall be awarded by the Academic Board acting on the recommendation of the Faculty of Agriculture.

(6) A studentship may be held by a person of any age.

(7) Each student shall submit to the Registrar half-yearly a written report on the progress of his research and the tenure of the studentship shall be

subject to these reports being judged to be satisfactory. At the conclusion of the tenure of the studentship each student shall submit a report embodying the results of his research.

Richard Claude Mankin Scholarship

Established in 1973 by a bequest, with an estimated value of $185 000, comprising the residual estate of Winifred Roby Mankin, MSc MB BS. The purpose of the bequest was to promote and encourage research at the University of Sydney related to water conservation. This purpose is to be achieved through the establishment of a scholarship to be known as the Richard Claude Mankin Scholarship. The scholarship shall be awarded under the following conditions.

(1) The scholarship may be awarded at postdoctoral or postgraduate levels and shall be tenable at the University of Sydney only.

(2) The scholarship shall be awarded on the basis of academic merit and appropriateness of the proposed programme of research.

(3) (a) A postdoctoral scholarship may only be awarded to an applicant who holds the degree of Doctor of Philosophy or who possesses such equivalent standing as may be approved by the Academic Board.

(b) A postgraduate scholarship may only be awarded to an applicant who is admitted to candidature for a higher degree by research and who enrols accordingly.

(4) (a) A scholarship at postdoctoral level shall be equal in value to the third and fourth steps of a University of Sydney Postdoctoral Research Fellowship.

(b) A scholarship at postgraduate level shall be valued at $10 500 per annum.

(c) The scholarship shall provide a research maintenance allowance of $1500 per annum.

(5) The scholarship shall provide a travel grant for holders coming from overseas equivalent to economy class air travel by the most direct route and the most economical rate available at the time. A corresponding grant may be made for return travel.

(6) (a) A postdoctoral scholarship shall be tenable for one year in the first instance but, subject to satisfactory progress, may be renewed for a second year.

(b) A postgraduate scholarship shall be tenable for one year in the first instance but, subject to satisfactory progress, may be renewed for a second year, and in the case of a PhD candidate a third, and in exceptional circumstances a fourth year.

(7) The scholarship shall be awarded by the Academic Board on the recommendation of a committee consisting of the Chairman of the Academic Board and the Deans of the Faculties of Agriculture, Architecture, Economics, Engineering, Science and Veterinary Science or their nominees.

William and Catherine McIlrath Scholarship

Established in 1983 by the offer of an annual donation of $25 000 by Mrs Helen Selle to establish a scholarship in memory of her parents, William and Catherine McIlrath, who had a long association with the University of Sydney. William McIlrath was, for many years, a member of the Board of Royal Prince Alfred Hospital.

The purpose of the establishment of the scholarship was to provide an opportunity for outstanding graduates of the university to continue their education overseas. It was the expressed wish of Mrs Selle that holders of the scholarship would return to Australia after completing their course of study so that the benefits of the scholarships would flow on to the community at large.

The scholarship is awarded under the following conditions.

(1) The name of the scholarship is the William and Catherine McIlrath Scholarship.

(2) The object of the scholarship is to enable graduates of the University of Sydney to carry out advanced study and research as candidates for higher degrees at institutions outside Australia. It is expected that those awarded scholarships would return to Australia on completion of their studies.

(3) The scholarship may only be awarded to graduates of the University of Sydney who are of not more than four years' standing from qualifying for the first degree appropriate to the proposed course of study overseas.

(4) The scholarship shall be awarded by the Academic Board on the advice of a Selection Committee comprising the committee of the Academic Board appointed to consider travelling scholarship applications, and the donor or her nominee.

(5) The scholarship shall be awarded taking into consideration the following criteria:

(a) scholastic achievement;

(b) ability to communicate both orally and in writing; and

(c) appropriateness of the applicant's proposed plan of study.

The Selection Committee shall also take into account motivation and the prospect each applicant has of achieving the stated goals.

(6) (a) The scholarship shall be tenable for up to two years but in exceptional circumstances may be renewed for a third year.

(b) Renewal shall be subject to progress at the end of each year of candidature to the satisfaction of the Selection Committee.

(7) The scholarship shall have an annual value of $25 000, which shall provide for a stipend, a grant for fees, and an allocation for travel and research expenses.

A. E. and F. A. Q. Stephens Scholarship

Francis Allan Quintin Stephens bequeathed his residuary estate to the University of Sydney for the purpose of supporting research work in any faculty of the University. Assets of the estates of both Francis Stephens and his wife Alice totalled £19 740, and this sum was handed over to the University in 1952. In 1953 the Senate resolved to use the fund to support a postgraduate research award.

The scholarship is now awarded under the following conditions.

(1) The scholarship shall be named the A. E. and F. A Q. Stephens Scholarship.

(2) The object of the scholarship is to promote and encourage postgraduate research work within any faculty of the University of Sydney.

(3) The scholarship shall be open to graduates who are eligible for admission to candidature for a higher degree by research and who enrol accordingly as full-time candidates.

(4) The scholarship shall be awarded on the basis of academic merit and appropriateness of the proposed programme of research.

(5) The scholarship shall be awarded by the committee appointed by the Academic Board to consider applications for Commonwealth and University of Sydney postgraduate awards.
(6) The scholarship shall be tenable for one year in the first instance but, subject to satisfactory progress, may be renewed for a second year, and in the case of a PhD candidate for a third, or in exceptional circumstances, a fourth year.
(7) (a) The scholarship shall have an annual value of $10 500.
(b) The scholarship shall provide allowances equivalent to those provided by the Commonwealth Postgraduate Award Scheme.[1]
(c) The scholarship may provide an annual research maintenance allowance of up to $1500, to be administered by the head of the department in which the research is to be conducted.
(d) The scholarship may provide return economy class air travel for an award holder, to a maximum of $2000.

Walter Mersh Strong Scholarships
For conditions of award see under *Undergraduate scholarships and prizes*.

University of Sydney Postgraduate Research Travelling Scholarship
For conditions of award see under *Travelling Scholarships* section.

J. B. Watt Travelling Scholarship
For conditions of award see under *Travelling Scholarships* section.

Eleanor Sophia Wood Travelling Fellowships
Eleanor Sophia Wood, who died in 1962, bequeathed her residuary estate to the University for the promotion and encouragement of education including the establishment of bursaries, scholarships and prizes.

In December 1962 the Senate decided to use part of the annual income from the bequest to establish travelling fellowships.

Each fellowship is awarded under the following conditions.

(1) Each fellowship shall be named an Eleanor Sophia Wood Travelling Fellowship.
(2) The object of the fellowships is to support travel outside Australia for the purpose of advanced study or research.
(3) The fellowships shall be tenable for overseas study only.
(4) The fellowships shall be open to persons who have been engaged full time for at least three years in teaching or postgraduate research in the University of Sydney.
(5) Each fellowship may be held for a minimum period of six months and a maximum period of twelve months.
(6) The value of a fellowship shall be $10 500 for the maximum period of twelve months and pro rata for shorter periods.
(7) More than one fellowship may be awarded in any one year provided that the total value of all fellowships awarded shall not exceed $21 000 per annum.
(8) No one person may hold more than one fellowship.
(9) The fellowships shall be awarded by the Academic Board on the advice of the committee appointed by the Academic Board to consider applications for travelling scholarships.
(10) The committee shall take into account the merit of the applicants and of the proposed projects of advanced study or research.

Faculty of Agriculture

Thomas Lawrance Pawlett Scholarships
Dr Thomas Lawrance Pawlett of Cremorne bequeathed the income from his residuary estate to the University 'for the purpose of encouraging and promoting the scientific study of Agriculture in connection with the said University for the founding of a research or travelling scholarship or scholarships in Agriculture, to be called the Thomas Lawrance Pawlett Scholarship'.

There are three types of scholarship established under the Foundation: the Thomas Lawrance Pawlett Postgraduate Scholarships, the Thomas Lawrance Pawlett Postdoctoral Scholarship, and the Thomas Lawrance Pawlett Visiting Scholarship.

Thomas Lawrance Pawlett Postgraduate Scholarships are awarded under the following conditions:

(1) The name of the scholarships shall be the Thomas Lawrance Pawlett Postgraduate Scholarships.
(2) The objects of the scholarships shall be the encouragement and promotion of the scientific study of Agriculture in connection with the University of Sydney.
(3) The scholarships shall be awarded by the Senate of the University, acting on the recommendation of the Faculty of Agriculture to graduates in Agriculture of the University of Sydney or graduates with acceptable qualifications of another university, except, normally, that candidates who are, or who have been, enrolled for the degree of Doctor of Philosophy shall be deemed ineligible. In the event of a scholarship becoming vacant before October in any year, the Senate may make a further appointment for the unexpired portion of the year.
(4) In awarding the scholarships, consideration shall be given to the work of the applicants during their entire undergraduate course, their postgraduate career, if any, and their special aptitude and ability to carry out the objects of the Foundation.
(5) The scholarships shall be of the annual value of $6150. The payments shall be made quarterly in advance, but, in the event of a scholar going abroad, they shall be paid half-yearly in advance. In the case of resignation or other withdrawal from the scholarship, payment of the salary shall be made for the time during which the scholarship may have been actually held.

The scholarship shall provide the department in which the scholar is working with a grant-in-aid to assist with expenses in connection with his research. The grant-in-aid shall be of the annual value of $1000.

The scholarship shall provide the same allowances to the scholar as are paid under the Commonwealth Postgraduate Research Studentship except that the annual incidentals allowance shall be $200.

(6) No scholar shall, except with the approval of the Senate, occupy any salaried position or undertake any employment for payment or hold any other award during his term of appointment, and

every scholar shall give his full time to the work he has been appointed to carry out.

(7) The scholar shall furnish progress reports at half-yearly intervals unless otherwise directed by the Faculty and a full report to the Faculty for transmission to the Senate at the completion of his term of appointment. He shall not publish, or permit to be published, any paper embodying the results of his investigations without the approval of the Faculty of Agriculture. In the case of all work published in the form of papers or reports as the result of holding one of these scholarships, the scholar shall distinctly indicate that he is the holder of a Thomas Lawrance Pawlett Scholarship of the University of Sydney.

(8) (a) The scholar who is a graduate of the University of Sydney may apply to carry out his investigations either at the University of Sydney or at such other place, or places, as may be approved by the Faculty of Agriculture.

(b) The scholar who is a graduate of another university shall carry out his investigations at the University of Sydney.

(c) All scholars shall undertake to conform to the regulations for research students drawn up by the University of Sydney.

(9) The scholarships shall be tenable for one year, but a scholar may be reappointed from year to year.

(10) In appropriate circumstances a scholar coming from overseas may be paid, at the discretion of the Selection Committee, an amount of up to $300 towards travelling expenses.

(11) The Senate may prescribe, from time to time, such further regulations as may be found necessary.

A Thomas Lawrance Pawlett Postdoctoral Scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the Thomas Lawrance Pawlett Postdoctoral Scholarship.

(2) The objects of the Postdoctoral Scholarship shall be the encouragement and promotion of the scientific study of Agriculture in connection with the University of Sydney.

(3) One Postdoctoral Scholarship shall be awarded by the Senate of the University acting on the recommendation of the Faculty of Agriculture normally to persons holding the degree of Doctor of Philosophy in the Faculty of Agriculture of the University or in another university. However, persons who have research publications revealing equivalent status or who are awaiting the result of a PhD examination, shall be considered eligible to apply for an award.

(4) In awarding the Postdoctoral Scholarship, consideration shall be given to the academic record of the applicants, their postgraduate career, and their special aptitude and ability to carry out the objects of the Foundation.

(5) (a) The Postdoctoral Scholarship shall be of the annual value of $5000. The payments shall be made half-yearly in advance. In the case of resignation or other withdrawal from the scholarship, payment of the salary shall be made for the time during which the scholarship may have been actually held. An additional amount of up to $800 may be granted for travelling expenses for the scholar.

(b) When funds are available, the Faculty may recommend the award of up to three travel grants to persons who are eligible for the Postdoctoral Scholarship (see Clause 3 above). The travel grants shall have a value of up to $1800 and may, with the approval of the Senate, be held concurrently with another award which accords with the objects of the Thomas Lawrance Pawlett Postdoctoral Scholarship.

(6) No scholar shall, except with the approval of the Senate, occupy any salaried position or undertake any employment for payment or hold any other award during his term of appointment, and every scholar shall give his full time to the work he has been appointed to carry out.

(7) The postdoctoral scholar shall be required to furnish a report on the completion of tenure of the scholarship to the Faculty of Agriculture. In the case of all work published in the form of papers or reports, as the result of holding the Postdoctoral Scholarship, the scholar shall furnish a copy to the Faculty of Agriculture and shall distinctly indicate that he is the holder of a Thomas Lawrance Pawlett Postdoctoral Scholarship of the University of Sydney.

(8) (a) The postdoctoral scholar who is a Doctor of Philosophy of the University of Sydney may apply to carry out his investigations at the University of Sydney or at such other place, or places, as may be approved by the Faculty of Agriculture.

(b) The postdoctoral scholar who is a Doctor of Philosophy of another university shall carry out his investigations at the University of Sydney.

(c) All postdoctoral scholars must undertake to conform to the regulations drawn up by the University of Sydney.

(9) The postdoctoral scholarship shall be tenable for one year.

(10) The Senate may prescribe, from time to time, such further regulations as may be found necessary.

Awarded when funds are available.

The Thomas Lawrance Pawlett Visiting Scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the Thomas Lawrance Pawlett Visiting Scholarship.

(2) The object of the scholarship shall be the encouragement and promotion of the scientific study of Agriculture in connection with the University of Sydney.

(3) The scholarship which shall be available each year shall be awarded by the Senate of the University acting on the recommendation of the Faculty of Agriculture to overseas scholars distinguished in some fields related to the scientific study of Agriculture.

(4) The scholar shall undertake research for a minimum period of one term in the University of Sydney in the appropriate department.

(5) The scholarship shall be of the value of $3500.

(6) The scholarship may be held concurrently with another award or remuneration.

Christian Rowe Thornett Scholarship

Established in 1975 by a bequest from the late Mrs Christian Rowe Thornett for the teaching and development of Agricultural Science. The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the Christian Rowe Thornett Scholarship.

(2) The objects of the scholarship shall be the encouragement and promotion of the scientific study of Agriculture within the Faculty of Agriculture.
(3) The scholarship shall be awarded by the Senate of the University, acting on the recommendation of the Faculty of Agriculture, to graduates with acceptable qualifications from a university other than an Australian university, except, normally, candidates who are or have been enrolled for the degree of Doctor of Philosophy shall be deemed ineligible.
(4) The annual value of the scholarship shall be $6150.
(5) No scholar shall, except with the approval of the Faculty, occupy any salaried position or hold any other award during his term of appointment, and every scholar shall give his full time to the work he has been appointed to carry out.
(6) The scholar shall furnish progress reports to the Faculty at yearly intervals unless otherwise directed. He shall not publish, or permit to be published, any paper embodying the results of his investigations without the approval of the Faculty of Agriculture. In the case of all work published in the form of papers or reports as the result of holding one of these scholarships, the scholar shall acknowledge his tenure of the Christian Rowe Thornett Scholarship of the University of Sydney.
(7) The scholarship shall in a case of a candidate for a degree of Master of Science in Agriculture be tenable for two years and in exceptional circumstances for a third year. For a candidate for a degree of Doctor of Philosophy the scholarship shall be tenable for three years and in exceptional circumstances for a fourth year.
(8) In appropriate circumstances a scholar coming from overseas may be paid, at the discretion of the Faculty, an amount of up to $400 towards travelling expenses. The scholarship shall provide the department in which the scholar is working with a grant-in-aid of up to $1000 to assist with expenses in connection with his research. The scholarship shall provide the same allowances to the scholar as are paid under the Commonwealth Postgraduate Research Awards except that the annual incidentals allowance shall be $200.

Alexander Hugh Thurburn Scholarship
In 1972 the Faculty of Agriculture received a bequest from the late Mary Esme Thurburn, who established a scholarship in memory of her husband.

The Alexander Hugh Thurburn Scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the Alexander Hugh Thurburn Scholarship.
(2) The object of the scholarship shall be the encouragement and promotion of the scientific study of agriculture within the Faculty of Agriculture.
(3) The scholarship shall be awarded by the Academic Board of the University, on the recommendation of the Faculty of Agriculture, to a graduate of the University of Sydney or of any other university with qualifications acceptable to the Faculty of Agriculture.
(4) In awarding the scholarship, consideration shall be given to the work of the applicant during his entire undergraduate course, his postgraduate career, if any, and his special aptitude and ability to carry out the objects of the scholarship.
(5) The scholar shall furnish progress reports to the Faculty at yearly intervals unless otherwise directed. In the case of all work published in the form of papers or reports as the result of holding the scholarship the scholar shall:
  (i) acknowledge his tenure of the Alexander Hugh Thurburn Scholarship of the University of Sydney; and
  (ii) furnish a copy to the Faculty of Agriculture.
(6) The scholarship shall in the case of a candidate for a degree of Master of Science in Agriculture be tenable for two years and in exceptional circumstances for a third year. For a candidate for a degree of Doctor of Philosophy the scholarship shall be tenable for three years and in exceptional circumstances for a fourth year.
(7) (a) The annual value of the scholarship shall be $6150.
  (b) The scholarship shall provide the same allowances to the scholar as are provided under a Commonwealth Postgraduate Award, except that the annual incidentals allowance shall be $200.
  (c) The scholarship shall provide the department in which the scholar is working with a grant-in-aid of up to $1000 per annum to assist with expenses associated with the scholar's research.

Thurburn Visiting Fellowship
Under the will of Mary Esme Thurburn who died in 1970 the residuary estate was bequeathed to the University of Sydney Faculty of Agriculture to be used for such purposes as the Senate may determine. In 1975 the following conditions of award were approved:

(1) The name of the fellowship shall be the Thurburn Visiting Fellowship.
(2) The object of the fellowship shall be the encouragement and promotion of study in agriculture within the Faculty.
(3) The fellowship shall be awarded from time to time by the Senate of the University on the recommendation of the Faculty of Agriculture.
(4) The Fellow shall participate in research, public discussion and lecturing for a minimum of one term.
(5) The Fellow will receive an allowance of $300 per week, with a maximum allowance of $4800. There will be an additional grant to cover economy class return air travel by the most direct route and the most economical rate available at the time.
(6) An allowance of up to $1000 may be made on the recommendation of the Institute of Advanced Studies, to assist with expenses associated with the Fellow's visit.

W. C. Turland Postgraduate Scholarship
Established in 1976 by a bequest from the late W. C. Turland, the scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the W. C. Turland Postgraduate Scholarship.
(2) The objects of the scholarship shall be the encouragement and promotion of the scientific study of Agriculture within the Faculty of Agriculture.
(3) The scholarship shall be awarded by the Senate of the University acting on the recommen-

dation of the Faculty of Agriculture to graduates with acceptable qualifications from Australian Universities.
(4) The annual value of the scholarship shall be $6150.
(5) The scholarship shall offer the same allowances for scholars as those offered under the Commonwealth Postgraduate Awards scheme except that the annual incidentals allowance shall be $200.
(6) The scholarship shall provide a research maintenance allowance of up to $1000 per annum approved at the discretion of the Faculty.
(7) The scholarship shall in the case of a candidate for a degree of Master of Science in Agriculture be tenable for up to two years and may be extended for a third year. For a candidate for a degree of Doctor of Philosophy the scholarship shall be tenable for up to three years and in exceptional circumstances for a fourth year.
(8) The scholar shall be required to furnish half-yearly reports on the progress of his work and the continued tenure of the scholarship shall be subject to these reports being judged to be satisfactory.
(9) No scholar shall, except with the approval of the Faculty, occupy any salaried position or hold any other award during his term of appointment, and every scholar shall give his full time to the work he has been appointed to carry out.
(10) Awarded as funds are available.

Faculty of Architecture

Australian Institute of Valuers (New South Wales Division) Prize in Urban Land Economics
Established in 1976 by the offer of an annual gift of books from the New South Wales division of the Commonwealth Institute of Valuers.

Awarded on the recommendation of the head of the Department of Town and Country Planning to the best student in the Department of Town and Country Planning in the course Urban Land Economics, if the student's work is of sufficient merit. Value, $100.

Building Science Prizes
Established in 1966 by a gift from an anonymous donor.

Four book prizes, awarded annually, on the recommendation of the head of the Department of Architectural Science, to a candidate for the degree of Master of Building Science or the Diploma in Building Science, who particularly distinguishes himself in some aspect of the course, to be annually selected at the commencement of the year by the head of the Department of Architectural Science, provided that his work is of sufficient merit.

Elstress Prize
Established in 1970 by an annual donation from Elstress Pty Ltd.

Awarded annually, on the recommendation of the head of the Department of Architectural Science, to a candidate for the degree of Master of Building Science who particularly distinguishes himself in some aspect of the course, with preference being given to activities associated with architectural concrete, provided that his work is of sufficient merit. Value, $50.

Hammerson Prize
Established in 1982 by the offer of an annual donation by the Hammerson Group of Companies to encourage studies in the field of land economy.

Awarded annually on the recommendation of the head of the Department of Town and Country Planning to the candidate for the degree of Master of Land Economy or for the Diploma in Land Economy who demonstrates the greatest proficiency in the coursework required for the degree and for the diploma, provided that the candidate's work is of sufficient merit. Value, $250.

Hezlet Bequest Travelling Scholarship
For conditions of award see under *Travelling Scholarships* section.

Municipality of Willoughby Prize
Established in 1967 by a gift of $400 from B. Sully and a further gift of $400 from Mr Sully in 1968.

Awarded annually on the recommendation of the head of the Department of Town and Country Planning to the best student in the Department of Town and Country Planning in the course Planning Law, if the student's work is of sufficient merit. Value, $75.

David Noel Murray Prize
Founded in 1972 by a bequest from David Noel Murray who bequeathed his residuary estate to the University to establish a prize in the Faculty of Architecture. The prize is awarded under the following conditions:
(1) The prize shall be known as the David Noel Murray Prize.
(2) The object of the prize is to enable a graduate with the degree of Bachelor of Architecture from this University to undertake a postgraduate course within the Faculty of Architecture.
(3) The prize shall be awarded as funds are available to a graduate with the degree of Bachelor of Architecture of the University of Sydney. The award shall be based on the student's academic record for the degree of Bachelor of Architecture and shall be made at graduation to enable a student to proceed directly to higher degree studies. The prize will be awarded for one year in the first instance but may be renewed for not more than one further year on the recommendation of the committee referred to in (5) below.
(4) The prize shall be valued at $6150 per annum and this value shall be reviewed from time to time so that, as far as the income from the bequest will allow, it will be related to the prevailing grants for Commonwealth postgraduate students.
(5) The prize shall be awarded by the Academic Board on the recommendation of a committee consisting of the Dean of the Faculty of Architecture and the Heads of the Departments of Architecture, Architectural Science and Town and Country Planning.

New South Wales Planning and Environment Commission Prize
Awarded annually by the New South Wales Planning and Environment Commission to the student with the best record on successful completion of the second year in the Diploma course of Town and Country Planning, if of sufficient merit. Value, $150.

John Odongo Prize
Established in 1983 by donations from friends and colleagues of Dr John Odongo who died in 1982. Dr Odongo graduated with the degree of Doctor of Philosophy in the University of Sydney in 1979.

The prize may be awarded annually on the recommendation of the head of the Department of Town and Country Planning to the candidate for the degree of Master of Town and Country Planning or for the Diploma in Town and Country Planning who is most proficient in the course Evolution of Development Concepts, provided that the candidate's work is of sufficient merit. Value: to be determined by the Finance Committee.

Philips Prize for Illumination Design
Awarded annually on the recommendation of the head of the Department of Architectural Science to a candidate for the Diploma in Illumination Design who, having completed the requirements for the diploma, has demonstrated the greatest proficiency in all the illumination courses of the diploma, provided that the candidate's work is of sufficient merit. Value, $250.

Philips Lighting Prize
Awarded annually on the recommendation of the head of the Department of Architectural Science to a candidate for a degree or diploma in the Faculty of Architecture who has completed an illumination course or courses and who demonstrates the greatest proficiency in one or more of such of those courses as the head of the department shall determine at the commencement of each year, provided that the candidate's work is of sufficient merit. Value, $100.

Royal Australian Institute of Architects, New South Wales Chapter's Prize
Established in 1964 by an annual donation from the Royal Australian Institute of Architects, New South Wales Chapter.

Awarded annually, on the recommendation of the head of the Department of Architectural Science, to a candidate for the degree of Master of Building Science who particularly distinguishes himself in some aspect of the course, to be annually selected at the commencement of the year by the head of the Department of Architectural Science, provided that his work is of sufficient merit. The prize shall consist of a certificate and a cash payment of $250.

Royal Australian Planning Institute, New South Wales Division Prize
Re-established in 1979 by the Royal Australian Planning Institute, New South Wales Division, the prize was first established in 1950 as the Town and Country Planning Institute Prize and was last awarded in 1975, after which it was replaced by a donation towards the purchase of books for the library of the Department of Town and Country Planning.

Awarded annually by the Institute on the recommendation of the head of the Department of Town and Country Planning to the candidate for the degree of Master of Town and Country Planning or for the Diploma in Town and Country Planning who completes the first year of the degree or the diploma at the first attempt and who demonstrates the greatest proficiency, provided that the candidate completes coursework with a unit value of at least sixteen units and that the candidate's work is of sufficient merit. Value, $150.

Faculty of Arts

Albert Travelling Scholarship in Music
Conditions of award are currently under review. See entry, *Travelling Scholarships* section.

Cooper Graduate Scholarship
For conditions of award see under *Travelling Scholarships* section.

Marion Lucy Whitford Dallison Prize in Anthropology
Established in 1980 by the donation of $500 from Miss Kathleen Barnes in memory of Miss Marion Lucy Whitford Dallison, who graduated MA from this university in 1937.

Awarded every second year on the recommendation of the head of the Department of Anthropology to the undergraduate or postgraduate student enrolled in Anthropology at the University who writes the best essay within the area of Social Anthropology, Prehistory or Anthropological Linguistics. Value, $75.

W. H. and Elizabeth M. Deane Archaeology Scholarship
Founded in 1956 by a gift of £1000 from W. H. Deane to assist in the establishment of the study of archaeology by aiding a graduate of the University.

In 1957 the W. H. and Elizabeth M. Deane Archaeology Scholarship was established under the following conditions:

(1) The name of the scholarship shall be the W. H. and Elizabeth M. Deane Archaeology Scholarship.

(2) The object of the scholarship is to assist in the establishment at the University of the study of Archaeology, especially of relevant languages, by aiding a graduate of the University of Sydney, who, in the opinion of the Academic Board, is qualified by interest and capacity to further the object of the scholarship but who is unable to prosecute his studies or researches without the assistance of the scholarship.

(3) The value of the scholarship shall be up to $2500. It shall normally be tenable for one year and be awarded in each fourth year if a suitable applicant is available.

(4) During his tenure of the scholarship the holder shall prosecute his studies or researches in Archaeology in such place or places as may be approved by the Academic Board.

(5) The scholarship shall be awarded by the Academic Board on the recommendation of a committee consisting of the Dean of the Faculty of Arts, the head of the Department of Archaeology and the Professors of Archaeology.

Available for award in 1981 and every fourth year thereafter.

Frazer Travelling Scholarship
For conditions of award see under *Travelling Scholarships* section.

Hannah Fullerton Scholarship
For conditions of award see under *Travelling Scholarships* section.

Hellenic Club Research Scholarship in Classical Archaeology
A proposal to establish the Hellenic Club Research Scholarship in Classical Archaeology was accepted by the Senate at its meeting of 2 February 1976. The Hellenic Club had offered to establish a postgraduate scholarship in Classical Archaeology by means of a series of donations totalling $10 000. The terms and conditions of the award will be determined by the Academic Board on the advice of the Faculty of Arts

when, as agreed to by the donor, the income from the fund is sufficient to support an award.

G. C. Henderson Research Scholarship
Under the will of Professor G. C. Henderson who died in 1944, the residue of the estate was bequeathed to the University for the endowment of a scholarship for the encouragement of research into the history of the South Pacific islands. The residue of the estate amounted to $16 360 to which was added accumulated income of $36 216.

Conditions of award are currently under review.

Thelma Herring Memorial Award in English Literature
Established in 1979 in memory of Thelma Herring, Tutor/Teaching Fellow 1941-1949, Lecturer 1950-1965 and Senior Lecturer 1968-1975 in the Department of English.

Awarded annually on the recommendation of the head of the Department of English to a graduate of the University who has obtained a postgraduate award for the purpose of undertaking studies in the United Kingdom in English Literature, to assist in the purchase of books. Value, $200.

Colonel George Johnston Scholar in Australian History
The Colonel George Johnston Scholar, funded by a bequest made in 1972 by the late Arthur D. Johnston, is appointed under the following conditions:

(1) The objects of the appointment shall be to encourage and promote studies and/or research in Australian history.

(2) The Scholar may be appointed in each year for a minimum of one term and a maximum of one academic year, beginning in 1983. The Scholar may be appointed for a further period on application.

(3) A Scholar may be either an individual with an established scholarly reputation; or a recent graduate with a higher degree in an appropriate field. In either case, the Scholar shall be required to pursue studies and/or research in Australian history, preferably with a view to publication; shall be based within the Department of History; and may be invited to participate in lectures and seminars within the University.

(4) The Scholar shall be appointed by the Academic Board, on the recommendation of a committee consisting of—

(a) The Chairman of the Academic Board;
(b) The Dean of the Faculty of Arts; and
(c) The Head of the Department of History and the Professors of History, or, in lieu of one of these, another member of the Department of History nominated by the Head of the Department or a Professor of History.

(5) The period and emolument of each Scholarship shall be determined by the Selection Committee, within the maximum sum available of $9500.

Kathleen Margaret Karnaghan, F. A. Elgar and A. J. A. Waldock Scholarship
Established in 1976 by the amalgamation of funds from three sources:

(1) Miss Nancy Karnaghan, sister of the late Kathleen Margaret Karnaghan, in 1973 offered to donate a sum of money to establish a scholarship in the Department of English in the University in memory of her sister.

(2) Frederick Alexander Elgar who died in 1966 bequeathed a portion of his residuary estate to the Department of English in the University for the purpose of establishing scholarships and prizes.

(3) The Committee for raising funds to establish a memorial to the late Professor A. J. A. Waldock in 1959 made a donation to the University to institute the Waldock Memorial Lectures.

The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the Kathleen Margaret Karnaghan, F. A. Elgar and A. J. A. Waldock Scholarship.

(2) The scholarship shall be in the form of a grant-in-aid to assist a scholar who wishes to undertake research work overseas.

(3) The scholarship shall be awarded to a graduate in the Faculty of Arts with Honours in English who, except in special circumstances, is of not more than five years' standing from the award of a first degree.

(4) The scholarship shall be awarded by the Academic Board on the recommendation of a Committee consisting of the Chairman of the Academic Board, the Dean of the Faculty of Arts and the Professors in the Department of English.

(5) The scholarship shall be available annually, provided there is a candidate of sufficient merit, and shall be valued at $3000.

(6) Applications shall close with the Registrar on 31 May each year.

(7) The conditions of award may be varied from time to time as the Academic Board thinks fit.

H. Tasman Lovell Memorial Medallion
Established in 1969 by the trustees of the H. Tasman Lovell Memorial Prize Fund to perpetuate the memory of the University's first professor of psychology, H. Tasman Lovell.

The medallion is awarded annually on the recommendation of the head of the Department of Psychology to the candidate who submits the best thesis for the degree of Doctor of Philosophy in the Department of Psychology, provided the thesis is of sufficient merit.

Rose Mandelbaum Scholarship in Music
For conditions of award see under *Travelling Scholarships* section.

Arthur Maquarie Travelling Scholarship
For conditions of award see under *Travelling Scholarships* section.

Gladys Marks Travelling Scholarship
For conditions of award see under *Travelling Scholarships* section.

A. H. Martin Scholarship
Established in 1977 by a gift of $3527 from the members of the Australian Institute of Industrial Psychology in memory of the founder of the Institute, Dr A. H. Martin, previously a reader in the Department of Psychology.

Awarded annually in the Department of Psychology, preferably in the fields of vocational guidance and vocational selection or a related field, on the recommendation of the head of the Department of Psychology, to the candidate for the degree of Master of Psychology who performs best in Part I of the course, provided the performance is of sufficient merit. Should no candidate show sufficient merit, the

scholarship may be held over to the following year, when two scholarships may be awarded. Value, $300.

Sydney Moss Scholarship
For conditions of award see under *Travelling Scholarships* section.

Venour V. Nathan Prize
For conditions of award see under *History* in *Undergraduate scholarships and prizes*.

New South Wales Institute of Educational Research Prize
Established in 1973 by the offer of an annual amount of $25 and one year's subscription to the *Australian Journal of Education* from the New South Wales Institute of Educational Research.

The prize is awarded annually on the recommendation of the head of the Department of Education to the student writing the best research thesis in Education for the degrees of Master of Arts or Master of Education, provided the thesis is of sufficient merit. Where there is no Master of Arts or Master of Education thesis of sufficient merit, the prize may be awarded for a thesis submitted by a candidate for the degree of Bachelor of Arts with honours in Education. The prize will be awarded after consideration of all theses received for examination for the degree of Master of Education or the degree of Master of Arts in Education during a calendar year period.

Nicholson Medal
For conditions of award see under *Latin* in *Undergraduate scholarships and prizes*.

Dr Colin Roderick Prize
Established in 1968 by a bequest of $2000 from the late Miss Isobel Marion Dorothea Mackellar. The prize is to be known as the Dr Colin Roderick Prize.

Awarded annually by the Faculty of Arts on the recommendation of the Professor of Australian Literature or, in his absence, on the recommendation of the head of the Department of English, to the student writing the best Master of Arts thesis on a topic in Australian Literature, or, should no such Master of Arts thesis of sufficient merit be presented, to the student writing the best thesis on a topic in Australian Literature in English IV, provided that the terms of the award may be varied by the Academic Board on the recommendation of the Department of English and of the Faculty of Arts. The prize shall not be awarded on more than one occasion to the same student. Value, $300.

Martin and Elizabeth Jane Simmat Prize
Established in 1958 by Mr R. Simmat by a donation of £50 to which from time to time has been added varying amounts until the amount stands at $1345. The donations have been made to establish a prize in memory of Mr Simmat's parents, Martin and Elizabeth Jane Simmat.

The prize shall be awarded annually on the recommendation of the head of the Department of Psychology, to the candidate who shall have most distinguished himself in meeting requirements for the award of the Pass MA degree, in psychology, provided he is of sufficient merit. Value, $60.

University Prize for English Verse
For conditions of award see under *English* in *Undergraduate Scholarships and Prizes*.

Wentworth Medals
For conditions of award, see under *Prize Compositions* at the end of this section of the Calendar.

Wentworth Travelling Fellowship
For conditions of award see under *Travelling Scholarships* section.

Woolley Scholarship
For conditions of award see under *Travelling Scholarships* section.

Faculty of Dentistry

Dental Health Education and Research Foundation—Research Training Scholarships
Established in 1962 by the Dental Health Education and Research Foundation.

(1) The scholarships shall be known as the Dental Health Education and Research Foundation Research Training Scholarships.

(2) The object of the scholarships shall be to assist young dental graduates to acquire the basic training necessary for a career in research.

(3) The scholarships shall be open to graduates or graduands of the Faculty of Dentistry of the University of Sydney who are British subjects domiciled in New South Wales.

(4) The scholarships shall be awarded in one of three categories:

(i) Scholarships awarded to scholars who propose to undertake course work leading to the degree of Bachelor of Science, or

(ii) Scholarships awarded to scholars who propose to undertake a course of study leading to the degree of Master of Dental Science or Doctor of Philosophy.

(iii) Scholarships awarded to scholars who propose to undertake training in research work in accordance with the object of the scholarships.

(5) The scholar shall carry out the work required in paragraphs (6) (iii) and (7) under the direction of a Supervisor appointed by the Foundation and the Supervisor shall report bi-annually, by 15 June and 15 December, to the Foundation on the progress of the scholar's work.

(6) In the case of the first category, the scholar appointed—

(i) must have such qualifications as will allow him to be admitted to the second year of the degree course in the Faculty of Science;

(ii) shall include at least one course in mathematics as a qualifying course for the degree;

(iii) shall for at least two months of each year be attached to a Department within the University of Sydney or to such other place as may be approved by the Foundation and there engage in such work as may be assigned to him by his Supervisor to assist the scholar to acquire research technique and/or gain further experience in a branch of clinical dentistry.

(7) In the case of the second category[1], the course of study must be pursued substantially in one of the basic science departments related to the Dental curriculum.

[1] The second category is designed to assist more experienced dental graduates to acquire training in specific research methods.

(8) In the case of the third category, the scholar appointed—
(i) shall be attached to a Department within the University of Sydney or to such other place as may be approved by the Foundation and there engage in such work as may be assigned to him by his Supervisor to assist the scholar to acquire research technique and/or gain further experience in a branch of clinical dentistry.
(ii) may attend course work as may be approved by the Foundation.
(9) The value of the scholarship shall be in the range of $8836 per annum to $11 598 per annum payable in equal monthly instalments. In addition, all compulsory fees shall be paid by the Foundation.
(10) The scholarships shall be awarded for one year and may be awarded for a second year, and in special circumstances for a third year, especially in the case of a scholar appointed under the first category referred to in paragraph (4) provided he completes the courses for which he is enrolled.
(11) The scholarships shall be awarded by the Senate on the recommendation of the Foundation and at such time as the Foundation may determine.
(12) Except with the permission of the Foundation, a scholarship shall be tenable only at the University of Sydney.
(13) The scholar shall not undertake any employment for payment during the tenure of the scholarship except with the consent of the Foundation.
(14) The conditions governing the award of the scholarships may be varied from time to time as the Foundation thinks fit.

Oral-B Foundation Travel Grant in Preventive Dentistry
Established in 1981 by the offer of five biennial grants of $5000 from the Oral-B Foundation Limited, a Governor of the Dental Health Education and Research Foundation of the University of Sydney, in order to assist dental graduates to travel overseas and acquaint themselves with current developments in preventive Dentistry.

The travel grant shall be known as the Oral-B Foundation Travel Grant in Preventive Dentistry.

The object of the travel grant shall be to assist a dental graduate who, in the opinion of the Council of Dental Health Education and Research Foundation of the University, has demonstrated outstanding interest and ability in the area of preventive dentistry to travel overseas and acquaint himself or herself with current developments in preventive dentistry. Such travel may include observation of academic, commercial, private, public and community preventive dentistry programmes.

Further information is available from the Registrar, with whom applications close 15 October each alternate year.

Faculty of Economics

Commonwealth Bank Scholarships
Established in 1951 by a gift of £11 500 from the Commonwealth Bank of Australia. There are two types of scholarship awarded, 1. Graduate Scholarships and 2. Undergraduate Scholarships.

1. The graduate scholarships are awarded under the following conditions:
(1) These scholarships, established for research in the Faculty of Economics by a gift from the Commonwealth Bank of Australia, shall be awarded by the Faculty of Economics.
(2) The scholarships are, subject to this paragraph, tenable in the University of Sydney and shall be awarded in the first instance for one year, but may be renewed for a second year and, in exceptional circumstances, for a third year. Applications for renewal for a third year should be made in August of the second year and should be based upon reports of research completed, articles published or other work written during the tenure of the scholarship. The scholar may hold the scholarship in the third year either at the University of Sydney or at an approved overseas university. The value of the scholarship shall be $6150 per annum.
(3) Scholarships may be awarded to graduates or graduands in Economics of a recognised university, and graduates or graduands in Arts of a recognised university who have specialised in Economics.[1]
(4) Scholars shall be required to carry out research work under the direction of the appropriate head of a department in the Faculty of Economics, and shall devote the whole of their time to research. Scholars may however be required to undertake a limited amount of teaching in fields associated with their research.
(5) In any year more than one scholarship may be awarded.
(6) Applications setting out the candidate's qualifications and experience shall be lodged with the Registrar.
2. For undergraduate scholarships see under Undergraduate Scholarships and Prizes, Faculty of Economics.

Graduate Management Association Prize
Established in 1981 by the offer of an annual donation from the Graduate Management Association to establish a postgraduate prize in the Faculty of Economics.

Awarded annually on the recommendation of the Dean, to the student graduating Master of Business Administration whose work during the whole degree programme is most meritorious, provided that the candidate's work is of sufficient merit. Value, $200.

Denison Miller Postgraduate Memorial Scholarship
For conditions of award see under *Travelling Scholarships* section.

Faculty of Engineering[2]

Atlas Copco Prize
Established in 1975 by the offer of an annual donation from Atlas Copco Australia Pty. Ltd.

Awarded annually on the recommendation of the head of the Department of Mechanical Engineering for the best thesis submitted in a Mechanical Engineering subject in partial fulfilment of the requirements of

[1] It should be noted that by resolution of the Academic Board a graduate of one faculty in the University of Sydney may not *normally* proceed to a master's degree in another faculty.

[2] See also the 'Faculty of Science or Faculty of Engineering' lists of postgraduate scholarships and prizes below.

the degree of Master of Economic Science (second alternative) provided that the thesis is of sufficient merit. Value $75.

BBR Australia Pty Ltd Prize
Established in 1966 by the offer of an annual gift from Australian BBR Co. Pty Ltd.

Awarded annually on the recommendation of the head of the Department of Civil Engineering to the candidate for the degree of Master of Engineering Science who submits the best thesis in the field of prestressed concrete, provided that his work is of sufficient merit. Value: Textbooks to the value of $25.

Cable Makers Australia Proprietary Ltd Prize
For conditions of award see under *Undergraduate scholarships and prizes*.

Chemical Engineering Foundation Scholarship
Established in 1981 by the Chemical Engineering Foundation within the University of Sydney.

(1) The name of the scholarship shall be the Chemical Engineering Foundation Scholarship.
(2) The object of the scholarship shall be to encourage suitably qualified graduates in Chemical Engineering from Australian universities to undertake full-time candidature for the degree of Doctor of Philosophy in the Department of Chemical Engineering.
(3) The scholarship shall be awarded in 1982 and every fourth year thereafter, or earlier if the scholarship becomes vacant.
(4) Applications will be received from persons who hold or have qualified for the award of the degree of Bachelor of Engineering in Chemical Engineering in the University of Sydney with either first class honours or second class honours division 1 or such qualifications from another Australian university as the Faculty of Engineering considers equivalent.
(5) The scholarship shall be awarded by the Council of the Foundation on the recommendation of the Director to the most meritorious of such applicants provided that—
(a) the applicant's work was of sufficient merit; and
(b) the applicant is accepted and enrols as a full-time candidate for the degree of Doctor of Philosophy in the Department of Chemical Engineering.
(6) The value of the scholarship shall be $10 500.
(7) The scholarship shall be tenable for one year in the first instance, but may be renewed from year to year for a maximum period of four years subject to the Council receiving a satisfactory annual report on the progress of the scholar's candidature.
(8) A scholar shall acknowledge the tenure of the scholarship in any thesis or other publication which shall result from such tenure.

Chemical Engineering Foundation Supplementary Scholarships
Established in 1983, with funds committed by the Chemical Engineering Foundation, to provide additional assistance for holders of postgraduate research awards in the Department of Chemical Engineering. The scholarships shall be awarded under the following conditions.

(1) Each scholarship shall be named a Chemical Engineering Foundation Supplementary Scholarship.
(2) The scholarships may be awarded in 1983 and each year thereafter subject to the availability of funds.
(3) The scholarships shall be available only to holders of postgraduate research awards in the Department of Chemical Engineering.
(4) The scholarships shall be awarded by the Council of the Foundation on the recommendation of the Director.
(5) The scholarships may be in the form of a supplementary living allowance, a travel grant or a grant-in-aid.
(6) The value of each scholarship shall be in the range of $1000–$5000 and shall be determined by the Council of the Foundation on the recommendation of the Director.

Civil and Mining Engineering Foundation Scholarships
Established in 1982 by funds committed by the Civil and Mining Engineering Foundation to promote postgraduate research in civil and mining engineering.

The scholarships shall be awarded under the following conditions:

(1) Each scholarship shall be named a Civil and Mining Engineering Foundation Scholarship.
(2) The object of the scholarships shall be to assist suitably qualified graduates to undertake full-time candidature for the degree of Doctor of Philosophy or Master of Engineering Science (First Alternative) in the School of Civil and Mining Engineering.
(3) The scholarships may be awarded in 1982 and each year thereafter subject to the availability of funds.
(4) The scholarships shall be open to applicants who have qualified for the award of the degree of Bachelor of Engineering with first class honours, or second class honours Division 1, or who hold equivalent qualifications.
(5) The scholarships shall be awarded by the Council of the Foundation on the recommendation of the Director to the most meritorious applicants provided that each applicant is accepted for and enrols in a higher degree in the School of Civil and Mining Engineering in accordance with Section (2) above.
(6) Each scholarship shall be tenable for up to one year. On the recommendation of the Director a scholarship may be renewed for a second year, and in the case of a PhD candidate for a third and, in special circumstances, a fourth year.
(7) The value of each scholarship shall be determined by the Council of the Foundation on the recommendation of the Director.
(8) A scholarship may be awarded to an applicant who is in receipt of another award.

Clean Air Society of Australia and New Zealand (N.S.W. Branch) Prize in Air Pollution
Established in 1979 by the offer from the Clean Air Society of Australia and New Zealand (N.S.W. Branch) of an annual sum of $100 for at least five years, to a postgraduate student in the Faculty of Engineering for excellence in the subject of air pollution and its control.

Awarded annually on the recommendation of the head of the Department of Mechanical Engineering to a candidate for a postgraduate degree in the Faculty of Engineering in Mechanical Engineering for the best thesis and/or coursework in the study of air pollution

and its control, provided that the candidate's work is of sufficient merit. Value, $100.

William and Jane Grahame Mechanical Engineering Prizes
For conditions of award, see under *Scholarships and Prizes—Undergraduate*—Faculty of Engineering. Value, $100.

Charles Kolling Travelling Scholarship in Mechanical Engineering
For conditions of award see under *Travelling Scholarships* section.

P. G. Morgan Memorial Prize in Mechanical Engineering Design
For conditions of award see under *Undergraduate scholarships and prizes*.

William John Padbury Scholarship
Established in 1981 by a bequest of one-half of the net residue of the Estate of Florence May Padbury to the University of Sydney for the purpose of establishing a scholarship in the Faculty of Engineering in memory of her husband, William John Padbury.

The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the William John Padbury Scholarship.

(2) The purpose of the scholarship is to enable the scholar to undertake postgraduate studies in Engineering at the University of Sydney or overseas.

(3) The scholarship shall be open to any graduate in Engineering of the University of Sydney who enrols in a higher degree in the Faculty of Engineering in the University of Sydney or in an approved programme of postgraduate study in a University outside Australia, or to such other persons as are admitted to candidature for a higher degree in the Faculty of Engineering in the University of Sydney.

(4) The scholarship shall be awarded by the Academic Board on the recommendation of a committee consisting of the Chairman of the Academic Board, the Dean of the Faculty of Engineering, and the Professors of Engineering.

(5) The scholarship shall be tenable for one year in the first instance but, subject to satisfactory progress, may be renewed for a second year and, in the case of a PhD candidate, a third, and in special circumstances a fourth year.

(6) The scholarship shall be of the annual value of $7500. Subject to the availability of funds there may be a travel grant to cover economy class air travel by the most direct route and the most economical rate available at the time, where the scholar is required to travel from the normal place of residence to the University of enrolment. A corresponding grant may be made for return travel.

Norman I. Price Scholarship in Electrical Engineering
Under the will of the late Florence Price the residuary estate was left to the University to be invested by it and the income used for the purpose of establishing the Norman I. Price Scholarship in Electrical Engineering to perpetuate the memory of Mrs Price's late husband.

The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the Norman I. Price Scholarship in Electrical Engineering.

(2) The object of the scholarship shall be to promote and encourage research in Electrical Engineering.

(3) The scholarship shall be open to graduates of the University of Sydney or to any other person eligible for admission to candidature for a higher degree in the University of Sydney.

(4) The scholarship shall normally be tenable either—

(a) as a Postgraduate Research Scholarship with a stipend equal in value to a Commonwealth Postgraduate Award, or

(b) as a Postdoctoral Scholarship, or

(c) as a scholarship supplementing another award or grant.[1]

The award of a scholarship may be accompanied by a grant-in-aid to cover such items as technical assistance, equipment, fees, travelling and general expenses.

(5) The scholar shall carry out his investigations within the Department of Electrical Engineering or, on the recommendation of the head of the Department of Electrical Engineering, at any other university or institution within Australia or overseas.

(6) The scholarship shall normally be tenable for one year in the first instance, but may be renewed from year to year. In special circumstances the scholarship may be held for a period of less than one year.

(7) The scholarship shall be awarded by the Academic Board on the recommendation of a selection committee consisting of the Dean of the Faculty of Engineering, who shall be Chairman, and the Professors, Associate Professors and Readers in the Department of Electrical Engineering. If the Dean of the Faculty is a Professor of Electrical Engineering, one of the other Professors of Engineering shall be appointed to the committee by the Faculty of Engineering.

Peter Nicol Russell Postgraduate Scholarship in Mechanical Engineering
Under the gift of Sir Peter Nicol Russell, which established in 1896 the fund that later became known as the Peter Nicol Russell Bequest, a scholarship for the encouragement of higher education in Mechanical Engineering is offered for a candidate for a higher degree in the Department of Mechanical Engineering, under the following conditions:

(1) The name of the scholarship shall be the Peter Nicol Russell Postgraduate Scholarship in Mechanical Engineering.

(2) The object of the scholarship shall be to encourage postgraduate research in Mechanical Engineering.

(3) The value of the scholarship shall be as determined by the Selection Committee, up to a maximum of $10 500.

(4) The scholarship shall be awarded by the Academic Board on the recommendation of a selection committee consisting of the Dean of the Faculty of Engineering, who shall be Chairman, and the Professors, Associate Professors, and Readers in the Department of Mechanical Engineering, and such other members of the Faculty of Engineering as may be nominated by the Dean in consultation with the head of the Department of

[1] It would not normally be incompatible with the object of the scholarship for a supplementary award under condition 4 (c) to be held by a member of the staff of the Department of Electrical Engineering who is proceeding overseas for an approved purpose.

Mechanical Engineering so that the membership of the committee consists at all times of no less than three persons.
(5) The scholarship shall be open to graduates of the University of Sydney or to any other person eligible for admission to candidature for a higher degree in the University of Sydney.
(6) The holder of a scholarship shall enrol as a full-time candidate for a higher degree by research only, in the Department of Mechanical Engineering.
(7) A scholarship shall be tenable for one year in the first instance, but may be renewed for a second year in the case of a candidate for a master's degree and for a third year in the case of a candidate for the degree of Doctor of Philosophy or for a candidate who is given permission to transfer from master's candidature to candidature for the degree of Doctor of Philosophy.
(8) A scholarship shall be renewable on the recommendation of the selection committee subject to receipt of a report from the candidate's supervisor and from the head of the department that the candidate has been proceeding to their satisfaction.
(9) Scholarships shall be awarded on the basis of academic merit, provided that the previous academic record of any successful applicant shall have been deemed by the selection committee to be of sufficient merit.
(10) Scholarships shall be awarded subject to the availability of funds, and applications shall normally be made in writing to the Registrar no later than 31 December.

H. J. and C. K. Swain Prize in Mechanical Engineering
For conditions of award see under *Undergraduate scholarships and prizes*.

William Girling Watson Travelling Scholarship in Electrical Engineering
Under the will of the late Isabella T. Watson the residuary estate was left to the University upon trust 'to apply the income therefrom for the establishment of Travelling Scholarships in Electrical Engineering of such amount and of such tenure and subject to such conditions as the Senate of the University of Sydney may from time to time determine, and that the scholarship may be known as "The William Girling Watson Travelling Scholarship in Electrical Engineering" '.

The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the William Girling Watson Travelling Scholarship in Electrical Engineering.
(2) The object of the scholarship shall be to promote and encourage research in Electrical Engineering in the University of Sydney.
(3) The scholarship shall be open to graduates of the University of Sydney or to any other person eligible for admission to candidature for a higher degree in the University of Sydney.
(4) The scholarship may be awarded either
(a) to assist a scholar normally resident in Australia to travel overseas for further study, or
(b) to assist a scholar to travel to Australia to work on an approved research project in the University of Sydney.
(5) The scholarship shall normally be tenable
(a) as a Postgraduate Research Studentship with an annual stipend comparable to the current range of Commonwealth or University of Sydney Postgraduate Research Studentships; or
(b) as a Postdoctoral Research Fellowship with an annual stipend within the current range for University of Sydney Postdoctoral Research Fellowships; or
(c) as a scholarship supplementing another award or grant.

The award of a scholarship may be accompanied by a grant-in-aid towards travelling expenses, and may also provide for tuition fees, technical assistance and equipment where appropriate.
(6) The scholarship shall normally be tenable for one year in the first instance, but may be renewed from year to year, on the receipt of a satisfactory progress report and having regard to any recommendation by the head of the Department of Electrical Engineering.
(7) The scholarship shall be awarded by the Academic Board on the recommendation of a selection committee consisting of the Dean of the Faculty of Engineering, who shall be Chairman, and the Professors, Associate Professors and Readers in the Department of Electrical Engineering. If the Dean of the Faculty is a Professor of Electrical Engineering, one of the other Professors of Engineering shall be appointed to the committee by the Faculty of Engineering.

Faculty of Law[1]

Gustav and Emma Bondy Postgraduate Prize in Jurisprudence
Established in 1971 by a gift of $700 from Dr and Mrs Otto Bondy.

Awarded annually, on the recommendation of the head of the Department of International Law and Jurisprudence, to the best student at the annual postgraduate examinations in the subject Jurisprudence. Value, $40.

Charles Augustus Coghlan Scholarship
Established in 1963 by a bequest of £5000 from Miss E. F. A. Coghlan to establish a scholarship in Law in memory of her father, C. A. Coghlan, KC, MA LLD. Until otherwise determined, the scholarship shall be awarded under the following conditions:

(1) The name of the scholarship shall be the Charles Augustus Coghlan Scholarship.
(2) The scholarship shall be tenable for one year and may be extended for a further year.
(3) The scholarship shall be open to any graduate in Law of the University of Sydney who proposes to pursue advanced legal studies either within the Faculty of Law in the University of Sydney or elsewhere or to any graduate in Law of any other university who proposes to pursue advanced legal studies in the Faculty of Law in the University of Sydney.

[1] Note the following schedule of awards with respect to certain scholarships in the Faculty of Law:
Charles Augustus Coghlan Scholarship
Awarded every four years. First award end 1985.
W. A. Cooke Scholarship
Awarded every two years. First award end 1984.
Jane Cooke Scholarship
Awarded every three years. First award end 1984.
Alfred Godfrey Scholarship
Awarded every two years. First award end 1983.
Arthur Nelson Littlejohn Scholarship
Awarded every four years. First award end 1985.
All awards are subject to the availability of funds.

(4) (a) The scholarship shall be valued at $10 500 per annum.
(b) One travel grant equal to one economy class air fare at student or other concession rate, if applicable, will be paid to enable the scholar to travel from his or her normal place of residence to the university at which the scholar proposes to enrol. Upon expiry of the scholarship a second grant under similar conditions may be made available to allow the scholar to return to his or her normal place of residence, provided that the travel grants do not exceed $2000 in total for any one scholar.
(5) The scholarship shall be awarded by the Academic Board on the recommendation of a committee consisting of the Chairman of the Academic Board, the Dean of the Faculty of Law and the Professors in the Faculty of Law.

Committee for Postgraduate Studies in the Department of Law Scholarship
Established in 1970 by the Committee for Postgraduate Studies in the Department of Law to encourage graduates to pursue postgraduate studies within the Faculty of Law of the University, the scholarship is awarded under the following conditions:
(1) The name of the scholarship shall be the Committee for Postgraduate Studies in the Department of Law Scholarship.
(2) One scholarship shall be available each year.
(3) The scholarship is available to students who enrol as full-time candidates for the degree of Master of Laws by coursework or by thesis in the University of Sydney, or in exceptional circumstances to candidates who enrol for the degree of Doctor of Philosophy.
(4) The scholarship shall be valued at $10 500 per annum subject to approval of the Finance Committee. It shall be tenable for one year but may be renewed for a second year in the case of LLM candidates, or shall be tenable for three years but may be renewed for a fourth year in the case of PhD candidates.
(5) Except with the permission of the Committee, the holder of a scholarship may not undertake any paid employment.
(6) A grant-in-aid, equal to the cost of all compulsory subscriptions and fees payable in order to enrol at the University of Sydney, will be made available to the holder of a scholarship.
(7) If the holder of a scholarship normally resides in a city or a town elsewhere in Australia or overseas, a travel allowance up to an amount equal to one economy class air fare at student or other concession rate, if applicable, will be paid to enable the scholar to travel to Sydney from the scholar's normal place of residence to take up the scholarship. Upon expiry of the scholarship a similar grant may be made available to assist the scholar to return to the scholar's normal place of residence.
(8) The scholarship shall be awarded by the Academic Board on the recommendation of a committee consisting of the Chairman of the Academic Board, the Dean of the Faculty of Law and the professors in the Faculty of Law.

W. A. Cooke Scholarship and The Jane Cooke Scholarship
Established in 1963 by bequests from Clarence Hudson Cooke and Raymond L. Cooke. Clarence Hudson Cooke bequeathed his estate to the University on trust to divide the same into two equal parts and invest each part in certain authorised investments for the purpose of founding two scholarships to be known as the W. A. Cooke Scholarship and the Jane Cooke Scholarship in connection with such branches of knowledge as the University shall think fit. Raymond L. Cooke bequeathed his estate to the University without attaching any specific trusts.

The moneys in the Raymond L. Cooke estate were added to the moneys in the estate of Clarence Hudson Cooke and the total amount was divided into two equal parts.

W. A. Cooke Scholarship
The scholarship is awarded under the following conditions:
(1) The name of the scholarship shall be the W. A. Cooke Scholarship.
(2) The scholarship shall be tenable for one year and may be extended for a further year.
(3) The scholarship shall be open to any graduate in Law of the University of Sydney who proposes to pursue advanced legal studies either within the Faculty of Law in the University of Sydney or elsewhere or to any graduate in Law of any other university who proposes to pursue advanced legal studies in the Faculty of Law in the University of Sydney.
(4) (a) The scholarship shall be valued at $10 500 per annum.
(b) One travel grant equal to one economy class air fare at student or other concession rate, if applicable, will be paid to enable the scholar to travel from his or her normal place of residence to the university at which the scholar proposes to enrol. Upon expiry of the scholarship a second grant under similar conditions may be made available to allow the scholar to return to his or her normal place of residence, provided that the travel grants do not exceed $2000 in total for any one scholar.
(5) The scholarship shall be awarded by the Academic Board on the recommendation of a committee consisting of the Chairman of the Academic Board, the Dean of the Faculty of Law and the Professors in the Faculty of Law.

Jane Cooke Scholarship
The scholarship is awarded under the following conditions:
(1) The name of the scholarship shall be the Jane Cooke Scholarship.
(2) The scholarship shall be tenable for one year and may be extended for a further year.
(3) The scholarship shall be open to any graduate in Law of the University of Sydney who proposes to pursue advanced legal studies either within the Faculty of Law in the University of Sydney or elsewhere or to any graduate in Law of any other university who proposes to pursue advanced legal studies in the Faculty of Law in the University of Sydney.
(4) (a) The scholarship shall be valued at $10 500 per annum.
(b) One travel grant equal to one economy class air fare at student or other concession rate, if applicable, will be paid to enable the scholar to travel from his or her normal place of residence to the univer-

sity at which the scholar proposes to enrol. Upon expiry of the scholarship a second grant under similar conditions may be made available to allow the scholar to return to his or her normal place of residence, provided that the travel grants do not exceed $2000 in total for any one scholar.

(5) The scholarship shall be awarded by the Academic Board on the recommendation of a committee consisting of the Chairman of the Academic Board, the Dean of the Faculty of Law and the Professors of the Faculty of Law.

Freehill, Hollingdale and Page Prize
Established in 1973 by an offer of $200 per annum from Freehill, Hollingdale and Page.

Awarded annually on the recommendation of the head of the Department of Law to the candidate for the degree of Master of Laws by coursework who is most proficient in the course Public Company Finance, provided the candidate's work is of sufficient merit. Value, $200.

Alfred Godfrey Scholarship
Established in 1981 by a bequest of one-half of the net residue of the estate of the late Florence May Padbury to the University of Sydney Law School for the purpose of establishing a scholarship in the Faculty of Law in memory of her late father, Alfred Godfrey, who was a solicitor practising in Sydney.

The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the Alfred Godfrey Scholarship.

(2) The scholarship shall be tenable for one year and may be extended for a further year.

(3) The scholarship shall be open to any graduate in Law of the University of Sydney who proposes to pursue advanced legal studies either within the Faculty of Law in the University of Sydney or elsewhere or to any graduate in Law of any other university who proposes to pursue advanced legal studies in the Faculty of Law in the University of Sydney.

(4) (a) The scholarship shall be valued at $10 500 per annum.

(b) One travel grant equal to one economy class air fare at student or other concession rate, if applicable, will be paid to enable the scholar to travel from his or her normal place of residence to the university at which the scholar proposes to enrol. Upon expiry of the scholarship a second grant under similar conditions may be made available to allow the scholar to return to his or her normal place of residence, provided that the travel grants do not exceed $2000 in total for any one scholar.

(5) The scholarship shall be awarded by the Academic Board on the recommendation of a committee consisting of the Chairman of the Academic Board, the Dean of the Faculty of Law and the Professors in the Faculty of Law.

Law Graduates' Association Medal
Established in 1969 by the offer of the Sydney University Law Graduates' Association to establish an annual prize in the form of a medal.

Awarded annually to the most distinguished student graduating Master of Laws in the Faculty of Law, provided he is of sufficient merit.

Arthur Nelson Littlejohn Scholarship
Established in 1981 by a bequest of £7000 from the late Winton Edith Littlejohn to establish a fund known as the Arthur Nelson Littlejohn Scholarship Fund, the income from which was to be applied to purposes directly or indirectly connected with the Faculty of Law.

The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the Arthur Nelson Littlejohn Scholarship.

(2) The scholarship shall be tenable for one year and may be extended for a further year.

(3) The scholarship shall be open to any graduate in Law of the University of Sydney who proposes to pursue advanced legal studies either within the Faculty of Law in the University of Sydney or elsewhere or to any graduate in Law of any other university who proposes to pursue advanced legal studies in the Faculty of Law in the University of Sydney.

(4) (a) The scholarship shall be valued at $10 500 per annum.

(b) One travel grant equal to one economy class air fare at student or other concession rate, if applicable, will be paid to enable the scholar to travel from his or her normal place of residence to the university at which the scholar proposes to enrol. Upon expiry of the scholarship a second grant under similar conditions may be made available to allow the scholar to return to his or her normal place of residence, provided that the travel grants do not exceed $2000 in total for any one scholar.

(5) The scholarship shall be awarded by the Academic Board on the recommendation of a committee consisting of the Chairman of the Academic Board, the Dean of the Faculty of Law and the Professors in the Faculty of Law.

J. H. McClemens Memorial Prize in Criminology No. 2
Established in 1978, following an appeal inaugurated by the Institute of Criminology under the chairmanship of the Chief Justice of New South Wales, to endow a prize fund in memory of the Hon. Mr Justice J. H. McClemens, Chief Judge at Common Law of the Supreme Court of New South Wales, who for many years was active in the affairs of the Institute as Deputy Chairman.

The prize may be awarded annually by the Board of Postgraduate Studies of the Faculty of Law to the candidate completing the degree of Master of Laws who has achieved the highest aggregate examination mark in at least two courses in the area of Criminology, provided that the candidate's work is of sufficient merit. Value, $125.

J. H. McClemens Memorial Prize in Criminology No. 3
Established in 1980 following an appeal inaugurated by the Institute of Criminology under the chairmanship of the Chief Justice of New South Wales to endow a memorial fund and prizes to honour the memory of The Hon. Mr Justice J. H. McClemens, Chief Judge at Common Law of the Supreme Court of New South Wales who for many years was active in the affairs of the Institute as Deputy Chairman.

To be awarded annually by the Board of Postgraduate Studies Examiners of the Faculty of Law to the most proficient candidate who completes the Diploma

in Criminology provided that the candidate's work is of sufficient merit. Value, $125.

For the J. H. McClemens Memorial Prize in Criminology No. 1, see the Undergraduate Section.

Postgraduate Student Loans
The Committeee for Postgraduate Studies in the Department of Law has established a loan fund to assist especially meritorious students wishing to undertake postgraduate studies in law either at the University of Sydney or an approved overseas university. Up to $1000 will be loaned, free of interest, depending on the needs of the applicant. Repayments will usually be in equal monthly instalments, commencing immediately upon graduation or on discontinuation from the postgraduate course and will extend over twenty-four months.

Applications should be made to the Chairman of the Committee for Postgraduate Studies in the Department of Law, 173–175 Phillip Street, Sydney, N.S.W. 2000, and should be accompanied by a letter of acceptance into a postgraduate programme in law and a statement setting out financial assistance which has been granted or for which applications are still pending.

Nancy Gordon Smith Memorial Prizes
Established in 1983 by a bequest of $10 000 from Nancy Gordon Smith, who graduated Bachelor of Laws (1959) and Master of Laws (1970) in the University of Sydney. At the time of her death she held the positions of Senior Solicitor and Deputy Secretary to the Reserve Bank of Australia.

Nancy Gordon Smith Postgraduate Prize
The prize may be awarded annually on the recommendation of the Board of Postgraduate Studies of the Faculty of Law, to the most proficient candidate for the degree of Master of Laws by coursework, provided that the candidate's work is of sufficient merit. Value, $500.[1]

Nancy Gordon Smith Prizes for Honours at Graduation
Up to four prizes of $100 each may be awarded annually on the recommendation of the Board of Examiners of the Faculty of Law to the first five candidates for the degree of Bachelor of Laws who obtain First Class Honours at graduation.

University of Sydney Foundation Prize
Established in 1980 by an allocation of funds from the Governors of the Trustee of the University of Sydney Foundation for a prize in Law.

The prize is to be awarded annually by the Board of Postgraduate Studies Examiners of the Faculty of Law to the candidate for the degree of Master of Laws who gains first position in the subject Income Tax Law II provided that the candidate's work is of sufficient merit. Value, $150.

Dawson Waldron Prizes
Established in 1982 by the offer of an annual donation from Dawson Waldron, Solicitors, to establish two prizes, to recognise excellence in studies in an area of law in which the firm practises.

Dawson Waldron Prize in Securities Regulation
The Prize in Securities Regulation may be awarded annually on the recommendation of the Board of Postgraduate Studies of the Faculty of Law, to the candidate for the degree of Master of Laws who is most proficient in the course Securities Regulation, provided that the candidate's work is of sufficient merit. Value, $150.

Dawson Waldron Prize in Revenue Law
The Prize in Revenue Law may be awarded annually on the recommendation of the Board of Examiners of the Faculty of Law to the candidate for the degree of Bachelor of Laws who is most proficient in the course Revenue Law (basic or extended), provided that the candidate's work is of sufficient merit. Value, $150.

Faculty of Medicine

The following postgraduate fellowships and scholarships in the Faculty of Medicine are now awarded on the recommendation of the Medical Research Committee:

- Reginald Maney Lake and Amy Laura Bonamy Scholarship for Research in Pathology and Bacteriology
- Anderson Stuart Memorial Research Fellowship
- Marian Clare Reddall Scholarship
- Liston Wilson Fellowship
- Sister Sanders Scholarship
- Norman Haire Fellowship
- William Henry Harris Scholarship
- Vernon Barling Memorial Scholarship
- Joseph Goodburn-Smith Scholarship—awarded in conjunction with one or more of the above scholarships or fellowships.

In 1982 the value of each of these awards, with the exception of the Sister Sanders Scholarship, was between $11 160 and $12 790 per annum according to the qualifications and experience of the appointee. The income from the various fellowship and scholarship funds is supplemented by grants from the Consolidated Medical Research Fund, the Postgraduate Medical Foundation and the University Research Grant.

The Consolidated Medical Research Fund consists of the income from the following private foundations, together with an annual grant from the National Health and Medical Research Council:

- Hebden Research Fund
- Alexander Andrew Dalziell Fund
- Dr George Walker Fund
- W. A. King Fund
- Hilda Violet Marks Fund
- Miriam Rachel Hirst Fund
- Helen Isabella Denny Fund
- William and Amy Lewis Trust
- Aldyth Ettie Quaife Fund

In September of each year a list of the scholarships which will be available for award on 1 January in the following year is circulated to heads of departments in the Faculty of Medicine, the various teaching hospitals and professional associations.

Phyllis Anderson Research Fellowship
Under the will of the late Phyllis Anderson the residuary estate was bequeathed to the University 'to be applied for the purposes of the Faculty of Medicine in such manner as the Senate may determine'.

In 1959 the Senate approved a recommendation of the Faculty of Medicine that the income from the fund be devoted to the advancement of fundamental research in medicine by supporting a fellowship and/or providing other assistance for such work. The fellowship is awarded under the following conditions:

(1) The name of the fellowship shall be the Phyllis Anderson Research Fellowship.

[1] Subject to Finance Committee approval.

(2) The object of the fellowship shall be to promote and encourage fundamental research in any branch of medical science in the Faculty of Medicine in the University of Sydney.
(3) The fellowship shall be open to candidates who are graduates of the University of Sydney or of any other university.
(4) The fellowship shall be of such sum as the Faculty may from time to time determine, payable half-yearly in advance and shall in the first instance be awarded for one year only, but may be renewed from year to year.
(5) The Fellow shall carry out his investigations in one of the Departments of the Faculty of Medicine or, with the approval of the Faculty of Medicine, elsewhere, and shall be required to devote himself full-time to the research specified in his application or to such other research as may be approved by the head of the department in which the work is carried out.
(6) Except with the consent of the Vice-Chancellor, the holder of the fellowship shall not be permitted to undertake any employment for payment during the tenure of his fellowship.
(7) Each Fellow shall transmit to the Registrar half-yearly a formal report on the progress of his work and the continued tenure of the fellowship shall be subject to these reports being judged satisfactory. At the conclusion of the tenure of the fellowship each Fellow shall submit a paper or report embodying the results of his investigations or experience.
(8) Applications should be made to the Registrar.
(9) Fellowships shall be awarded by the Academic Board on the recommendation of the Faculty of Medicine.

Australian and New Zealand Society of Occupational Medicine Prize
Established in 1982 by the offer from the Australian and New Zealand Society of Occupational Medicine of a prize in Occupational Health of an annual gift of books.

Awarded annually on the recommendation of the Director of the Commonwealth Institute of Health and the Head of the Department of Occupational and Environmental Health to a candidate for the degree of Master of Public Health for proficiency in the coursework for the Occupational Health stream of the degree, provided that the candidate's work is of sufficient merit.

The prize shall be in the form of an authority to purchase textbooks in any field of Occupational Health to the value of $200. The books will be inscribed and signed by the President of the Society and the Head of the Department of Occupational and Environmental Health. In the event of two or more students being deemed to be of equal merit, the prize may be shared.

Anthony Pierre Balthasar Scholarship in Anaesthetics
Established in 1981 by a bequest of $50 000 from the late Dr Anthony Pierre Balthasar, MB BS DA, MFARCS FFARACS, for the purpose of supporting research into anaesthesia for medical purposes.

The Scholarship shall be awarded under the following conditions:
(1) The name of the Scholarship shall be the Anthony Pierre Balthasar Scholarship in Anaesthetics.
(2) The object of the Scholarship shall be to promote research into anaesthesia for medical purposes in the University of Sydney.
(3) The Scholarship shall be awarded to a graduate of the University of Sydney or other university or tertiary institution who wishes to undertake research in the Department of Anaesthetics of the University of Sydney.
(4) The value of the Scholarship shall depend on the needs of the holder and shall not exceed the accumulated income from the bequest. The value of other emoluments held may be taken into consideration when the award is being made. The Scholarship may be held in conjunction with any other endowed research scholarship or fellowship and may be in the form of a stipend or grant-in-aid.
(5) The Scholarship shall be awarded by the Medical Research Committee of the Faculty of Medicine on the recommendation of a selection committee consisting of the Dean of the Faculty and the Nuffield Professor of Anaesthetics.
(6) The Scholarship shall be tenable for one year in the first instance and shall be awarded as funds are available. The Scholarship may be renewed for a second or third year on the recommendation of the selection committee.
(7) The scholar shall submit to the Registrar half-yearly a formal report on work progress. The continued tenure of the Scholarship will be subject to the report being judged to be satisfactory.
(8) At the conclusion of the tenure of the Scholarship the scholar shall submit a paper or report embodying the results of the investigations. If any work is published as a result of holding the Scholarship the scholar shall acknowledge the tenure of the Scholarship.

Peter Bancroft Prize
Founded in 1923 by a bequest of £1000 from the late Louise Bancroft of Brisbane, for an annual prize in memory of her husband, Peter Bancroft, MB.

The prize is awarded annually for the best piece of research work in any subject of the medical curriculum by a graduate or undergraduate in the Faculty of Medicine as described in a thesis, publication or essay. In the case of a thesis for a degree this must have been submitted for the degree within the preceding calendar year. In the case of a publication this must have been published within the preceding calendar year. In the case of a specially written essay, the research which it describes must have been carried out substantially within the previous two calendar years.

The award is made by the Faculty of Medicine on the recommendation of a committee of the Faculty. Value, $1200.

Vernon Barling Memorial Fellowship
Established in 1981 by colleagues of Eric Vernon Barling, MBE, MB BS, FRCS FRACS FACS, who died in a motor car accident in 1978 after having been for many years a clinical teacher in the Department of Surgery of the University.

The Fellowship is awarded under the following conditions:
(1) The name of the Fellowship shall be the Vernon Barling Memorial Fellowship.
(2) The object of the Fellowship shall be to assist young surgeons in Australia who wish to undertake further clinical surgical training overseas prior to taking up hospital appointments in Australia.

Preference will be given to those applicants without sufficient means to undertake clinical surgical training overseas.
(3) The Fellowship shall be awarded to a person holding the degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Sydney, or equivalent degrees of an approved institution, who wishes to undertake clinical surgical training at an overseas institution or institutions approved from time to time by the Faculty of Medicine.
(4) The annual income from the Fund shall be available for award for the Fellowship.
(5) The Fellowship shall be tenable for one year only and will be awarded as funds are available. The Fellowship may be held in conjunction with any other endowed scholarship or fellowship, as a travel grant or grant-in-aid.
(6) The Fellowship shall be awarded by the Medical Research Committee of the Faculty of Medicine in the same way as other postgraduate medical awards.
(7) At the conclusion of the tenure of the Fellowship, the fellow shall submit a paper or report embodying the results of the investigations or experience.
If any work is published as a result of holding a Fellowship, the fellow shall acknowledge the tenure of the Fellowship.

Nina Annie Campbell Postgraduate Medical Scholarship
Founded in 1965 by a bequest from the late Miss N. A. Campbell for the purpose of establishing a scholarship for postgraduate medical research.

The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the Nina Annie Campbell Postgraduate Medical Scholarship.
(2) The object of the scholarship shall be to promote and encourage research in any branch of medical science in the Faculty of Medicine in the University of Sydney.
(3) The scholarship shall be open to candidates who are graduates of the University of Sydney, or other universities.
(4) The scholarship shall be of such sum as the Faculty may from time to time determine. In addition, at the discretion of the Faculty an amount of money may be available for the payment of fees and expenses. In the first instance, the scholarship shall be awarded for one year only, but may be renewed from year to year.
(5) The scholar shall carry out his investigations in one of the Departments of the Faculty of Medicine or, with the approval of the Faculty of Medicine, elsewhere, and shall be required to devote himself full-time to the research specified in his application or to such other research as may be approved by the head of the department in which the work is carried out.
(6) Except with the consent of the Vice-Chancellor, the holder of the scholarship shall not be permitted to undertake any employment for payment during the tenure of his scholarship.
(7) Applications should be made to the Registrar.
(8) Scholarships shall be awarded by the Faculty of Medicine.
(9) The conditions governing the award of the scholarship may be varied from time to time as the Academic Board thinks fit.

Centenary Fellowships for Medical Technicians
Established in 1983 by the donation of $50 000 from Mrs N. W. G. Macintosh to mark the Centenary of the Medical School of the University of Sydney.

The fellowships are awarded under the following conditions:

(1) Each fellowship shall be known as a Centenary Fellowship for Medical Technicians.
(2) The object of the fellowships is to provide opportunities for medical technicians to travel in order to acquire further professional knowledge and experience.
(3) The fellowships shall be open to permanent full-time technical staff who are tenured employees of the University and who are employed within the Faculty of Medicine and the Department of Biochemistry. Preference shall be given to those staff who work within the Departments of Anatomy, Histology and Embryology, Physiology and Biochemistry.
(4) The value of a fellowship may be up to the annual income of the fund, and shall be determined by the Selection Committee defined in (6) below.
(5) More than one fellowship may be awarded in any one year provided that the total value of all fellowships awarded shall not exceed the annual income of the fund.
(6) The fellowships shall be awarded by a Selection Committee consisting of the Deputy Vice-Chancellor (Research), who shall preside, the Dean and the Sub-Dean (Preclinical) of the Faculty of Medicine, and a senior technician.
(7) The Selection Committee shall take into account the merit of each applicant and of the proposed studies programme, and the extent to which the applicant and department would benefit professionally.

James and Margaret Claffy Research Fellowship in Ophthalmology
Founded in 1964 by a gift of £23 000 from an anonymous donor. The endowment may be used for a part-time research fellowship (at present $2000 per annum) or, a full-time research fellowship (at present $6000 per annum) or, a full-time training fellowship for medical graduates proceeding to a higher degree (present rates $3780–$4300 per annum) or, a travelling fellowship (at present $4000 per annum) or, a grant-in-aid for research.

(1) The name of the fellowship shall be the James and Margaret Claffy Fellowship in Ophthalmology.
(2) The fellowship shall be awarded by the Academic Board of the University of Sydney, acting on the recommendation of the Faculty of Medicine.
(3) The Fellow shall carry out in the Sydney Eye Hospital research and investigation into diseases of the retina and particularly detachment of the retina.
(4) The fellowship shall be tenable in the first instance for one year, but it may be renewed for one or more years at the discretion of the Academic Board.
(5) Each Fellow shall transmit to the Registrar half-yearly a formal report on the progress of his work, and the continued tenure of the fellowship shall be subject to these reports being judged to be satisfactory. At the conclusion of the tenure of the fellowship each Fellow shall submit a paper or

report embodying the results of his research and investigations.

(6) The conditions governing the award of the fellowship may be varied from time to time as the Senate thinks fit.

Cottees General Foods Prize for Nutrition

Established in 1979 by the offer of an annual donation of $100 from Cottees General Foods Limited.

Awarded annually on the recommendation of the Boden Professor of Human Nutrition to a candidate for the degree of Master of Public Health for proficiency in the human nutrition component of coursework for the degree, provided the candidate's work is of sufficient merit. Value, $100.

Dr Gordon Craig Fellowship in Urology

Dr Gordon Craig, of Macquarie Street, Sydney, having in the years 1926–31 made donations to the University, in the form of money, laboratory equipment, and books amounting in all to about £20 000, there was founded in 1926, out of the income, the Dr Gordon Craig Fellowship in Urology, of the annual value of £100 (subsequently raised to $1200[1]), tenable for three years. The balance of the income is used for the maintenance of the Urology Laboratory.

The fellowship is intended to encourage and advance research in Urology by systematised postgraduate teaching upon lines similar to those adopted in university hospitals abroad.

Thomas and Ethel Mary Ewing Scholarships in Medicine

Established in 1964 by a bequest from Dr Thomas Ewing to establish and maintain a travelling research scholarship or scholarships to be known as the Thomas and Ethel Mary Ewing Scholarship or Scholarships, to be awarded to graduates of the University in the Faculty of Medicine and of the Sydney Teachers' College in rotation. The Scholarship in Medicine is awarded under the following conditions:

(1) The name of the scholarship shall be the Thomas and Ethel Mary Ewing Scholarship in Medicine.

(2) The scholarships shall be awarded to graduates in the Faculty of Medicine of the University of Sydney to enable them to carry out study or research in an overseas institution or institutions approved from time to time by the Faculty of Medicine.

(3) The value of each scholarship shall be at the rate of not less than $2500 per annum and not more than $5000 per annum.

(4) The scholarships shall be awarded for a period of up to one year in the first instance, but may be renewed for a second or third year.

(5) The scholarships will be awarded by the Faculty of Medicine on the recommendation of the Medical Research Committee.

(6) No scholar shall be permitted, without the approval of the Vice-Chancellor, to occupy any salaried position or to undertake any employment for pay during the tenure of the scholarship.

(7) The scholar shall continue to hold the scholarship in accordance with the above conditions only so long as his work is considered to be satisfactory by the Faculty of Medicine.

(8) The number of scholarships offered and the conditions governing the award of the scholarships may be varied from time to time by the Academic Board on the recommendation of the Faculty of Medicine.

Foundation for Research and Treatment of Alcoholism and Drug Dependence of New South Wales Prizes

Established in 1960 by an offer from the Foundation for Research and Treatment of Alcoholism of two prizes, to be awarded annually to graduates and undergraduates in the Faculty of Medicine for an essay on the Medical Aspects of Alcoholism and Drug Dependence.

Students in the fourth, fifth or sixth year and graduates of not more than five years' standing may submit essays by the end of Lent Term each year. The award will be made by the Faculty of Medicine on the recommendation of a committee appointed by the Faculty from time to time. Value, $63 and $42.

Joseph Goodburn-Smith Scholarship

Founded in 1955 by a bequest of £3250 from the late Mrs Emily Beatrice Goodburn-Smith for the purpose of establishing a medical research scholarship to be known as the Joseph Goodburn-Smith Medical Research Scholarship.

It has been decided that the scholarship shall be awarded in conjunction with any other endowed medical research scholarship or fellowship.

Agnes Guthrie Prize

Founded in 1940 by a bequest of £1570 from the late Robert Guthrie to establish the Agnes Guthrie Prize for Medical Research.

Awarded by the Medical Research Committee of the Faculty of Medicine to assist a medical graduate of the University to continue medical research already commenced. Other things being equal, it is understood that preference will be shown to candidates concentrating on research on arteriosclerosis or an allied subject. The prize will be awarded annually and the amount of the award will be the yearly income from the capital value of the bequest.

Norman Haire Fellowship

Under the will of the late Norman Haire, the residue of his estate was bequeathed to the University to be applied in such a manner as the Senate may determine for the study of Sexology.

In 1952 the Senate approved the following conditions relating to the acceptance of Norman Haire's bequest:

(1) The income from the bequest to be applied to original research on sex, continuing and expanding work of the kind which is already being done in the Faculty of Medicine.

(2) The fund to be named the Norman Haire Fund.

(3) From time to time a fellowship, called the Norman Haire Fellowship, to be awarded upon the recommendation of the Faculty of Medicine for research in the field stated.

(4) The fellowship to be tenable for one year, but in the event of the Fellow undertaking approved work likely to extend over more than this period, the Faculty may recommend at the time of appointment, that the tenure be extended to two years. A fellow may be eligible for reappointment.

(5) Any additional revenue may be used for publication with the approval of the Senate.

[1] In recent years the value of this Fellowship has been supplemented from other sources by an amount determined from year to year.

Garnet Halloran Prize
Established in 1965 by the bequest of $1000 from the late Dr G. R. Halloran, to establish a prize 'for the best thesis on the subject of cancer of the head and/or chest, or other associated subjects'. The fund was augmented in 1972 by a further gift of $720 from Mrs Winifred L. Halloran, the widow of Dr Halloran. The prize is to be awarded under the following conditions:

(1) The prize is to be known as the Garnet Halloran Prize.
(2) The prize will be awarded every two years provided there is a candidate of sufficient merit.
(3) To be eligible to submit a thesis for consideration for the prize an applicant must be a graduate in Medicine of the University of Sydney or if a graduate in Medicine from another university have at least one year of teaching and/or research experience in the University of Sydney or an associated teaching hospital.
(4) The thesis which may be submitted for consideration may comprise a thesis submitted for a higher degree or an essay, or published work, on the subject of 'cancer of the head and/or chest, or other associated subjects'.
(5) Theses must be lodged with the Registrar in Trinity Term in the year in which the award is to be made.
(6) The prize will be awarded by the Dean of the Faculty of Medicine on the recommendation of a committee to be appointed as need arises by the Faculty of Medicine. Value, $400.

William Henry Harris Scholarship
Established in 1983 by a bequest of $11 500 from Dr William Henry Harris. Dr Harris graduated MB ChM in 1897 in the University of Sydney. The purpose of the bequest was to found scholarships or prizes to promote and encourage research into cancer or its related conditions or any other disease affecting humans. On the advice of the Faculty of Medicine, the Academic Board resolved that the fund be used to support a postgraduate scholarship. The scholarship is awarded under the following conditions:

(1) The name of the Scholarship shall be the William Henry Harris Scholarship.
(2) The scholarship shall be awarded by the Faculty of Medicine on the recommendation of the Medical Research Committee on the basis of academic merit and appropriateness of the proposed programme of research.
(3) The scholarship may only be awarded to an applicant who is eligible for admission to candidature for a higher degree by research and who enrols accordingly.
(4) The scholarship shall be tenable for one year in the first instance but may be renewed on the recommendation of the Medical Research Committee for a second year, and, in the case of a PhD candidate, a third year.
(5) The value of the scholarship shall be determined by the Medical Research Committee at the time of award.

Reginald Maney Lake and Amy Laura Bonamy Scholarship for Research in Pathology and Bacteriology
The Reginald Maney Lake Pathological Research Scholarship was founded in 1926 by a gift of 250 £10 shares in a public company by an anonymous donor for the promotion of pathological research. The scholarship is open to graduates of the Medical School of the University who are prepared to devote their whole time to pathological research work.

This scholarship is awarded in conjunction with the Amy Laura Bonamy Scholarship which was established in 1948 by a bequest of £5516 from the late Mrs N. M. B. Cowburn.

Henry Langley Scholarship
Established in 1972 by a bequest from the late Henry Langley for the purpose of establishing a medical research scholarship for research into the treatment of rheumatoid arthritis.

The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the Henry Langley Scholarship.
(2) The scholarship shall be for medical research into the treatment of rheumatoid arthritis. The scholar shall carry out his investigation in one of the Departments of the Faculty of Medicine in the University of Sydney, and shall be required to devote himself full-time to the research specified in his application or to such other research as may be approved by the head of the department in which the work is carried out.
(3) The scholarship shall be open to candidates who are graduates of the University of Sydney, or other universities.
(4) The scholarship shall be awarded by the Faculty of Medicine and shall in the first instance be awarded for one year only, but may be renewed from year to year. The scholarship may be awarded in conjunction with any other endowed medical research scholarship or fellowship.
(5) Except with the consent of the Vice-Chancellor, the holder of the scholarship shall not be permitted to undertake any employment for payment during the tenure of his scholarship.
(6) The annual income from the bequest shall be used for the scholarship.
(7) The conditions relating to the award of the scholarship may be varied by the Academic Board, acting on the recommendation of the Faculty of Medicine.

Ewan Staunton McKinnon Scholarship
Established in 1969 by a bequest of $20 000 from the late Mary Anne McKinnon.

The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the Ewan Staunton McKinnon Scholarship.
(2) The scholarship shall be for medical research in the Faculty of Medicine in the University of Sydney. The scholar shall carry out his investigations in one of the Departments of the Faculty of Medicine, and shall be required to devote himself full-time to the research specified in his application or to such other research as may be approved by the head of the department in which the work is carried out.
(3) The scholarship shall be open to candidates who are graduates of the University of Sydney, or other universities.
(4) The scholarship shall be awarded by the Faculty of Medicine and shall in the first instance be awarded for one year only, but may be renewed from year to year. The scholarship may be awarded in conjunction with any other endowed medical research scholarship or fellowship.
(5) Except with the consent of the Vice-Chancellor, the holder of the scholarship shall not

be permitted to undertake any employment for payment during the tenure of his scholarship.
(6) The annual income from the bequest shall be used for the scholarship.
(7) The conditions relating to the award of the scholarship may be varied by the Academic Board, acting on the recommendation of the Faculty of Medicine.

Herbert J. Marks Memorial Prize
The Herbert Marks Memorial Fund was founded in 1933 and from 1947 the income from the fund has been applied to provide a Herbert Marks Memorial Prize in disease of the ear, nose and throat.

Awarded to any graduate of the University who submits a contribution in any one year on original work which adds to the knowledge and understanding of the diseases of the ear, nose and throat. Value, $400 each year.

Hugh Massie Travelling Scholarship in Ophthalmology
The scholarship was established in 1980 from a donation of $10 000 from Mrs M. Massie to establish a travelling scholarship in Ophthalmology in memory of her son, Hugh.
(1) The name of the scholarship shall be the Hugh Massie Travelling Scholarship in Ophthalmology.
(2) The objects of the scholarship shall be to further studies in ophthalmology and to encourage and promote ophthalmology at the University of Sydney.
(3) The scholarship shall be awarded to a graduate of the University of Sydney who wishes to undertake postgraduate study at another Australian university or at an overseas university or other approved institution.
(4) The annual income from the bequest shall be used for the scholarship.
(5) The scholarship will normally be tenable for one year only, and shall be awarded as funds are available. The scholarship may be awarded in conjunction with any other endowed medical research scholarship or fellowship.
(6) The scholarship shall be awarded by the Faculty of Medicine on the recommendation of the Medical Research Committee.
(7) The scholar shall not, except with the approval of the Vice-Chancellor, occupy any salaried position during the term of appointment.
(8) A scholar seeking continuation of the award shall submit to the Registrar a formal report on work progress. The continued tenure of the scholarship will be subject to the report being judged to be satisfactory.
(9) At the conclusion of the tenure of the scholarship, the scholar shall submit a paper or report embodying the results of the investigations or experience. If any work is published as a result of holding a scholarship, the scholar shall acknowledge the tenure of the scholarship.

John Brooke Moore Scholarship in Surgery
Established in 1979 by a bequest from the late Moira Brooke Moore to establish a postgraduate scholarship in Surgery to the memory of her father Dr John Brooke Moore, who practised surgery for many years in Bathurst, New South Wales. The scholarship is awarded under the following conditions:
(1) The name of the scholarship shall be the John Brooke Moore Scholarship in Surgery.
(2) The object of the scholarship shall be to further the training in surgery of a graduate of the Faculty of Medicine of the University of Sydney.
(3) The scholarship shall be awarded to a young graduate of the Faculty of Medicine of the University of Sydney who wishes to undertake further study in surgery at an Australian or overseas university or approved institution.

An applicant must have displayed, in the opinion of the Dean and the head of the Department of Surgery, an aptitude for surgery and be likely to devote himself or herself to the learning of surgery and the furthering of knowledge in that subject.
(4) The annual income from the bequest shall be used for the scholarship.
(5) The scholarship shall be awarded for one year in the first instance but may be renewed for a second or third year. The scholarship may be held in conjunction with any other postgraduate medical awards.
(6) The scholarship will be awarded by the Medical Research Committee of the Faculty of Medicine, in the same way as other postgraduate medical awards.
(7) The scholar may not, except with the approval of the Vice-Chancellor, occupy any salaried position during the term of appointment.
(8) The scholar shall submit to the Registrar half yearly a formal report on work progress. The continued tenure of the scholarship will be subject to the report being judged to be satisfactory.
(9) At the conclusion of the tenure of the scholarship, the scholar shall submit a paper or report embodying the results of the investigations or experience. If any work is published as a result of holding a scholarship, the scholar shall acknowledge the tenure of the scholarship.

Marion Clare Reddall Scholarship
Founded in 1927 by a bequest of £3000 from Dr Osborne Henry Reddall for the purpose of founding an annual scholarship or bursary for research work in medical science. The scholarship is awarded under the following conditions:
(1) The scholarship shall be awarded by the Senate on the recommendation of the Faculty of Medicine for research in any branch of medical science.
(2) The scholarship shall be open to any graduate of the University of Sydney.
(3) During his tenure of the scholarship the holder shall prosecute his researches in some place approved by the Faculty of Medicine.
(4) The tenure of the scholarship shall be for one year but it may at the discretion of the Senate, be renewed for one or more years.
(5) At the discretion of the Faculty of Medicine, and with the approval of the Chancellor, the award of the scholarship may be withheld and the interest allowed to accumulate, in order that a larger sum may be available for subsequent years.
(6) Applications for the scholarship shall be in the hands of the Registrar by 1 October.

A. J. Reynolds Prize
Established in 1944 by a gift of £100 from A. J. Reynolds.

Awarded annually to the undergraduate or graduate in Medicine who submits the best essay dealing with research into causes, prevention, or cure of the

disease of spondylitis in human beings. Value up to $50.

Edith Mary Rose Travelling Scholarship
In 1979, the late Leonard Isaac Rose bequeathed the residue of his estate for the founding of a travelling scholarship or scholarships for graduates of the Faculty of Medicine or preclinical medical subjects in the University of Sydney (or for graduates of any faculty in the University of Sydney) upon such conditions as the Senate may from time to time determine, the scholarship to be known as the Edith Mary Rose Travelling Scholarship. The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the Edith Mary Rose Travelling Scholarship.
(2) The object of the scholarship shall be to further studies in preclinical medical subjects.
(3) The scholarship shall be awarded to a graduate of the University of Sydney who wishes to undertake postgraduate study or research at an Australian university, other than the University of Sydney, or overseas institution or institutions approved from time to time by the Faculty of Medicine.

Applicants must show evidence of research experience or potential in the field of preclinical medical subjects.
(4) The value of the scholarship shall depend on the needs of the holder and shall not exceed the previous year's income from the bequest. The value of other emoluments held may be taken into consideration when the award is being made. The scholarship may be held in conjunction with any other endowed research scholarship or fellowship.
(5) The scholarship shall be awarded for one year in the first instance but may be renewed for a second or third year.
(6) The scholarship shall be awarded by the Medical Research Committee of the Faculty of Medicine, in the same way as other postgraduate medical awards.
(7) The scholar may not, except with the approval of the Vice-Chancellor, occupy any salaried position during the term of appointment.
(8) The scholar shall submit to the Registrar half yearly a formal report of work progress. The continued tenure of the scholarship will be subject to the report being judged to be satisfactory.
(9) At the conclusion of the tenure of the scholarship, the scholar shall submit a paper or report embodying the results of the investigations or experience. If any work is published as a result of holding the scholarship, the scholar shall acknowledge the tenure of the scholarship.

Sister Sanders Scholarship
Established in 1936 under the bequest of £2000 from the late Maria F. Sanders for research work for the prevention of disease in children. The scholarship is awarded under the following conditions:

(1) The scholarship is awarded every three years for the term of one year; the value of the scholarship is the amount of the accumulated interest in the scholarship fund.
(2) The scholarship is awarded to a graduate of at least two years' standing.
(3) The scholar is required to carry out part-time research work into some aspect of the diseases of children, with particular reference to the preventive aspect.
(4) The scholar shall conduct his work either at the Royal Alexandra Hospital for Children or other hospitals specially approved by the Faculty, or in one of the departments of the University, and shall be required to furnish progress reports to the Faculty at six-monthly intervals.
(5) The scholar is given the privilege of residence free of charge at the Royal Alexandra Hospital for Children, where he shall be, for the purposes of discipline, under the control of the Chief Executive Officer and Medical Superintendent.

Anderson Stuart Memorial Research Fellowship
Founded in 1924 by a gift of £1400 from subscribers to a memorial of Sir Thomas Anderson Stuart, Professor of Physiology from 1883 to 1920, and Dean of the Faculty of Medicine for thirty-seven years. The fellowship is awarded under the following conditions:

(1) The name of the fellowship shall be the Anderson Stuart Memorial Research Fellowship.
(2) The fellowship shall be awarded once every three years by the Senate on the recommendation of the Faculty of Medicine, and the first award shall be made in the year 1927.
(3) The fellowship shall be tenable for one year by a graduate in Medicine of the University of Sydney.
(4) Every graduate applying for this fellowship shall state the subject and research work he proposes to carry out, and the place where he proposes to undertake the research.
(5) In the event of the fellowship not being awarded for any particular year in which it is available, it may be awarded in the next or subsequent year.
(6) In the case of all work published in the form of papers or reports as a result of holding the fellowship, it shall be distinctly stated that the work was carried out whilst holding the Anderson Stuart Memorial Research Fellowship.
(7) The amount of the fellowship shall be $450, or such other sum as the Senate may determine, payments to be made quarterly.
(8) Each Fellow shall be required to devote his whole time to the research specified in his letter of application for the fellowship, and shall be required to furnish a report on the progress of his investigations quarterly to the Faculty of Medicine. He may carry on his investigations in one of the laboratories of the University or elsewhere, subject to the approval of the Faculty of Medicine.

Ethel Talbot Memorial Scholarship
Founded in 1913 by a gift of £225 given by the subscribers to the Ethel Talbot Memorial Fund. The scholarship which is intended for the encouragement of research in the Faculty of Medicine, shall be awarded by the Medical Research Committee of the Faculty of Medicine to assist in work about to be undertaken. The annual income from the Fund shall be awarded each year.

T. B. Walley Fellowship in Obstetrics
Under the will of the late Percy Walley, the residue of the estate was bequeathed to the University for the endowment of a Fellowship in Obstetrics in the Faculty of Medicine, to be known as the T. B. Walley Fellowship in Obstetrics.

The fellowship has been established under the following conditions:

(1) The name of the fellowship shall be the T. B. Walley Fellowship in Obstetrics.

(2) The object of the fellowship shall be to enable graduates in the Faculty of Medicine in the University of Sydney to engage in research in Obstetrics at the University of Sydney or such other place as may be approved by the Faculty of Medicine.

(3) Each Fellow shall spend at least one year in research abroad.

(4) The value of the fellowship shall be $2504, or such other sum as the Faculty of Medicine may from time to time determine.

(5) The fellowship shall be awarded by the Faculty of Medicine on the recommendation of the Dean of the Faculty of Medicine and the Professor of Obstetrics.

(6) The fellowship shall be tenable for two years in the first instance but may be renewed for a third year, and, in exceptional circumstances, for a fourth year.

(7) Each Fellow shall submit to the Registrar half-yearly a written report on the progress of his research and the tenure of the fellowship shall be subject to these reports being judged to be satisfactory. At the conclusion of the tenure of the fellowship each Fellow shall submit a report embodying the results of his research and shall state in the report that such research was carried out while holding the T. B. Walley Fellowship in Obstetrics.

Liston Wilson Fellowship

Founded in 1930 by a gift of £5000 from A. Liston Wilson of Auckland, N.Z., to promote research into spastic paralysis. The fellowship is awarded under the following conditions:

(1) The fellowship shall be awarded by the Senate of the University, acting on the recommendation of a committee consisting of the Dean of the Faculty of Medicine, the Professor of Anatomy, and a practising member of the medical profession to be appointed from time to time by the Senate.

(2) The holder of the fellowship should where possible be a graduate in Medicine, with experience in hospital and general practice for at least one year.

(3) The subject of research by the holder of the fellowship shall be spastic paralysis, or some closely allied subject.

(4) The holder may be a full-time Fellow or part-time Fellow as determined by the Senate on the recommendation of the committee, and the fellowship may be held in Sydney, or it may be a travelling fellowship. The tenure of the fellowship shall be for one year, but it may, at the discretion of the Senate, be renewed for one or more years. The Fellow shall be required to furnish, quarterly, to the committee a written report of his investigations.

(5) In the case of all work published as a result of holding any Liston Wilson Fellowship, the Fellow shall distinctly indicate in his publications that he is the holder of a Liston Wilson Fellowship of the University of Sydney.

Kenneth Firth Vickery Scholarship

Established in 1966 by a bequest of $2000 from Dr Kenneth Firth Vickery to establish a scholarship in the field of cancer research. Dr Vickery graduated MB ChM in 1911 and DPH in 1920 in the University of Sydney.

The scholarship shall be awarded under the following conditions:

(1) The name of the scholarship shall be the Kenneth Firth Vickery Scholarship.

(2) The object of the scholarship is to promote research in the field of cancer.

(3) The scholarship may be awarded to full-time postgraduate students enrolled in the University of Sydney who are undertaking cancer research.

(4) The scholarship shall be awarded on the recommendation of the Dean of the Faculty of Medicine.

(5) The scholarship may be held in conjunction with any other postgraduate award and may be in the form of a supplementary living allowance, a travel grant or a grant-in-aid.

(6) The scholarship is valued at $500 per annum and is tenable for one year.

Faculty of Science (including Pharmacy)

R. and M. Bentwich Scholarship

Established in 1973 by a bequest of $2000 from the late May Bentwich of Mosman to be used as a scholarship for postgraduate research in the Faculty of Science to be called the R. and M. Bentwich Scholarship. The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the R. and M. Bentwich Scholarship.

(2) The scholarship shall be awarded to a graduate or graduand in the Faculty of Science who already holds a postgraduate research scholarship and who requires a supplementary grant for some special need. The scholarship may be in the form of:

(a) a supplementary living allowance where the scholarship it supplements is not adequate for the holder's expenses and/or

(b) a travel grant for the purpose of travel in connection with a holder's research either within Australia or overseas and/or

(c) a grant-in-aid for the holder for expenses incurred in connection with his postgraduate research.

(3) The scholarship may be awarded each year and shall be tenable for one year. The holder of the scholarship may apply for a renewal of his tenure for a second year. His application will be considered in competition with other applications received for the new award.

(4) The scholarship shall be awarded by the Faculty of Science on the recommendation of the Board of Postgraduate Studies of the Faculty of Science.

(5) The value of the scholarship shall depend on the needs of the holder and shall not exceed the previous year's income in the Fund. The value of other emoluments held shall be taken into consideration when the award is being made.

(6) The conditions governing the award of the scholarship may be varied from time to time as the Senate thinks fit.

Earth Resources Foundation Scholarship

Established in 1982 from funds committed by the Earth Resources Foundation for the purpose of encouraging research in geology and geophysics.

The scholarship shall be awarded under the following conditions:

(1) The name of the scholarship shall be the Earth Resources Foundation Scholarship.

(2) The object of the scholarship shall be to encourage suitably qualified graduates to undertake full-time candidature for the degree of Doctor of Philosophy or Master of Science in the Department of Geology and Geophysics.

(3) The scholarship may be awarded in 1982 and each year thereafter, and additional scholarships may be awarded as funds are available.

(4) The scholarship shall be open to graduands or graduates who have qualified for the award of the degree of Bachelor of Science with first class honours, or second class honours Division 1, or such other qualifications as the Faculty of Science deems appropriate.

(5) The value of the scholarship shall be $10 500 per annum.

(6) The scholarship shall be tenable for one year in the first instance, but, subject to the Council's receiving a satisfactory annual report on progress, may be renewed for a second year, and in the case of a PhD candidate a third, and in special circumstances a fourth year.

(7) The scholarship shall be awarded by the Council of the Foundation on the recommendation of the Director to the most meritorious of such applicants provided that —

(a) the applicant's academic record is of sufficient merit; and

(b) the applicant is accepted for and enrols as a full-time candidate for the degree of Doctor of Philosophy or Master of Science in the Department of Geology and Geophysics.

(8) A scholar shall acknowledge the tenure of the scholarship in any thesis or other publication which shall result from such tenure.

Edgeworth David Travelling Scholarship

Established in 1936 by a gift of £2080 from subscribers to the David Memorial Fund as a memorial of the great work done by Sir Edgeworth David for the science of geology and the outstanding importance of his teaching, research, and contributions to geological knowledge as Professor of Geology in the University for more than thirty years. The income from the fund is to be applied in such manner as the Senate thinks will best aid in the advancement of the science of geology.

The Senate decided that the income from the David Memorial Fund shall be used for the establishment of a postgraduate travelling scholarship for Geology, to be called the Edgeworth David Travelling Scholarship, but that the scholarship should not be awarded until the capital had increased appreciably.

In 1952 the Senate decided that the Edgeworth David Travelling Scholarship should be awarded under the following conditions:

The Edgeworth David Travelling Scholarship will be awarded only to graduates of outstanding merit in the geological sciences on the specific recommendation of the Professor of Geology and subject to the approval of the Faculty of Science.

The scholarship may be awarded as—

(1) A senior postgraduate appointment of such value as will enable a graduate in the geological sciences to proceed overseas for a period of research and study of not less than six months' duration.

(2) A postgraduate award of not more than three months' duration for field studies to be carried out in the South-western Pacific region, but not within the continent of Australia.

(3) A supplementary postgraduate scholarship, intended to enable a graduate to proceed overseas on an award made by this or other university or institution which would prove to be inadequate to meet all essential costs entailed in the projected and approved scheme of work.

The Senate decided that the capital of the fund would be £3550 which includes the original capital and the accumulated interest.

Farrand Postdoctoral Research Fellowship

Founded in 1958 by a bequest from the late Annie Farrand on the residue of her estate to establish a scholarship in the Faculty of Science, the terms and conditions with regard to the establishment and perpetuation of the scholarship being left to the discretion of the Senate.

The Senate decided then that the fund should be used to establish an annual award of two scholarships, each tenable for one year and valued at $400 to undergraduates in the Faculty of Science who are ineligible for Commonwealth Scholarships, with preference being given to senior students.

After 1967, the funds of the bequest were accumulated until 1973 when the Senate decided that they should be used to establish the Farrand Postdoctoral Fellowship, with the following conditions of award:

(1) Applicants shall normally hold a PhD degree or have research publications revealing equivalent status.

(2) The fellowship is available in a Department in the Faculty of Science.

(3) Appointments shall be made by the Vice-Chancellor on the recommendation of the Board of Postgraduate Studies of the Faculty of Science.

(4) The tenure shall be for one year, renewable for a second year on the recommendation of the head of the department concerned.

(5) (a) The remuneration shall be within the scale for Postdoctoral Research Fellows appointed under the University Research Grant. This remuneration is subject to Australian Income Tax deductions.

(b) An appointee coming from overseas may receive a grant to cover the economy-class air-fare by the most direct route and the most economical rate available at the time, and if married may receive an additional grant not exceeding $300 as a contribution towards the fare of the spouse.

(c) An expenses grant of up to $700 in any one year may be made available to the Department in which the fellowship is held.

(6) Appointments shall be made primarily on research merit and, other things being equal, preference will be given:

(a) to applicants whose research training has been primarily received other than at the University of Sydney; and

(b) to applicants not likely to receive another award tenable at the University of Sydney; and

(c) to applicants who have comparatively recently completed their PhD. The fellowship is not intended for persons who are in or who have held a career position since they were awarded their PhD.

(7) Appointments to the Farrand Postdoctoral Research Fellowship will not ordinarily be made to an applicant wishing to spend less than one academic year in the University of Sydney.
(8) Applications may be lodged with the Registrar at any time. He will then endeavour to indicate when the fellowship will next be available.

Rupert Frew Memorial Scholarship
For conditions of award see under *Undergraduate scholarships and prizes.*

George Harris Scholarship
Established in 1973 by a bequest of $16 323 from the late George Harris. There are two scholarships, one for chemistry and one for geology.

The Chemistry Scholarship is awarded annually by the Dean of the Faculty of Science on the recommendation of the professors of the School of Chemistry, to a student enrolled as a candidate for the degree of Doctor of Philosophy in either Organic, Inorganic, Physical or Theoretical Chemistry, provided he is of sufficient merit. Value, $750.

The Geology Scholarship is awarded annually by the Dean of the Faculty of Science on the recommendation of the head of the Department of Geology and Geophysics, to a student enrolled as a candidate for the degree of Doctor of Philosophy in Geology and Geophysics, provided he is of sufficient merit. Value, $750.

Jabez King Heydon Memorial Prize
Established in 1983 by a bequest of $4000 from Kathleen Joan Laurence to establish a prize in the Biological Sciences in memory of Jabez King Heydon.

The prize may be awarded annually in the School of Biological Sciences for the most meritorious PhD thesis submitted in the twelve months preceding the award. The award shall be made on the recommendation of a committee consisting of the head of the School of Biological Sciences, and the professors, readers and associate professors in the School of Biological Sciences. Value, $625.

Professor Harry Messel Research Fellowship in Physics
The Senate at its meeting on 3 September 1979 accepted the generous offer of the gift of $200 000 from Dr and Mrs Cecil H. Green of Dallas, Texas, to endow a postdoctoral or graduate student fellowship to be known as the 'Professor Harry Messel Research Fellowship in Physics'. The scholarhip shall be awarded under the following conditions:

(1) The object of the fellowship shall be to promote and encourage research in Physics in the University of Sydney.
(2) The fellowship shall be open to graduates from the University of Sydney or any other university or tertiary institution.
(3) The fellowship shall be awarded by the Academic Board acting on the recommendation of the Board of Postgraduate Studies of the Faculty of Science.
(4) Where the fellowship is awarded at the postdoctoral level, the annual stipend shall be within the current range for University of Sydney Postdoctoral Research Fellowships. Where the fellowship is awarded at the postgraduate level, the annual stipend shall be equal in value to a Commonwealth Postgraduate Research Award. The award of the fellowship may be accompanied by a grant-in-aid from other sources towards travelling expenses, and may also provide for tuition fees, technical assistance and equipment where appropriate.
(5) The fellowship shall normally be tenable for one year in the first instance, but may be renewed from year to year, on the receipt of a satisfactory progress report and having regard to any recommendation by the head of the School of Physics.
(6) The fellow shall transmit to the Registrar half yearly a formal report on the progress of the research. The continued tenure of the fellowship shall be subject to the report being considered satisfactory by the head of the School of Physics.
(7) The fellow shall not, except with the approval of the Vice-Chancellor, occupy any salaried position or undertake any employment for payment or hold any other award during the fellowship. The fellow shall work full time on the research he has been appointed to undertake.
(8) The fellow shall furnish a report on the completion of tenure of the fellowship to the Faculty of Science. In work published in the form of papers or reports arising from research undertaken whilst a fellow, the fellow shall acknowledge his tenure of the fellowship.

Nutrition Research Foundation Scholarships
Established in 1983 by funds committed by the Nutrition Research Foundation to promote postgraduate research in nutrition. The scholarships are awarded under the following conditions:

(1) Each scholarship shall be named a Nutrition Research Foundation Scholarship.
(2) The object of the scholarships shall be to assist suitably qualified graduates to undertake full-time candidature for the degree of Doctor of Philosophy or Master of Science by research in Human Nutrition.
(3) The scholarship may be awarded in 1983 and each year thereafter subject to the availability of funds.
(4) The scholarships shall be open to applicants who have qualified for the award of the degree of Bachelor of Science with first class honours or second class honours division 1, or who hold equivalent qualifications.
(5) The scholarships shall be awarded by the Council of the Foundation on the recommendation of the Director to the most meritorious applicants provided that each applicant is accepted for and enrols in a higher degree at the University of Sydney in accordance with section 2 above.
(6) Each scholarship shall be tenable for up to one year. On the recommendation of the Director, a scholarship may be renewed for a second year and in the case of a PhD candidate for a third and, in special circumstances, a fourth year.
(7) The value of each scholarship shall be determined by the Council of the Foundation on the recommendation of the Director, up to a maximum of $6850 per annum.
(8) A scholarship may be awarded to an applicant who is in receipt of another award.

Lewy Miall Pattinson Scholarships
Founded in 1943 by a gift of £5000 from Mr Lewy Miall Pattinson, of Turramurra, New South Wales, supplemented by a bequest of an additional sum of

£5000 on his death in January 1944, for the encouragement of the study of pharmaceutical science.

The scholarships are of value of not less than $300 nor more than $1000 per annum and will be awarded on the recommendation of the head of the Department of Pharmacy and as the income of the Foundation permits to suitable applicants either for undergraduate or postgraduate study of Pharmaceutical Science. The following will be eligible for consideration for awards:

(1) Students proceeding towards an honours degree, higher degree, or postgraduate diploma in Pharmacy.

(2) Graduates in Science who wish to engage in postgraduate research in Pharmaceutical Science.

(3) Persons who have studied Pharmacy in another State and who may desire to undertake postgraduate work in Pharmaceutical Science in the University of Sydney.

Elizabeth Wunsch Postgraduate Research Scholarship in Pharmacy

Established in 1982 by a bequest from the late Elizabeth Wunsch for the purpose of pharmaceutical research.

The scholarship shall be awarded under the following conditions:

(1) The name of the scholarship shall be the Elizabeth Wunsch Postgraduate Research Scholarship.

(2) The object of the scholarship shall be to promote and encourage research work within the Department of Pharmacy within the University of Sydney.

(3) The scholarship shall be open to graduates or graduands of the University of Sydney or any other university who are eligible to enrol in a higher degree in the Department of Pharmacy on a topic approved by the Head of the Department.

(4) The scholarship shall be valued at $6150 per annum and shall provide an annual maintenance allowance of $450. Additional allowances, as are provided by the University Postgraduate Research Award Scheme, shall also be available.

(5) The scholarship shall be tenable for one year in the first instance, but, subject to satisfactory progress, may be renewed for a second year and in the case of a PhD candidate a third, and in special circumstances a fourth, year.

(6) The scholarship shall be awarded by the Academic Board on the recommendation of a committee consisting of the Chairman of the Academic Board, the Dean of the Faculty of Science and the Head and the Professors of the Department of Pharmacy.

Faculty of Science or Faculty of Engineering

Ormsby Hamilton Radio Prize

Founded in 1937 by a gift of £200 from J. W. Hamilton Esq. of London, for the encouragement of the study of radio science at the University, in memory of his father, Thomas Ormsby Hamilton, who died in Hobart in 1870.

The prize may be awarded every second year for a dissertation (such as an essay, research report or thesis) in the field of radio science produced by an undergraduate, or a graduate of not more than four years standing from the award of the first degree appropriate to the field.

The prize shall be awarded on the recommendation of the head of the Department of Electrical Engineering and the head of the School of Physics.

Value, up to $600.

Peter Nicol Russell Medal

The Peter Nicol Russell Medal (value $40) is open to competition amongst graduates in Science or Engineering of not less than one or more than four years' standing at the time of the award. It is intended to encourage postgraduate study in Engineering. Candidates are required to prepare and submit a thesis embodying the result of an original investigation in some Engineering subject.

The thesis must be in the hands of the Registrar not later than the first day of Lent Term.

Faculty of Veterinary Science

The following awards support work at postgraduate level:

Lionel Lonsdale Clinical Fellowship
James Ramage Wright Scholarship
F. H. Loxton Postgraduate Studentship
Jean Walker Trust Fellowship
Eric Horatio Maclean Scholarships

The following awards support work at postdoctoral or higher level:

Evelyn Williams Visiting Scholarships
Jean Walker Trust Fellowship

Lionel Lonsdale Clinical Fellowship

Established in 1977 by a bequest from the late Lionel Marcelles Lonsdale to establish a postgraduate fellowships in the Department of Veterinary Clinical Studies. The fellowships are awarded under the following conditions:

(1) The names of the fellowships shall be the Lionel Lonsdale Junior Clinical Fellowship and the Lionel Lonsdale Senior Clinical Fellowship.

(2) The object of the junior fellowship is to enable graduates in veterinary science who are candidates for the Diploma in Veterinary Clinical Studies (or courses of study deemed to be equivalent by the Committee referred to in Resolution 6) to undertake in the Sydney Veterinary Hospital and Clinic research and training in diseases of domestic animals and their treatment.

(3) The object of the senior fellowship is to enable graduates in veterinary science who are candidates for the Degree of Master of Veterinary Clinical Studies to undertake in the Sydney Veterinary Hospital and Clinic research and training in diseases of domestic animals and their treatment.

(4) The value of the junior fellowship shall be $7000 per annum and that of the senior fellowship $14 000 per annum.

(5) (i) The junior fellowship shall normally be tenable for one year.
(ii) The senior fellowship shall normally be tenable for two years, and under exceptional circumstances, for a third year.

(6) The fellowships shall be awarded by the Academic Board, provided there are applicants of sufficient merit, on the recommendation of a committee consisting of the Dean of the Faculty of Veterinary Science, the professors in the Department of Veterinary Clinical Studies, the Professor of Veterinary Pathology, the Superintendent of the Rural Veterinary Centre and the Superintendent of the Sydney Veterinary Hospital and Clinic.

(7) In any one year in which the senior fellowship is not awarded, up to two additional junior fellowships may be awarded.
(8) Applications shall be made to the Registrar by 15 November each year.

Eric Horatio Maclean Scholarships
Established in 1980 by a bequest of $22 657.69 from the late Eric Horatio Maclean, Surveyor, of Ettalong, for the purpose of providing scholarships in the Faculty of Veterinary Science.

The scholarships shall be awarded under the following conditions:

(1) The name of the scholarships shall be the Eric Horatio Maclean Scholarships.
(2) The scholarships shall be in the form of a grant-in-aid.
(3) The object of the scholarships shall be to assist candidates for postgraduate degrees or diplomas in the Faculty of Veterinary Science for any purpose which will further the candidate's studies or knowledge and understanding of the discipline.
(4) The scholarships shall be awarded by the Faculty of Veterinary Science on the recommendation of the Dean of that faculty, acting on the advice of a subcommittee of two consisting of the head of the department concerned and the Pro-Dean or a Sub-Dean of the Faculty.
(5) The maximum value of each scholarship shall be $1000 and will be offered only once to each candidate.
(6) The scholarships shall be awarded as funds are available.

Evelyn Williams Visiting Scholarship
(1) Established in 1972 by funds from the Evelyn Williams Bequest.
(2) The name of the scholarship shall be the Evelyn Williams Visiting Scholarship.
(3) The object of the scholarship is to attract to the University of Sydney persons of outstanding achievement. Such persons would be encouraged to undertake research, lectures and seminars and such other activities judged to be of advantage to the students and staff of the Faculty of Veterinary Science.
(4) The scholarship, which will be available each year, shall be awarded by the Senate of the University, acting on the recommendation of the Faculty of Veterinary Science.
(5) The scholar will be required to undertake the above activities for a period of not less than one term in an appropriate department of the Faculty of Veterinary Science.
(6) The scholar will normally come from overseas, however, an outstanding candidate from Australia may be considered.
(7) (i) The scholarship shall consist of—
(a) a return economy airfare by the most direct route and
(b) a living allowance for a period of not more than 10 weeks.
(ii) The living allowance shall be paid—
(a) at a rate equivalent to the living-away-from-home allowance paid by the University of Sydney to professors, while in capital cities in Australia;
(b) in two instalments, the first upon commencement of his activities in the Faculty and the second, five weeks after that date.
(8) The scholarship may be held concurrently with another award or whilst the holder is in receipt of other remuneration.

James Ramage Wright Research Scholarship
Established in 1942 by a gift of £5000 from Mr and Mrs George Wright to found a Research Fellowship in memory of their son and to promote investigation into and advanced knowledge of the problems of animal production. James Ramage Wright, who was a pastoralist, died in 1942, on active service in Syria. The scholarship is awarded under the following conditions:

(1) The name of the scholarship shall be the James Ramage Wright Research Scholarship.
(2) The scholarship may only be awarded to an applicant who is eligible for admission to candidature for a higher degree by research in the Faculty of Veterinary Science in the University of Sydney and who enrols accordingly.
(3) The scholarship shall be awarded on the basis of academic merit and appropriateness of the proposed programme of research.
(4) The scholarship shall be awarded by the Academic Board on the advice of a committee consisting of the Chairman of the Academic Board, the Dean of the Faculty of Veterinary Science, and the heads of the departments in the Faculty.
(5) The scholarship shall be tenable for one year in the first instance but, subject to satisfactory progress, may be renewed for a second year and in the case of a PhD candidate a third, and, in exceptional circumstances, a fourth year.
(6) (a) The scholarship shall have an annual value of $6150 and shall provide allowances equivalent to those provided by the Commonwealth Postgraduate Award Scheme.
(b) The scholarship shall provide an annual maintenance allowance of $500.

(3) TRAVELLING SCHOLARSHIPS AWARDED BY THE UNIVERSITY

The following resolutions in regard to the award of travelling scholarships were adopted in 1982 by the Senate:

(1) That all candidates for travelling scholarships shall be graduates or graduands of the University of Sydney who are of not more than four years' standing from qualifying for the first degree appropriate to the proposed course of study overseas.
(2) That all candidates shall be citizens or permanent residents of Australia.
(3) That candidates who have previously held awards designed to promote study overseas and which offer similar benefits to travelling scholarships shall be ineligible for consideration unless exceptional circumstances apply.
(4) That the scholarships shall normally be awarded to enable scholars to undertake studies or research in some place or places overseas approved by the Academic Board.
(5) That the scholarships shall not normally be held for longer than one year unless the holder is enrolled for a higher degree. A scholarship shall not be renewed for a third year unless the holder is a candidate for the degree of Doctor of Philos-

ophy and renewal shall be subject to satisfactory progress.

In November 1982 the Academic Board adopted a resolution whereby Calendar entries for travelling scholarships highlight only those conditions of named travelling scholarships that are at variance with the conditions of University of Sydney Postgraduate Research Travelling Scholarships.

Conditions for University of Sydney Postgraduate Research Travelling Scholarships have been categorised as follows:

1. Value
2. Tenure
3. Method of award
4. Field of study
5. Place of study
6. Other restrictions

Conditions of all other travelling scholarships have been itemised under the same categories, and have been separately itemised only where they are at variance with the model.

University of Sydney Postgraduate Research Travelling Scholarship

Founded in 1955 by the University.

1. *Value*: The scholarship shall have an annual stipend of $8000 and a discretionary grant-in-aid of up to $4000 to assist with fees.
2. *Tenure*: The scholarship shall be tenable for up to two years in the first instance, but in special circumstances may be renewed for a third year.
3. *Method of award*: The scholarship shall be awarded by the Academic Board on the recommendation of a committee appointed by the Academic Board.
4. *Field of study*: Holders of the scholarship may undertake studies or research in any field of study subject to the approval of the Academic Board.
5. *Place of study*: Holders of the scholarship will be required to undertake studies or research overseas in such place or places as approved by the Academic Board.
6. *Other restrictions*: The scholarship shall normally be awarded to a graduate or graduand of the University of Sydney who is of not more than four years' standing from qualification for the first degree appropriate to the proposed course of study overseas.

Albert Travelling Scholarship in Music

Established in 1970 by the offer of a gift of $1250 a year for twenty years from Alexis Albert of Sydney, for the establishment of a travelling scholarship in music.

The conditions of award are under review.

Baillieu Research Scholarship

The scholarship is awarded as a travel grant. For conditions of award see under *Postgraduate scholarships and prizes, various faculties*.

Barker Graduate Scholarship

Founded in 1907 from accumulations from the Barker Scholarship Foundation.

Field of study: Holders of the scholarship may undertake studies in Pure and Applied Mathematics.

Other restrictions: The scholarship shall be open to graduates of Arts, Science or Engineering of not more than four years' standing from qualification for the first degree appropriate to the proposed course of study overseas.

Harriett Beard Scholarship

Founded by a bequest from Mrs Harriett Beard of Narellan, N.S.W., who died in 1906.

Field of study: Holders of the scholarship may undertake studies or research in Physical Sciences, Engineering, Veterinary Science or Dentistry.

Cooper Graduate Scholarship

Founded in 1907 from accumulations from the Cooper Scholarship Foundation.

Field of study: Holders of the scholarship may undertake studies or research in the field of Classics.

Other restrictions: The scholarship is open to graduates holding the degree of Bachelor of Arts who are of not more than four years' standing from qualification for the first degree appropriate to the proposed course of study overseas.

Charles Herbert Currey Memorial Scholarships

Established in 1973 by a bequest of $50 000 from Mrs Linda Currey of Strathfield, N.S.W., to establish a travelling scholarship or scholarships in the Faculties of Arts and Law in memory of her husband, Charles Herbert Currey, MA LLD.

Method of award: The scholarship shall be awarded by the Academic Board, on the recommendation of a committee consisting of Chairman of the Board, the Deans of the Faculties of Arts and Law, and one additional member of teaching staff nominated by each dean.

Other restrictions: The scholarship is open to graduates of the Faculties of Arts or Law who are of not more than four years' standing from qualification for the first degree appropriate to the proposed course of study overseas.

Frazer Travelling Scholarship

Founded in 1980 by a bequest of £2000 from the Hon. John Frazer, MLC. Up to March 1919, the scholarship was awarded mainly upon the result of the third year examination in History under regulations to be found in the Calendar for 1918.

The conditions of award are under review.

Hannah Fullerton Scholarship

In 1951 Hannah Fullerton bequeathed her residuary estate to the University to be applied for the purposes and benefit of the University as the Senate may prescribe.

In 1953 the Hannah Fullerton Scholarship was established.

Field of study: Holders of the scholarship may undertake studies in any subject in which honours may be taken in the Faculty of Arts.

Hezlet Bequest Travelling Scholarship

Founded in 1956 by a bequest from the late A. E. Hezlet.

Method of award: The scholarship shall be awarded by the Faculty of Architecture on the recommendation of a committee consisting of the Professors of Architecture, Architectural Science and Town and Country Planning.

Field of study: Holders of the scholarship may undertake studies or research approved by the Faculty of Architecture.

Other restrictions: The scholarship shall normally be awarded to a graduate of not more than four years'

standing from qualification for the degree of Bachelor of Architecture.

Charles Kolling Travelling Scholarship in Mechanical Engineering
Under the terms of the gift of Mrs Eva Kolling in 1928 for promoting advanced studies in Mechanical Engineering in the P. N. Russell School of Engineering, a scholarship of the value of £600 per annum, to be known as the Charles Kolling Travelling Scholarship, is awarded to enable graduates in Engineering to do advanced or research work abroad, and to prepare themselves for such work.

Field of study: Holders of the scholarship may undertake studies or research in Mechanical Engineering.

G. H. S. and I. R. Lightoller Scholarship
The scholarship is awarded as a travel grant. For conditions of award see under *Postgraduate scholarships and prizes, various faculties.*

Rose Mandelbaum Scholarship in Music
Established in 1977 by a gift from Mrs Rachel Lipton to establish a scholarship in music in memory of her sister, Rose Mandelbaum.

Method of award: The scholarship shall be awarded by the Academic Board on receiving a report from a committee consisting of the Chairman of the Academic Board, the Dean of the Faculty of Arts and the Chairman of the Board of Studies in Music.

Field of study: Holders of the scholarship may undertake studies or research in the field of Music.

Other restrictions: The scholarship shall normally be awarded to a graduate of the University of Sydney who has completed a fourth honours year in Music and who is not more than four years' standing from qualification for the first degree appropriate to the proposed course of study overseas.

Arthur Maquarie Travelling Scholarship
Founded in 1972 by a bequest from Arthur Maquarie, of East Molesey, Surrey, England. The purpose of the bequest was to provide the means whereby practising poets or sculptors could travel to undertake study and research in the art and practice of poetry and sculpture.

Method of award: The scholarship shall be awarded by the Faculty of Arts on receiving a report from a committee of six, consisting of the Dean of the Faculty, one representative of the Departments of Fine Arts and English, plus other faculty members.

Field of study: Holders of the scholarship may undertake studies or research in the fields of poetry or sculpture.

Place of study: Holders of the scholarship will be required to undertake studies or research in Italy, or other places remarkable for their artistic achievement.

Other restrictions: The scholarship shall normally be open to honours graduates of this University who are practising poets or sculptors and of not more than four years' standing from qualification for the first degree appropriate to the proposed course of study overseas.

Gladys Marks Travelling Scholarship
Established in 1962 by a gift of £6050 from Miss Gladys H. Marks. This sum was added to an earlier donation of £350 from Miss Marks. In September 1963 Miss Marks donated a further £1000 for the scholarship, and in September 1964 a further £600 making a total capital sum of £8000. In 1973 a further $10 378 was added to the capital sum, as a result of a bequest made in Miss Marks' will.

Field of study: Holders of the scholarship may undertake studies or research for a degree in a university in France.

Other restrictions: The scholarship shall normally be awarded to graduates of the Faculty of Arts with first class honours and who are of not more than four years' standing from qualifying for the award of the first degree appropriate to the course of studies overseas.

Denison Miller Postgraduate Memorial Scholarship
The scholarship, which is to promote the graduate study of Economics, was founded in 1924 by a gift of about $1500 from the executive committee of the Denison Miller Memorial Fund established in memory of the late Sir Denison Miller, the first Governor of the Commonwealth Bank of Australia.

The conditions of the award are under review.

Sydney Moss Scholarship
The conditions of award are under review.

J. B. Watt Travelling Scholarship
In the year 1876 the Hon. John Brown Watt donated £1000 and in 1888 and 1889 two further sums of £1000 each for the endowment of exhibitions.

Under the University (J. B. Watt Travelling Scholarships) Act, 1937, the University has been empowered to apply the income derived from the fund, made up of these donations and accumulations, for the establishment of one or more travelling scholarships.

Other restrictions: The scholarship shall normally be open to a graduate with first class honours in any faculty of the University of Sydney who is of not more than four years' standing from qualification for the first degree appropriate to the proposed course of study overseas.

Wentworth Travelling Fellowship
In 1862 the sum of £445 was given by W. C. Wentworth to be invested and allowed to accumulate until it should reach an amount which, in the opinion of the Senate, would be sufficient for the foundation of a travelling scholarship. The first award was made in 1923.

The conditions of award are under review.

Woolley Scholarship
Edwin Dalton of Sydney, by his will in 1875, bequeathed his residuary estate, subject to a life interest on the part of his widow, and an annuity of £75, to the University to found 'a Scholarship or Scholarships in commemoration of the late Dr Woolley, its first Principal and Professor', desiring that the scholarship or scholarships to be founded should 'have reference to that branch of teaching or philosophy, which the late Dr Woolley chiefly inculcated'. By the death of his widow in 1893 the University became entitled to the residuary estate, amounting to about £8000, subject to the annuity of £75.

Field of study: Holders of the scholarship may undertake studies or research in Language, Literature, History and Philosophy.

Other restrictions: The scholarship shall normally be awarded to a graduate in the Faculty of Arts who is of

not more than four years' standing from qualification for the first degree appropriate to the proposed course of study overseas.

(4) POSTGRADUATE SCHOLARSHIPS AND PRIZES AWARDED BY EXTERNAL BODIES

Australian Medallion
A bronze medallion and travelling scholarship of the value of $600 is offered biennially by the State Board of Architects to a graduate in Architecture nominated by the Faculty. A graduate will be eligible for consideration at two successive awards by the School of Architecture, the first being in or immediately following the year of graduation. The award is made by the State Board of Architects.

Caltex Woman Graduate of the Year Scholarships[1]
In 1977 Caltex (Australia) established a scholarship scheme that offers annually one scholarship to each state of Australia. The scholarships may be held at any university or tertiary institution overseas for a maximum of two years. Tenure of other awards in conjunction with a Caltex Scholarship is not permitted without prior consultation with the Secretary of the Select Committee in Sydney.

Candidates for the scholarship must be:

(1) females who are Australian citizens or who have resided continuously in Australia for seven years.

(2) enrolled at an Australian university or tertiary institution and be completing a degree or diploma course in the year in which the application is lodged.

Selection of scholarship winners is based on several factors: scholastic and literary achievements, demonstrable qualities of character and accomplishments in cultural and/or sporting/recreational activities.

Commonwealth Scholarship and Fellowship Plan
Under the Commonwealth Scholarship and Fellowship Plan various British Commonwealth countries provide scholarships open to students from other parts of the Commonwealth. Countries which have from time to time invited applications from Australian graduates for these scholarships are Britain, Canada, New Zealand, India, Pakistan, Sri Lanka, Malaysia, Hong Kong, Nigeria, East Africa, Malta and Jamaica. They do not all invite applications every year.

The scholarships are tenable for a programme of postgraduate study or research normally extending over two academic years and leading to a university degree or similar qualification. Awards are sometimes made, however, for one academic year, or the two-year term may be extended for a third year.

Candidates must be Commonwealth citizens or British protected persons, normally resident in the country nominating them and prepared to return to that country at the end of the scholarship period.

Candidates should be under the age of 35 years and graduates of a university or college or holders of an equivalent qualification by the time of taking up the award. Preference is given to candidates who are between 22 and 28 years of age.

The value of the scholarships varies from one country to another, but usually provides return fares, tuition fees, a grant for books and equipment, approved medical expenses and personal maintenance allowance. In addition, in some countries a marriage allowance may be provided if the scholar is accompanied by his wife and the wife is not in employment or in receipt of a scholarship herself.

Details of the awards offered by each country and information concerning the procedure for applying are available from the Registrar. Enquiries should be made well in advance, as applications frequently close some ten or twelve months before the beginning of the academic year in which the awards are tenable.

Gowrie Postgraduate Research Scholarships
Two Gowrie Postgraduate Research Travelling Scholarships are awarded annually to graduates of Australian universities by the trustees of the Gowrie Scholarship Trust Fund. They are tenable for two years at universities either in Australia or overseas and have a value of $3500 per annum. An increase in value may be approved for tenure overseas. Scholarships are available only to members of the forces who have served on active service in a combat area during the 1939–1945 war, or their descendants.

Applications should be lodged with the Registrar before 31 October each year.

Harkness Fellowships
Four fellowships for 12 to 21 months' study and travel in the United States are offered annually to candidates from Australia by the Commonwealth Fund of New York.

The fellowships are open to men and women in any profession or field of study who at the time of taking up the award (a) are not more than 36 years of age; (b) have a degree or an equivalent qualification conferred by a professional body or an outstanding record of achievement in the creative arts, journalism or other comparable careers and (c) have not lived in the United States for more than six consecutive months between their 19th birthday and the date of taking up the award.

Candidates must be either:

(1) members of the Australian or a state public service, or a semi-government authority;

(2) staff or postgraduate students at an Australian university;

(3) individuals recommended for nomination by the Local Correspondents.

The fellowships cover the expenses of travel, residence and study in the United States. Fellows need not study for an American degree but they must propose a specific programme of study, research or other professional activity and normally be affiliated with an academic, research, government or other similar institution. Fellows are required to spend three months travelling within the United States.

Applications from staff and postgraduate students of the University close with the Registrar in August.

Frank Knox Memorial Fellowships
Two fellowships are offered annually by Harvard University to candidates now enrolled as students who (a) are British subjects and Australian citizens; and (b) have recently graduated, or are about to graduate, from a university in Australia.

No application will be considered from a student already in the United States, or from a student who already holds a doctorate. The fellows will be required to devote the major part of their time to study in one of the schools of Harvard University.

The fellowships provide for tuition fees in addition to the stipend.

[1] Conditions under review.

Candidates are selected on the basis of future promise of leadership. Strength of character, keen mind, a balanced judgment and devotion to the democratic ideal will be the qualities borne in mind in making the final selection. The Frank Knox Fellowships were established in the conviction that cooperation between the British Commonwealth and the United States of America based on an informed and understanding contact of the peoples of these two great countries is an essential to international peace.

Applications from graduates of the University close with the Registrar in October.

Linnean Macleay Fellowships

Founded in 1904 by a bequest of £35 000 from the Hon. Sir William Macleay to the Linnean Society of New South Wales.

The will provided for the foundation of four fellowships, each of the value of £400 per annum. They were awarded by the Council of the Linnean Society of New South Wales to graduates in Science of the University.

The fellowships were intended to encourage and advance research in Natural Science, by enabling those who wish to do so, to continue their studies at the University, or elsewhere, after having completed the regular curriculum and taken a Science degree.

In 1949 and 1959 the Council of the Linnean Society of New South Wales obtained a variation of the will of Sir William Macleay and the conditions under which the Linnean Macleay Fellowships may now be awarded are as follows:

An applicant shall be a member of the Linnean Society of New South Wales.

Candidates shall be resident in New South Wales and be graduates in Science or in Agricultural Science of the University of Sydney.

The number of fellowships to be awarded in any year shall be such number as the Council of the Society shall determine, not exceeding four.

The salary of each Fellow shall be such amount not being less than $800 nor more than $3200 per annum as the Council of the Society shall decide, provided that the total amount of the salaries and allowances of all fellowships awarded in any one year shall not exceed $3200.

The appointments to fellowships shall be made from year to year provided no Fellow shall hold a fellowship for a total period exceeding five years.

Rhodes Scholarship

One Rhodes Scholarship is awarded in each state of the Commonwealth annually. The scholarship is valued at about £3000 a year plus approved tuition fees and is tenable in the first instance for a period of two years, but may under some circumstances be extended for a third year. Applications are normally invited in Trinity Term of the year preceding that for which the scholarship is awarded.

To be eligible candidates must:

(1) be of an age that they will have passed their nineteenth and not passed their twenty-fifth birthday by 1 October, in the year of application.

(2) be Australian citizens (or qualified to become Australian citizens), ordinarily resident in Australia for at least five years by October in the year preceding application.

(3) have achieved academic training in a degree-awarding body in Australia sufficiently advanced to assure completion of a bachelor's degree (preferably an honours degree or the equivalent) by October in the year of application. Normally this would involve completion of a degree before the end of the preceding year.

(4) be unmarried; a Rhodes Scholarship is forfeited by marriage after election or during a Scholar's first year of residence in Oxford.

(Permission to marry without deprivation of the Scholarship may be given by the Rhodes Trustees during a Scholar's second or third year.)

(5) candidates may compete either in the State in which they have their ordinary residence, or in that in which they have received any considerable part of their education.

Subject in all cases to review and confirmation by the Rhodes Trustees, appointments are made by local Committees of Selection appointed by the trustees.

Rutherford Scholarship

One scholarship is offered annually by the Royal Society to graduates of any university within the British Commonwealth who are under 26 years of age, or if holding the degree of PhD under 28 years of age, on 1 May of the year of award. It is awarded for experimental research in any branch of the natural sciences, but if there are candidates of similar merit preference will be given to experimental physics.

The scholarship is tenable for three years in some part of the British Commonwealth other than that in which the applicant graduated. It will not normally be awarded to a graduate who has already held a senior research award.

The value of the scholarship will be adjusted to meet the circumstances of the appointment but if held in the United Kingdom it will be £3350 per annum on appointment. Additional allowances will be granted for travel, university fees etc.

Appointment to the scholarship is made by the President and Council of the Royal Society, but applications from university graduates outside the United Kingdom are made through their universities to the Royal Commission for the Exhibition of 1851.

Applications from graduates of the University close with the Registrar in November each year, at the same time as applications for the Science Research Scholarships of the Royal Commission for the Exhibition of 1851.

Science Research Scholarships of the Royal Commission for the Exhibition of 1851

Scholarships are offered annually to graduates of Australian universities under the following conditions:

(1) The scholarships are postgraduate, and are intended to enable selected students of overseas universities (or other overseas institutions of university status) who have given evidence of capacity for research to devote themselves for two or three years to full-time research in pure or applied science, or engineering.

(2) Ten scholarships will be offered each year.

(3) The scholarships are of the value of £3300 a year. Additional allowances may be made in accordance with the terms of paragraphs (20) and (21).

(4) The scholarships are open to students in any of the physical and biological sciences, or in any branch of engineering.

(5) The scholarships will be tenable for two years, but they may in certain cases be extended for a third or part of a third year. (See paragraph (18)).

(6) The scholarships are open to citizens of either (a) any country in the British Commonwealth or (b) of the Republics of Ireland, Pakistan and South Africa.

(7) The Commissioners will annually invite the governing bodies of universities, or other institutions of university status, in the countries referred to in paragraph (6) (excluding those in the United Kingdom) to recommend one or more candidates for the scholarships. If an institution recommends more than one candidate in any one year the names should be ranked in order of merit, although the Commissioners may vary this order at their discretion.

(8) In India, Pakistan and Bangladesh the recommendations will first be examined by committees set up for the purpose in those countries and a selection of not more than six from each country will be forwarded to the Commissioners, who will make the final selection.

(9) No fixed number of scholarships will be allocated to any individual country, but in making the awards the Commissioners will have regard to the need for ensuring their equitable distribution.

(10) Recommendations made on the prescribed forms must be received at the office of the Commissioners on or before 21 March. The appointments are ordinarily made by about mid-May.

(11) A candidate whose age is twenty-six or more on 1 May of the year in which his application is received will be accepted only in exceptional circumstances.

(12) A candidate must have been a student in a university or university institution for a period of not less than three years, and must have spent one full academic year ending not more than twelve months before the date of recommendation at the institution by which he is recommended.

(13) The record of a candidate's work must indicate high promise of capacity for advancing science or its applications, or engineering, by original research. Evidence of this capacity, which is the main qualification for the scholarship, is essential and should take the form of a full account by the candidate of the research work he has done. This may be either in the form of publications or of a thesis or of manuscript reports.

(14) A scholar will be required to devote himself to research in some branch of pure or applied science, or engineering, the particular nature of the work proposed to be approved by the Commissioners.

(15) A scholar will ordinarily be expected to hold his award at an institution approved by the Commissioners in the United Kingdom. Only in exceptional circumstances will the Commissioners permit the tenure of a scholarship outside the United Kingdom.

(16) A scholar will be required to devote his whole time to the objects of the scholarship.

(17) A scholar will not be debarred from holding another position of emolument, but if at the date of his application he holds, or at a later date is appointed to, such a position, he must notify the Commissioners, who may at their discretion modify the value of his scholarship.

(18) A scholar will be required to furnish a report of his work at the end of each year's tenure of the scholarship. The continuation of the scholarship for a second year will depend upon the satisfactory nature of the scholar's first year's work. Renewal for a third year will be granted only where it appears that such renewal is necessary for the satisfactory completion of the scholar's scientific training.

(19) At the expiration of his scholarship, a scholar will be required to furnish a complete account of his work.

(20) A scholar may make application to the Commissioners for an annual allowance to meet essential university or college fees.

(21) A scholar for whom it is not possible to obtain a free passage, may make application for a grant to meet the cost of travel from his home to his place of study.

(22) The scholarship stipend will be payable quarterly in advance.

Applications from graduates of the University close with the Registrar in November each year.

Shell Postgraduate Scholarships

Science and Engineering

The Shell Company of Australia Limited, on behalf of the Shell Group of Companies in Australia, offers one scholarship tenable in the United Kingdom for postgraduate work in Science or Engineering.

The scholarship is designed to enable the holder, being a graduate, to undertake two years' postgraduate work at the University of Cambridge, London or Oxford, or at such other university in the United Kingdom as may be indicated by the specialised nature of the studies which the scholar intends to follow, and which would be expected to lead to the degree of MSc or PhD.

The scholarship is open to candidates who, being British subjects, have been domiciled in Australia for the last five years and have taken with honours a first degree in Science or Engineering at an Australian university, and preferably have had at least one year's experience in research. Candidates should normally be under 25 years of age at the date of application, and not under bond or committed in any way to an employer unless a letter permitting release is provided.

Arts

The Shell Company of Australia Limited, on behalf of the Shell Group of Companies in Australia, offers one scholarship, tenable at Oxford or Cambridge University, United Kingdom, for two years for a course or reading which will lead to a Bachelor's degree with honours.

Candidates must have successfully completed a full-time course for the degree of Bachelor of Arts, Commerce, Economics or Law at an Australian university in the year preceding that in which they would take up the scholarship. In addition, candidates must be British subjects with at least five years' domicile in Australia, under the age of 25 years, not currently holding another scholarship for overseas study, and not under bond or committed in any way to an employer on graduation unless a letter permitting release is provided.

The scholarships provide adequate funds to meet living costs, university tuition and materials and other university charges. An economy class air fare to the United Kingdom and a similar fare for the return passage to Australia, if effected within twelve months of completion of the scholarship tenure, will also be paid by the Shell Company of Australia Limited.

Prize compositions

Entries for the following prize compositions must be lodged with the Registrar on or before the last day of Trinity term.

The authorship of entries submitted for the various prize compositions must be anonymous. For this purpose the following instructions must be complied with by the authors of the entries submitted.

(1) The composition must not be in the handwriting of the author.

(2) The name of the author must not appear on the composition or in or upon the envelope which contains the composition.

(3) Each composition must be identified by being inscribed with a nom-de-plume and the name of the prize for which it is entered.

(4) Each composition must be accompanied by a sealed envelope inscribed with the author's nom-de-plume and with the name of the prize for which the composition is entered.

(5) The sealed envelope must contain a statement of the author's name, address, faculty and year, his nom-de-plume, the title of the composition and the prize for which it is entered.

An entry will not be accepted from any author who fails to observe these instructions or who otherwise fails to preserve anonymity.

Topics

The topics for the following prize compositions may be obtained from the Registrar's Office:

Backhouse Prize

Established in 1939 by a bequest of £100 from the late Judge Backhouse.

The prize is awarded annually to an undergraduate in the second, third, or fourth year in the Faculty of Arts for an English essay on a prescribed topic connected with the study of Greek and Latin. The essay should not exceed 5000 words and should show the main sources from which the material was derived. The prize is not awarded more than twice to the same candidate. The prize consists of books to the value of $110, which are to be chosen by the winner and approved by the professors of Greek and Latin.

Beauchamp Prizes

Founded in 1901 by a gift of £625 from his Excellency the Right Honourable William Lygon, Earl Beauchamp, KCMG, Governor of New South Wales. They are awarded for the best essays on (i) some literary subject, and (ii) some historical subject, and are of the value of $750 each. Topics are set each year for the essays. The competition is open to all undergraduates and graduates of not more than twenty-five terms' standing from matriculation.

Robert A. Dallen Prize[1]—$350. Awarded annually for an essay treating the influence of the Bible on later culture and literature. The competition for the prize is limited to third and fourth year students in arts or graduates in arts of not more than two years' standing.

Ignaz Friedman Memorial Prize—Founded in 1953 as a memorial to the late Ignaz Friedman, distinguished Polish pianist.

Awarded annually to an undergraduate of the University for a musical composition of 10–15 minutes' duration for a small group of instruments and/or voice at the discretion of the composer, provided always that a work of sufficient merit is submitted. Value, $50.

Henry Lawson Memorial Prizes

Established in 1936 by a gift of £845 from subscribers to the memorial of Henry Lawson, Australian poet and prose-writer, to provide for a 'Henry Lawson Prize for Poetry' and a 'Henry Lawson Prize for Prose', for which competition shall take place annually amongst students of the University under conditions prescribed by the University.

1. *Henry Lawson Prize for Poetry*

Awarded annually for English verse. The composition need not be of great length, though sustained quality will receive due credit. The competition is open to undergraduates who have no graduate status in another Faculty. Value, $400.

2. *Henry Lawson Prize for Prose*

Awarded annually for an original composition on an Australian theme. The composition need not be of great length, though sustained quality will receive due credit. The competition is open to undergraduates who have no graduate status in another Faculty. Value, $400.

Frederick Lloyd Memorial Prize

Founded in 1906 by a gift of £110 from the subscribers to a memorial of the late Frederick Lloyd, BA, assistant lecturer in classics for twelve years in the University. The prize is awarded annually for a Latin essay on a specified subject, and is open to competition to students entering the third or fourth year in the Faculty of Arts. Value, $300.

Moran Prize—Established in 1945 by a gift of £250 from Dr H. M. Moran, for an annual essay prize. The topic shall be of the candidate's own choice, within the field of the history of science and medicine in Australia.

The prize is available for award in even years. Value, $400.

Venour V. Nathan Prize[1]

Founded in 1922 by a gift of £500 from Venour V. Nathan to establish an annual prize of £25 for Australian History, to continue a prize previously awarded annually by Mr Nathan.

The prize is awarded for the best essay on some part of Australian history. The essay must be based on a

[1] *Conditions under review.*

critical examination of the original sources of information. The competition is open to undergraduates and graduates of not more than 25 terms' standing from matriculation.

By 1953 the fund had accumulated sufficiently to allow the value of the prize to be increased to $84 per annum.

Nicholson Medal—$200. For conditions of award see under *Latin* in Undergraduate Scholarships and Prizes.

Earle Page Constitutional Prize
Founded in 1936 by a gift of £100 from the Right Honourable Earle Page, MB ChM, MHR, then Minister for Commerce, to stimulate the interest of Sydney University men in national policy by the establishment of a prize for an essay on constitutional problems generally.

(1) The prize is known as 'The Earle Page Constitutional Prize'.
(2) The prize is available for award every year.
(3) The value of the prize is $110.
(4) The prize is open to undergraduates and graduates of not more than eighteen terms' standing.
(5) The prize is awarded for an essay upon an approved subject of constitutional, political, or administrative interest. Prospective entrants are required to apply through the Registrar for approval of their proposed topic. The Registrar will consult with the heads of relevant departments in such a way as to preserve the anonymity of prospective entrants.

Adrian Consett Stephen Memorial Prize— Established in 1944 by a bequest of £100 from the late Emilie A. C. Stephen.

Awarded annually on the recommendation of the Professors of English to an undergraduate for a short story or play, the subject of which is not prescribed. Value, $85.

University Prize for English Verse
A medal is given by the University for the best composition in English verse. The competition for this medal is open to matriculated members of the University—whether undergraduate or graduate—who are not of more than six years' standing from matriculation.

Wentworth Medals[1]
Founded in 1854 by a gift of £200 from W. C. Wentworth, the interest to be applied for an annual prize for the best English Essay.

In 1889 the fund had accumulated sufficiently to provide for two prizes of the value of £10 each, and a prize was given for competition amongst undergraduates, and a second prize for competition amongst Bachelors or Arts of not more than three years' standing.

By 1953 the fund had accumulated sufficiently to provide for three prizes of $80 each, two being given for competition amongst Bachelors of Arts of not more than ten years' standing and the third for competition amongst undergraduates.

Wentworth Medals for Graduates
Two prizes awarded annually for English essays, one in the field of English Literature and the other in the field of English Language. Competition is restricted to Bachelor of Arts of not more than ten years' standing. Value $80 each, now awarded as a cash prize.

Wentworth Medal for Undergraduates—Awarded annually for an English essay. Value, $80, now awarded as a cash prize.

[1] Conditions under review.

General information

Admission and enrolment	**497**
Sources of financial assistance to students	**501**
Services and facilities	**504**
Library	**510**
Museums	**512**
Colleges	**513**
Halls of residence	**523**
Organisations	**525**
Department of Adult Education	**530**

Admission and enrolment

1. UNDERGRADUATE ADMISSION

To be eligible to enter a first degree course in 1984 it is necessary:

(a) to have qualified for matriculation in the University (see below), and

(b) to have been selected for enrolment in a course.

In some faculties students are assumed to have reached a certain level of knowledge in subjects taught in first year or to have satisfied certain subject prerequisites. Details of these requirements are set out in the Resolutions of the Senate following Chapter XX of the by-laws.

Ordinary matriculation requirements

The University's present ordinary matriculation requirements are set out in sections 1-3 of Chapter XX of the by-laws. These requirements must be achieved at either the N.S.W. HSC examination or the University of Sydney Matriculation examination.[1] A person who qualified to matriculate to the University in accordance with earlier requirements does not have to meet the present requirements.

The HSC examination is conducted by the N.S.W. Department of Education and is usually held in November.

Other qualifications for matriculation

In addition to the ordinary requirements, the University has several provisions under which other qualifications may, in certain circumstances, be accepted for matriculation. These are set out below.

Royal Military College, Royal Australian Naval College, diplomas from Agricultural or Technical Colleges, Bachelor in Theology, Licentiate in Theology, degrees or diplomas recognised by the Australian Council on Awards in Advanced Education

Applicants should refer to Senate Resolutions 1-6 following Chapter XX of the by-laws.

Provisional matriculation

The Academic Board may grant provisional matriculation status to a person who is not less than 25 years of age on 1 March in the year of proposed enrolment or to a person of any age who is, in the opinion of the Academic Board, educationally disadvantaged, as set out in Section 6 of Chapter XX of the by-laws. Information is available from the Registrar from March for entry in the following year.

War service matriculation

Persons who have a record of war service may be eligible to apply for War Service Matriculation status. Applicants should submit to the Registrar official evidence of the dates and areas of their service and details of their educational qualifications.

Interstate and overseas qualifications

Under section 8 of Chapter XX of the by-laws, applicants holding qualifications from interstate and overseas may, in certain circumstances, be admitted to matriculation by the Admissions Committee.

Qualifications from other universities

A person who has been admitted to another university on the basis of qualifications not acceptable for matriculation to the University of Sydney and who has subsequently completed courses in that university may, in certain circumstances, be admitted to matriculation in the University of Sydney. Applicants should refer to section 8 of Chapter XX of the by-laws.

Residence restrictions

Admission to the University is restricted generally to permanent residents of Australia. Applicants who are not permanent residents but who have an Australian secondary qualification or an approved sponsorship will be considered for admission in the overseas quota. There is no provision for the admission on the basis of overseas qualifications of private students not permanently resident in Australia.

Selection for enrolment

First year

Entry to all faculties and courses in the University is limited. Each year the University determines the number of places which will be available for first year students and these places are filled on merit. In recent years it has not been possible to offer places to all applicants. Details of the quota places provided last year are given under the heading 'Additional Resolutions of the Senate' in the Statutes section of the *Calendar*. Complete details of the University's selection procedures are contained in the *Students' Information Guide* published in August each year by the Universities and Colleges Admissions Centre. The following is a summary only.

In general, persons who qualified for matriculation at the N.S.W. HSC examination, Leaving Certificate examination or University of Sydney Matriculation examination and have not attended a university or other tertiary institution, will be considered for enrolment in 1984 on the basis of the aggregate of their ten best units in five (or in some cases, four) matriculation subjects in order of merit.

Applicants who have attended a university or other tertiary institution will be considered for selection on the basis of the academic merit they have achieved throughout their entire academic career, including both secondary and tertiary studies.

For all courses, applicants whose tertiary records are sufficiently meritorious, when compared with other eligible applicants, may be admitted even if the selection aggregate they achieved in their secondary level examination is below the minimum required.

For the following courses, however, applicants whose selection aggregates may be above the minimum required for entry in a particular year might still

[1] The University of Sydney matriculation examination has been suspended for the time being.

not be admitted if their tertiary record is not sufficiently meritorious, when compared with those of other eligible applicants, having regard to the number of applicants, their relative merit and the number of places available:

Agriculture	Science/Law
Architecture	Economics/Law
Dentistry	Medicine
Education	Music
Engineering	Social Studies
Law	Arts/Social Studies
Arts/Law	Veterinary Science

For example, the very strong competition in recent years from applicants with tertiary records for entry to such courses as Dentistry, Medicine and Veterinary Science has meant that applicants in this category needed to have a good secondary record, and to have gained a *minimum* result of credit or better in at least half the courses completed in their tertiary studies, to have had a reasonable chance of being offered enrolment. Similarly, the competition for entry to the Law courses has, in recent years, meant that applicants needed to show a level of academic merit indicated by no failures in their tertiary studies and to have reached at least a credit average in those studies, before they had a reasonable chance of being offered enrolment.

In courses where competition for entry from applicants with a tertiary record is not so great, applicants need to show evidence in their past studies of the likelihood of their succeeding in the course concerned.

It is emphasised that the above examples are given for guidance only and are drawn from the experience of recent years. It is not possible to indicate in advance the precise level of academic merit required for selection in any particular year as this involves academic judgements made each year based on the complete secondary and tertiary record of all eligible applicants for entry to each course.

The previous academic record of *students who have been excluded from a faculty or course at any university or other tertiary institution* will be taken into account in considering an application from these students for enrolment in a new faculty or course. Students who have been excluded or are liable for exclusion from studies in any university or other tertiary institution may give a detailed statement on the application form of the reasons why they consider they should be admitted, and enclose appropriate evidence. A statement based on medical grounds must be supported by a medical certificate.

Applicants seeking admission in 1984 who hold a degree will be selected for entry to some faculties and courses on this qualification alone; *graduates* seeking entry to the Faculties of Agriculture, Architecture, Dentistry, Economics, Engineering, Law (including Arts/Law, Economics/Law and Science/Law), Medicine and Veterinary Science and to the Bachelor of Education, Music, Pharmacy and Social Studies (including Arts/Social Studies) courses will not automatically be given a place in the first year quota of the relevant faculty or course but will be considered on the basis of their whole academic record. It should be noted that as the entire secondary and tertiary record is taken into account, a high selection aggregate will not necessarily ensure selection of a graduate.

Second and later years

Each faculty or board of studies may admit students with status to enrol in a second or later year for a degree, dependent upon the facilities which are available in the particular faculty or course and subject to the general provisions governing admission to the University.

Applications for enrolment

Applications for enrolment in first degree courses at the University of Sydney are made through the Universities and Colleges Admissions Centre, a joint office for processing applications for admission to courses at the three universities in the Sydney metropolitan area and some metropolitan and country colleges of advanced education in N.S.W.

Persons seeking entry to first degree courses and persons seeking to transfer to a new course in one or more of the participating institutions lodge with the Centre a single application form on which they indicate preferences for courses available at any or all of the participating institutions.

Application forms are available from the Registrar or from:

Universities and Colleges Admissions Centre,
Challis House, 10 Martin Place, Sydney 2000.
Postal address: Box 7049, G.P.O., Sydney 2001.

Applications for admission in 1984 must reach the Centre not later than 1 October 1983.

Late applications

Persons wishing to apply after the closing date should contact the Admissions Centre for details of the final closing date and the late fee payable.

Separate written application for War Service Matriculation status by persons applying for admission to the University should be lodged with the Registrar by 1 October 1984.

Special admission

Persons of mature age (25 years or over as at 1 March 1985) or those who are able to claim that their educational progress has been disadvantaged by any circumstances and who are able to demonstrate educational ability may apply for admission under the University's Special Admission scheme. Details are available from the Registrar.

2. POSTGRADUATE ADMISSION

All applicants must lodge an application for admission to candidature with the Registrar, together with official evidence of their complete academic record (photostat copies will not be accepted unless they are perfectly clear and are officially signed and certified). Each application is then considered by the head of the department in which the applicant wishes to study and a recommendation is made on the candidate's acceptability for the course. The application is subsequently considered by the appropriate faculty or board of studies and if it is approved the student will be notified of his admission, informed of the terms of his candidature and of whether he must sit for a preliminary examination. It should be noted, however, that a student may be permitted to enrol in a course of study after his application has been considered by the appropriate head of department and before formal admission to candidature is granted. Such enrolment is provisional only and is subject to confirmation.

Overseas applicants from countries other than New Zealand should write, as a first step, to the Australian Diplomatic representative in their capital cities. The Australian representative will provide for completion and return to him of an Educational Record form and arrange where necessary a test of proficiency in English. The student should then apply to the Registrar for admission, providing:

(1) the Educational Record form duly endorsed by the Australian Representative,

(2) an official certified transcript of academic record and
(3) a precise indication of the course or field in which the study is proposed.

ENROLMENT

Every student is required to enrol each year by lodging at the Enrolment Centre the appropriate enrolment form showing the courses proposed to be taken during the year and any other information that may be required. He must also pay the appropriate compulsory subscriptions at the time of enrolment and any fees that may be payable (see below).

All undergraduate students and postgraduate diploma candidates who were enrolled in the University in 1983 and who wish to proceed in the same faculty or course in 1984 and who are eligible to do so (including students who are eligible to repeat first year in the same faculty), must complete their re-enrolment within the period prescribed for the particular faculty or course. The first re-enrolling period commences in February 1984.

Students who are taking supplementary examinations in February 1984, and who then become eligible to re-enrol in the same faculty or course must complete re-enrolment in late February 1984.

New first year students who are notified of their selection for enrolment at the University will be required to accept the offer of a place and complete their enrolment in early February 1984.

Higher degree and postgraduate diploma candidates who were enrolled in 1983 and who wish to proceed with their candidature in 1984 must complete their re-enrolment before the date specified for the particular degree or diploma course.

New higher degree and postgraduate diploma candidates must apply for admission to candidature in time for their enrolment to be completed by mid-February 1984. Some degrees and diplomas have special closing dates. Details may be obtained from the Registrar.

Statement of enrolment record

All the information provided when a student enrols is added to the computerised student record system. This includes name, address, degree and courses in which enrolled. It is important that this be recorded correctly at the beginning of the year and amended should a change subsequently occur in any of the details.

To enable students to know that the information recorded is correct and to change any of it throughout the year, a *Statement of Enrolment Record* will be sent to them shortly after completion of their enrolment. It should be checked carefully as soon as it is received.

If the information is correct the form should be retained as a record of current enrolment. If it is incorrect in any detail, the form should be amended where appropriate and lodged at the Student Centre as soon as possible. A new Statement of Enrolment Record will then be sent out confirming that the change has been made.

If a student should wish to:
change the courses in which enrolled
discontinue a course
discontinue enrolment totally
at any time during the year, the Statement of Enrolment Record should be used to record the appropriate change. Faculty approval should be obtained for discontinuation, or departmental approval for any additions. The form should then be lodged at the faculty office.

A person's record as a student at the University will not be correct unless the Registrar has been informed (through the faculty office) about a change. It is not sufficient, for instance, to tell the lecturer concerned that a course has been discontinued. Should a student wish to make a change and not be able to locate the Statement of Enrolment record he or she should ask at the Student Centre for a new form.

FACULTY OFFICES

Faculty offices, the administrative centres of the faculties, are generally situated close to the Dean's office. They are headed by the Secretary to the Faculty, the member of the Registrar's staff who supervises the regulations pertaining to the faculty and who attends to non academic aspects of students' progress. He or she will give initial advice on admission, enrolment, scholarships, examinations and so on, or direct enquiries to the specialised section of the Registrar's Department responsible for these and other matters.

There are also offices of the four boards of studies, each with a secretary as for the ten faculties. The location of faculty offices, and who the faculty secretaries are in 1984, are as follows. The names of deans and chairmen are given separately in the section headed Faculties and Boards of Studies in the Officers of the University division of the Calendar (see page 19).

Faculties

Agriculture
Secretary: Margaret Sager, tel: 692 2685
Location: Room S383, mezzanine floor, Western Tower, A14

Architecture
Secretary: Robert Pollock, tel: 692 3248
Location: Room 326, level 3, Architecture Building, G04

Arts
Secretary: Christopher Edye, tel: 692 2223
Location: N404, middle floor, Western Tower, A14

Dentistry
Secretary: Hugh Wilson, tel: 692 2248
Location: Room S381, mezzanine floor, Western Tower, A14

Economics
Secretary: Anne Bryant, tel: 692 3076
Location: Room 241, level 2, Merewether Building, H04

Engineering
Secretary: Erica Ring, tel: 692 2534
Location: Room 327, level 3, P. N. Russell Building, J02

Law
Secretary: Janet Dobbin, tel: 232 5944
Location: Room 1210A, level 12, Law School, 173-5 Phillip Street, C13

Medicine
Secretary: Roderick Tindall, tel: 692 3132
Location: Room 317, Dean's office, level 3, Bosch Building, D05

Science
Secretary: Christine Samojluk, tel: 692 3021
Location: Room S385, mezzanine floor, Western Tower, A14

Veterinary Science
Secretary: Mary Pelling, tel: 692 3056
Location: Room 218, ground floor, J. D. Stewart Building, B01

Board of Studies

Divinity
Secretary: Janet Dobbin, tel: 232 5944
Location: Room 1210A, level 12, Law School, 173–5 Phillip Street, C13

Education
Secretary: Inger Urban, tel: 692 2634
Location: Room G66, Madsen Building

Music
Secretary: Katherine McGovern, tel: 692 2209
Location: Room N405, middle floor, Western Tower, A14

Social Work
Secretary: Myra Katz, tel: 692 2294
Location: Mills Building, A26

FEES

There are no tuition fees for students enrolled for their first degree.

Overseas students

The Government of the Commonwealth of Australia has introduced an overseas students' charge applicable to many overseas students. Detailed information about this should be obtained from the Department of Immigration and Ethnic Affairs, Canberra, A.C.T. 2600, or from the nearest Australian diplomatic post.

COMPULSORY SUBSCRIPTIONS

University of Sydney Union
Membership of the Union is compulsory for all students. In 1984 there is an entrance fee of $40 payable on first enrolment and an annual subscription of $98. A member who has paid five annual subscriptions is exempt from further payments.

Students' Representative Council
Subscription of $18 is payable in 1984 by all undergraduate and Diploma in Education students.

Sydney University Postgraduate Representative Association
Subscription of $20 payable by all higher degree and postgraduate diploma candidates other than Diploma in Education students.

Sports Union
Membership is compulsory for all male students except those proceeding to higher degrees. The annual subscription in 1984 is $56 but once five have been paid, no further subscriptions are required.

Women's Sports Association
Membership is compulsory for all female students except those proceeding to higher degrees. The annual subscription in 1984 is $56, but once five have been paid, no further subscriptions are required.

Scholarships, traineeships, etc.

All students who have been granted scholarships, traineeships or other benefits where the cost of compulsory subscriptions will be met by the Sponsor, are required to enrol in the normal manner, clearly indicating which award they hold. Documentary evidence of the award, in the form of scholarship vouchers or letters of authority from the sponsoring body, must be presented to the Cashier's Office at the time of enrolment.

Late charges

Late enrolment charges are payable by students who do not lodge their annual enrolment forms by the appropriate closing date as laid down in the ENROLMENT Section above.

Late charges will be levied in 1984 as follows:

(a) during the first week following the appropriate closing date: $10
(b) during the second week following the appropriate closing date: $20
(c) thereafter: $30.

Sources of financial assistance to students

Set out below are the major sources of financial assistance available to students. Students interested in obtaining further information should enquire as below or at the offices indicated.

The Registrar's Office
Room N641 (top floor)
Northern Wing
Main Quadrangle

COMMONWEALTH GOVERNMENT ASSISTANCE

Tertiary Education Assistance Scheme (TEAS)
The Commonwealth Government, through the Tertiary Education Assistance Scheme, provides means-tested financial aid to full-time students who are not bonded, are permanent residents of Australia, and are studying in an approved tertiary course.

Allowances are available at the 'dependant at home', 'dependant away from home' and 'independent' rates. Students who qualify for an allowance will also receive an incidentals allowance of $100.

A fares allowance may also be payable to students receiving the dependant away from home or independent rate to the extent of three return trips a year between the institution and the student's home.

Re-enrolling students should lodge applications as soon as their results are available. New students should lodge applications as soon as possible after they have completed enrolment. Students should ensure that applications are lodged by 31 March each year in order to receive their full year's entitlement.

Information and application forms are available from:

Director
New South Wales State Office
Commonwealth Department of Education and Youth Affairs
59 Goulburn Street
Sydney
(Telephone 218 8800)
Postal address: P.O. Box 596 Haymarket 2000.

Aboriginal Study Grants Scheme (ASGS)
The Aboriginal Study Grants Scheme is intended to assist Aboriginals who wish to further their education after leaving school.

Benefits include the payment of all compulsory course fees, book and equipment allowances, travel costs and establishment and clothing allowance.

Further information may be obtained from the Director, New South Wales State Office, Commonwealth Department of Education, P.O. Box 596, Haymarket N.S.W. 2000 (telephone 218 8511).

UNIVERSITY LOAN FUNDS

APPLICATIONS TO THE REGISTRAR

Australian Government Student Assistance Fund (AGSAF)
This fund provides assistance in the form of loans to students who are studying under conditions of hardship. Any enrolled student who is in a particularly difficult financial situation is eligible to apply.

Loans may be either short-term (emergency) or long-term. Repayment of a long-term loan varies, but is usually by graduation. In general, if interest is charged, this will not commence until after graduation.

Application forms are available from the Registrar's office, as above.

Sir Arthur George Fund
This fund was created in 1974 from the Arthur T. George Foundation to assist students or those who could not begin university studies without assistance. An amount of up to $1500 per annum as a loan is available to any one student. Awards are renewable subject to satisfactory progress. Loans are repayable on terms approved in each case but repayments generally commence two years after graduation.

The first awards were made in 1975. The closing date for applications is late-January each year, but late applications will be considered if funds are available. Application forms may be obtained from the Registrar's office, as above.

Australian Computer Society Fund
Established in 1980 by a donation of $1000 by the Australian Computer Society, to assist needy students in pursuit of their studies in computing science.

Up to $250 will be available to any one student as a loan, which will be interest free if repayment is made within one year of graduation or discontinuation.

Application forms are available from the Registrar's Office as above.

Australian Women's Veterinary Auxiliary Loan Fund
This fund provides interest-free loans to fourth and fifth year students in the Faculty of Veterinary Science who are in financial difficulty. The loans rarely exceed $100 and repayment periods are short.

Application forms are available from the Registrar's office as above.

A. P. Elkin Fund for the Assistance of Aboriginal Education
Established in 1980 in memory of Emeritus Professor A. P. Elkin, Professor of Anthropology from 1934 to 1956 from a donation of £500 received in 1956 from the Christian Spiritualist Church of Marrickville for the advancement of the education of persons of Aboriginal descent.

The fund provides assistance in the form of grants for special purposes.

Application forms from the Registrar's Office as above.

University of Sydney Staff and Students Assistance Fund
Both undergraduate and postgraduate students are eligible to apply for loans of up to $1000 from this fund. Interest is usually charged only on loans outstanding after graduation. The terms and conditions of repayment vary but repayment of a loan, except a short-term one, need not be made until after graduation.

Application forms are available from the Registrar's office, as above.

Goode Memorial Fund
This fund provides interest free loans to women students in the Faculty of Medicine who are in temporary financial difficulty. The loans rarely exceed $50 and repayment periods are short.

Application forms are available from the Registrar's office, as above.

S. H. MacCulloch Trust
Established in 1978 by the bequest of the residuary estate from the late Miss A. J. R. MacCulloch, to be invested by her trustees to create a fund known as the 'S. H. MacCulloch Trust', the income from which is to be applied for the maintenance, education and benefit of undergraduate students in the Faculty of Medicine as the trustees and the dean of the faculty deem advisable.

Up to $750 will be made available either as a grant or as an interest free loan to a needy student.

Application forms are available from the Registrar's office as above.

Gladys Marks Memorial Fund
This fund provides interest free loans to women students of at least 25 years of age. The amount of the loans varies but the maximum is $250. Repayments are undertaken after graduation and must be completed within two years.

Application forms are available from the Registrar's office, as above.

Trevor Miller Memorial Fund
Established in 1974 to honour the late Associate Professor Trevor Miller of the Department of Education. Up to $275 may be available as:

(a) aid in the form of a gift of books or other educational materials to students from Southeast Asian countries studying at the University;
(b) financial assistance to students working at the University in the area of comparative education;
(c) a grant to assist in the publication of work in the area of comparative education; and
(d) a travel grant to enable students to attend the Conference of the Comparative Education Society.

Application forms from the Registrar's Office as above.

Winifred Nettie Ockenden Bequest
Loans from this fund are to assist students in temporary financial difficulty. They rarely exceed $50 and repayment periods are short.

Application forms are available from the Registrar's office, as above.

Margaret Telfer Loan Fund
Established in 1967 by the Sydney University Women's Union to honour the late Registrar, Miss Margaret A. Telfer.

Loans from this fund are to assist students in temporary financial difficulty. They rarely exceed $50 and repayment periods are short.

Application forms are available from the Registrar's office, as above.

APPLICATIONS AS INDICATED

Ellis Memorial Fund
This fund provides financial assistance to students in the Faculty of Engineering who would not be able to complete their studies without such assistance.

Applications should be made to the Dean of the Faculty of Engineering.

Students' Representative Council Bursary and Assistance Fund
This fund provides loans to undergraduates who can demonstrate sufficient need. Any undergraduate may apply. Loans may be either short or long term. Long term loans vary in amount up to $600 and in duration with each individual case, but repayment is normally by graduation. Loans and repayment may be in a lump sum or in instalments. Short term loans of up to $50 may be obtained almost immediately, and are for up to one month. Interest is charged only on overdue loans.

Application forms are available from the SRC Office, Level 1, Wentworth Building.

Field Excursion Loan Fund
This fund assists students with grants, up to $60, to attend compulsory field excursions.

Applications can be made to any of the following Departments: Agriculture, Biology, Geography and Geology.

University Department Loan Funds
Small loan funds exist in some university departments, for example, in Chemical Engineering, and for postgraduate students in Law. To obtain such loans students should consult the head of the department concerned.

Sydney University Medical Society Funds
This Society operates two funds. The Clinical Years Bursary Fund enables loans of a maximum of $100 per year to be made to students in the clinical years of medicine. The loans are repayable two years after graduation. The Student Emergency Loan Fund enables small loans of up to $50 repayable within one month, to be made to students in any year of medicine.

Application forms are available from the Sydney University Medical Society, Blackburn Building.

BURSARIES

University bursaries

The University has at its disposal a number of bursaries created by private foundations. The bursaries are intended to assist undergraduate students of merit to continue their courses when their financial circumstances are such that they would have difficulty in doing so. The main criteria involved in the award of bursaries are:

(a) the academic record of the applicant, and
(b) the degree of his or her financial need.

The value of a bursary ranges from $40 to $1000. Full details about bursaries are contained elsewhere in the *Calendar* under the section 'Scholarships, Prizes and Bursaries'. A student wishing to apply should inquire at the Registrar's office, as above.

See also *University Colleges* below in this part of the Calendar.

Other bursaries

International House Women's Committee Bursary
This bursary was established by a gift from the International House Women's Committee to assist residents or prospective residents of International House who would not be able to reside there without financial assistance. The value of the bursary is $20 per week.

Applications to the Director, International House.

Michael H. Rathgeber Scholarship
Established in 1971 by a gift of $2000 from Dr and Mrs H. Rathgeber, to establish a scholarship in memory of their son Michael H. Rathgeber, tenable at International House. A further gift of $2000 was received from Dr and Mrs Rathgeber in 1972 together with donations from other sources.

The scholarships are awarded to any undergraduate or postgraduate student at the University of Sydney who has a good academic record and who, in the opinion of the Selection Committee, would benefit from residence in International House and contribute to its purpose, but who would not be able to live in International House without assistance.

Preference is given to a student who is an Australian Aboriginal or who comes from Papua New Guinea or from the Pacific Islands.

The value of the award is normally 50 per cent of the International House fees for single study bedroom accommodation during an academic year.

The award is made for a period of one academic year in the first instance but may be extended for a subsequent year or years.

Applications to the Director, International House.

CWA Scholarship
The Country Women's Association of New South Wales has given a CWA Scholarship to assist a country female student to live at International House. The scholarship is valued at $500.00 per annum, which will be credited to International House residence fees.

Further information from and applications to the Director, International House.

SOURCES OF ASSISTANCE OUTSIDE THE UNIVERSITY

Bank loans
Some banks offer assistance in the form of loans to students who have completed at least two years of a full-time course. Interest is charged on such loans but they are usually not repayable until after graduation.

Application can be made to individual branch managers.

Bursary Endowment Board
Bursaries are awarded on the results of the HSC by the N.S.W. Department of Education.

Application forms can be obtained from the Secretary, Bursary Endowment Board, 35–51 Mitchell Street, North Sydney, 2060. Telephone 922 6700.

Cadetships and traineeships
Some cadetships and traineeships are available from both public and private employers. Information on cadetships is available from:

(a) Faculty handbooks.
(b) Careers and Appointments Service
University of Sydney
Mackie Building
Arundel Street
Glebe
(c) New South Wales Public Service Board
Goodsell Building
8–12 Chifley Square
Sydney 2000
(d) Public Service Inspector for N.S.W.
Commonwealth Government Centre
Chifley Square,
Sydney 2000.

Dental Board of New South Wales
The Dental Board of New South Wales grants financial assistance in the form of loans to students in the Faculty of Dentistry.

Application forms are available from the Registrar of the Dental Board, McKell Building, Rawson Place, Sydney 2000. Telephone 217 6666.

Assistance for children of servicemen and ex-servicemen
(a) *The Gowrie Scholarship*
This fund provides for the annual award of four scholarships to Australian universities. Scholarships cover the normal period of the course and are tenable only by members of the forces who were engaged in active service during World War II, or their children.

Applications should be made to the Secretary, Gowrie Scholarship Trust Fund, 47 Cherry Street, Warrawee 2074.

(b) *The Services Canteens Trust Fund*
This fund provides financial assistance for children of ex-servicemen of World War II who do not receive assistance from any other source, and subject to a means test. The ex-serviceman need not be deceased or incapacitated. Applicants must have successfully completed one year of a course.

Further information is available from:
The Regional Secretary
Services Canteens Trust Fund
Anzac House
College Street
Sydney 2000
Telephone 26 2039

(c) *The Soldiers' Children Education Scheme*
This scheme offers substantial education benefits (including all fees, fares and a living allowance) to children of ex-servicemen, either deceased or gravely incapacitated, in certain circumstances.

Enquiries can be made at the offices of the Department of Veterans' Affairs, 77 York Street, Sydney 2000. Telephone 2 0234.

(d) *Sydney Legacy*
Children of deceased ex-servicemen who are enrolled with Legacy may obtain some assistance for education purposes from this organisation.

Enquiries can be made at the Legacy Offices, 144 Castlereagh Street, Sydney 2000. Telephone 61 9155.

Services and facilities

Animal Houses

Situated 32 km from the main grounds on the University of Sydney Research Station farm at Castle Hill, the Animal House under the supervision of a director supplies laboratory animals used in teaching and research within the University. On the University grounds, the care and use of animals for teaching and research is controlled by Animal Care Committees in the Faculties of Dentistry, Medicine, Science and Veterinary Science under policies laid down by the University Animal Care Committee.

Archives: University Archives

Established in 1954, the University Archives is the official repository for the records of the administration, of departments, clubs and societies, and of persons involved in, or closely connected with, the University. It also houses a collection of photographs of university interest, both prints and negatives, and university publications of all kinds. The reading room and repository are on the 9th floor of Fisher Library, and the records are available for research use by all members of the University, and by the general public. Restricted access conditions may apply to some records. The reading room is open 9-1, 2-5, Mondays to Fridays. Copies of records and illustrations can be supplied for exhibitions, publication, and coursework. *The University of Sydney Archives Record* is issued from time to time and is available *gratis* upon request.

Art Workshop

The Art Workshop is situated in a complex of galvanised iron sheds on City Road, just down from the Wentworth Building, and in the basement of the Architecture Building in Maze Crescent.

It is a creative learning environment for students interested in the visual arts. Teaching by professional artists provides a foundation for technical competence and creative understanding. Classes are offered in: basic painting and drawing, ceramics, enamelling, etching, foundry sculpture, life drawing, painting, watercolour painting, photography, puppetry, screenprinting, spatial dynamics, super 8 filmmaking, and video. Timetables for courses are available from the Art Workshop office.

All classes are of three hours' duration and run over a period of nine weeks. Students enrolled in Architecture, Fine Arts, Education and Museum Studies who undertake Art Workshop classes for accreditation are given first priority on enrolment days. However, when classes are not completely filled with accreditation students, other people from within the University or from the wider community are welcome to attend formal classes. Occasionally the facilities of the Art Workship can be made available for people not formally enrolled in classes but who can demonstrate a technical proficiency that would qualify them to work within a particular workshop.

Enrolment day is the first Monday of each term and takes place at the Art Workshop.

The Art Workshop may be used outside class hours by arrangement, provided a tutor is in attendance.

Banks

The Commonwealth Banking Corporation has a branch in the Holme Building and in the Wentworth Building on City Road. Autobank is available at the Wentworth Building.

National Australia Bank has two branches, one in Science Road in the Bank Building opposite the Union steps and another in the Wentworth Building on City Road. All normal banking services are available. National Australia Bank also offers extended hours trading, 9 am to 5 pm, during term.

FlexiTeller (automatic teller) is available outside both branches from 7 am to 9 pm daily.

It also conducts a travel service in the Bank building in Science Road which offers the services of a fully accredited travel agency.

Bookshop

Textbooks, academic reference books and general books may be bought at the University Co-operative Bookshop in the Transient Building in Fisher Road behind the School of Chemistry.

The bookshop is owned wholly by its members, the shareholders. All students and staff may purchase books from the Co-operative. However, those who choose to become members of the Co-op will in general receive a discount of 5 per cent off the marked price of the book at the time of their purchase.

Students may become life members of the Co-op by paying $12.00. This fee is refundable after 24 months should the student wish to withdraw from the Co-op.

The bookshop also provides special order, mail order and subscription services. Displays of special interest are organised throughout the year.

The University Co-operative Bookshop Limited operates bookshops on twenty campuses, as well as individual off-campus bookshops specialising in medical, general and professional books.

Hours: 8.45 am–5.00 pm Monday–Friday
Extended trading hours at the commencement of terms.
Telephone: 660 5188
Manager: Christine Crocker
Text Manager: Jim Tindall

Careers and Appointments Service

The Careers and Appointments Service (CAS) is in the Mackie Building across the footbridge on Parramatta Road, directly opposite the Footbridge Theatre.

The main functions of the CAS are to help students understand the career implications of their subject choice, to help final year students plan their careers and find their first jobs, and to provide a casual work service.

Careers counselling interviews, preferably by appointment, are aimed at advising students on employ-

ment opportunities in relation to the courses they are pursuing or planning to pursue. The CAS office has a Careers Library that contains general information on career opportunities, files on private companies, government departments, and research organisations, and also information on further study opportunities.

The Casual Work Section helps students find vacation work or part-time work during the term and students should come in as early as possible in the year to discuss their requirements.

Centre for Teaching and Learning

The Centre for Teaching and Learning offers assistance to academic staff in the development and evaluation of teaching methods and courses, testing and examining, and research and innovations in higher education. It arranges workshops and courses on topics concerned with teaching and learning in the University. Members of staff may apply to be seconded to the centre to pursue approved projects of research and development of courses, teaching methods and learning resources. For newly appointed staff the centre offers orientation to teaching activities, and induction programmes on the academic services of the University.

The centre is open to undergraduate students and postgraduates. It offers assistance, either from its own resources or by referral to other units within the University, in such matters as study skills, written and oral expression, and examination preparation and techniques.

Members of staff of the centre have works on teaching and learning published in scholarly journals and books; they also conduct research in higher education contexts, and teach in undergraduate and postgraduate programmes.

Confidential interviews can be arranged by telephone (692 3725) or by calling in person at the centre on the ground floor of the Madsen Building.

Computing: University Computing Centre

The University Computing Centre, created in 1974 and located on the southern side of the grounds in the Darlington precinct, provides substantial computing services for the University and outside bodies. The mainframe consists of a Control Data Cyber 170-720 and a Cyber 170-825, both running the NOS system, with batch and timesharing capability linking more than 250 remote terminals. Peripheral devices include magnetic discs with a storage capacity of approximately 2 x 10^9 characters, four magnetic tape units, and facilities for graph plotting. Other computers installed include a PDP 11/34 and a PDP 11/44 which drive an Evans & Sutherland picture system and an optical mark reading device; in addition a DEC VAX 11/780 provides remote computing facilities for specific departments. Recently the Centre has developed a fibre optical network which interconnects all of these computers with the Cyber mainframe and node computers in other faculties.

Counselling Service

Counsellors are available throughout the year for consultation by staff and students. Their assistance is available to those who wish to discuss ways of dealing with personal problems, study difficulties, indecision about life goals and other matters. Several group programmes are offered each year. These include Study Skills courses, Seminar and Exam Anxiety Workshops and Human Relations Workshops. Details are available on request at the Counselling Service. Confidential interviews with counsellors can be arranged by telephone or by calling personally at the reception desk in the Institute Building, City Road. Telephone 692 2228-9.

Electron Microscope Unit

The Electron Microscope Unit is equipped with transmission and scanning electron microscopes (with X-ray attachments) and an electron microprobe analyser, together with a comprehensive range of specimen preparation facilities and a library of texts, atlases and slides relevant to electron microscopy and electron microprobe analysis.

The equipment and services of the Unit are available to postgraduate students and staff of the University provided that the projects planned are acceptable to the director of the Unit. The staff of the Unit, who are experienced in a wide range of research fields, are available for assistance and advice at any time.

Staff of the Unit run training courses throughout the year in all aspects of electron microscopy, specimen preparation and electron microprobe analysis, aimed at enabling users to operate equipment themselves. These courses are generally oversubscribed, so that early application is advised. Postgraduate students using the facilities of the Unit for higher degrees are required to attend the relevant training courses, unless exempted by the director. The use of the facilities and attendance at these courses is free within the University. Enquiries concerning the use of facilities in the Unit should be made to the director.

Farms: University Farms

The University Farms comprise eleven separate farms in the Camden, Bringelly and Badgery's Creek districts within 60 km of the main Sydney grounds, a wheat farm at Moree and a sheep-beef property at Marulan. They are used to support the teaching and research activities of the University but are also operated as commercial farm units expected to show profits for farm development and the fulfilment of the conditions of the bequests under which they were acquired.

The eleven farms near Sydney have a total area of 1400 ha, and of this area 250 ha are irrigated from dams and streams. Collectively they carry more than 400 milking cows, 1200 head of dairy and beef cattle of all ages, 2000 sheep, 30 horses, 100 deer, 3000 hens, 3500 broilers, 100 goats and 400 pigs, and in addition they produce some field and horticultural crops.

The main function of the farms is to serve the teaching and research needs of departments within the Faculties of Agriculture and Veterinary Science. The farms also supply animals and other research material to the Faculties of Medicine and Science and carry out field-scale and farm-scale research.

Most final year veterinary science students and many final year and postgraduate agriculture students reside on the farms at Camden.

The Moree property, known as the *Livingston Farm*, covers an area of 4600 ha and is used to complement the research work of the Plant Breeding Institute at Castle Hill and Narrabri by increasing the seed supplies of new university varieties of wheat, soybeans and oats. It has 320 ha of irrigation and has grown up to 3800 ha of wheat and other grains and turned off as many as 200 head of beef cattle in one year. It experiments on a commercial scale with new farming practices such as no-till cropping and stubble preservation and provides some income for cancer research.

The Marulan property, known as *Arthursleigh*, is an area of 5200 ha west of Marulan, which came to the University as a bequest from the estate of the late E. W. Holt. It is being developed as an intensive sheep-beef property and should eventually provide valuable research-teaching facilities as well as profit for the purposes of the bequest.

Health: Student Health Service

The Student Health Service is available to all students who wish to consult a medical practitioner on physical or mental health matters. The service is located in the Institute Building, City Road, and also part-time in the Law School and the Rural Veterinary Centre, Camden. Appointments may be made in advance but are not required in an emergency or unexpected illness.

Housing Officer

The Housing Officer assists students and staff seeking accommodation outside the University, and advises on the problems of living away from home. Lists are kept of lodgings on a room-only and a full-board basis, as well as of self-contained flats and houses, and of those who offer free board in return for duties. The office is at the top of the stairs in the north-western corner of the main quadrangle. Appointments may be made by calling at the Student Centre in the corner of the Main Quadrangle diagonally opposite the jacaranda tree, or by telephoning 692 3312.

Information Services

The Information Services Department in the Woolley Building in Western Avenue opposite No. 2 Oval produces the *University of Sydney News* each week during term and the *Gazette and Letter to Graduates* in February and September of each year. Suggestions for articles for the *News*, which is read by staff, students and the media, are welcome. The paper serves as a major vehicle for the release of news to the media and the department's staff are therefore particularly anxious to hear of new research developments.

The department has extensive contacts with members of the media and several of its members have had wide journalistic experience. It can advise departments and staff about all media matters, such as news releases, news conferences and general publicity.

The department also acts as a resource centre for visitors, students and outsiders seeking information by telephone. It wishes to hear about all departmental activities so that its records are as complete and accurate as possible.

Information Services also acts as the liaison centre for tours of the University conducted by the Chancellor's Committee.

Language Study Centre

The Language Study Centre provides audio-visual facilities for the teaching and learning of languages. A library of tapes, slides and video materials with holdings in over seventy languages is available to any member of the staff or student body wishing to engage in independent study. Tutorials in English as a Foreign Language are offered to overseas students.

Map Library

The Map Library within the Department of Geography in the Institute Building is open to all faculties and departments in the University.

The collection offers world coverage with 45 complete topographic series produced by agencies within the various countries, together with geological, regional, thematic and specialist maps. There are also a number of maps of historic interest. Atlases are held in the Geography Library close by.

Among the local holdings of the library are the Australian topographic series of 1:1 000 000, 1:250 000, and such sheets published of the inch-to-1-mile series, as well as maps produced by the Department of Mines, the Forestry Commission, conservation and planning establishments, census departments, and most other map producing agencies throughout Australia.

The Map Library, which contains over 60 000 maps, is open from 9.00 am to 5.00 pm on weekdays. Its comprehensive collection of wall maps is available for lecture use throughout the University. In other respects the library is for reference only, map identity being obtained from a visual index or catalogue. The map custodian is the cartographer of the Department of Geography.

Post Office

The University Post Office in Science Road opposite the Union steps provides all normal postal facilities.

The University has its own exclusive postcode, N.S.W. 2006.

Press: Sydney University Press

The Press, supported in part by funding from the Eleanor Sophia Wood Bequest, commenced active operations in January 1964. It is housed in the Press Building adjacent to the Institute Building in City Road.

The Press undertakes, by selection, to publish scholarly works in any discipline provided that the works are assessed as academically sound and that marketing and cost considerations provide a relevant basis for publication in a full sense. Generally the works will have an Australian content. Works of greater market appeal, including those that may have a secondary or tertiary student use, are undertaken provided they are assessed as of a high academic standard.

Editorial services and production guidance are provided for seven scholarly journals.

Research units

Human Nutrition Unit

The nutrition staff of the University are combined in one unit with those of the Commonwealth Institute of Health (Commonwealth Department of Health) under the direction of the Boden Professor of Human Nutrition. The unit has a laboratory and offices on the fourth floor of the Biochemistry Building, other office accommodation in the Commonwealth Institute of Health, and a metabolic house for human feeding experiments in Darlington Road.

The postgraduate diploma course in Nutrition and Dietetics takes 5 terms (approximately 1½ years), including 4 months' training in dietetics departments of teaching hospitals. Competition for entrance is keen. Research projects currently being undertaken in the Human Nutrition Unit include food intake measurements in vulnerable groups; nutritional status of homeless people in Sydney; analysis of bush foods used by Aboriginals; effect of diet on plasma lipids and lipoproteins in humans and laboratory animals; detection of lactose intolerance by breath hydrogen measurement; factors related to the digestibility of carbohydrates in different foods; weight gain in pregnancy and foetal outcome; the effect of meals on mental function; how people's food habits change when

they get married; studies on vitamin C; vitamin A and carotene nutrition and cancer of the uterine cervix; sensitivity to and measurement of salicylates in foods; current practices in infant feeding, and studies of Wernicke's encephalopathy and Korsakoff's psychosis.

Marine Studies Centre
The Marine Studies Centre was established to develop and co-ordinate teaching and research in the marine sciences within the University. Membership of the Centre is open to members of academic staff and research students working in marine research. The Centre produces its own newsletter and provides advice on facilities and also the range of research activities being undertaken within the University. Further information is available from the Director.

AGRICULTURE

Institute of Advanced Studies
The Institute of Advanced Studies was established within the Faculty of Agriculture in 1974 to advise the Senate regarding several bequests. The Institute will use the funds to further the development of postgraduate studies and research in the Faculty. It is intended that the Institute shall promote the attraction of additional income.

The directors of the Institute are elected from and by members of the Faculty of Agriculture who are full-time permanent members of the Departments of Agricultural Genetics and Biometry, Agricultural Chemistry, Agricultural Economics, Agronomy and Horticultural Science, Animal Husbandry, Microbiology, Plant Pathology and Agricultural Entomology and Soil Science. Each of these eight departments has one member of its staff as a director. The Dean is *ex officio* a director.

Plant Breeding Institute
An institute known as the Plant Breeding Institute was established within the Faculty of Agriculture in 1974 to promote the science of plant breeding and the improvement in the genotypes of crop plants available for commercial cultivation. The Institute is governed by a Council, comprised of members of the N.S.W. Wheat Research Foundation, the N.S.W. Minister for Agriculture and members of the staff of the University, which reports to the Senate. The Institute draws together, for the above purposes, the Plant Breeding Institute, Narrabri, the Castle Hill Research Station and the genetics section of the Department of Agricultural Genetics and Biometry. The Professor of Plant Breeding is the Director of the Institute.

ARCHITECTURE

Ian Buchan Fell Research Project on Housing
Under the terms of the will of Ian Buchan Fell the University set up in 1965 a research unit within the Faculty of Architecture to investigate people's needs in relation to their housing.

'Needs' are viewed as concerning not only the buildings that provide shelter, but also the servicing of them, their economic viability, and the psychological effects of aspects of housing and neighbourhood design.

The project carries out research on its own behalf and sponsors research through studentships to approved applicants.

A list of publications by this research project since 1968 may be obtained on request.

Planning Research Centre
The Planning Research Centre, located in the Department of Town and Country Planning, furthers fundamental research into physical planning and development. It also sponsors seminars in specialised fields and promotes the publication of research material. The first Research Centre Fellow was appointed in 1966 and the first Research Centre Student was appointed in 1967.

ARTS

Centre for Asian Studies
The principal purpose of the Centre for Asian Studies is to encourage knowledge of and research into the Asian region. Membership of the Centre is open to staff and students with an interest in the region; associate membership is available to those outside the University who share this interest.

The Centre organises specialist seminars by members of the University and visitors. It promotes knowledge of Asia outside the University through public seminars and such events as the annual Asian History Study Day for HSC students. It produces a newsletter, and has assisted with the publication of materials relating to Asia. Then Centre advises students with an interest in Asia about ways to select a programme of courses from those that focus on Asia offered by various departments. It also assists people seeking to contact members of the university staff who have specific Asian research interests.

Further information is available from the President, Centre for Asian Studies, P.O. Box 19, Holme Building, A09, or from telephone extensions 3404 or 3022.

DENTISTRY

Institute of Dental Research, in the United Dental Hospital Building, was established in 1946 for investigation into the causes and prevention of dental caries. The Institute also does the routine pathological work for the dental hospital. The Director of the Institute holds the Chair of Oral Biology.

ECONOMICS

Accounting Research Centre
The University of Sydney Accounting Research Centre is an adjunct of the Department of Accounting.

The objects of the Centre are to promote research in accounting, to maintain a collection of research material, to organise seminars and lectures on research work and to publish the results of such work.

The centre conducts research seminars, publishes the twice-yearly journal *Abacus,* and offers limited consulting services. It has an extensive research collection, and maintains files of the annual reports of companies in Australia and to some extent overseas.

The centre is administered by a Director, Professor M. C. Wells.

Transnational Corporations Research Project
This project was established in 1975 and has received donations from governments, trade unions, companies and individuals.

The aims of the project are to provide information on, and initiate research into, various aspects of foreign investment and the activities of transnational corporations in Australia.

There are three main areas:

(a) the publication of books, research monographs and papers on transnational corpor-

ations in Australia, South East Asia and the Pacific;
(b) the establishment of a library of books, articles and relevant journals;
(c) the development of relationships with similar research organisations overseas, including the United Nations Centre on Transnational Corporations and the Transnational Institutes in Washington and Amsterdam.

EDUCATION

The **Curriculum Research and Development Centre** was established in 1979 to undertake research, development and consultancy activities. These have included a Living Skills Project; a Core Curriculum Project in conjunction with the N.S.W. Institute of Educational Research and the Division of Studies of the N.S.W. Department of Education; and a Studying Australia in Japan Project funded by the Australia–Japan Foundation, the preparation of a bibliography on simulation and gaming in Australia in conjunction with the Australian Decision, Simulation and Educational Gaming Association. In addition to the above, the Centre gathers resources and has an ongoing interest in such areas as Australian Studies, Cultural Pluralism, Studies of Asian Cultures, Mass Media Education, Curriculum Decision Making, and integrated courses in social science.

ENGINEERING

The MHD Research Facility, at the White Bay Power Station of the Electricity Commission of New South Wales, is a 4 MW fuel flow facility of the Department of Electrical Engineering set up in 1979 for research into and development of magnetohydrodynamic electric power generation.

The Warren Centre for Advanced Engineering

The Warren Centre was commenced in 1982 with a public appeal for funds to commemorate the centenary of engineering in the University. The Centre will be opened in May 1983 as part of the Engineering Faculty Centenary Celebrations.

The aim of the Centre is to cooperate with industry to promote excellence and innovations in all fields of engineering in Australia. The Centre will be controlled by a Board comprised of representatives of both industry and the University, with the majority of Directors from industry. Directors serve for a maximum period of five years.

The Centre will perform its function mainly by bringing together, under distinguished Visiting Fellows, selected groups of experienced practising engineers from industry, experts from Australia and overseas, and research and teaching engineers. Such Visiting Fellows will be appointed for short periods only — from two to six months. The tasks of the groups will be to focus on particular engineering problems important to the development of engineering skills in Australia. Such problems will be identified by the Board with the help of industry generally and the Faculty.

In order that the information, skills and influence of the Visiting Fellows and of the groups may be spread to a larger number of engineers, the Centre will arrange seminars, workshops, lectures and so on in which Visiting Fellows will participate.

The day-to-day activities of the Centre will be carried out by a small staff led by the Executive Director, Professor R. W. Bilger, and assisted by Mr E. S. Swinbourne, Executive Officer.

LAW

Criminology: Institute of Criminology

The Institute of Criminology was established within the Faculty of Law in 1966 to further the development of teaching and research in criminology and penology. The aims of the Institute are: to engage in systematic research into the basic and the practical problems of crime and the treatment of offenders; to engage in research into the nature and extent of crime; to provide objective data for the improvement of the criminal law, of the treatment of offenders, and of law enforcement practices; to assist in the training programmes of law enforcement and correctional agencies; to provide advanced training for persons engaged in the prevention, control and treatment of crime; and to foster a higher standard of criminal justice by contributing to the formation of an enlightened public opinion.

The activities of the institute include: undergraduate and graduate teaching and research within the formal university framework; teaching, research and service functions for the Australian Police College, the N.S.W. Police Department, and the N.S.W. Department of Corrective Services; research, and the public dissemination of information, on the problems of crime and on the criminal law and its enforcement; cooperation with other criminological institutions and organisations in Australia and overseas; and the organisation each year of a series of public seminars on problems in the criminal justice field and the publication of the proceedings of these seminars.

MEDICINE

Clinical Immunology Research Centre

The Clinical Immunology Research Centre was established in March 1982 under the direction of Professor A. Basten by means of a Centre of Excellence grant to the university. The centre is being developed around the research and clinical activities of the immunology laboratories, which originated in the department of Bacteriology under the guidance of Professor P. M. de Burgh and more recently have been associated with the Department of Medicine. The main theme of the centre is a study of the control systems involved in regulating immune responses in animal models and in man. A knowledge of these systems is of fundamental importance to the understanding both of normal homeostatic mechanisms responsible for memory tolerance and of the pathogenesis of common diseases such as autoimmune states and allergic disorders. Funds are to be used to introduce or expand the major technologies of monoclonal antibody production, T cell lines and flow cytometry, and to attract investigators expert in biochemistry, cell differentiation and human immunology. With its close ties with Royal Prince Alfred Hospital, the centre is ideally situated to bridge the gap between fundamental research and the clinical arena. To this end it will be divided into four linked units encompassing basic immunoregulation, human immunoregulation, immunochemistry, and clinical immunology. The centre has been provided with additional facilities sufficient to accommodate up to forty-five staff including university establishment and clinical personnel.

Neurobiology Research Centre

The Neurobiology Research Centre was established in March 1982 under the direction of Professor M. R. Bennett by means of a Centre of Excellence grant to the University. This research centre is concerned with elucidating the mechanisms that govern the development of the nervous system. To this end the following

areas of investigation are being studied: first, the process by which nerves grow along appropriate pathways to their correct target cells; second, the formation of synaptic sites on cells at which nerves can form connections; third, the maturation of nerve terminals at these synaptic sites; finally, the isolation of factors provided by target cells which are necessary for the survival of neurons. There are twenty research personnel, including PhD students, MD students, postdoctoral fellows and research fellows.

Queen Elizabeth II Research Institute for Mothers and Infants situated in the Medical Precinct within the university grounds, was established in 1958 for investigation of the causes and prevention of illness and deaths of mothers and infants. Since then the work of the institute has expanded to include research on all aspects of reproduction in women.

The **Smith, Kline and French Research Institute** was established in 1964 within the Department of Pharmacology for research in pharmacology.

COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION (CSIRO)

Close collaboration in research activities exists between many university departments and relevant divisions of CSIRO, particularly in agriculture, biochemistry, biological sciences, veterinary physiology, mechanical engineering, electrical engineering and chemical engineering. The university school of biological sciences has joint research units of entomology as well as marine biochemistry with CSIRO. At the McMaster laboratory, Division of Animal Health, CSIRO facilities are available for research in parasitology, bacteriology and immunology. McMaster farm (140 ha) is attached to the same division, and McMaster field station (162 ha) of the Division of Animal Production, adjoins the University's McGarvie Smith animal husbandry farm and is equipped primarily for investigations in genetics and reproductive physiology in sheep and cattle under field conditions.

Sample Survey Centre

The Sample Survey Centre (SSC) was formed late in 1975. By concentrating the skills, resources and equipment necessary for the conduct of surveys, the SSC offers its users a significant cost saving advantage previously unavailable in the University. All phases of survey production and data base management can be handled by the SSC obviating the need for investigators to secure the services of subcontractors such as fieldworkers, clerks and programmers, and freeing them from time-consuming survey management tasks. In addition the SSC pursues its own programme of basic research into improving the theory and practice of surveys and is able to make useful contributions to the University's teaching programmes where survey methods are used.

The SSC acts as the Sydney headquarters for the Australian Consortium for Social and Political Research (ACSPRI), servicing the University of Sydney, University of New South Wales and Macquarie University. As one of the 19 university and college member institutions of ACSPRI, the SSC enables staff and students to gain access to national and international machine readable survey data archives for research and teaching purposes.

The SSC is located at the rear of the Institute Building (HO3) and appointments for consultations can be made by telephoning 692 3624.

Services: Administrative service units

A number of service units facilitate the general operations of all academic and administrative departments:

University Printing Service
Photographic Department
University Garage
University Services Store

University Printing Service. On the top floor of the Services Building, the Printing Service offers a wide range of printing services including typesetting, preparation of artwork, small-offset printing, high speed photocopying, addressing, numbering, collating, stapling, guillotining and bookbinding.

For further information contact the Officer-in-Charge on 692 2009.

Photographic Department. On the first floor of the Services Building, the Photographic Department offers all photographic services, including platemaking, plan printing, photocopying, microfilm work and printed circuitry. This department also functions as a service to assist staff members by providing photographic reproductions for use in publications, teaching and research.

University Garage. At the rear of the Services Building, the garage provides petrol and oil, and regular maintenance and repair services for any university vehicle.

Store

The University Services Store is a large bulk store, covering two floors with a Chemical Store adjacent to the main building. Extensive ranges of goods and materials are maintained including such items as furniture, stationery, trade and scientific supplies. Daily deliveries of stores are made to all departments.

Seymour Theatre Centre

The establishment of the Centre was made possible by the Everest York Seymour Bequest. In accordance with Seymour's wishes the Centre has been designed to serve as the focal point for a wide variety of activities associated with all aspects of the performing arts.

The self-contained complex houses three fully equipped theatres, rehearsal studios, extensive backstage facilities, offices, a recording studio, cinema facilities, display areas, bars and a restaurant.

The two major theatres have been named, after the Centre's benefactor, 'The Everest' and 'The York'. The smaller downstairs theatre is simply called 'Downstairs at the Seymour'.

The University has made a block booking for the Theatre Workshop of The Downstairs Theatre for 35 weeks of the year for use by university teaching departments and student clubs and societies.

The Everest Theatre and York Theatre are also available subject to existing commercial bookings.

Enquiries to the General Manager.

Television Service

The University Television Service was originally set up in 1964 to produce closed circuit television lectures to support teaching. Several departments now make the extensive use of such videotaped lecture courses for undergraduate teaching. The function of the Television Service has, however, become much broader. It works with departments throughout the University to produce high quality videotapes, films and slide-tape presentations for use in both teaching and research. Some of these productions have been accepted for

broadcasting by the national and commercial networks. A number have won awards at various film and television festivals.

The Service produces several radio programmes each week with the Department of Adult Education for broadcasting on Sydney Educational Radio—2SER FM (107.5 MHz). It also provides advice and assistance to departments on the purchase and maintenance of all types of video and audiovisual equipment.

The unit, which is based in the Carslaw Lecture Theatre Block, is equipped with full broadcast standard facilities including a colour television studio, colour mobile recording unit, single camera unit, telecine and video-editing. Master recording is done on 25 mm C-format (broadcast standard) tape but other tape formats are used for replay. The unit also has a small recording studio and 16 mm film production facilities.

With the growth of portapack and domestic video, the Service plays an increasing part in assisting departments in the use of the television medium.

Theatre Workshop

University of Sydney Theatre Workshop was established to work closely with university departments and student societies involved in or that initiate theatre activities.

The Workshop develops programmes and projects in response to needs of staff and students. Its activities also extend into the professional theatre community and are generally aimed at theatre productions that explore new forms and innovation.

Students and young people may participate at the level most suited to their experience and can develop critical and practical skills in all aspects of theatre practice.

The department provides consultative services in stage design, and in direction, technical theatre, production management and theatre crafts.

Productions for academic study

Theatre Workshop, in conjunction with other university departments, mounts fully professional productions directly related to the students' coursework.

Downstairs Theatre, Seymour Theatre Centre

The Downstairs Theatre at the Seymour Theatre Centre has been developed as a flexible studio theatre. In it the user is able to establish an audience/actor relationship to suit different theatre styles and periods.

Seymour Student Theatre

Seymour Student Theatre is a company of students who work on a major production during the summer vacation under the direction of a professional theatre director. The season in the Downstairs Theatre is during March.

Works: Officer of Works Department

The Officer of Works Department, which is situated in the Services Building, has the primary responsibility of maintaining the University's buildings and associated services and equipment. The design and execution of alterations and additions, the operation of major plant and energy management, together with a range of sundry duties, including signwriting, the collection of liquid chemical waste, pest control, the provision of furniture are also undertaken by the department. Defects which require urgent attention should be brought to the notice of the department by telephoning 3444 during working hours or 3333 after hours.

University of Sydney Library

The University of Sydney Library comprises the central library—housed in the Fisher Library—and branch and departmental libraries. The Library holds three million volumes and receives regularly more than 25 000 serial titles. The central catalogues in Fisher record the total holdings of the Library, including all branch and departmental libraries.

The first books were acquired in 1851 and shortly afterwards the library of Sydney College was added. The notable collection of Nicol D. Stenhouse was acquired in 1878 as the gift of Thomas Walker. One hundred years ago, in 1884, a boot and shoe shop proprietor, Thomas Fisher, bequeathed to the University the sum of £30 000, the income from which is used as a book fund. The Hugh Macdonald Collection of English Literature has been acquired through the Fisher Fund. An important acquisition in 1963 was the library of the late Professor J. R. B. Stewart, strong in middle eastern archaeology and in numismatics. The finest collection of books in extent and importance which has been given to the University is that of Sir Charles Nicholson. There have been numerous other benefactions, among which may be mentioned the library of Sir Francis Anderson, the W. H. and Elizabeth M. Deane Fund and Collection, and the Dalley-Scarlett Music Library, the gift of Mrs R. Dalley-Scarlett. Outstanding cash donations have been the gifts of Mrs R. Keesing, and the result of an appeal conducted by the Standing Committee of Convocation. In 1961 the Friends of the University of Sydney Library came into being. This society has been responsible for notable acquisitions of rare books.

Fisher Library

In Fisher there are three main collections: the Undergraduate Library, the Research Library and the Rare Book Library. Fisher also houses the Circulation Department, the headquarters of the branch and departmental library system and the Technical Services Division which is responsible for acquiring and processing all material added to the Library.

From 1909 Fisher Library occupied the south-western corner of the Main Quadrangle, first in an isolated block the centrepiece of which is now Maclaurin Hall, later extending into the connecting link to the original eastern wing, now the Professorial Board Room area. In 1962 the first stage of the new Fisher Library was occupied, and this building went into operation fully from January 1963. The Library

has been designed as two separate buildings connected by a link. The undergraduate wing is of five storeys, as is the link which accommodates the public services, the rare books and the library administration. There is seating for 2000 readers and shelf space for more than 100 000 volumes. A bookstack of nine storeys houses the main research collection. When fully occupied the Library will accommodate 3 000 000 volumes and 3000 readers.

The Undergraduate Library is used by all students in First Year but decreasingly in later years by students other than those in Arts and Economics. The collection totals 130 000 volumes, including multiple copies of books recommended for reading by large classes. A catalogue of this collection in microfiche format is published twice a year and is widely available throughout the Library.

Enquiries about books in the undergraduate collection, including the special reserve, should be directed to the Undergraduate Services Librarian, who is responsible also for the music listening facilities and audiovisual materials, all described later in this section.

The Research Library covers all subjects, in many of which the collections are outstanding by Australian standards. It holds many of the back sets of scientific serials but its heaviest use is as the main library for scholars in Arts and Economics.

The Research Library maintains a professionally staffed reference service, throughout all the hours that Fisher is open, in the Reference and Catalogue area on the main floor.

In this area, in addition to the Library's own catalogues, there is an extensive collection of reference books and bibliographies, including the catalogues of other major libraries and union lists of holdings of periodicals in Australian libraries.

The Research Library is equipped to locate material not in the University Library and to secure it through the inter-library loan service.

Enquiries about books in the research collection, interlibrary loans, reference books and bibliographies should be directed to the Research Services Librarian.

The Rare Book Library includes manuscripts, early printed books, Australiana, private press books and associated items. It is particularly strong in seventeenth and eighteenth century English literature and history. The library holds twenty-four incunabula and thirty-two medieval manuscripts. A number of first editions of Handel are included in the Dalley-Scarlett Music Collection.

The Circulation Department handles all borrowings from Fisher and all enquiries relating to loans, reservations and overdues should be directed to it.

The Division of Branch and Department Libraries handles enquiries about the Branch and Department libraries outside Fisher.

Special facilities

There are a number of other special services available in Fisher.

Music and literary recordings.—A collection of over 2000 records of music and literature may be played on the library's high-fidelity stereo equipment. The collection includes recordings of early music, jazz, folk music, classical music, non-western music, contemporary music, drama and poetry.

Browsing Collection.—A collection of general reading in open access.

Copying.—Coin-operated photocopiers are available.

Microcopy reading.—Readers are available for microfilm, microprint, and microfiche. Reader-printers make full sized copies of microfilm pages.

Theses.—The library has a collection of theses presented for higher degrees in the University of Sydney.

Library guides

Leaflets describing the Library and how to use it may be obtained in the entrance foyer of Fisher.

Hours of opening

Fisher Library is open as follows:

During term
- Monday-Thursday:
- 8 am to 10 pm (Lent and Trinity terms)
- 8 am to 11 pm (Michaelmas term)
- Friday: 8 am to 8 pm
- Saturday: 9 am to 5 pm
- Sunday: 1 pm to 5 pm

In May and August vacations
- Monday-Thursday: 8.30 am to 9 pm
- Friday: 8.30 am to 5 pm
- Saturday: 9 am to 5 pm
- Sunday: closed.

In the December vacation
- Monday-Friday: 9 am to 5 pm
- Saturday and Sunday: closed.

Branch and department libraries

Branch libraries, which are staffed by the Library, are located in the following faculties or departments: Faculty of Medicine (Faculty Library and Burkitt Library, the latter in Anatomy and Physiology); Faculty of Dentistry; Faculty of Engineering; Faculty of Economics (Wolstenholme Library); Faculty of Law; Faculty of Architecture; Departments of Mathematics, Physics, Geography, Education, Music and Geology. The Badham Library serves the Faculties of Agriculture and Veterinary Science and the School of Biological Sciences.

In a number of other departments there are libraries forming part of the University of Sydney Library but supervised by department staff.

Hours of opening of branch and department libraries vary but all branches and virtually all department libraries open 9 am to 5 pm Monday to Friday with some branches opening, in addition, one or more evenings per week and over the weekends. Details are to be found in the appropriate faculty handbooks and on the Floor 3 noticeboard in Fisher.

Other libraries

Within the grounds there are several other libraries including:
- CSIRO McMaster Animal Health Laboratory Library
- Moore College Library of Theology
- Gillespie Theological Library in St Andrew's College
- Commonwealth Institute of Health
- Sydney Institute of Education Library

In addition, each of the university colleges has its own library. It should be noted that Sancta Sophia College contains the important Lane Mullins collection of Australiana.

These libraries impose their own conditions for the use of their books and materials.

Note: For the Library regulations see the 'Additional Resolutions of the Senate', close to the end of the Statutes section of the Calendar.

Museums

Nicholson Museum

Housed in the elegant main quadrangle buildings, the only large-scale collection of Old World archaeological material in Australia had its beginning in the donation of the private collection of Sir Charles Nicholson in 1860. The objects, which come essentially from Greece, Italy, Cyprus, the Near East and Egypt, have been added to over the years and form the nucleus around which the Department of Archaeology has developed.

The Museum is open to the public, Monday to Friday (10 am–4.30 pm) and admission is free. Many schoolchildren, particularly high school students studying ancient history, utilise this most valuable resource of original artifacts in their studies, as do the students within the University. The present curator is Professor A. Cambitoglou who has been responsible for the reorganised presentation in the museum.

Macleay Museum

This Museum had its origins in the private collection of Alexander Macleay, an early Colonial Secretary, and was donated to the University in 1888 by his nephew Sir William Macleay. The collection was started in 1780 and brought to Australia in 1826.

Groups of school students make regular use of the displays, which feature unique material such as rare and extinct Australian fauna, historical scientific instruments, artistically and culturally valuable anthropological items, and a collection of early photographic equipment and Australian photographs.

The museum has the oldest and most historic insect collection in Australia, containing more than half a million specimens. Specific objects of interest include a mummy from Darnley Island, a Tasmanian Tiger, and the earliest extant bark paintings.

The Historic Photograph Collection is made up of 20 000 images, some of them from the 1850s. It includes many family albums dating between 1870 and 1950. The images have been donated by people who recognise that old photographs are historical documents, and who are concerned to place them where they will be valued and looked after. As the photographs derive from the community, the Museum is particularly interested in maintaining the collection as a community resource. Researchers may make an appointment to view the collection, and are encouraged to use it for publications and exhibitions.

Each year the staff of the Museum arrange special temporary exhibitions, which generate considerable community interest.

Open to the public from 8.30 am to 4.30 pm Tuesday to Friday and on weekends as advertised, the Museum is entered from the steps in Gosper Lane, opposite the Pharmacy Building in Science Road. Admission is free.

The present Director is Dr Peter Stanbury from whom information may be sought concerning donations, loans or any other aspects of the museum.

Museum of Pathology

The initial specimens for this museum were acquired when the Medical School was founded in 1883. In the Anderson Stuart Building a special room was allotted for what the University Calendar of 1889 designated 'The Museum of Normal and Morbid Anatomy'. Today the Museum of Pathology, as it is now called, occupies an important place in the new medical school—the Blackburn Building.

Under Professor Magarey the collection was reorganised and catalogued using an international system.

The museum has about 1300 pathological specimens on permanent display together with a reserve of some 200 that are continually being prepared and held for examination and replacement purposes.

Two types of audiovisual equipment are available to students as teaching aids in the museum. These include tape-slide and recorded-on-slide projection units.

It is both a postgraduate and undergraduate teaching museum for medical, dental and paramedical students with many well-presented classical examples of conditions not now readily obtainable owing to modern advances in treatment. The museum is not open to the public.

The curator is Mr Graeme Morrison.

Veterinary Anatomy Museum

The Veterinary Anatomy Museum is a working and reference museum containing skeletons and mounted specimens of domestic animals and a collection of skulls of a wide range of mammals. Located in the Veterinary Anatomy Department in the J. D. Stewart Building, the Veterinary Anatomy Museum is in four sections, all adjacent to the main Dissection Room.

The major display comprises dissected anatomical specimens in perspex containers, and also includes several excellent plastic corrosion specimens.

The audiovisual room contains audiovisual carells, a Selectamatic 35 mm slide display, drawings and many dissected specimens in perspex containers for purposes of individual student study.

Throughout the department there is displayed a large collection of skulls of many non-domestic species, which are of value to comparative anatomists. A recent addition is a collection of old veterinary surgical instruments restored to original condition. Essentially for teaching university students, the Museum is also open to the public on particular occasions.

The curator is Mr R. Bullock.

J. T. Wilson Museum of Human Anatomy

The J. T. Wilson Museum of Human Anatomy was established early in 1890. The Museum contains over 600 specimens and forms an integral part of the undergraduate courses in medicine, dentistry and science. It is also used by postgraduate students but is not open to the public.

The curator is Mr K. C. Parsons.

J. L. Shellshear Museum of Comparative Anatomy and Physical Anthropology

The J. L. Shellshear Museum was established in 1959. The collection consists of a range of hard and soft tissue specimens from Australian Aboriginal, Asiatic, European and Oceanic sources, and a collection of zoological specimens which include the H. L. Kesteven collection of comparative specimens. It is used by students in Physical Anthropology in the university. It is not open to the public.

Power Gallery of Contemporary Art

The Power Gallery within the Power Institute of Fine Arts was established in 1967 in accordance with the bequest of John Wardell Power, to bring to the people of Australia the most recent art from abroad through the University of Sydney.

The collection at present comprises prints, drawings, sculptures, paintings, kinetics and tapestries, the contemporary print collection being the most comprehensive in Australia. Some twenty countries are represented, including France, England, Japan, Hong Kong, Guatemala, Hungary, India, U.S.A., Brazil, Italy, Israel and Rumania. Donations of Australian works are included in the holdings. There are also over 300 oils, oil sketches and some 700 drawings by John Power.

A selection of works is displayed on the first floor of the Madsen Building. These may be seen, at present, between 1 pm and 4.30 pm Monday to Saturday. Periodic changes are made in the display.

Other works are stored and displayed on the seventh floor of Fisher Library; about thirty to sixty works can be viewed in the tutorial area where they are principally the subject of study by students in Fine Arts. This section is not open to the public, but appointments can be made to view particular works.

Building plans for the Power Gallery have been approved and until it has been built a number of works will continue to be available on request, for display in public, college, regional and other galleries.

The curators are Ms Bernice Murphy and Mr Leon Paroissien.

Dental Alumni Society Museum

This Museum within the Faculty of Dentistry is in the United Dental Hospital at 2 Chalmers Street, Sydney. It is an historical museum consisting of early dental instruments and equipment of a small nature and at the moment it is housed in cabinets outside the Fairfax Reading Dental Library. There are plans to display large equipment and photographs and documents describing dental science and practice of the past when additional accommodation becomes available. The museum display can be inspected at any time the Dental Hospital is open. Gifts of an historical dental nature are most welcome and will be acknowledged.

The curator is Mr. S. Levine.

University colleges

Saint Andrew's College

Incorporated in 1870 in terms of an Act of Parliament, 31 Victoria, passed in 1867, in connection with the Presbyterian Church of New South Wales. The present Moderator of the Presbyterian Church in the State of New South Wales is Visitor. The Corporation consists of a principal, who must be a duly ordained Presbyterian minister, holding and prepared to subscribe (when called upon to do so) to the standards of the Presbyterian Church of New South Wales, and twelve councillors, of whom four, but not more, must be ordained ministers of the same church. These twelve councillors, with the Principal, form the council in which the government of the college is vested. Chapel services are not compulsory.

The aim of the college is to provide university students with varied life and responsible adult community, friendship, support and tutorial assistance under conditions conducive to their immediate professional and academic training as well as to their personal, emotional, moral and intellectual development. For this purpose the college has on its staff, in addition to the Principal, a vice-principal, senior tutor, dean, and a number of resident fellows, tutors, visiting academics and non-resident lecturers, all from particular university departments. Applications for residence should reach the Principal by 30 January each year, and for bursaries and scholarships by the end of February. Further particulars may be obtained from the Principal.

Visitor
The Right Reverend The Moderator of the Presbyterian Church in N.S.W.

Principal
The Reverend Dr H. C. Cairns, MA *Oxf.* BD PhD *Edin.*

Vice-Principal
J. R. Angel, OBE, PhD *A.N.U.* MA

Councillors
H. E. C. Taylor, MB BS, Chairman of Council
The Reverend Dr H. Cairns, MA *Oxf.* BD PHD *Edin.*
D. I. Cassidy, LLM
The Rt Rev. C. Egan, BA BD MTh
P. M. Elliott, MB BS DGO, FRCOG FAGO FAustCOG

I. R. L. Harper, BA LLB
S. F. Higgs, BEc
The Rt Reverend Professor C. Miller, MA *Oxf.* BD *Edin.*
The Rt Reverend J. Mullan, DipRE *M.C.D.* BA
The Rt Reverend D. Murray, BA
B. Neil, BE
H. D. Raffan, DLO *R.C.P. & S.* MB BS, FRACS
W. F. Webb, MB BS

Secretary to Council
K. Rennie, FCA

Fellows
J. R. Angel, OBE, PhD *A.N.U.* MA, Senior Lecturer in Asian History. Hunter Baillie Fellow, Senior Fellow and Vice-Principal
Associate Professor R. P. Austin, DPhil *Oxf.* BA LLM, College Fellow
Professor L. Chipman, MA LLB *Melb.* D.Phil *Oxf.* DipTertEd *N.E.*, University Visiting Professor of Law, and College Fellow
Associate Professor R. I. Jack, MA *Glas.* PhD *Lond.*, FRHistS, College Fellow, Senior Tutor and Archivist
The Rt Reverend C. Miller, MA *Oxf.* BD *Edin.*, Lecturer in Philosophical Theology, University Board of Studies in Divinity
Professor S. M. Salsbury, AM PhD *Harv.*, Professor of Economics, Dean of Faculty of Economics, College Hunter Baillie Fellow
R. T. J. Stein, LLB *A.N.U.* LLM *Dal.* PhD, AMusA *A.M.E.B.*, Barrister-at-Law, University lecturer in Law, College Woodhouse Fellow and Librarian
J. E. Watts, MVSc PhD, Research Officer, Department of Agriculture, College Dean and Wilson Fellow

Tutorial programme
Accounting
P. Luckett, BA
M. Godfrey, BEc

Agricultural Chemistry
R. A. Caldwell, MSc PhD

Anatomy
T. McCulloch, BSc

Business Management
G. Williams, BSc, AFAIM

Careers Education
R. Scott, BA DipEd

Chemistry
P. Lukins, BSc

Contracts
R. Deutsch, BEc, LLB

Economics
N. Ray, BEc

Legal Institutions
S. Rawson, BA LLB

Mathematics
W. Perrins, MA MSc

Paedodontic Dentistry
D. Basser, BDS

Physics
I. H. Cairns, BSc

Physiology
M. Legg, BSc PhD

Torts
M. A. Bradford, BEc LLB

Veterinary Anatomy
R. Canfield, BVSc

Veterinary Clinical Studies
W. L. Porges, BVSc PhD HDA

Veterinary Pathology
P. J. Canfield, BVSc PhD

College Administration
Business manager
Werner Kos

Secretary to the Principal
Mrs J. M. Rae

Administrative Assistant
L. Meredith

Accountants
Binder Hamlyn & Co., C.A.

Gillespie Divinity Library
Chairman, Advisory Committee
Professor C. Miller, MA *Oxf.* BD *Edin.*

Librarian
Miss J. Humphreys

Board of Studies in Divinity: Harper House
Chairman: Associate Professor K. J. Cable, AM, MA *Camb. & Syd.*, FRAHS
College Member: The Principal
Secretary, School of Divinity: Mrs M. Duck

Scholarships and bursaries
The distinction is made between bursaries for students with financial need, and scholarships awarded on academic merit (except the Andrew's Society Scholarships, which are to do with overall value of a student to the College.)

Bursaries are decided by the Academic Committee. The sum usually ranges from $50–$300. In certain cases a larger amount is given but it is assumed that a student does not come into college unless he has adequate finance, so bursaries are for sharpened need only (for instance, if an expected job falls through).

Entrance Scholarship
1. A scholarship worth over $1000 and won through a short written essay followed by an academic interview is awarded each year in the two weeks following the university entrance acceptances. Normally an HSC aggregate of over 450 is needed to qualify for this, and applications must be received very soon after the acceptances are published.
2. One or more scholarships worth one term's fees are awarded if the runner(s)-up is judged to be of sufficient merit in the academic interview.

Scholarships awarded in Lent term
Scholarships ranging from over $500 to $50 encour-

agement scholarships, and usually numbering over 20, are awarded on the basis of the university examinations of the previous year and, for those who have just entered college, on HSC results. Students apply for these during the first month of term.

Andrew's Scholarships
On advice from the Academic Committee, the St Andrew's College Society awards three scholarships each valued at $500 to students who either show great promise as collegemen or who have already shown their value to the college community, usually in both academic and social/sports spheres. One of these scholarships is normally awarded to the son of an old Andrewsman.

NOTE: The sums given in the scholarships are periodically adjusted upwards in order to retain their value in times of inflation.

Fellowships
The College Fellowships normally reserved for the Senior Fellow and Vice-Principal are joined by three endowments through which senior academics reside in College.

First, the Hunter Baillie bequest gives the College Fellows in Biblical/Theological, English Language/Literature or Oriental/Polynesian fields; and second, the generosity of A. Thyne Reid brings in two memorial Fellowships commemorating two eminent University of Sydney academics: the late Professor of Greek, Professor Woodhouse, and the late Professor J. T. Wilson, who became Professor of Anatomy in the University of Cambridge after his years as Professor in Sydney.

Such bequests enrich St Andrew's College as a residential academic community and are an important way by which benefactors purposefully enhance the individual and corporate life of students, and of the College and University, for future generations.

College Trusts
Over twenty benefactions held in trust by the College Council release funds for educational purposes. These include: prizes in Law, Medicine, Engineering, Arts, Divinity and Debating; bursaries and scholarships for Collegemen as noted above; and funds for the College Chapel, for the College libraries and for students (normally resident) who are studying Divinity (normally for the Ministry of the Church).

Saint John's College

Incorporated by Act of Parliament, 21 Victoria (Dec. 15, 1857), in connection with the Roman Catholic Church. In the terms of the Act the Visitor is the Roman Catholic Archbishop of Sydney. The Corporation consists of the Rector, who must be a duly approved priest, and of eighteen Fellows, of whom six must be duly approved priests and twelve laymen. These eighteen Fellows with the Rector form the Council, in which the government of the College is vested.

Visitor
The Most Reverend Edward Bede Clancy, Archbishop of Sydney

Rector
The Very Reverend Lester G. Cashen, BA PhC, Hon MPS

Vice-Rector
The Reverend J. Hill, STL *Cath.Inst.Syd.* PhD *Greg.*

Fellows
C. Abercrombie, MB BS
N. J. Anderson, MArch DipTP BArch, FRAIA AMTPI
H. F. Benning, OBE KSG, MA DipEd
M. B. Connors, BA LLB
B. Donovan, BA LLM
The Reverend J. Esler, SM, BA LLB
The Reverend J. McInerney, SJ, BA *Melb.*
The Reverend J. McMahon, MSC, BA BLitt *Oxf.*
R. P. Meagher, QC, BA LLB
W. T. Morck, BA LLB
B. P. Morgan, MB BS, FRCS
R. J. Mulhearn, MB BS, FRACP FRCP
Most Reverend P. L. Murphy, DD *Urban Atheneum, Rome*
The Honourable Mr Justice J. H. F. Nagle, AO, BA LLB
N. A. Packham, MB BS BDS, FRACS
K. Priddis, MB BS, FRCS FRACS
The Rt Reverend Mgr P. Simms, DCL *Urban Atheneum, Rome*
The Reverend R. A. Stephens, BA

Resident tutors
J. Fernon, BA LLB—Law
J. P. Kelleghan, BA *N.S.W.*—Government
J. Phillips, BA LLB—Law

Resident students
180 in all faculties

Non-resident tutors
M. Aitkin, MBS *Massey*—Accounting
I. Atlas, BJur LLB *W.Aust.*—Law
R. Cooke, BSc—Chemistry
Nigel Douglas, BSc—Physics
G. I. Foster, BCom *Qld*—Accounting
E. A. Ormerod, BSc *N.S.W.* PhD *A.N.U.*—Mathematics
R. McEntyre, BScAgr—Biometry
In addition, tutorials are held in conjunction with other colleges. Non-resident students may attend tutorials.

Scholarships and bursaries

OPEN SCHOLARSHIPS
(Open to resident students of any faculty and awarded for general proficiency in annual university examinations.)

Dalley Scholarship
Principal, $2000. Bequeathed in 1921 by Mrs M. A. Dalley, of Ashfield, in memory of her husband, Richard Bede Dalley.

Dunne Scholarship
Principal, $2000. Established in 1884 under the will of the Very Reverend W. J. Dunne, of Hobart, Tasmania.

Lynch Scholarship
Principal, $1860. Established from funds bequeathed by Monsignor John T. Lynch in 1885.

McCarthy Scholarship
Principal, $2000. Miss McCarthy, of Leinster Hall, Darlington, bequeathed the capital in 1918 in memory of her brother, Francis J. McCarthy, MA.

O'Connell Scholarship
Principal, $2000. Collected in New South Wales on the occasion of the O'Connell centenary celebrations, 1875.

Marc Playoust Bequest
Principal, $1500. This bequest was made under the will of Rev. Marc Playoust, SJ, who for ten years was a resident tutor at the college and who died in 1973.

ENTRANCE SCHOLARSHIPS
(Open to students becoming residents of the college and entering upon their first year in any faculty and awarded for previous scholastic proficiency.)

Ellwood Scholarship
Principal, $2000. The bequest was made in 1934 by Miss Eliza Ellwood in memory of her parents John and Margaret Ellwood.

Freehill Scholarship
Principal, $2000. Founded under the will of Francis Bede Freehill, MA, student and fellow of the college, who died in 1908.

SPECIAL AWARDS
H. F. Benning Scholarship
Principal, $5000. Founded in 1980.

Blacklock Scholarship
For ex-pupils of Christian Brothers' College, Albury.

Dalley Prize
Principal, $2000. Founded under the will of Mrs M. A. Dalley in 1921 in memory of her son, John George Dalley. To be awarded annually for proficiency in any one subject of study other than a religious one.

John D'Arcy Memorial Prize for English
Founded in 1962

G. P. Dwyer Exhibition
Principal, $2000. A total bequest of George Patrick Dwyer who died in 1929.

Garry Scholarship
Principal, $2000. Founded from funds donated to the College by Mrs Garry, of Binalong, in memory of her husband, John Joseph Garry, a student of the college. Awarded to a resident student in the Faculty of Engineering. At the discretion of Council preference is given to a student from the Archdiocese of Canberra-Goulburn, if the said student is of sufficient academic merit.

Thomas Keenan Bursaries
Principal, $4000. Founded in 1925 under the will of Francis John Keenan, of Rose Bay, for the benefit of one or two, or two or more, students in the Faculties of Science or Engineering.

James Murphy Bursaries
Founded under the will of James Murphy, of Como, N.S.W., these bursaries are intended for the sons of Roman Catholic parents whose means are insufficient to enable them to study agricultural science at the University without financial assistance. Should such bursars come into residence at St John's College, the Trustee (Perpetual Trustee Co. Ltd) will pay all collegiate fees for the four years of the course to a limited number of students.

Ryan Medical Prize
Founded in 1962.

Watson Medical Scholarship
Principal, $6600. Founded under the will of Miss Ellen Maud Watson in 1938 in memory of Alexander Gunning and Ellen Maud Watson 'for the benefit of a student of medicine in St John's College'. At the discretion of Council the award is made to a student in fourth or fifth year of Medicine on the basis of results achieved in previous years of his medical course.

Saint Michael's College

St Michael's College is a men's residential college, catering for postgraduates and overseas students.

The college is the location of offices of the Newman Society attached to the Roman Catholic Church Chapel of the Resurrection.

Rector-in-Charge of House
Fr Kevin Muldoon

Chaplain to the Roman Catholic Community of the University
Rev. N. Byrne, SM, MA DipEd

Trustees
N. D. Martin, AM, MDS, FACD FAPHA FICD AIAOP
A. Reichel, MSc PhD DipEd
A. Millar, MB BS, MRACP

Further information is available from the Secretary, St Michael's College, 150 City Road, Darlington 2008 (P.O. Box 165, Chippendale 2008). Tel. 692 0382 Administration. The Chaplain's telephone number is 660 1715.

Saint Paul's College

Incorporated by Act of Parliament, 18 Victoria (1 December 1854), in connection with the Church of England. In the terms of the Act the Visitor is the Archbishop of Sydney. The Corporation consists of a warden, who must be in priest's orders, and eighteen fellows, of whom six must be in priest's orders, and the remainder laymen. The fellows, with the Warden, form the Council in which the government of the college is vested.

Visitor
The Lord Archbishop of Sydney

Warden
The Reverend A. P. B. Bennie, MA *Melb.* ThL *Aust. Coll. Theol.*

Sub-Warden
Malcolm R. Harrison, MA

Assistant Sub-Warden
John D. Booth, BA LLB

Fellows
Sir Alexis Albert, CMG VRD, BEc
R. O. Albert, BA LLB
Associate Professor K. J. Cable, MA *Camb. & Syd.*, FRAHS
The Reverend J. G. Beer, MA, MACE
The Reverend E. D. O. Crawford, BA ThL
J. F. Farrar, MB BS, FRACP
A. P. Henchman, LLB BCL MA *Oxf.*

His Honour Judge H. J. H. Henchman, QC, BA LLB
The Reverend H. C. Hollis, MusBac *Melb.* ThL
The Reverend W. J. Jobling, MA PhD
The Reverend Canon S. W. Kurrle, MA *Melb.*
J. R. F. Lehane, BA LLM
R. M. McCredie, MB BS, MRCP MRCPEd MRACP
R. A. C. Rogers, BArch, ARIBA
C. V. Salisbury, BA BEc, FRCSEd FRCOG FRACS MMSA (Chairman)
F. E. Trigg, OBE, FCA AUA AAIS (Bursar)
L. D. S. Waddy, LLB
The Reverend R. A. W. Wotton, BA

Bursar
F. E. Trigg, OBE, FCA AUA AAIS

Accountants
Touche Ross & Co.

Consulting Architects
P. B. Reed, BArch, ARIBA, of Dennis, Odling and Reed
Messrs Fowell, Mansfield, Jarvis and MacLurcan

Executive Secretary
Colleen F. Olander

Resident tutors
Chemistry
Alan F. Godfrey, BSc

Divinity
The Warden

English
The Warden
B. Spurr, MLitt *Oxf.* BA (Senior Tutor)

Law
J. K. McLaughlin, MA LLM
J. D. Booth, BA LLB
Gordon Walker, BA LLB *Otago* DipEd MLS *Adel.*

Mathematics
Nigel R. O'Brian, MA *Camb.* MSc PhD *Warw.*

Medicine
Quentin Walker, MB BS

Philosophy
Robertson Wright, BA LLB *Camb.*

Non-resident tutors
Economics
D. Miller, BEc

History
Associate Professor Kenneth J. Cable, AM, MA *Camb. & Syd.*, FRAHS

Law
Bruce I. McWilliam, LLB BEc

Medicine
Professor T. Stapleton, MA DM BCh *Oxf.* DCH *R.C.P. & S.*, FRCP FRACP

Endowments and prizes

OPEN SCHOLARSHIPS

Edward Aspinall Scholarship
Principal, $1000. Founded by Mrs Aspinall. Normally awarded to a second year student in the Faculties of Arts, Law, or Economics.

Grainger Foundation—Edwin and May Grainger Scholarships
Under the will of Edwin Grainger, of Sydney, the Council became entitled to a considerable sum of money, from the proceeds of which it has been able to offer to undergraduates a number of scholarships covering all the faculties and each year of the university course.

Kemp Scholarship
Principal, $800. Founded by Mrs C. Kemp, in memory of her husband, the Reverend C. Kemp. Normally awarded to a second year student in the Faculties of Law, Arts, or Economics.

Dr John Osborne, RN, Scholarship
Founded in 1919 by a bequest of £1000 from Mrs Kate Cunningham Moffatt, for the foundation of a scholarship or bursary for a medical student from St Paul's College.

A. E. Starkey Scholarship
Principal, $2000 (as yet not fully realised). Normally awarded to a third year student in the Faculties of Arts, Law or Economics.

Canon Stephen Scholarship
Principal, $1522. Founded by subscription in memory of Reverend Canon Alfred H. Stephen former Bursar of the college. Normally awarded to a student in first year Arts, Law, or Economics.

The value of the scholarships varies from $350 to $150 per annum.

Notes on open scholarships

(1) References in the foregoing list are for academic years.

(2) As a general rule none of the above mentioned scholarships will be awarded to a man who has not spent the previous year in college: this rule, however, does not apply to the first year or to the Organ Scholarships, and may be relaxed in respect of others at the discretion of the Council.

(3) The Council retains discretionary powers to withhold any of its scholarships, either on the grounds that there is no candidate of sufficient merit (as shown by the results of the HSC or a university examination), or for any other reason whatsoever; and to cancel or vary any scholarship or the award of any scholarship at any time.

BURTON EXHIBITION

This exhibition is awarded to a student proceeding from the King's School to St Paul's College. It is tenable for three years, the value not exceeding $100 per annum. The holder is required to produce at the end of each term a certificate of residence in College and of good conduct, signed by the Warden.

AUGUSTA PRIDDLE MEMORIAL SCHOLARSHIP

This scholarship is now awarded on the following terms:

(1) To a candidate for Holy Orders being the son of a clergyman licensed or who has been licensed in the State of New South Wales.

(2) If there be no candidate eligible under clause (1), to one who, being the son of a clergyman licensed or who has been licensed in the State of New South Wales, is preparing for some other

calling than that of Holy Orders, or in the discretion of the Council to a candidate for Holy Orders who is not eligible under clause (1).

(3) Any scholarship awarded under clause (1) shall be tenable for three years, subject to a right in the Council to withhold or withdraw the award, in whole or in part, if the candidate shall be in enjoyment of other College Scholarships amounting to $200 per annum.

(4) Any award made under clause (2) shall be tenable for one year, but may be renewed.

DWYER SCHOLARSHIP

Worth about $300 per annum. Awarded under the will of the late G. P. Dwyer to 'a student of merit' being a member of the Church of England, 'to reside in College who may not otherwise be able to do so'.

ORGAN SCHOLARSHIP

A Grainger Scholarship, value $80 is given to a selected student who plays the organ at the Chapel services and practices.

STAPLEY-EDWARDS SCHOLARSHIP

Founded by a legacy from the estate of the late A. Stapley-Edwards and gifts from his widow and father, of an annual value of about $350.

This scholarship will be awarded to a graduate of sufficient merit prepared to undertake postgraduate research in the Faculty of Medicine approved by the Council. It may at the discretion of the Council be renewed from year to year, but shall not be held for a period exceeding three years. The holder of the Scholarship will be required to reside in College during Term time, subject to the payment of the usual College fees. He must furnish a report at the end of each year, on the research done by him and be willing to perform such tutorial work as may be arranged by the Warden. Candidates for the Scholarship should lodge a written application with the Warden before 8 November, giving details of their previous academic career and of the nature of the research they propose to undertake.

WADDY AWARD

Worth $100 per annum. Awarded at the sole discretion of the Warden to assist a student temporarily financially embarrassed.

NOTE—Further particulars of all Scholarships may be had on application to the Warden at St Paul's College.

PRIZES

Asimus Medal for Oratory

A gold medal awarded to the student of the College obtaining the highest marks in the Intercollegiate Debating Competition. Made possible by a gift from Mr C.-J. Asimus.

Mitchell Prize

This prize was founded by the late Honourable James Mitchell, and is awarded to the Bachelor of Arts of the College who shall within twelve months after taking that degree, pass the best examination (if of sufficient merit) in the Doctrines and History of the Church of England.

Portus Prize

Founded by a legacy from the late Professor G. V. Portus, to be awarded on examination results in History, Economic History, or Philosophy.

Uther Prize

Founded by a legacy from the late A. H. Uther, to be awarded to the student who in his first three years of residence had distinguished himself both by his examination results and his service to the College.

Richard Druitt Prize for Medicine

This prize is the benefaction of R. C. Druitt, awarded to the best entrant from The King's School reading medicine and renewable while the recipient is resident in college. Value $50.

FOUNDATIONS FOR RESIDENT STUDENTS WHO INTEND TO TAKE HOLY ORDERS

Henry William Abbot Foundation

Principal, $2000 (in the gift of the Archbishop of Sydney)

W. C. Bundock Foundation

Principal, $4000. Founded 1924 by bequest from Mrs M. E. Murray-Prior.

G. S. Caird Foundation

Principal, $1000. Founded in 1923 by bequest from Miss Elizabeth Richardson Caird, in memory of her father.

Elizabeth Frances Parnell Foundation

Principal, $2000. Founded by Miss E. F. Parnell, of Newcastle, tenable for three years. Awarded on best pass in Matriculation or equivalent examination to a candidate coming up from Sydney Grammar School, Sydney Church of England Grammar School, the Kings School, The Armidale School, Cranbrook School, Trinity Grammar School, Barker College, All Saints' College, Bathurst, Canberra Grammar School, or such other schools, other than State schools, as the Council may from time to time determine.

Augusta Priddle Foundation

Principal, $1200, plus further endowment from the estate of the late R. G. Priddle. Founded by the late Reverend C. F. D. Priddle. (For conditions see above.)

Starling Foundation

Principal, $2200.

College Library

STRANGFORD BOOKS

In 1885 the Right Reverend Alfred Barry, Lord Bishop of Sydney and Primate of Australia, made over to the College 300 books collected by Viscount Strangford, on the understanding that they should be accessible to all members of the University. The books are for the most part concerned with Philology and Comparative Grammar, and they include many rare works on European and Asiatic languages and dialects. Any member of the University who may wish to inspect these books is invited to apply to the Warden.

GEORGE EVANS MEMORIAL

A number of theological books and an endowment fund was given by Mrs E. E. MacLaurin towards the establishment of a theological library which should be available to non-resident students.

Sancta Sophia College

(Roman Catholic College for undergraduate women and graduate men and women proceeding to a higher degree)

Incorporated by Act of Parliament, No. 45 of 1929, as amended in 1932 and 1969. In the terms of this Act, the Visitor is the Roman Catholic Archbishop of Sydney. The Corporation consists of a principal and not fewer than eighteen and not more than twenty councillors, of whom between three and five must be laymen, and nine laywomen. The Principal and councillors form the Council in which the government of the college is vested. The council may appoint one or more vice-principals.

Visitor
The Most Reverend Edward Bede Clancy Archbishop of Sydney

Principal
Sister Mary Shanahan, MA

Vice-Principal
. . . . . .

Councillors
Margaret A. C. Bermingham, MSc *N.U.I.* PhD *Lond.*
Professor Michael J. Blunt, MB BS PhD *Lond.*, Hon. FRACS LMSSA
Very Rev. Mgr I. H. Burns, STL DCL *Propaganda Coll., Rome*
Dora Bye, MB BS
The Honourable Mr Justice John Cahill, LLB
Mary Collingridge, BA DipEd
The Reverend Brian Cosgrove
The Very Reverend Henry Davis, PhD, LSS
Aline M. Fenwick, LLB *Adel.* (Chairman)
Patricia Horsley, BArch
Malcolm Irving, BCom, FASA
The Reverend Grove Johnson, DD PhL *Louvain*
Nanette Kelly, BSc MEd DipEd *Melb.*
Gwen Kennedy, MB BS
D. Owen A. Magee, BE *W.Aust.*, FIEAust. FAIM
Carmel O'Brien, BSc DipEd
Joan Pasfield, MB BS, MANZCP
Sister Mary Shanahan, MA
John Sheldon, MA *Camb.* BA

Business Manager
John A. Chapman, OAM

Senior Resident Tutor
Warrick Fletcher, BSc *Melb.*

Resident tutors
Biology
Professor Mary Bonneville, PhD *Colorado*

Biochemistry
Lamia Sharmeen, BSc *Dacca*

English
Francis M. Glynn, MA *Ohio*
Teresa Pagliaro, MA *Melb.*

French
Rodney Mather, MA *Melb.* MFA *Kansas*

Italian
Margot Watts, BA *W.Aust*

Non-resident tutors
Biology
Nigel Preston, BSc

Chemistry
Donald Radford, MSc PhD DipEd *N.E.*

Physics
John O'Byrne, BSc

Scholarships
Ranee Adams Flynn Scholarship
In 1960, by bequest of Mrs James Flynn, a sum of $2000 was received, the interest on which is to be used annually to provide a scholarship for a student who had been educated at Rose Bay Convent.

Louise de Lauret Bequest
A legacy of $2000 was left to the college by Miss Louise de Lauret in 1943 to be allocated to the Amelie Salmon Scholarship in such a way as the Council saw fit.

Angela Hepburn Memorial Prizes
In 1949 Mrs Hepburn bequeathed a sum of $1000, the interest on which is used annually to provide two prizes for students in their second year.

Margaret MacRory Memorial Scholarship
This was founded in 1932 in memory of the first principal of the College. It is tenable for three years.

Amelie Salmon Scholarship
Established by the Ex-Students' Association of the Convent of the Sacred Heart, Rose Bay, in memory of Mother Amelie Salmon, to provide a scholarship for an ex-student of the school.

Sancta Sophia Association Scholarship
Founded in 1951 by the graduates of the college.

Lady Sheldon Scholarship
In 1949 Lady Sheldon gave to the college $20 000 to establish three scholarships in perpetuity. Each scholarship is tenable for three years. These scholarships are for students of Rose Bay Convent and are known as the Mary Lilian Rex Scholarship, Dorothea Mary Lancaster Scholarship and the Marcella Mary Sheldon Scholarship.

John Toohey Memorial Scholarship
Mrs Eileen Lyons bequeathed to the college in 1964 the sum of $20 000, the income from which was to be applied to the provision of scholarships in memory of her father, the Hon. John Thomas Toohey. Conditions for the awarding of these scholarships are determined by the Council.

Wesley College

Incorporated by Act of Parliament, 1910, in connection with the Methodist Church of Australasia, since 1977 Wesley has been a college of the Uniting Church in Australia. The Corporation consists of a master (who shall be a duly ordained minister of the said church) and twenty-three councillors, of whom seven shall be ordained ministers of the same church, and sixteen laymen, of whom twelve shall be members of the said church. These councillors with the Master form the Council, in which the government of the college is vested.

Until 1968 Wesley College admitted men students only. From 1969 it has admitted both men and women students. Tutorials are arranged in those subjects where students demonstrate need for such assistance. Further particulars may be obtained from the Master, who arranges interviews with shortlisted candidates in January.

Visitor
The Moderator of the N.S.W. Synod of the Uniting Church in Australia

Master
The Reverend Dr John W. Whitehead, BA BD *Melb.* PhD *Vanderbelt*

Vice-Master
Mrs Laurel Barr, BMus DipT *Adel.*

College Chaplain
. . . . . .

Co-ordinator of Studies
Keith Suter, BA *Sus.* PhD

Bursar
Shirley Thomas

Bursar's Assistant
José Wierzbicki

Secretary
Trisha Becker

Councillors
Neville Anderson, MB BS DTM&H, FRACGP FRCGP
John C. Baker, BE (Hon. Secretary)
Cathy Bray, BA DipEd
Susan Budd, LLB
The Reverend L. W. Cliff, BA BD STM
The Reverend Kenneth K. Cornwell, BD MA DipRE *Melb.*, MACE
The Reverend G. S. Dicker, BA BD ThD
David John Garrett, BA
The Reverend David Gill, BA BD STM
The Reverend Dr William C. Ives
Ross A. Manwaring (Hon. Secretary)
The Reverend John W. McCarthy, BA BD
Hugh McCredie, LLB, FCIS AASA(Senior) (Honorary Treasurer)
James N. Pendelbury, MSc PhD DipEd
Donald Richmond
John P. Rothwell, BPharm
Audrey Somerville, BA LTh
Marie Tulip, BA
Reginald L. Walker, MB BS, MRCP
Trevor D. Wilkins, MB BS
The Reverend John S. Woodhouse, BA BD
Donald Wyllie, BArch *N.S.W.* BA, ARAIA RIBA

Scholarships
Joseph Bryant
Principal, $1600, $100 per annum. Derived by transfers from the Captain Edward Dawson Bursary.

B. H. Chapman
Principal, $1350, $60 per annum. Founded in April 1929 by the gift of the late B. H. Chapman, of 300 shares in General Industries Ltd. No special conditions.

George Patrick Dwyer Exhibition
Principal, $1500, $50 per annum. $2000 bequeathed by George Patrick Dwyer, who died on 17 July 1929. Any faculty.

Edwin and May Grainger
Principal, $30 000. Founded by the will of Edwin Grainger, dated 16 October 1928, the first moneys becoming available on the death of his widow in June 1937. The scholarships may be awarded to students in any faculty. The Council, in determining the award of scholarships, may have regard to the financial circumstances of the students, as well as their academic or examination record.

John Hunter
Principal, $2500, $120 per annum. In memory of Professor John I. Hunter, who died in London in 1924. Created by the Council in 1936. No special conditions.

Walter Kippax No. 1
Principal, $2500, $100 per annum. Founded by the Hon. W. Robson, MLC, for the Faculty of Law.

Walter Kippax No. 2
Principal $1000, $60 per annum. Derived from transfers of surplus from Walter Kippax Scholarship and Reginald Robson Scholarship. Faculty of Law.

Hamilton Mott Scholarship
Principal, $2000, $100 per annum. Founded by friends of the late Hamilton Mott, a former senior student of the college. Awarded for character, academic and sporting achievements. The scholarship shall be held once only by any student.

Newington College
$100 per annum. Founded by the Council. Tenable for three years. From Grainger Bequest Fund. Awarded for general merit, including academic attainment, success in sport, personal qualities and leadership.

Reginald N. Robson
Principal, $2500, $100 per annum. Given in 1916 by the Hon. W. Robson, MLC, and family, for the foundation of a scholarship in memory of the Reverend Reginald N. Robson, BA LLB, for classics.

Sydney Grammar School
$100 per annum. Founded by the Council. Tenable for three years. From Grainger Bequest Fund. Awarded for general merit, including academic attainment, success in sport, personal qualities and leadership.

Bursaries
Mr and Mrs F. Cull Bursaries
Principal, $38 000. Derived from gifts by Mr and Mrs F. Cull. Annual value of at least $100 each.

Captain Edward Dawson
Principal, $2500, $120 per annum. Given in 1916 by F. Cull for the foundation of a scholarship in memory of Captain Edward Dawson, who was killed in action at Gallipoli. Faculty of Arts or Science.

Loans
Robert Arthur Denning Memorial
In memory of Dr Robert Arthur Denning, a student at Wesley College from 1957 to 1962, an amount of $3000 was donated in 1966 by his parents to provide temporary loans to students, such loans to be made at the discretion of the Master. The objects and conditions of this endowment may be varied by the Council at any time with the approval of the donors.

The Women's College

Incorporated by Act 53 Vict., No. 10, 1889, and not attached to any religious denomination. In the terms of the Act the Visitor is the Chancellor of the University, or in his absence the Deputy Chancellor. The

Corporation consists of the Principal, twelve elected councillors, of whom at least four must be women, two *ex officio* councillors, nominated by the Senate of the University, the Principal, Vice-Principal, and a student resident of the College. The councillors, with the Principal, form the Council in which the government of the College is vested.

According to the present Act, the Women's College is a college within the University of Sydney and the main purposes of the Council are to provide, maintain and develop the college as a residence for such female students of the University as the Council may approve, and for related purposes; and to provide such assistance in the educational development of the residents of the college who are students of the University as the Council may decide.

In the present Act it is provided that no political or religious test shall be administered to any person to entitle that person to be admitted as or continue as a resident of the college, to hold any office related to the person's being a resident of the college or to enjoy any benefit, advantage or privilege related to the college.

Visitor
The Chancellor of the University

Principal
Val Street, BSc *N. Y. State* MSc *Oregon,* MACE

Vice-Principal
Associate Professor Margaret Sabine, MSc *Melb.* PhD *Lond.*, MASM

Deputy Vice-Principals
Rosemary Annable, MA *Camb.* DipPrehistArch *Oxf.* DipMuseumStud
Phillip O'Rourke, BA *N'cle (N.S. W.)*
Susan Whicker, BSc *Adel.*

Councillors
Marie Bashir, MB BS, FRANZCP (Chairman)
Alan W. Coates, FAII (Honorary Treasurer)
John Coombs, QC, LLB
Jane Dix, BArch MBA (Honorary Secretary)
Katherine E. Georgouras, MB BS, FACD DDM
Michael Grace, BCom *N.S. W.* MBA *Stan.*
Associate Professor Janet McCredie, MB BS, DMRD FRACR
Margaret Mulvey, MB BS, FRCOG
Jane Oakeshott (Senior Student)
Tim Peken, BA LLB
Hugh Ralston, BE (Vice-Chairman)
Lindsey Smith, BSc PhD *A.N.U.*
Professor Thomas R. Watson, MSc *N.Z.* PhD, ARACI (appointed by the Senate)
Stephanie Way, MB BS
Robyn Wines, MSc

Manager
Len Cupitt

Accountant
Wilma Forrest

Secretary
Robyn Kean

Honorary Solicitor
Timothy G. Peken, BA LLB

Librarians
Terry Heath, BA DipLib *N.S. W.*
Dawn Talbot, BA *Monash* DipLib *N.S. W.*

Senior residents
Ron Asquith, BSc
Ki Buchanan, MB BS
Richard Coyne, BArch
Andrew T. Flatau, BDS
Graeme Frazer
James Rigney, BA
Shefali Rovik, BA
Phillip O'Rourke, BA *N'cle (N.S. W.)*
Roff Smith, BA *Denison*
Sue Whicker, BSc *Adel.*

Senior student
Jane Oakeshott

Non-resident tutors
Anthropology
W. Sinclair, BA

Biology
H. Caffey, BSc

Biometry
B. McEntyre, BSc

Legal Institutions
K. Otteson, BJuris LLB *Monash* DipCrim

Pharmaceutics
E. Sainsbury, BPharm

Physiology
D. Cook

Trusts and Succession
B. Bilinsky, MA LLM

Veterinary Anatomy
V. Osborne, BVSc, MACVSc

Students enrolled as non-resident members of the college may attend tutorials.

Scholarships
Naomi Alexander Memorial Fund
In 1967 an initial grant of $1000 was received from Professor Alexander to establish a trust fund in memory of his daughter, Naomi, the income therefrom to be used, either as a prize to a deserving student or at the discretion of the Principal.

Jane Foss Barff Memorial Prize
In 1938, the sum of £50 subscribed by her friends was given to the college in memory of Mrs Jane Foss Barff, who was a member of the college Council from its inception in 1891 until her death in 1937. This gift was invested, the interest to be given as a prize to that student of the college 'who shall in the first or second year do the best work in Latin'.

Bundock Scholarships
In 1922 Miss Alice Bundock bequeathed a sum of £2000 to found a scholarship or scholarships, to be called by her family name.

Ellen Bundock Memorial Scholarship
In 1924 Mrs E. Murray-Prior bequeathed to the college £2000 upon trust, the income from which should provide a scholarship.

Lady Cohen Prize
In 1937 Sir Samuel Cohen presented to the college the sum of £100 to be invested, the interest to be given as a

prize to the college student who should do the best work in Physics I, the prize to be called in honour of his wife, the Lady Cohen Prize.

Janet Coutts Bursary
The sum of £600 was given by Mrs Janet Coutts in 1907, the interest to be from time to time applied for the assistance of meritorious students who shall have completed at least one year's residence in the College.

Matilda Susannah Curnow Scholarship
Miss Ellie Maude Curnow, who died in 1930, bequeathed by will one half-share of the residue of her estate to the Trustees of the Women's College within the University of Sydney to found a scholarship in the name of her mother Matilda Susannah Curnow.

Lucy Fairfax Memorial
A sum of £200 was presented by Miss Fairfax in 1926 as a memorial of her mother, the Lady Fairfax, to be invested, the interest on £100 to be used to purchase books for the College Library in the section of English Literature or Biography, the interest on the second hundred pounds to be given as a prize or prizes to college students distinguishing themselves in the subject of English.

Florence Fitzhardinge Prize
At the request of Mr Fitzhardinge and his family, the interest of the Florence Fitzhardinge Memorial has been set aside as a prize to be awarded to the student who distinguishes herself in the School of History at the annual examinations. In 1978 the prize was made available to undergraduate as well as postgraduate students studying in the faculty of Arts.

Grace Frazer Scholarship
In 1892 Mrs C. B. Fairfax founded a scholarship in memory of her sister. The scholarship is awarded to the best matriculant entering college each year.

Gillam Scholarship
Miss A. E. Gillam left £650 to the college for the establishment of a scholarship to be called the Gillam Scholarship.

Agnes Ada Hall Scholarship
Miss Agnes Ada Hall, formerly of Newcastle, N.S.W., who died in 1928, by will gave and bequeathed to her trustee her 1000 shares in R. Hall and Son Limited, 'upon trust to pay the dividends and income arising therefrom to the Women's College within the university grounds at Sydney, upon trust to establish therewith a scholarship to be called the Agnes Ada Hall Scholarship, such scholarship to be subject to such conditions as the governing body for the time being of the said college may think fit to formulate'.

Ann Hargrave Scholarship
Mrs Alice Paterson bequeathed to the Women's College an area of land at Coalcliff, 'In trust to apply the same in such manner as they (i.e. the trustees) shall think fit to the founding of a scholarship or exhibition for the benefit and encouragement of students at the Women's College, in the University of Sydney, such scholarship or exhibition to be named after my mother, Ann Hargrave'.

Sarah Hynes Prize for Botany
In 1938 the college received a gift under the will of Miss Sarah Hynes, of £100, to be invested and 'the income arising therefrom to be used in the purchase of an annual prize to be known as the "Sarah Hynes Prize for Botany", for the student who attains the highest marks in that science'.

Annie Lawrie Ingram
In 1972 a legacy was left to Women's College to establish a prize or bursary for a student who has made an outstanding contribution to sport.

Henry Edward Kater Memorial
Dr Laura Forster Memorial Fund
In 1926 Mrs H. E. Kater, a member of the Council from the beginning of the college, gave to the college Commonwealth bonds to the value of £1000, to establish two funds of £500 each in memory of her late husband, the Hon. H. E. Kater, and of her sister, Dr Laura Forster, to be called respectively 'The Henry Edward Kater Memorial Fund' and 'The Dr Laura Forster Memorial Fund', the interest to be used at the discretion of the Council for any purpose whatsoever for the welfare and advancement of the college.

Miss Louisa Macdonald's Gift
A gift of £100 was made to the college by Miss Louisa Macdonald, first principal of the college, the interest to be used at the discretion of the Council.

Mary Macdonald Prize
In July 1963 Mr and Mrs E. L. Macdonald of Harden, N.S.W., gave £300 to be retained and invested by the Council in such manner as it thinks fit and the income therefrom to be applied by the Council or the Principal in its or her discretion as an annual prize to a college student at the end of second or third year science, showing merit or proficiency in the subject of Biochemistry; the prize to be known as the 'Mary Macdonald Prize'. Additional $400 received 1976.

Mrs G. E. Rennie's Endowment
In 1932 Mrs G. E. Rennie presented to the college the sum of £50 for investment, the interest to be paid annually to the principal and spent at her discretion in the interests of the college.

James Rutherford Memorial Fund
An endowment fund presented by Mrs Eric Fitzhardinge, BA, in memory of her father James Rutherford of Bathurst, one of the original founders of 'Cobb and Co.' in New South Wales, and for many years sole remaining partner of the firm. The interest to be paid annually to the Principal, and spent at her discretion, either on the general purposes of the college, or by way of a prize to assist a deserving student.

Muriel Rutherford Memorial
A sum of money to be given to a student on the recommendation of the principal for the purchasing of necessary books was paid annually from 1918 to 1933 by Bruce Mackenzie in memory of his wife, Muriel Rutherford, BA MB ChM, resident in college from 1899 to 1908. In 1938 his daughter, Jean Mackenzie, presented a capital sum to the college to endow this gift in perpetuity, as a memorial to her mother.

Siri and Archara Memorial Prize
A prize established by the friends of Siri Liengjayetz (Prombooyna), BSc *Bangkok* MEd, in college from 1959 to 1961, and of Archara Viriyathai (Sivayavirojana), BSc *Bangkok* MSc, in college from 1961 to 1963, both of whom died in Bangkok in 1970. The

prize is to be awarded to an outstanding overseas student.

Skyring Sholarship
A bequest received from the estate of the late Dr D. U. Skyring, the interest to be used for scholarships for medical students. The scholarship was first awarded in 1960.

Waddy Award
In 1967 Dr R. G. Waddy arranged for the income from certain investments to be received by the college to be used at the discretion of the principal for a deserving student.

Hon J. T. Walker Bequest
A bequest of £100 was left to the Women's College by the late Hon. J. T. Walker. The interest is used for the purchase of books for the library.

Marie Wallis Memorial Prize for German
A prize of books presented by the former students of 'Ascham' to be awarded annually to the second year student who does best in the German honours examination.

Estate of the Late Lorna G. Webb
In 1974 a bequest of $20 000 was received by the Women's College, the interest from which is to be used for scholarships at the discretion of the principal.

Women's College Scholarship Fund
The interest used to provide scholarships on the basis of merit at the Council's discretion.

Note
Further information on all matters connected with the college is contained in a brochure for students, copies of which may be obtained from the Principal.

Halls of residence

International House

International House is a hall of residence and programme centre within the university grounds.

The House opened in 1967 following a public appeal organised by the Rotary Clubs of Districts 268 and 275, and grants from the federal and N.S.W. state governments.

Three wings accommodate 185 men and women, half from overseas. Postgraduate and undergraduate students are accommodated. Overseas residents have come from over 60 different countries. There is a high demand for residential places. Accommodation is in well-furnished single study/bedrooms. Self-service schemes operate to keep fees at the lowest possible level. Full board and lodging costs $62 per week in a shared room, $82 per week in a single study/bedroom, and $110 per week in a large single study/bedroom with private bathroom.

The house offers a wide range of facilities— cafeteria, T.V. and games room, a common room and music room, as well as an ongoing programme of social, cultural and academic activities—dances, film shows, talks, seminars.

Bursaries are offered to overseas and Australian undergraduate students and postgraduates who would be unable to live in the House without financial assistance. These are currently valued at $15 per week as a deduction from full board and lodging fees.

Further information is available by writing to the Director, International House, 96 City Road, Chippendale, N.S.W. 2008, to whom application for membership should be made.

The Council of International House is appointed by the Senate and is responsible for policy.

Director
Graeme E. de Graaff, MA *Melb.* BPhil *Oxf.*

Deputy Director
Roger W. Wescombe, BA MEd

Assistant Director
Julie Arnold, MB BS BSc (Med)

Councillors
Dr G. C. T. Burfitt-Williams
Dr Christiana Campbell
John C. Carrick

Denis Cowdroy
Alex T. Dix
Brian E. Farmer
Professor Hans C. Freeman
Dr J. Gascoigne
Ian G. Hudson, AM (Deputy Chairman)
Doreen M. Langley, MBE
George B. Lean
Professor Michael G. Taylor (Deputy Vice-Chancellor)
Sir Harold Wyndham

Council members ex officio
The Chancellor
The Vice-Chancellor and Principal, Professor J. M. Ward
The Deputy Chancellor, The Honourable Mr Justice D. M. Selby (Chairman)
The Director of International House, Mr Graeme E. de Graaff
The Deputy Director of International House, Mr Roger W. Wescombe, BA MEd
The Chairman, Members' Association, Mr Charles Latimer
The Secretary, Members' Association, Ms Martha Finnemore

Scholarship
Michael H. Rathgeber Scholarship
Details of the Michael H. Rathgeber Scholarship are given under University Bursaries in the *Sources of Financial Assistance to Students* section above in this part of the Calendar.

Nepean Hall

Since 1959 the University has provided limited accommodation for students at the Camden Farms. During 1964 additional accommodation was completed, so that the whole of final year Veterinary Science could be accommodated for the entire year, as well as some students from the Department of Animal Husbandry and the Faculty of Agriculture.

In 1964 the Senate resolved that the accommodation for students at the Camden Farms be a Hall of Residence and be known as Nepean Hall. The management of the Hall is vested in a Council, consisting of:

(a) The Vice-Chancellor, the Bursar and the Registrar, *ex officio*;
(b) The Director of the University Farms;
(c) The Warden of the Hall;
(d) The Dean of the Faculty of Veterinary Science;
(e) Dean of the Faculty of Agriculture;
(f) One student elected annually by and from students in residence in Nepean Hall who are candidates for a degree or diploma in the Faculty of Agriculture;
(g) One student elected annually by and from students in residence in Nepean Hall who are candidates for a degree or diploma in the Faculty of Veterinary Science;
(h) Up to two persons appointed by the Senate on the recommendation of the Dean of the Faculty of Veterinary Science to hold office for three years from 1 January following their appointment.

WARDEN: Elizabeth A. Laing, MVSc

W. A. Selle House

W. A. Selle House is the name given to a series of converted double-storeyed terrace houses immediately adjacent to the Mackie Building in Arundel Street, Forest Lodge. The House was named after a former Registrar, W. A. Selle, who held office from 1924 to 1946.

The concept of housing students in this way was modelled on similar accommodation in the Universities of Leeds and Edinburgh. Accommodation is provided for male and female students in study bedrooms. Separate house kitchens provide communal cooking facilities. Scholarship is encouraged in a friendly informal atmosphere, supporting a community sympathetic to the needs and life of the student. Residents stand to gain an appreciation of the many facets of university life and education, and an understanding of the problems students face in their quest for knowledge and academic fulfilment.

Management of the House is vested in a council consisting of: the Vice-Chancellor and Principal; the Bursar and the Warden (all ex officio); two members appointed annually by the Senate; and three residents (also elected on an annual basis).

WARDEN: Christine Prendagast

University organisations

University of Sydney Union

The University of Sydney Union was formed in 1972 when Sydney University Union and Sydney University Women's Union amalgamated.

Sydney University Union, which was the oldest of university societies, had been founded in 1874 as a debating society and re-established on a wider basis by enactment of the Senate in 1911. In 1913 the Union building (now known as the Holme Building), providing club facilities for men members of the University, was constructed by the University out of funds largely provided by the Challis bequest. Later years saw a number of major developments and extensions to the building.

Sydney University Women's Union had been established in 1914, its beginning dating back to the early 1890s when the Sydney University Women's Association and later the Women's Undergraduate Association were formed. Manning House, named in honour of Sir William Manning, Chancellor of the University from 1878 to 1895, who had instigated the legislation admitting women to the University with privileges equal to those enjoyed by men, was opened in 1917. Further extensions were made in 1940 and 1963.

In 1968 the Boards of Directors of the then two Unions recognised that the Union and the Women's Union observed virtually no segregation in their services. They believed that the separate administration of both Unions, then being made more complex by the size of their joint obligations, was no longer the most suitable way of serving the interests of members and resolved that amalgamation of the two Unions was desirable. This culminated in the amalgamation of the two bodies on 1 January 1972.

The University of Sydney Union is now constituted to provide a common meeting ground for members of the University and among other things to provide dining and refreshment services and amenities, social, cultural and recreational facilities and generally to promote the intellectual, cultural and social development of members within the University.

The formation of the new Union coincided with the completion of the Wentworth Building, the first stage of a large union complex in City Road.

All three major buildings, the Wentworth Building, the Holme Building in Science Road and Manning House in Manning Road, have extensive dining, games and common rooms and provide a common meeting ground for members. The numerous services and facilities, including banks, building society, shops, hairdressers, travel agency, pharmacy, dentist, etc., make it largely unnecessary for members to leave the University for their needs whilst the Union Theatre provides for their entertainment.

The Union has established a Child Care Centre within the grounds, and in early 1981 opened Laurel Tree House for infant care on the nearby Glebe Estate. Outside common rooms and refreshment services are maintained at the Law School, the Dental Hospital, the teaching hospitals and the University Farms.

The Union Recorder, containing news, features and reviews, is published fortnightly each term, and the Daily Bull, a programme of events, is distributed daily. A community radio station, 2-RSR, broadcasts from the Union's FM radio studio in the Wentworth Building, and is open to student participation.

The Union is a self-governing body, the control being vested in the President who is elected by the members, and board of fourteen directors, two of whom are appointed by the Senate and twelve elected by the members.

Membership is compulsory for all students proceeding towards a university degree. New members pay an entrance fee ($40) and all members pay an annual subscription ($98 in 1984). Information about life membership may be obtained by calling at the Secretary's office on Level 5 of Wentworth Building, or ringing 660 1355, ext. 226.

Board of Directors 1983–84

President
Judith Whelan

Elected directors
Henry Woo
Jude Bunbury
Daniel Luscombe
Patrick Fair
Phillip Sakoua
Tony Sara
Joseph McGirr
Susan Plimsoll
Paul Wormell
Mark Stapleton
Kathleen Plimsoll
Allaster Cox

Directors appointed by the Senate (for 1983–4)
John J. Ashley, PhD *Calif.* MSc, MPS
Mr Bohdan Bilinsky, MA LLM

Secretary/General Manager
Marian Diesner, DipEnvStud *Macq.* BSc MSc(Arch), AFAIM

Students' Representative Council

The Students' Representative Council (SRC) consists of representatives of the undergraduates of the University, officers, and several *ex-officio* members.

The President and Representatives are elected in Trinity Term each year. At its first meeting after taking office on 1 September, the new Council elects the Executive and officers.

A compulsory SRC fee of $18.00 is levied on each student annually. All undergraduates, together with students enrolled for the Diploma of Education, subscribe to the SRC, and the fee includes membership of the relevant faculty society and the subscription to the SRC's publication *Honi Soit*, the student newspaper.

The President is the chief executive officer of the Council, which meets at least once a month during term. All meetings are open. Any student may participate in the policy-making of the SRC through its various open committees. The Council may refer important questions to general meetings of the student body. A general meeting may also be called by petition to the President.

The SRC has two main functions: it represents students, both individually and collectively, to the University and other authorities; and it provides services.

In the representative function of the SRC, its officers assist individual students in approaching the University with problems, prepare submissions, and meet regularly with University administrators to put the student point of view. Recent concerns of the SRC have included student allowances, university teaching standards, student participation in university government, assessment, curriculum and the overseas students' charge. The SRC also assists in organising the orientation period for new students and publishes the Orientation Handbook and Counter Course Handbook during that period.

In its direct welfare role, the SRC provides a free legal aid service, staffed by a solicitor, and employs a welfare/research officer, who as well as doing research work for the SRC advises and counsels students seeking assistance. The SRC runs a Bursary and Assistance Fund to provide financial assistance for needy students, and a secondhand book exchange, located on Level 5 of the Wentworth Building.

The SRC Offices are on Level One of the Wentworth Building. Telephone 660 5051. The president in 1983–84 is Belinda Neal.

Sydney University Postgraduate Representative Association

The Sydney University Postgraduate Representative Association (SUPRA) represents the interests of all full and part-time higher degree and diploma students at the University. It seeks to do this on a number of fronts:

1. by seeking to draw postgraduates together in order to present a coherent and representative position using its Departmental Representative system.
2. By ensuring the representation of postgraduate views within the university:
   (a) by direct representation on university governing bodies eg: the Senate and the Academic Board;
   (b) by meeting with members of Senate on the Senate-SUPRA Liaison Committee;
   (c) by regular consultation with the Vice-Chancellor and representation on special committees being formed by the Vice-Chancellor to:
   — advise Ms G. Poiner, the Research Fellow appointed to research the position of women at the University of Sydney;
   — examine the structure of postgraduate studies at the University of Sydney;
   (d) by regular liaison with academic and non-academic staff associations (SAUT and H&REA), SRC and the women employees association (AWEUS).

At the national level, SUPRA is a founding member of the Council of Australian Postgraduate Associations (CAPA). CAPA represents postgraduate concerns nationally with submissions to, and lobbying of, federal government, with submissions to, and representations at the Academic Salaries Tribunal, and by liaising with FAUSA, ATF, FCA, AUS and other national education federations and unions. Within the state, the N.S.W. Regional Committee of CAPA seeks to influence state government decisions and local issues. SUPRA itself has regular contact with the Department of Education on matters relating to postgraduate affairs.

SUPRA, which represents all higher degree students (except DipEd), has departmental representatives who meet monthly, and an executive and council are elected annually from all members at the Lent term annual general meeting.

Council meetings are held monthly and are open to all postgraduates. A full-time organiser/researcher and a full-time office manager/typist are employed. SUPRA produces a regular newsletter and a monthly news-sheet, and arranges social and educational functions for postgraduates. SUPRA has become increasingly involved in safeguarding the interests of postgraduates in issues such as part-time teaching, childcare, insurance and healthcare. It is also concerned about the special problems that face women and overseas students.

The Association provides a photocopying service to allow members to have their theses and major essays copied at cost. SUPRA provides information on other aspects of thesis production (typists, typewriter hire, illustrations and binding) as well as producing a Thesis Writing Booklet and organising a Thesis Writing Workshop. SUPRA conducts annual symposia for honours students intending to take a higher degree, and has produced a Postgraduate Resources Handbook.

Membership is compulsory for all higher degree students except those taking the Diploma of Education and those who are members of the university staff. The fee in 1984 is $20.00.

SUPRA maintains an office open from 9 am to 1 pm and from 2 pm to 5 pm, Monday to Friday, in the old rowing hut (D11). The phone number is 692 3715. Mail should be sent to SUPRA, Box 62, Holme Building, A09.

Officer-bearers 1983–84 (new elections will be held in Lent term 1984)

Executive
President
Wendy Brady

Secretary
Julie Plummer

Treasurer
Adam Farrar

Other Executive members
Elizabeth Pinder, Beau Anderson

Co-opted Executive members
Benjamin Thorn, Gillian Eckert, Helen Nichol

Council
Members with Special Responsibility
Tania Konecny, Jan Wilson, David Liddy, Gillian Eckert

Other Council members
Helen Nichol, Greg Mahony, Katherine Ingram, Benjamin Thorn, Marguerite Bunce, Phil Barker, Louis Taborda

Co-opted Council member
Matthew Auckett

Organiser/Researcher
Victoria Gollan

Project Officer
Vivien Colless

Office Manager/Typist
Jane Grimbeek

Sydney University Sports Union

The Sports Union controls over thirty affiliated clubs, namely, Amateur Rugby League, Athletics, Australian National Football, Badminton, Baseball, Basketball, Boat, Boxing, Bushwalking, Canoeing, Cricket, Fencing, Football (Rugby Union), Golf, Gymnastics, Hockey, Judo, Lawn Tennis, Mountaineering and Orienteering, Oyama Karate, Rifle, Sailboarding, Sailing, Ski, Soccer, Speleological Society, Squash, Surf Riding, Swimming, Table Tennis, Tae Kwon Do, Underwater, Volleyball, Water Polo, and Weight Lifting and Power Lifting.

Every undergraduate male student becomes a member of the Sports Union by paying the prescribed fee at the commencement of the academic year.

Each Club and the SRC elect two delegates, who, together with the office bearers listed below, comprise the General Committee, which is the governing body of the Sports Union. The Management Committee, which meets more frequently, is responsible to the General Committee for the management and proper control of all Sports Union affairs and finances. The Buildings and Grounds Committee is responsible for all matters of policy concerning the grounds, playing fields, and facilities under the control of the Sports Union.

Facilities available to members of the Sports Union include two University Ovals, St Paul's College Oval and St John's College Oval, eight grass tennis courts, two synthetic grass tennis courts, an outdoor basketball/netball court, nine squash courts, a rifle clubhouse at Long Bay Rifle Range, a ski hut at Thredbo, a sports hall, gymnasium and martial arts area, a rowing shed at Linley Point, Lane Cove, a 50 metre heated, enclosed swimming pool, circuit training room, a sports store and licensed club rooms in the Bruce Williams Pavilion at No. 1 University Oval.

Individual sporting performances of an outstanding nature are recognised by the Blues Committee of the Sports Union by the award of a Blue for the sport concerned. A prerequisite for the award of a Blue is participation in an Inter-Varsity contest. These contests are conducted each year in the various University cities.

Interfaculty competitions are conducted in twenty sports.

Members of the Sports Union are eligible without further subscription to join any affiliated Club, and are regarded as members of such Club by participating in its activities. The subscription to the Sports Union in 1984 is $56.00.

For further information the Secretary should be contacted.

Office-bearers

Patron
The Chancellor, Sir Hermann Black, Hon.DLitt *N'cle N.S.W.* MEc, FCIS

President
John P. Kean, BEc

Vice-Presidents
J. Clune
A. Gidley-Baird, BSc *A.N.U.* PhD
L. Morton BA PhD

Chairman of the Buildings and Grounds Committee
John Spence, BA LLB

Senate Representatives
D. J. H. Cockayne, MSc *Melb.* DPhil *Oxf.*
Douglas Maclennan, BSc
Professor Noel D. Martin, AM, MDS, FACD FRACDS FICD FAPHA AIAOP

Honorary Treasurer
M. Cunningham

Student members of the Management Committee
Alec Cameron
Michael Counsel
Andrew Leicester
Michael Pain
John Watson

Secretary
Roy Pearson

Sydney University Women's Sports Association

The Sydney University Women's Sports Association was formed in 1910 to encourage, develop and govern amateur sport and physical recreation for women within the University. It provides and maintains grounds, playing fields, sporting equipment and other facilities for women's sport and allocates funds to cover the running expenses of its Constituent Clubs.

Membership of the Association is compulsory for all women students, the annual subscription in 1984 being $56.00.

All members are entitled to join any affiliated Club of the Association without further subscription. These Clubs are: Athletics, Badminton, Basketball, Boardsailing, Canoeing, Cricket, Fencing, Hockey, Judo, Netball, Rowing, Sailing, Ski, Softball, Soccer, Squash Racquets, Swimming, Table Tennis, Tennis, Underwater, Volleyball and Water Polo.

Physical recreation classes are arranged each term and as far as possible are offered at beginners' and advanced levels. The cost of employing instructors for these classes is subsidised so that members are able to attend one class per week for $5.00 to $8.00 per term. Classes include Archery, Fencing, Golf, Gymnastics, Classical Ballet, Jazz Ballet, Keep Fit, Self-defence, Squash, Tai Chi, Tennis, Trampoline and Yoga. Details of the programme are contained in a special brochure available at the Enrolment Office at the Sports Centre. Fees must be paid on enrolment for the classes and a student card or membership card must be presented.

The Association is governed by the General Committee which comprises the Office-bearers listed below, together with five elected representatives and two representatives appointed by each Club. The Management Committee, which meets more frequently, is responsible to the General Committee for the manage-

ment and proper control of all Sports Association affairs and finance.

Individual sporting performances of an outstanding nature are recognised by the Blues Committee of the Sports Association by the award of a Blue for the sport concerned. A prerequisite for the award of a Blue is participation in an Inter-Varsity contest. These contests are held annually in the various University cities.

Intramural competitions are conducted each year in most sports.

The facilities available to the members of the Sports Association include a sports field, three all-weather tennis courts, an indoor sports centre containing squash courts, gymnasia, and table tennis room, and a ski lodge at Thredbo.

Office-bearers 1983-84

Patroness
Barbara Munro, BArch

President
Cecilia Wilson, BEd BEc

Vice-President
Carol Mills, BA BEc

Executive Member
Sue Jackson

Honorary Treasurer
Andrea de Wit

Senate Representatives
Margaret Killin, BS *Texas* MA *Mich.*
Sue Pratt, BA DipEd

Director
Patricia Sharp, DipACPE *Aust.Coll.Phys.Ed.*

Chancellor's Committee

The Chancellor's Committee is a voluntary body raising funds for projects of university-wide significance for which finance is unavailable from other sources of university income. It offers for Senate approval a wide variety of projects, which it undertakes to finance. Through activities such as guided tours of the University, the marketing of a commemorative pendant, a silver plate, and glasses, coasters and place mats embossed with the university coat of arms, a collotype of the Great Hall and Botany Lawn, catering services for conferences, and records, and many others, it has raised far in excess of $100 000 to date.

It has financed, for example, carillon scholarships, carvings on shields of the Great Tower, lighting for the Ante Room of the Great Hall, carpeting of the display area of Macleay Museum, pianos for students at Camden, and in the Clavier Room; and it has supported the Peter Haylen Trust Fund, and the furnishing of a staff room at Camden . . . to name but a few projects, with more in train.

The support of all staff and students of the University, and of their friends and relatives, is invited. New members who are prepared to give of their time in active personal support are always welcome.

Enquiries may be directed to the Executive of the Chancellor's Committee, care of the University of Sydney, N.S.W. 2006.

Donations to the Chancellor's Committee, which are tax-deductible, may be sent to the treasurer of the committee at the University. Cheques should be made payable to the University of Sydney (Chancellor's Committee).

Executive 1983
Patron
Sir Hermann Black

Chairman
Dr L. C. D. Kemp

Deputy Chairmen
Mr H. F. Benning
Dr K. Georgouras
Mr S. B. M. Harrison
Mrs K. O'Neil

Honorary Secretary
Mrs H. Pushee

Honorary Assistant Secretary
Mrs V. Walker

Honorary Treasurer
Mr M. Bannigan

University & Schools Club

The University Club was founded on 27 March 1905, with leased premises in Castlereagh Street, Sydney, from which it moved to its own building at 70 Phillip Street in 1930.

On 23 June 1977 the University Club merged with the Schools' Club Limited and is now officially titled the University & Schools Club, as a result of which the qualifications for entry have been altered.

Membership has been broadened to include female graduates and undergraduates of approved universities together with former students of those schools, male and female, which are members of the Headmasters or Headmistresses Conference. Candidates for membership must be nominated by two members of the Club and provide the names of two other members to act as referees.

The joining fee for members over 25 years of age is $30.00. All members are classified in various age groups and categories and subscriptions charged accordingly, details being available on application to the Secretary (27 1323).

The Club enjoys reciprocity with 37 clubs of similar standing throughout Australia and the world.

Office-bearers

President
R. M. Blanshard, AASA ASIA

Vice-President
R. I. Nicholl, LLB

Committee
F. M. Buckle, ASIA
R. W. Deane-Butcher, BA *N.S.W.*
A. M. Graham, BCom LLB *N.S.W.*
D. J. Irons, DipME *N.S.W.*, GradIAAust AAIM
R. D. King, FCA
Miss R. Major, BA
Miss L. P. McFee, LLB
R. K. Milne, BSc(Econ) *Brist*, ACA
K. K. Palmer, AssSocEng
T. G. Peken, BA LLB
I. Roberts, BA LLB
I. R. Stevenson, BE BSc, FIEAust MIEE

Secretary
R. C. Racine, FCIA

Australian Federation of University Women—N.S.W.

(Formerly the N.S.W. Association of University Women Graduates)

The N.S.W. association exists (1) to co-operate through the Australian Federation of University Women, with the International Federation of University Women which exists for the promotion of understanding and friendship between the university women of the nations of the world, irrespective of their race, religion, or political opinions, and (2) to further such interests as university women in N.S.W. have in common and to encourage women graduates to take an active interest in the universities in N.S.W. All women who have graduated or who are qualified to graduate from approved universities are eligible for membership.

The annual subscription is $20.00 and the financial year begins on 1 July.

The Association has an office at Room 919 Challis House, Martin Place, Sydney (tel. 232 5629). Hours are 10.30 am—12.30 pm Monday to Friday. Further information may also be obtained from the Honorary Secretary, Miss J. Knox (tel. 660 7781).

Office bearers 1983–84
President
B. Stoddard, BSc
Vice-President
M. Kane, BCom *N.S.W.*, MBA *N'cle (N.S.W.)*
Honorary Secretary
P. Barraclough, BA
Honorary Treasurer
A. Whitley, MBE, BSc PhD, FACE

Sydney University Settlement

The Sydney University Settlement was founded in 1891. It is a neighbourhood centre with its headquarters in a large hall and several adjoining cottages in Edward Street, Chippendale. It is the only body which attempts to bring the University into closer relationship with the poorer and congested areas which surround it. The Settlement provides a range of services to the Chippendale community. These include holiday and after-school care programmes for children, a drop-in information and referral service, a low cost accommodation housing project, a remedial reading project, and a variety of community arts activities, such as community dances, film nights, disco nights and an annual street festival. Visits and outings to places of interest are organised to broaden the horizons of local people and during school holidays an 'Adventure Playground' and craft workshops are supervised for the local children. The Settlement is also open four nights a week as a drop-in centre for local teenagers.

The Settlement is managed by an annually elected executive committee, made up mostly of local residents and volunteers.

It is supported by university people, members of the staff and their wives, graduates and a large number of their friends. Local residents are actively involved in the planning of Settlement activities.

The operations of the Settlement are financed by grants from local, state and federal governments, statutory and voluntary organisations and trusts, fund-raising activities by the Sydney University Settlement Ladies Auxiliary Committee, and subscriptions and donations.

The staff includes two full-time and two part-time community workers and a part-time secretary. They are always in need of voluntary workers including undergraduates.

The Settlement is also actively involved in community development within the South Sydney area in addition to its numerous community centre activities in Chippendale.

The address of the Sydney University Settlement is 17 Edward Street, Chippendale 2008, telephone 698 3087. Contact may be made in the first instance with Judith French, secretary.

Office-bearers
Patron
The Chancellor, Sir Hermann Black, HonDLitt *N'cle* MEc, FCIS

Honorary Life Presidents
H. F. Benning, OBE, MA DipEd
Mrs Roma Dulhunty
Mrs Bertha Lazarus
Lady Roberts
The Reverend Norman C. Webb, MA *Camb.*
Lady Roma Williams

President and Executive Committee Chairperson
Jane Lanyon

Vice-Presidents
Bev Hunter
Fred Turvey

Honorary Secretaries
Terry Hill
Rosemary Stack

Honorary Treasurer
Jim Young

Executive Members
Dave Burns, Flo Collis-George, Karine Shellshear, Darrell Thorne, Cath Tyler, Ray Welsh, Paul Worstead

Community Workers
Michael Adams, Rose Costelloe, Judith French

Sydney University Regiment

Founded in 1900 by members of the teaching staff of the University, the Sydney University Regiment is today organised along the lines of an infantry battalion with the aim of providing military training for undergraduates including officer training for selected members. It is one of the oldest units of the Australian Army.

The Regiment comprises:

(a) Regimental Headquarters (including the Intelligence Section).
(b) Headquarters Company, which includes a Medical Platoon, the Pipes and Drums Band, the Quartermaster's Platoon, a Transport Platoon, a Signals Platoon, a Mortar Platoon and an Assault Pioneer Platoon.
(c) A Rifle Company.
(d) A Recruit Company, in which new recruits receive their basic training.
(e) A Training Company, in which potential NCOs and officers are trained.

(f) New England University Company with members drawn from the University of New England, Armidale.
(g) Australian National University Company with members drawn from the Australian National University, Canberra.

Sydney elements of the Regiment are located in City Road, opposite Carillon Avenue. All students are welcome to call and inspect the depot, or make enquiries of the cadre staff.

The training obligation for members consists of a three-week annual camp during January in the summer vacation, plus a number of weekend activities and monthly Wednesday night training parades. All training is programmed to give members maximum time to devote to their tertiary studies. Pay is available for activities; clothing and equipment issues are free. A fourteen day camp is held during the December vacation, where courses are run for specialists such as drivers, mortarmen, signallers, intelligence, cooks and clerks. Junior Leader courses for promotion qualifications are also held in the December vacation. In addition the Regiment runs courses in the May and August vacations. Courses at Army Schools are open to members of the Regiment and many have attended to date.

Members are paid for all training carried out. Rates vary from $31.45 a day for a qualified private to $65.35 a day for a major, all of which is tax free. Members are paid in cash at the conclusion of each camp and by cheque quarterly.

The Regiment is open to women as well as men and they are employed in intelligence, signals, transport, clerical, catering and pay tasks. Women may qualify for commissioning in SUR.

All officers and non-commissioned officers wear distinctive black and red badges of rank indicating the Regiment's affiliation with the Royal Green Jackets Regiment of the British Army.

For further information call into the depot or phone on either 519 6716 or 519 6718.

Key appointments
Commanding Officer
Lieutenant Colonel R. F. Windeyer

Second-in-Command
Major M. J. Neil

Adjutant (ARA)
Captain A. S. Hollings

Quartermaster (ARA)
Captain L. F. McIntosh

Regimental Sergeant Major (ARA)
Warrant Officer Class One A. J. Ross

Department of Adult Education

THE UNIVERSITY OF SYDNEY BOARD OF ADULT EDUCATION

Secretary
The Acting Director of the Department of Adult Education

Aims of the Board
The Board was established in 1977 to continue and develop the work previously carried on by the University's Joint Committee for Tutorial Classes and Extension Board. Its chief aim is to arrange educational activities for adults in Sydney and other areas of New South Wales thus making a university contribution, in fields of study considered appropriate to university treatment, to the total provision of adult education in the State.

Some of the activities are offered to the general public, for participation of those members of the public who are interested, and others are arranged for particular groups or organisations within the community.

Class programmes
Various programmes of classes are arranged by the Department of Adult Education: the Continuing Education Programme, and those referred to as special activities. Admission to these classes is open to any member of the general public, and no prior educational qualifications are required. The teaching is intended, in most cases, to be suitable for people without extensive previous education.

Two main programmes of classes are offered, the Autumn Programme beginning in March and the Spring Programme beginning in September. In the metropolitan area the Autumn Programme provides some intensive courses, which continue for 27 weeks, and other 27-meeting, 18-meeting and 9-meeting courses, while the Spring Programme comprises mainly 9-meeting courses. A popular innovation has been the weekend courses, some held in the country in surroundings fitted to the subject being taught.

In intensive courses, which often continue for three years, students are required to undertake prescribed reading and written work.

Syllabi for the tutorial class programmes may be obtained from the Department of Adult Education. Enquiries about the possibility of arranging tutorial classes in particular areas or on particular topics may be directed to the department. Almost a hundred

classes are arranged in the metropolitan area and elsewhere each year.

The fee for courses varies with the length of the course, averaging about $3.00 per lecture.

Discussion group courses

The department offers discussion courses for the use of people who wish to undertake group study. Groups generally meet in members' homes and sets of duplicated lectures are mailed to the group secretaries. Book boxes are supplied by the Library of New South Wales. A corresponding tutor is appointed to advise each group and reports of meetings are sent to the tutor for comment and advice. Arrangements may be made for the tutor to visit the group during the course.

About 250 groups are currently engaged in courses, a third of these being in country districts. A choice of about 150 courses is available. The courses vary in length, being usually between 6 and 12 lectures. The fee for courses is $3.00 per member per lecture plus $20.00 registration fee per group.

Enquiries should be addressed to the Secretary for discussion groups, Department of Adult Education.

Extension lectures

The department is prepared to receive and consider applications for single lectures or series of University Extension lectures to be delivered in Sydney or any suburb of Sydney or any country town in New South Wales.

Applications may be made by public institutions such as schools, Parents and Citizens' Associations or local government bodies or by bodies such as Rotary Clubs or Chambers of Commerce or by committees specially formed for the purpose. They should be addressed to the Acting Director, Department of Adult Education.

The charge payable to the department by the sponsoring organisation varies according to whether the lecture is to be open or closed. An open lecture is one to which the public is admitted, and the fee for this is at present $16.00. The department will meet the travelling expenses of the lecturer, but accommodation expenses are the responsibility of the sponsoring body. For a closed lecture, where the subject is likely to appeal only to a limited audience or where admittance is restricted, such as to members of the sponsoring body or an associated group, the charge is higher and is adjusted by agreement, being usually required to defray the fee paid to the lecturer and all other expenses, including travelling expenses.

Each lecture will be at least fifty minutes' duration; and at the close, time must be allowed for the answering of questions and discussion. No request should be made for an extension lecture unless these conditions can be met.

Activities for particular groups

Educational activities for particular groups may take various forms: for example, lecture or seminar courses, residential or non-residential schools of varying lengths, conferences. They are often arranged in conjunction with organisations representing the interest groups concerned. Enquiries about the possibility of arranging activities to meet the requirements of a particular organisation or group should be made to the Acting Director, Department of Adult Education.

Current Affairs Bulletin

As one of its offerings in general adult education, the department publishes *Current Affairs Bulletin*, a monthly 32-page journal comprising articles giving an in-depth treatment of topical issues in Australia and overseas. The cost of a year's mail subscription is $19 with reduced rates for additional copies. Subscriptions should be sent to the Secretary, Current Affairs Bulletin, Department of Adult Education.

Educational radio broadcasting

The department makes use of the opportunity for radio broadcasting provided by the Sydney educational radio station, 2 SER-FM. About two hours of programmes produced by the department are transmitted weekly, including, at times, recordings of addresses given at public lectures and conferences. Tapes of these programmes are also made available to educational radio stations in other parts of New South Wales and other states.

Schools and conferences

The department is willing to arrange residential and non-residential schools or conferences on questions or topics related to university subjects or topical issues within its 'special activities' programme. Enquiries should be directed to the Acting Director, Department of Adult Education.

Experimental projects

The department has an on-going commitment to exploratory projects in the field of adult education for Aborigines, and is prepared to consider proposals for experimental or exploratory projects in other areas of adult education.

Courses of study

NOTE
Courses and arrangements for courses, including staff allocated, as stated in the Calendar or any other publication, announcement or advice of the University, are an expression of intent only and are not to be taken as a firm offer or undertaking. The University reserves the right to discontinue or vary such courses, arrangements or staff allocations at any time without notice.

Faculty of Agriculture	**535**
Faculty of Architecture	**542**
Faculty of Arts	**564**
Faculty of Dentistry	**588**
Board of Studies in Divinity	**593**
Faculty of Economics	**594**
Board of Studies in Education	**609**
Faculty of Engineering	**610**
Faculty of Law	**622**
Faculty of Medicine	**624**
Board of Studies in Music	**629**
Faculty of Science	**630**
Board of Studies in Social Work	**648**
Faculty of Veterinary Science	**650**

Faculty of Agriculture

Agricultural Chemistry I

A course of 80 lectures and 135 hours' practical given to second year Agriculture students in the Agriculture IIA stream. The lecture course includes three main sections: physical chemistry and instrumental methods related to a proper understanding of biological sciences; organic chemistry covering the basic properties of naturally occurring molecules and those synthetic materials frequently used in agricultural practice; and a biochemistry course including general biochemical methodology and the basic metabolism of plants, animals and micro-organisms. Practical classes introduce basic techniques in Agricultural Chemistry. Experiments illustrate the principles of standard analytical methods and provide a better understanding of the lecture section of the course.

Agricultural Chemistry (Animal Husbandry)

A course of 80 lectures and 80 hours' practical given to second year Agriculture students in the Agriculture IIC stream. The lecture course is the same as for Agricultural Chemistry I. Practical classes include practical exercises and demonstrations to illustrate the lecture section of the course.

Agricultural Chemistry II

A course of 72 lectures and 170 hours' practical given to third year Agriculture students in the Agriculture IIIA3 stream. The lecture course includes material on photosynthesis; the biosynthesis of primary and secondary metabolites in plants; the metabolism of plant and soil nutrients, nitrification and denitrification, nitrogen fixation; the biochemistry of storage, transfer and expression of genetic information, protein synthesis, genetic control; enzymology; control and regulation in metabolic pathways; the biochemical mode of action of herbicides and pesticides; plant secondary products of importance to man, plant screening; fibres from plants and animals; instrumentation and analysis, interpretation of data. Practical classes include instrumentation and analytical methods widely used in the experimental agricultural sciences, analysis of plant constituents and experiments in plant biochemistry.

Agricultural Chemistry IIA

A course of 36 lectures and 45 hours' practical given to third year Agriculture students in the Agriculture IIIA1 stream. The lecture course includes material on photosynthesis; the biosynthesis of primary and secondary metabolites in plants; the metabolism of plant and soil nutrients, nitrification and denitrification in soils, nitrogen fixation; the function and metabolism of DNA and RNA, protein synthesis; metabolic control. Practical classes include aspects of plant analysis and selected experiments in plant biochemistry to illustrate some of the lecture material.

Agricultural Chemistry III (Fourth Year)

The fourth year course undertaken by students specialising in Agricultural Chemistry includes:

(a) *Lectures.* The course includes lectures on the chemistry and biochemistry of cellular constituents (particularly in plants) and the physical behaviour of biological macromolecules. Emphasis is given to those aspects which are relevant to agriculture and the food industries.

(b) *Practical classes.* Formal practical classes are held in the Lent Term (mainly organic and biological chemistry) and in the Michaelmas Term (mainly an introduction to modern techniques and instrumentation used in biological chemistry).

(c) *Reading list.* After discussion with the members of staff each student is given a reading list designed for his or her particular interests. Material in this list is supplementary to the lecture course and is examinable.

(d) *Research project.* Each student is assigned to a member of the staff of the department and undertakes a short research project (mainly in Trinity Term). Research projects are normally carried out in close co-operation with the staff member concerned and frequently form an integral part of the general research interests of the department.

(e) A short course in food technology.

Agricultural Economics I

An introductory course of about 54 lectures on principles of economics as applied to agriculture. The main topics covered include:

The scope and content of agricultural economics. Agriculture in the Australian economy. The theory of location of agricultural enterprises. Characteristics of the farm as a business. Economic principles employed in farm management. The combination of enterprises. Development of farm plans. The analysis of farm accounts. Budgeting. Management of labour and capital. Adjustment to risk and uncertainty. Farm development. Elementary price analysis. Conditions of demand and supply in agriculture. Administered pricing. Land economics. Capital in agriculture. Agricultural labour.

Agricultural Economics II

This course consists of two parts.

(a) A course of lectures on agricultural policy, with particular reference to Australia. Topics discussed include:

An examination of the process of policy formation in agriculture together with an assessment of the role played by particular institutions. An appraisal of the ends and means of current Australian agricultural policy. Domestic and international aspects of agricultural price policies. An examination of forms of governmental intervention in other fields such as agricultural credit and marketing. Land policy. The effects of some of the broader aspects of national economic policy upon the agricultural sector. International aspects of agricultural policy.

(b) A course of lectures on agricultural production economics and principles of farm management. Among the topics discussed are:

Definition and interrelationship of the field. Factor-product relationships in agriculture. Factor substitution. Principles of enterprise combination. Production costs in agriculture. Economies of scale in farming. Advanced budgeting and gross margins analysis. Sources of management information. Linear programming as applied to whole farm planning. Financial management. Decision making under conditions of risk.

Agricultural Economics III

This course is a major component of the curriculum undertaken by fourth-year students specialising in agricultural economics. In addition to attending lectures, tutorials and seminars on the subjects set out hereunder, students are required to undertake an independent research project and to prepare a thesis thereon.

The principal topics discussed in the lectures and seminars are as follows:

(a) *Research Methods in Agricultural Economics:* Research as an orderly inquiry. Various methods of research with emphasis on logic and scientific procedure. Sources and collection of data. Sampling. Questionnaire construction and interviewing technique. Testing of hypotheses. Statistical methods of analysis including single and multiple regression and correlation. Methods of handling time-series and ordinal data. Introduction to more advanced statistical techniques.

(b) *Agricultural Finance:* Financial management of agricultural firms. Cash, credit, debt and taxation management. Sources of credit. Evaluation of investment and firm growth alternatives. Acquisition and inter-generational transfer of assets.

(c) *Resource Economics:* The conservation and use of natural resources. Cost-benefit analysis. Alternative criteria for public investment decisions. Risk and cost-benefit analysis. Interest and discount rates. Secondary benefits. Some case studies.

(d) *The Role of Agriculture in Economic Development:* Characteristics of agriculture in underdeveloped countries. Connections between natural resources and economic growth. The application of economic theory to agriculture in developing countries. Methods of increasing agricultural productivity. Land tenure and land reform. Land settlement. Education. Agricultural research. Labour productivity. Credit and capital. Transport. The importance of markets and demand. Government policy and agricultural development. Problems arising from agricultural development.

(e) *Agricultural Markets and Prices:* The field of agricultural marketing. The pricing function of markets. The study of supply and demand in relation to agricultural products. The derived demand for input factors. Types of market organisation: the 'free' market, various types of competition and integration. Methods of combating imperfections in the free market. Administered pricing. Marketing boards. Transport. Advertising. Standardisation and grading. Storage and risk-bearing.

(f) *Seminars on Contemporary Problems:* Current economic issues in Australian and world agriculture. Recent developments in agricultural economics theory.

Agricultural Education (Fourth Year)

This subject is taught wholly within the Sydney Institute of Education and includes three components:

(i) Practice Teaching

Three 2-week periods in schools in May, August and November.

(ii) Agricultural Teaching

This course covers topics such as the objectives of secondary school courses in agriculture, curriculum methods and evaluation.

(iii) Science Teaching

This course is designed to qualify teachers of agriculture in a second method subject, viz. the teaching of science. It deals with the objectives of science teaching, curriculum methods and evaluation.

Agricultural Entomology

Lectures give students a brief introduction to insects and related animals and their importance to agriculture. Topics cover morphology and classification, physiology, ecology and behaviour, principles of control, toxicology of insecticides and biology of the major economic pests in New South Wales.

The practical classes supplement the lectures and give students a working knowledge of important parasitic groups, the major orders of insects and economic species in New South Wales.

Agricultural Entomology (Fourth Year)

(a) *Anatomy and Taxonomy of Insects:* The internal and external structure of insects is studied in detail. The anatomy of major orders is compared and contrasted. Classification to family level of all orders is included in the practical course.

(b) *Ecology:* A course of lectures and tutorials covering both invertebrate and vertebrate ecology.

(c) *Insect physiology and toxicology:* Toxicology covers the major groups of insecticides used for insect control. Their chemistry, metabolism and mode of action on insects and vertebrates are discussed. The laboratory work supplements the lectures. Physiology includes lectures and practical work designed to acquaint students with the physiology and biochemistry of insects.

(d) *Economic entomology:* This is partly an audiovisual course dealing with the biology of economically important arthropod pests of the major crops grown in New South Wales. There is also a reading list, which covers topics in this area.

(e) *Reading course:* This list covers areas in entomology that are not covered in other sections of the course and allows students to concentrate on areas of interest.

(f) *Project:* Students undertake research projects throughout the year under supervision of staff members.

(g) *Insect collection:* Students are required to make a small but representative collection of insects.

(h) *Biometry IIA.*

(i) *Excursions* will be made to places of interest during the year.

Agricultural Extension

An introductory course on the principles of communication as applied to agricultural extension. The main topics covered include:

An overview of the extension field. The role of the practitioner in extension. The process of communication. The place of extension methods in terms of extension objects. Examination of communication methods currently employed, and others potentially useful, in extension. Co-operation with the communication industries. Administration of communication campaigns. Programme planning.

Agricultural Extension (Fourth Year)

This subject is made up of the courses Agricultural Extension II, Extension and Communication, and several other courses from related disciplines.

Agricultural Extension II

A series of lectures and seminars is held on (a) extension research, (b) educational methods, (c) extension organisation and (d) extension policy. Students are also required to undertake an independent research project and to prepare a thesis thereon.

The topics discussed are as follows:

(a) *Extension Research:* Research on the extension process in Australia. Comparison with major themes in extension investigations overseas. Evaluation in agricultural extension. The role of the social scientist in extension research. Problems in the application of social science research methods to the extension setting.

(b) *Educational Methods:* Selection of methods in relation to extension objectives. Staff training in educational methods. Use of extension methods in specific campaigns. Group learning procedures. Programmed instructions. Problems in research on method evaluation.

(c) *Extension Organisation:* Systems of organisation in extension authorities. Regional organisation of extension services. Co-ordination among extension agencies. Inertia to change in organisations. The communication link between research scientists and extension officers.

(d) *Extension Policy:* Recruitment of extension service personnel. Training of extension officers. Finance for extension. The relevance of extension programmes to farmers' needs. The development of new extension programmes.

Extension and Communication

A course of 27 hours. The principal topics include:

The development of the extension movement. Agricultural extension in Australia—organisations, personnel, content and clientele. Contrasts and similarities with agricultural extension services in some overseas countries. Communication and education. Learning. Attitude change. Opinion leaders and the multi-step flow of information. Experiments on the communication process. The approach of Marshall McLuhan to communication. Communication and learning in groups. Mass communication. Education technology. Diffusion of innovations, especially farm practices. Australian studies on agricultural extension. Communication of international agricultural research information.

Agricultural Genetics (Fourth Year)

(a) *Cytogenetics*

(i) 55 lectures on cytology and cytogenetics. The cytology lectures deal with the nuclear components (chromosomes, nucleolus, heterochromatin) and the cytogenetics lectures with chromosome identification and the evolution of plant species.

(ii) 85 hours of laboratory work including chromosome identification, heterochromatin banding, aneuploidy, special chromosomes, colchicine techniques, electrophoresis and cytogenetics problems.

(b) *Plant Breeding*

A course comprised of:

(i) 55 lectures concerned with the theory of methods for the generation, exploitation and conservation of genetic variability in economic plants, and the application of these methods to representative groups of crop and pasture plants.

(ii) Nine lectures concerned with special aspects of breeding for resistance to disease.

(iii) About 54 hours of laboratory work, devoted to statistical genetics, special techniques and a project on development of comprehensive plant breeding plans.

Agricultural Microbiology I

A course of 27 lectures and 54 practical hours given in the third year. The purpose of the course is to provide a fairly comprehensive, rather than detailed, review of the subject including its general principles and techniques as well as those aspects more directly related to agriculture and agricultural products. A course in biological chemistry, before or concurrently, is to be regarded as essential.

Practical work is designed to give practice in simple microbiological techniques and to illustrate topics dealt with in lectures.

Agricultural Microbiology II

A course of 18 lectures and 36 hours' practical work on microbial ecology, microbiology of nitrogen fixation, and experimental microbiology.

Agricultural Microbiology (Fourth Year)

This is a full year's course which comprises 126 hours of lectures and 81 practical periods on more advanced and applied aspects of microbiology, together with a project. Particular topics dealt with in the course include: the microscope, soil, food and industrial microbiology, pathogenic organisms, genetics, microbiological chemistry.

Students proposing to undertake this course are required to consult with the head of the department immediately the third year results are published.

Prerequisite: Agricultural Microbiology II.

Agricultural Physics

This course is comprised of two parts:

1. Physics I (Life Sciences)

(a) *Lectures:* 72 lectures given throughout the year. The course is designed to emphasise the concepts of Physics and, where possible, to show the application of Physics in the Biological Sciences. There are six units: forces and energy, electricity, thermal physics, optics, ionising radiation and properties of matter. Two-thirds of the lectures are given on closed circuit television, whilst one-third are given by the lecturer-in-charge of Agriculture students taking the course.

(b) *Practicals:* Nine 3-hour practicals in Lent Term on the following topics: optics, heat flow through a gas, liquid flow, electrical characteristics and radiation. Two 2-hour practicals in Michaelmas Term on selected topics in electricity.

2. Agricultural Topics

(a) *Lectures:* One lecture weekly in Trinity and Michaelmas Terms which introduces the theoretical aspects of the theme to be covered in that week's practical class. The themes are microscopy, energy balance in soils and micrometeorology, macrometeorology, and energy balance of animals.

(b) *Practicals:* Eighteen 2-hour practicals in Trinity and Michaelmas Terms in which the lecture material will be discussed, demonstrated and the experimental data manipulated.

Agriculture in the Economy

A course of about 27 lectures designed to provide some perspective on the social and economic organisation

of the rural industries and their place in the modern community. Particular topics covered in the course include: The changing nature of agriculture. Agricultural adjustment in the world economy. The historical development of Australian agriculture. Agriculture in the Australian economy. Constitutional, political and administrative institutions affecting Australian agriculture. The role of the farmer in commercial agriculture.

Agronomy B

(a) Horticulture

See separate entry in alphabetical sequence below under Horticulture.

(b) Crop Husbandry

Concerned with the application of physiological and agronomic principles to production practice with respect to important Australian crops. The major agronomic practices examined are tillage, crop establishment, introductory weed control, fertiliser and water management, crop harvesting and storage. Major winter (wheat, oats, barley, lupins) and summer (rice, sorghum, maize, sugar cane, sunflower, soybeans, cotton) crops are discussed.

(c) Pasture Husbandry

Agronomic and ecological principles of production and utilisation in native and sown grassland communities. Pasture growth and environment, pasture quality, substances injurious to animal health, pasture improvement and management.

Agronomy CI

Crop Husbandry

See entry above.

Agronomy CII

(a) Pasture Husbandry

See entry above.

(b) Pasture Plants

A practical course in the morphology, systematics and ecology of pasture species.

Agronomy (Land Use)

(a) *Methodology of Land Evaluation* (Department of Soil Science)

Role of soil variability in soil materials, costs and effectiveness of soil and land use capability surveys, appraisal of modern approaches to land use capability. Analysis of a landscape element near Sydney before and after a field excursion.

(b) *Principles of Agricultural Land Use*

The factors influencing land use. Historical, demographic, logistical; terrestrial environment controls; climate environment controls. Integration of factors in reporting a case study.

(c) *Principles of land use for forestry, conservation and recreation*

Agronomy (Pasture Plants)

A practical course in the morphology, systematics and ecology of pasture species.

Agronomy (Weed Science)

The significance, properties and distribution of Australian weeds. Weed ecology; problems of naturalisation and invasion. Principles of weed control—ecological, biological, cultural and chemical. Herbicides; the chemistry, toxicology, mode of activity, methods of application. The important uses of herbicides and their ecological implications.

Practical work includes taxonomic studies in important weed families, field and glasshouse studies, herbicide application methods, etc. Each student will be expected to prepare a review of one herbicide, or group of herbicides, and one weed species or a group of species.

Agronomy (Fourth Year)

Students complete a mandatory core of courses (Group A), including a practical course and a research project and thesis, and *one* course from the elective group (Group B). Students who did not complete Biometry II in Third Year will take it instead of the Weed Science/Pasture Plants/Plant Protection alternative.

Group A: Core Courses
Practical Agronomy
Advanced Crop Science
Agronomic Experimentation
Computing in Agriculture
Research projects and thesis
One of Weed Science/Pasture Plants/Plant Protection

Group B: Elective Courses
Soil Science II
Production Economics and Farm Management
Tropical Agronomy
Landscape Ecology
Special Course Unit (by arrangement)

Animal Anatomy

A course of lectures, tutorials and practical classes on the anatomy of farm animals, with particular emphasis on animal production.

Animal Husbandry I

A course of lectures and practical classes covering the following topics—animal ecology; species, breeds and management of domestic animals; animal products, grading and marketing. The practical classes will be conducted in sections of the Department of Animal Husbandry at Camden.

Animal Husbandry II

(a) Animal nutrition

The major nutrients—carbohydrates, fats and proteins, minerals, trace elements, vitamins, food additives—their digestion and metabolism, effects of deficiencies and excesses. Nutrient requirements for maintenance and production. Energy metabolism. Feeding standards.

(b) Animal reproduction

A course on mammalian reproduction and its control with particular reference to farm animals. Cycles in reproduction and environmental factors which control them. Ovogenesis and spermatogenesis. Fertilisation, pregnancy, parturition. Prenatal mortality. Fertility and sterility. Artificial control of reproduction; management systems involving controlled breeding.

The practical course deals with the following topics: Functional anatomy of the male and female reproductive organs. Reproduction in the female: gametogenesis, fertilisation, and embryonic development. Foetal development in cow, ewe, sow and mare. The foetal membranes and blood supply. Reproduction in the male: collection and examination of semen. Dilutents, dilution of semen, and survival of spermatozoa during liquid storage. Freezing and thawing of semen, and examination of survival of spermatozoa during post-thawing incubation.

Artificial insemination. Hormones in reproduction: radioimmuno and competitive protein binding assays, pregnancy testing.

(c) Skin biology; behaviour

Physiological function of skin. Phylogenetic relationships between hair and non-mammalian epidermal structures. The wool fibre. Practical work includes definition and measurement of wool quality using modern techniques and equipment.

(d) Animal behaviour

Basic patterns of behaviour in relation to animal production.

Animal Husbandry (Fourth Year)

Advanced animal husbandry taken largely at Camden where the students are in residence on the Animal Husbandry Farms for three terms; Meats, poultry, genetics, dairying, wool, control of animal diseases.

Approximately 20 per cent of the time is available for project work, which is carried out in various sections of the department.

Animal Physiology

Approximately 54 hours of lectures and 108 hours of practical work.

Animal physiology introduces the student to the subject and covers the general ground-work of physiology. The course extends over three terms and is particularly designed for the student of domestic animals.

Practical classes are conducted during the three terms in which the principles described in the lectures are exemplified with animal material. In these classes the students work in pairs or teams and keep detailed records of their experiments.

Animal Science

This course will cover three major topics—animal production, nutrition and animal physiology. Animal ecology, species and breeds, management, animal products, grading and marketing; introduction to nutrition, lipids, proteins, vitamins, minerals, evaluation of feeds, systems of expressing energy value of feeds, nutrient requirements, application of feeding standards in practice; regulation of body functions, temperature regulation and adaptation, reproduction, lactation, growth and development, digestion and absorption, wool and hair, avian reproduction, growth and development, animal behaviour.

The Australian Economy

See under Faculty of Economics.

BIOLOGY

See under Faculty of Science.

Biometry I

An introductory course of 36 lectures and 45 hours' practical work on statistical design and analysis of biological and agricultural experiments; tests of significance; place of biometry in scientific investigations; frequency distributions, measures of central tendency and spread; probability and probability distributions: binomial, Poisson, normal and χ^2 distributions; sampling distributions; point and interval estimation; t distribution; unpaired and paired tests; confidence intervals: F distribution and associated tests; analysis of variance of C.R., R.C.B. and L.S. designs; functions of randomisation, replication and local control; regression and correlation; tests of goodness of fit.

Biometry II

A course of 27 lectures and 27 hours' practical work, which follows on from Biometry I.

Analyses of variance of C.R., R.C.B., L.S. experimental designs; multiple comparison procedures; transformations; heterogeneity of error variance; orthogonal components and single degree of freedom comparisons; factorial experiments; split plot designs; simple and multiple linear regression and correlation.

Biometry (Fourth Year)

There are lecture courses in matrix algebra, advanced biometrical methods, biometrical genetics, design of experiments, multivariate analysis and computing techniques.

The topics covered in the matrix algebra course include: elementary matrix operations; differentiation of matrices determinants; inverses; ranks and linear dependence; application to linear statistical models.

The topics covered in the advanced methods course include: combined analysis of experiments replicated in time and space, split plot designs and analysis; unequal subclass numbers analysis of variance, multiple and partial regression; analysis of co-variance; non linear regression; non parametric statistics.

The topics covered in the biometrical genetics course include: statistical and genetic notation; probability distributions; tests of hypotheses concerning genetic segregation; maximum likelihood estimation; expectations of mean squares in the analysis of variance; estimation of genetic variances.

The topics covered in the design of experiments course include: least squares estimation and expectation of mean squares in the completely random, randomised complete block and Latin square designs; the general linear hypothesis of full rank; confounding in factorial experiments; incomplete block designs; response surface designs.

The topics covered in the multivariate analysis course include: multivariate distribution theory; tests of hypotheses on means; the analysis of dispersion; tests of independence of sets of variates; factor analysis.

In addition to the above courses, students majoring in biometry will be examined in Mathematical Statistics II and will undertake a specific research project.

CHEMISTRY

See under Faculty of Science.

Crop Botany

The botanical characteristics of agricultural and horticultural crop plants, weeds and poisonous plants, with main emphasis on their identification, included in a systematic treatment of the most important families of higher plants. Training in the use of keys and floras. Classification and phylogenetic relationships.

The reasons for, and botanical and chemical features which determine, the economic importance of the plants studied. Historical and broad climatic factors determining distribution.

Methods of reproduction and dispersal. The early development of the germinating seed.

Crop Science

A course for second year students ('A' stream only) including six afternoon excursions. There are eight sections:

(a) Developmental Physiology

A course concerned with physiological aspects of

growth and development in higher plants. Special emphasis is given to the morphological basis of development, and to the role of plant hormones in mediating plant growth responses to the environment.

(b) Plant Anatomy

A course of practical work on plant anatomy. Special attention will be given to interrelationships of structure and function and the material presented will be related to the subject matter of the Developmental Physiology and Crop Physiology sections.

(c) Plant Ultrastructure

An introduction to the electron microscope, and basic resolution theory and techniques. Comparative examination of the ultrastructure of the procaryotic and eucaryotic cell. Details of the ultrastructure of higher plants, integrating structure and function.

(d) Crop Physiology

This course considers crop-environment relationships by examining aspects of crop productivity based on an understanding of carbon metabolism in photosynthesis and crop yield, and plant and crop water relations.

(e) Crop Nutrition

The principles of mineral nutrition of plants and crops. Topics include genotype in relation to nutrition, diagnosis of mineral deficiency and toxicity and maintenance of soil fertility.

(f) Annual Crop Agronomy

Concerned with the application of physiological and agronomic principles to production practice with respect to important Australian crops. The major agronomic practices examined are tillage, crop establishment, introductory weed control, fertiliser and water management, crop harvesting and storage. Major winter (wheat, oats, barley, lupins) and summer (rice, sorghum, maize, sugar cane, sunflower, soybeans, cotton) crops are discussed.

(g) Grassland Agronomy

Agronomic and ecological principles of production and utilisation in native and sown grassland communities. Pasture growth and environment, pasture quality, substances injurious to animal health, pasture improvement and management.

(h) Woody Perennial Crops

Topics include growth and development in woody perennial plants, regeneration, control of form, control of flowering and fruiting.

Economics I, II and III

See under Faculty of Economics.

Economic Statistics I and II

See under Faculty of Economics.

Farm Management

A course of 27 lectures and 27 hours of workshops given in Michaelmas Term.

Among the topics discussed in lectures are: The relevance of the principles of production economics to farm management. The management goals of farmers. Advanced budgeting and gross margins analysis. Sources of economic information. Parametric budgeting. Simple systems simulation. Linear programming as applied to whole farm planning and animal feeding. Financial, tax and estate management. Empirical methods of handling risk and uncertainty. Experimental design and the economic analysis of crop and livestock experiments.

The workshops are closely integrated with the lecture course and involve visits to farms. In particular, practical experience is provided in whole farm planning utilising budgeting, gross margins analysis, linear programming and simulation methods. In the course of this work students are introduced to simple accounting principles and tax management. Special attention is given to the planning of crop and livestock operations and practical feed mix problems.

Genetics

The objective of this lecture and laboratory course is to gain knowledge of the main theories and concepts of genetics, so as to apply these in understanding (1) parallel and following courses in the Agricultural Science curriculum, (2) the role of genotype variation in plant and animal production systems, and (3) the significance of genotype variation in biological and agricultural experimentation. In lectures five main theories of genetics are discussed. These are:

(a) the theory of the gene
(b) the chromosome theory of heredity
(c) the DNA theory of the chemical basis of heredity
(d) the theory of plasmid genetics and recombinant DNA technology
(e) the molecular genetic theories of the control of gene expression and of development.

In 17 laboratory periods the procedures of *genetic analysis* are demonstrated. These procedures are: mendelian genetic analysis in maize, barley and Drosophila; cytogenetic analysis of linkage, chromosome homology, and meiotic behaviour of chromosomes in aneuploids, translocation and inversion stocks using maize, barley, wheat and Drosophila; the use of simulation procedures in the study of population genetics, quantitative inheritance and selection theory; and the study of mutagenesis and bacterial conjugation in *E. coli* by selective plating techniques.

GOVERNMENT

See under Faculty of Economics.

Horticulture

The course, which includes a one-day field excursion, is concerned with fruit and vegetable production and landscape horticulture. Regional distribution of the industries; soil and climate requirements of species; varieties and rootstocks; seed and vegetative propagation; orchard and plantation establishment; management of the root zone and fruiting canopy; harvesting, storage, marketing. Features of the vegetable industry; special aspects of certain vegetable crops used for processing.

Landscape horticulture includes factors affecting the selection of plants for landscape works in cities and in semi-natural environments; plant establishment and maintenance procedures; species and cultivars commonly used by landscape architects; and the design of landscape plantings in the past and present.

Horticulture (Fourth Year)

Students complete a mandatory core of courses (Group A), including a practical course and a research project and thesis. In addition they must complete corequisite courses (Group B) that were not taken in Third Year. Finally, students may choose an elective course (Group C), which enables them to specialise either in horticultural crops or in landscape horticulture.

Group A: Core courses

Fruit crops
Vegetable crops

Flower and nursery crops
Landscape horticulture
Plant improvement
Horticultural botany
Computing in Agriculture
Practical horticulture
Research project and thesis

Group B: Corequisite courses
Horticulture
Biometry II
Plant protection
Applied Soil Science

Group C: Elective courses
Production economics and farm management *or* Weed science
Landscape ecology
Crop production (special)[1]
Plant physiology (special)[1]

Mathematics (Agriculture)

A course of 27 lectures plus 27 tutorials on mathematics basic to the agricultural sciences. A student entering is assumed to have a knowledge of mathematics equivalent to the Mathematics 2 unit course at the HSC examination. A student who feels his knowledge is below this standard should attend a bridge course in Mathematics held in February.

Plant Pathology

A basic introduction to fungi, bacteria, viruses and nematodes as causes of plant disease. Nature of plant diseases. Epidemiology. Principles of disease control. Physiology of infection and the nature of host resistance. Parasitic specialisation.

Plant Pathology (Clinical)[2]

A laboratory course designed to train students in the recognition of common diseases in agricultural and horticultural plants and in the procedures for establishing the cause of the disease. Diseases of roots; diseases of vascular systems; diseases of the shoot system; recognition by fructifications of the fungal pathogens (mildews, rusts, smuts); recognition by symptoms (blights and lesions, spots and chloroses, growth deformations); postharvest diseases of fruit, tubers and seed.

Plant Protection

A basic introduction to the principles of plant protection including treatment of associated social and legislative issues. Concept of the disease cycle. Strategy of disease and pest control. Assessment of damage. Forecasting of disease and pest outbreaks. Cultural, chemical and biological control of pests and diseases.

Plant Pathology (Fourth Year)

A full-year specialisation comprising the following component courses.

(i) *Diagnostic Plant Pathology:* A practical course of laboratory and field work designed to acquaint students with the diagnosis and effects of disease in crops. Involves tuition and practice in the isolation of fungi from diseased material in the laboratory. Includes inspection and collection trips to field crops, orchards, horticultural nurseries and glasshouse-based organisations.

(ii) *Mycology and Fungal Physiology:* A lecture and practical course on the fungi with reference to their activities as plant pathogens. Comprises 14 lectures and associated practicals on classification, systematics, population analysis, variability and problems of nomenclature with special emphasis on pathogenic members of the following groups: Fungi Imperfecti, *Fusarium* spp., *Colletotrichum* spp., Ascomycetes, the lower fungi, rusts, smuts and other Basidiomycetes. Also five lectures plus practicals on fungal nutrition and the physiology of reproduction and spore germination.

(iii) *Soil Biology:* A lecture and practical course on the ecology of the soil with special reference to the activities of plant-pathogenic fungi and nematodes. Includes consideration of the effects of physical factors such as water potential and gaseous diffusion on the survival, growth and infectivity of fungi in soil.

(iv) *General Plant Pathology:* A tutorial course designed to provide students with a sense of perspective in the subject through treatment of historical aspects, use of the literature and awareness of major international developments involving plant diseases.

(v) *Bacteriology and Virology:* A course of 20 lectures and associated practical work on the plant-pathogenic bacteria and viruses and their interactions with plants. Includes isolation, culture, identification and pathogenicity-testing of bacteria. Covers virus symptomatology, modes of transmission of viruses, role of vectors, indexing, purification, characterisation and classification of viruses. Principles of disease control.

(vi) *Physiology of Host-Parasite Relationships:* A course of lectures, tutorials and practicals on the processes involved in the interactions between plant cells and parasitic fungi and bacteria. Includes an introduction to the genetic basis of host resistance and parasitic specialisation. Covers the physiology of infection, host responses, roles of enzymes and toxins in parasitism, defence mechanisms of plants and the physiology basis of specificity.

(vii) *Research Project:* About one term will be devoted to a research project in an aspect of one of the above subjects. Time would be available for students to attend the 27 hour optional courses Plant Pathology (Clinical) and Plant Protection, which normally form part of the earlier year for undergraduates in Agriculture.

Soil Science I

An introduction and terminal course of lectures, demonstrations, tutorials, laboratory practicals and field excursions based on a detailed study of three New South Wales soils of agricultural consequence.

This course discusses: Soil physical properties; structure, aeration, soil water, irrigation, soil strength, erosion. Soil chemistry and fertility; clays and cation exchange, swelling, coagulation and dispersion, soil solution, supply of nutrients, certain trace elements, organic matter and nitrification. Pedology; chemical weathering, soil formation, factors and processes, Australian soils, classification, mapping and evaluation.

Manipulative exercises include: Soil density, pore space, infiltration, piezometers, water extracts. pH, EC, organic carbon. Use of maps, description of sites, description of soil profiles, the recognition of soil types.

Each topic, where appropriate, will include a discussion of its biological consequences.

[1] Available by arrangement.
[2] Check availability with faculty office.

Soil Science II

27 lectures on laboratory and field methodology, soil survey, aerial photograph interpretation, soil geomorphology, soil classification, and land evaluation for rural purposes.

A practical course of laboratory and field characterisation of soils for identification of properties used in making land use decisions. A field exercise, series of seminars and tutorials, in which all students participate, forms an integral part of the course.

Soil Science (Fourth Year)

A full year's programme covering:

(a) Practical methods in soil science (lectures, and practical work).

(b) Soil physics (lectures, tutorials, and practical work).

(c) Soil chemistry (lectures, tutorials, and laboratory work).

(d) Pedology (lectures, tutorials and practical work).

(e) One or more courses selected after consultation with the head of department from Agricultural Chemistry, Chemistry, Agronomy, Horticulture, Biometry, Ecology, Plant Nutrition, Geology, Soil Mechanics, Soil Microbiology, Soil Colloids.

(f) A minor research project, seminar, and thesis.

(By special arrangement students in other departments may enrol in one or more of the above courses.)

Faculty of Architecture

The details of courses should be read in conjunction with the Senate Resolutions governing the award of degrees and diplomas in the Faculty of Architecture.

The courses provided by the Faculty of Architecture are described also in the faculty handbook, which contains details of unit values and prerequisites.

BACHELOR OF SCIENCE (ARCHITECTURE)

C01.101 History and Theory of Environmental Design

Significant architectural movements are examined as an evolutionary development of new theoretical principles and the advancement of technology. A wide range of environmental solutions is used to illustrate the interrelationships of the physical environment, and social, political and economic conditions.

C01.102 History of Landscape Design

Past and present solutions are used as media for the demonstration of landscape design principles. An awareness is fostered of the relationships between buildings and the environments which contain them. The present man/nature relationship is placed in historic perspective by scanning the past to see the effect of man's values on the natural conditions in which he found himself.

C01.104 History of Australian Landscape Design

The course is concerned with studying the evolution of landscape design in Australia, in particular the changing attitudes towards native planting; the introduction of exotic species; the examination of the parallel growth of social structures and landscape pretensions; the relationship between architectural style philosophies and attendant landscape design; the careers of the major landscape designers—Shepherd, Guilfoyle, Walling, etc.

A major side aim of the course will be to provide students with a basic knowledge of typical planting used in Australian landscape design.

C01.105 Art History

A course dealing with the development of art, particularly the painting and sculpture of the western world, with some specific reference to Australia.

C01.107 Nineteenth Century Architecture in Australia
The course examines the evolution of architecture in Australia from the First Fleet until World War I as a response to European and other external cultural influences modified by local physical and social conditions.

C01.109 Theatre Design and History
The course commences with a brief view of the dramatic experience and continues with the development of the accommodation of the performing arts, the functional and space requirements for performer and audience over the period of western history to the Georgian period whence the emphasis will be concerned with the relationships of Australian development to the English tradition. Architecture and design of staging productions are related to social expectations of the audience and type of drama and music of the various periods.

C01.110 History of Building Science A
An examination of the theory of architectural science and its relation to history in general and to the history of architecture and of science in particular. The core problems of architectural science are studied from the earliest structural forms up to the beginning of the era of scientific structural design. The course concentrates on the period prior to the 19th century.

C01.111 History Elective A
Information on this course is available from the faculty office.

C01.112 History Elective B
Information on this course is available from the faculty office.

C01.113 Oriental Art and Architecture A
This course traces, against a background of social conditions and historical events, the evolution of Japanese architecture from its primitive beginnings through to the present day. Sources and influences, particularly Chinese, are dealt with in considerable detail, and urban planning as well as design concepts relating to all aspects of the physical environment are studied. The course also attempts to relate postwar Japanese architecture to its roots, both native and foreign, and to changing post-war society.

C01.114 Oriental Art and Architecture B
This is a survey of the architecture of India and South East Asia with special emphasis on the relationship of the buildings to cosmological, mythological and metaphysical beliefs. Preliminary lectures will deal with the architecture of the primitive head hunting tribes of South East Asia; the people of Nias, and Mentawei, the Bataks of Sumatra, the Dyaks of Borneo, the Toraga of Sulawesi, the island peoples of Nusa Tenggara and the Asmat of West New Guinea. Then the Hindu and Buddhist architecture of India will be analysed and the diffusion of the Hindu Buddhist ideas throughout Asia will be traced showing the development of regional variations as the original Indian ideas came into contact with the indigenous cultures. Next the advent and spread of Islam with its own distinctive architecture will be dealt with. The final lectures will discuss colonial and contemporary architecture in the area.

C01.115 Principles of Romantic Design
Romantic architecture is the antithesis of the Classical—of the calm, ordered, logical tradition of Greek temple architecture.

The Gothic style presented the first vigorous opponent of the Classical—vertical, diverse forms; asymmetry. The Renaissance revived the Classical, but its progeny, the Mannerist and the Rococo, offer sculptural excitement and decoration for its own sake. In the early nineteenth century, the apparent romance of earlier times encouraged 'Picturesque' architecture, in which exotic revivals of many styles were made, the ideal being a building of asymmetrical composition and varied textures, set in a landscape of wild ruggedness.

The so-called 'Sydney school' of the 1960s and the current west coast U.S.A. movement offer this visual interest combined with careful integration with site.

The aim of this course is to examine the principles of these design movements and their current relevance. Seminars and essays will be used to evaluate students' research.

C01.118 Contemporary Design
The course covers major development in architecture of the present time with reference to relevant preceding events. Seminars provide a forum for discussion.

It is advisable that students complete C01.122 The Modern Movement in Architecture before enrolling, as prior knowledge of this is assumed.

C01.119 Renaissance to Baroque Architecture
The bias of this course is toward consideration of specifically architectural principles and approaches to the making of buildings and spaces, as demonstrated by the ideas and works of this period. It aims to give an understanding of Classical architecture.

C01.120 History of Urban Design A
A broad historical survey of the architecture of cities up to the end of the eighteenth century. The course will be concerned with the evolution of ideas and principles of urban and civic design. The main source of examples will be the western civilisations although occasionally comparisons will be made with examples from eastern cultures.

C01.121 History of Urban Design B
This course is concerned with the development of urban design from the early nineteenth century to the present. It will deal with the relationship between elements of the city and social and other factors that come to bear in the development of the city environment.

It is advisable that students complete C01.120 History of Urban Design A before enrolling, as prior knowledge of this is assumed.

C01.122 The Modern Movement in Architecture
Over the last few years there has been mounting criticism of the architecture based on the tenets established by the leading figures of the Modern Movement in the 1920s and 1930s.

Course objectives:

(a) Discuss the early aims of the Modern Movement and examine built forms and written statements.
(b) Review the results in the prewar and postwar periods.
(c) Discuss the credibility of initial postulates in the socio-economic context of today.

C01.123 History Elective C
This course will provide an opportunity for students to

undertake, with special approval, individual supervised projects within the general area of History of Architecture. Members of staff will also be able to offer special projects for students.

C01.124 Twentieth Century Architecture in Australia —pre 1940
The history of the development of architecture in Australia between the wars. The course structure will consist of lectures, seminars and site visits.

C01.125 Twentieth Century Architecture in Australia —post 1940
Investigation and discussion of the Architecture of Australia since the war. The course structure will consist of lectures, seminars and office and site visits.

C01.204 Introduction to Management
The course deals with the terminologies, conventions and procedures in regard to management of organisations and to the economic climates within which organisations operate. The application and effect of this knowledge in organisations under varying external conditions is investigated. The development of scientific and human relations schools of management, classical management theory concepts, and techniques of planning and control in organisations, are included.

C01.207 Theory of Architecture
An introduction to the broad issues of ethics, aesthetics and theory of knowledge implicit in architectural activity and discourse. Critical analysis of contemporary architectural theorists.

C01.208 Legal Aspects of Design Practice
The objectives of the course are the realisation that all aspects of a professional practice have their legal implications (relevant conventions, resultant rights and responsibilities, terminologies, procedures and pitfalls in establishing and running a professional practice) and applying the obtained knowledge to particular situations drawn from practice.

The course covers the framework (forms of practice including partnerships and companies, industrial relations, leases, etc.) and the conduct (contracts, relationships including agency, property, copyrights, insurances, banking, finance, etc.) of a professional practice.

C01.212 Building Contract Law
The objectives of the course are to provide knowledge, understanding and the ability to apply the legal aspects of building contracts, including their administration and claims and disputes under them.

The course includes related matters such as the engagement of architects, a knowledge of contract law, some relevant aspects of the law of torts, including especially professional negligence.

C01.213 Information and Documentation Theory
To give an understanding of techniques for locating, storing and retrieving information; to provide a theoretical background to systems of documentation for building projects, at local and international level, to understand methods of communicating information within the building industry.

The course includes information on specific methods and techniques for indexing documents and describes CI Sfb and other referencing systems; structured information handling games are used, and debriefing analysis to illustrate active and passive role-playing in the complex information movement networks that are part of the building industry.

C02.107 Urban Ecology
The student is encouraged to appreciate the urban environment as a social ecosystem, within which acts of design intervention will affect 'welfare', quality of life and 'freedom'. Ways of evaluating environmental changes in the urban system at each of these levels are introduced.

C02.108 Urban Theory
To acquaint the student with the principles of urban spatial growth and change including the part played by buildings in this process. The course deals with the history and theory of urban development, trends in urbanisation, dimensions of approaches to the study of urban spatial change, the dynamics of spatial structure and urban real estate as an economic good.

C02.109 Man-Environment Studies I
Vitruvius, along with most other writers on architectural theory who came after him, considered that *one* of the primary purposes of architecture is to give delight to those who experience architecture. One way in which an architect can go about providing such experiences is to identify buildings that give him delight, study the way in which the elements that make up the building contribute to the experience and then translate these constellations of built elements into his own designs. This translation process is, however, full of dangers. If the initial analysis is incorrect the particular constellations of built elements may not work in the new context. Alternatively a literal translation is simply a cheap imitation.

The way around these problems is to recognise that the experiences of delight reside not in the built elements themselves but in the ways in which these built elements fit into the capacities of the human sensory and perceptual systems through which we experience the world. Thus the size, shape, placement and number of windows lead to particular experiences within a room through their effect for example on the pattern or distribution of light and shade within the room. If the designer can learn these more abstract principles (more abstract, that is, in relation to the built elements), he is freed from the problems of translation and imitation and should be able to design more creatively to provide delight in all design situations that he faces. The project concentrates, therefore, explicitly on delight and does not require full resolution of the problem in terms, to quote Vitruvius again, of firmness and commodity.

C02.110 Man-Environment Studies II
The fact that architecture is not simply concerned with the physical aspects of buildings but also with the political, social and individual meanings of buildings is an issue of recurring interest throughout the history of architecture. In the modern context the issue has once again come into sharp focus through the work of Venturi and the Post-modernists.

The course aims at examining the idea of meaning in architecture and dealing with such questions as: what are the meanings conveyed; is there a hierarchy of meanings; what is it about the buildings which conveys the meaning; what is the role of complexity, contradiction, ambiguity and anomaly in creating meaning. These questions will be examined through lectures and seminars on the psychological aspects of aesthetic and emotional response and the acquisition of knowledge about the world and through the analysis of buildings

important in the history of architecture. In addition participants will be asked to find and analyse examples of buildings in the Australian context that have particular meanings.

C02.111 Man-Environment Studies III
What impact does the house-building process have on the natural systems present on a building site? What is the continuing effect (after 3, 5, 10, 20 etc. years) of the house and its human occupants on these natural systems?

What effects do the occupants' gardening philosophies and attitudes to landscape have on natural systems? Does the garden that evolves around a house represent the occupants' image of an ideal natural environment?

What effect will an imposed and alien ideal environment (European formal, Mediterranean relaxed, Balinese luxuriant) have on existing natural systems? Can these effects be confined to the individual site? What happens where the imposed meets the existing? Over what spatial extent can an existing natural system be invaded and changed by an imposed natural system? To what extent are individual householders responsible for the effects at a distance of their images of the ideal natural environment?

The aim of the course is to examine these issues through a study and evaluation of a particular area where there is an interface between built and natural environments. This area chosen will contain a variety of houses of different ages with gardens that reflect different ideal images. In addition the area will have a number of undeveloped sections of different sizes where the interaction of existing and imposed natural systems can be demonstrated and the potential long-term effects on the landscape as a whole examined.

C02.112 Man-Environment Studies Elective A
Information on this course will be available from the faculty office.

C02.113 Man-Environment Studies Elective B
Information on this course will be available from the faculty office.

C02.114 Man-Environment Studies Elective C
Information on this course will be available from the faculty office.

C02.115 Introduction to Man-Environment Studies
Man-Environment Studies aims at maximising initiative and subjective design processes through the understanding of the individual human, social and community structures and how these can be exploited effectively within the environment.

This introductory course gives a general review of the social and human sciences, of the assistance that each can offer the environmental designer, how man senses, and operates within, his environment, and how an understanding of this, man's sensors and capacities, may assist the designer in his work.

C02.116 Environmental Horticulture
This course demonstrates the practical problems of establishing and maintaining landscape plants. In harsh physical environments or where low maintenance requirements demand that plants be capable of withstanding stress, careful consideration must be given to plant selection. Commonly encountered stresses are covered with reference to stress occurrence, symptoms shown by plants, means of resistance in plants, means of reducing stress, and choice of resistant species and cultivars. The course is of relevance to the selection of plants for artificial city plantings and for schemes in semi-natural environments.

C02.205 Calculus and Solid Geometry
Geometry. Conic sections and quadric surfaces, polyhedra—the Platonic solids.

Calculus—limits, differentiation, integrals, techniques of integration, circular, logarithmic and exponential functions, volumes, areas, moments of area, centroids.

C02.206 Matrix Algebra and Numerical Methods
The course includes the following topics: addition and multiplication of matrices; determinants; solution of linear simultaneous equations—Cramer's rule; elementary row operations; polynomials; Taylor's series; log-log and semi-log graphs; iterative methods; finite differences; interpolation; numerical integration.

C02.207 Statistics
The course covers the following: the use of statistical analysis; frequency distributions and arrangement of data, measures of central tendency and dispersion; probability and probability distributions—normal, binomial and Poisson; Chebyshev's inequality; random samples and sampling distributions; estimation and hypothesis testing—the t-distribution; the Chi-square tests; regression and correlation.

C02.208 Introductory Mathematics
This course aims at: (1) providing familiarity in recognising, and confidence in using, mathematical concepts and notation; (2) developing facility in some basic mathematical techniques; and (3) developing some expertise in analysing simple context problems and casting them into a mathematical framework.

The treatment will be at an elementary level with results being presented and explained rather than derived. Where relevant, examples will be drawn from areas of architectural application.

The course covers the following:

Revision of basics—sets, real numbers, functions, graphs, differentiation, integration.

Vectors—vector algebra, scalar and vector product, matrix multiplication, equations of lines and planes. Geometric and physical applications.

Problem solving—methodology for analysing simple context problems and setting up a mathematical model that describes them. Techniques for solution will use calculus, trigonometry and vectors.

C02.314 Principles of Environmental Science and Technology
The course introduces the basic concepts and principles of environmental physics which form the basis for following courses. There are three components to the course involving light, heat and sound. The lighting component considers the eye and its response to light, units and concepts, measuring instruments and light sources. The heat component deals with concepts of heat and temperature, units, building climatology, steady-state heat flow, sol-air temperature, thermal comfort, evaluation techniques and building thermal response. The acoustics component treats the need for acoustical design in buildings, sound, units and measurement, human response to sound and acoustical criteria.

The associated laboratory programme introduces students to basic instruments and measuring tech-

niques and applies the theoretical principles developed in lectures.

C02.315 Applications of Environmental Science and Technology
This course develops the principles treated in C02.314. In acoustics the following topics are treated: impact and airborne sound transmission through walls and floors; sound control by absorbers; the behaviour of sound in enclosed spaces and architectural solutions for the successful design of auditoria. The lighting component introduces the elements of interior lighting design, looks briefly at sun control and sunlighting and treats daylighting design as a major study. The thermal component concerns introducing airconditioning systems. A new component is introduced—building services. This examines two types of services—those that improve the utility of a building (e.g. lifts, water supply etc.) and those that act as environmental control systems.

C02.316 Energy and Buildings
This course investigates buildings as energy systems and discusses the use of energy in buildings with particular reference to the need for reduced levels of energy consumption. Emphasis is placed upon the 'energy-economics' of buildings and its implications upon the design, construction and use of buildings in Australia. Major areas of concern are: energy and the community; buildings as energy systems; energy conservation in buildings; alternative energy sources; alternative environmental technologies.

The aim of the course is to provide a forum for the rational discussion of all facets of the energy problem related to buildings and the development of a balanced view of conventional and alternative strategies available to building designers and users.

In addition to formal lectures, group discussion seminars will be held on particular topics with outside speakers invited where appropriate.

C03.205 Construction Practice I
This is a mandatory course for completion of the first degree. It discusses the materials and techniques of domestic scale building and integrates this with design studies. The course includes visits to building sites and the recording of trade processes.

C03.210 Cost Planning and Control
An outline of the principles and techniques of cost planning and control, including feasibility studies, methods of finance, costs in use and the role of the quantity surveyor.

C03.214 Materials and Methods I
The course introduces the concepts of design and design detailing. A range of problems is discussed and preferred resolutions developed. There is an emphasis on communication and quality of drafting work.

C03.215 Building Fabric Performance and Selection
The programme examines the performance approach to the design of the building fabric and ways to meet the range of performance requirements. It builds on studies in C02.314 (Principles of Environmental Science and Technology), with particular emphasis on solar control, thermal performance and material maintenance.

C03.216 The Building Industry in Australia
The objective of this course is to give an overview of the Australian building industry, including its role in the national economy, the nature of organisations and processes that produce buildings, the role of the various organisations within the industry—e.g. manufacturers, builders, unions—and describing the architect's role in this context. Reference is made to historical examples of the organisation of the building process.

C03.217 Construction Practice II
This course expands on the first construction programme C03.205 and is a required course for students proceeding from the first degree to the professional degree. Common trades are discussed in depth and specialist trades are introduced.

C03.218 Construction Practice III
The course looks at current techniques in non-domestic scale construction and visiting practitioners discuss trends in design and building. Students work in small groups to prepare design and construction proposals for a medium-size building in response to the constraints of Ordinance 70.

C03.301 Introduction to Structures
The fundamental concepts of structural mechanics as a basis for structural design. Includes the determinants of structure, statics, truss design, property of sections, beam design, elasticity, bending theory and jointing.

C03.302 Principles of Structural Design
Builds upon the concepts laid down in course C03.301 in an examination of loads, form, strength, stability and stiffness of more complex statically determinate and very simple statically indeterminate structures.

C03.303 Structural Steel Design
Basic principles of the design of structural steel. Examines the potential of steel as a structural material, and the limitations imposed by its properties.

C03.304 Reinforced Concrete in Buildings
Basic principles of the design of concrete structures. Examines the potentialities of concrete as a structural material, and the limitations imposed by its properties.

C03.305 Reinforced Concrete Design
Practice is given in the design and detailing of a portion of a reinforced concrete structure, based on the theory in course C03.304. Design calculations and details are prepared for part of a building, which may form part of the 'design' course.

C03.306 Mechanics of Materials
Stresses, moment distribution, eccentrically loaded piers, retaining walls, the testing of materials, stress-strain curves and their interpretation.

C03.307 Design of Timber and Masonry Structures
Basic principles of the design of unreinforced and reinforced masonry and timber structures. Potentials of masonry products and timber as structural materials and the limitations imposed by their properties.

C03.310 Materials Science
The relationships between the microstructures of materials groups and the properties apparent in real materials. The student is brought to an awareness of the restraints (properties, environments) on the use of materials.

C03.311 Structural Materials
Properties, characteristics and application of some principal structural building materials: concrete, timber, brickwork; physical characteristics of combined materials.

C03.318 Introduction to Computers in Architecture
A beginning course in the use and role of computers in architecture. Provides an overview of computer applications and the implications and use of computing in the architecture profession. Topics covered include: the digital computer, applications in an architectural office, the formulation of problems for solution by computer, an introduction to programming in the BASIC programming language.

C03.319 Computers in Architecture I
A course on computer programming skills for architects and the development and operation of program systems. Topics covered include: programming style and design, program systems, the FORTRAN programming language.

C03.321 Computers in Architecture II
Further computing concepts and their application to architecture. Topics covered include: review of computer applications in architecture; operating systems: NOS; advanced FORTRAN; structured programming; introduction to APL; mass storage; building descriptions, data structures and databases; writing a problem oriented language.

C03.323 Computer Problem Solving
Introduction to the concepts of computer based problem solving using mathematical modelling and operations research. Writing of one computer program. Topics covered include: systems theory; symbolic models; design by simulation; design by generation and design by optimisation, with particular emphasis on design decision making using calculus, dynamic programming, linear programming and heuristic methods. Introduces the notions of multi-criteria decision making in design.

C03.324 Computer Graphics in Architecture
A beginning course in computer graphics. Topics covered include: graphics devices; line printer graphics; line drawing and plotter graphics; graphics transformations; elementary graphics data structures; passive screen graphics; interactive graphics; developing graphics software systems in architecture.

DESIGN
The studio activity in Design is the core of the BSc(Arch) degree course. Over a three-year period students are brought into contact with a wide range of environmental design problems. Students are required to work both individually and in small teams on a progression of varied realistic environmental design tasks in which knowledge gained from study in other areas is integrated and applied. Studio tutorial groups are organised to suit tasks. Work and discussion in the studio is encouraged together with involvement with contemporary issues, actual clients, site inspections and field studies. Assessment is based on each student's portfolio of work carried out during each year.

C04.101 Design I
Design I forms the nucleus to first year Architecture: on the one hand it assists in the transition from secondary school to university and on the other it offers an experience during which the mandatory subjects are given relevance. Its aims are: to introduce students to the environment in which the designer works; to introduce the basic tools of drawing, design methods and communication skills, with which ideas can be explored and expressed; to encourage the development of confidence, initiative and self-criticism in design.

C04.102 Design II
Design II introduces the various disciplines of urban, landscape, building and component design.

A range of realistic design tasks within these areas enables the student to gain breadth of design experience and an understanding of the content and relevance of each area. These tasks encompass communication skills, and involve the integration of knowledge and techniques from the other course areas. This year will provide a grounding which will allow the student to make a decision concerning his or her future design education—that is, whether to continue with a general course in design or concentrate on urban, landscape, building or component design.

C04.103 Design III
At the commencement of Year III there is the opportunity to concentrate on design work within the areas of landscape, urban design or building. The student should ascertain what type of design experience will be helpful or is required as assumed knowledge if he intends undertaking a second degree such as in Building Science, Architecture or Town and Country Planning. Landscape and Urban Design will also be available in the future. Thus the student may consider the BSc(Arch) as either a general education in Environmental Design or as an intermediate level in a vocational education for one of the professions in this area of Design. In either case it is intended to carry the work in each task to as close to a professional level of competence as possible; however the scale or size of project will be commensurate with what can be satisfactorily accomplished at the third-year level. Design projects do not assume knowledge not provided in courses given within the degree, but integration is expected with courses, particularly with mandatory or prerequisite courses.

Concentration, as resources permit, is on man-made design in landscape, building and urban fabric, with, from time to time, projects offered in industrial design or set design for theatre/television/film.

All students are expected to take at least one project in the year to the stage of detail design, specification and costing.

C05.101 Art I
C05.102 Art II
C05.103 Art III
C05.104 Art IV
C05.105 Art V
C05.106 Art VI
C05.107 Art VII
C05.108 Art VIII
C05.109 Art IX
Art offers a series of programmes in painting, sculpture, environmental sculpture, graphics, printing and print-making, photography, video, ceramics, jewellery, life-drawing, post-object art and art issues with the aim of assisting students to develop imagination and creative thinking, to heighten perception, to gain experience and insight into the process of evaluating, predicting and making judgements, to develop an ability to think and work in three dimensions, to develop communication skills, to heighten sensitivity to

the environment and to increase awareness of the social and political implications of art.

C05.110 Communications
The course is designed:
(i) to develop in the student an awareness of the design and communication processes and their inexorable links;
(ii) to develop graphic skills and techniques;
(iii) to develop the basics of architectural drawing;
(iv) to involve the student in the use of techniques for evaluating his communication performance.
There will also be a one-term introductory course in freehand drawing and sketching.

C05.119 Basic Drawing
Mechanical drawing skills, suitable for describing objects and buildings in conventional drawing format. Students will be expected to work in the studio preparing drawings using typical drawing equipment and aids. The skills to be covered are orthogonal projection, which includes the plan, section and elevation; and three-dimensional projection, which includes isometric, axonometric and perspective drawing. Rendering techniques are to be applied to the perspective drawing. Some homework will be necessary.

C05.112 General Elective A
C05.113 General Elective B
C05.114 General Elective C
C05.116 General Elective D
C05.117 General Elective E
C05.118 General Elective F
Information on these courses is available from the faculty office.

C05.120 Working Drawing
This course is an extension of Basic Drawing, which develops experience in mechanical drawing skills suitable for application in professional practice. The work is conducted in the studio, as a simulation of office experience, when students will be expected to work 'on the board' preparing drawings. The skill experiences covered include tracing, measured drawing, detailing and preparing working drawings from sketch designs. Some homework and site inspections will be necessary.

C05.115 APL Programming in Architecture
This is a private study course offered to those students who wish to gain experience in the programming language APL. APL is an advanced interpretative language, its advantages being its interactive operation and the very powerful set of operators (functions) provided for array manipulation. The intention is for students to achieve a satisfactory competence with the language, the actual level achieved depending upon each student's previous computing experience, his or her understanding of the language and willingness to work. Efforts will be made to integrate the course with other course components should a student wish to do so.

BACHELOR OF ARCHITECTURE

C02.116 Environmental Horticulture
See course description under Bachelor of Science (Architecture).

C11.101 Master Programming Procedures and Application
Special characteristics: The second part of the course will be conducted as personal tutorials to assist individual production of the assignment. Where possible the project may be related to the design course.
Aim: To familiarise students with the existence of and need for pre-design feasibility studies on which the need for buildings can be based.
The course begins by providing the context for such documents, and examines their form, use and compilation in terms of data sources and their impact on decision making. In practice these studies, as written reports, cover a spectrum of activity from planning, through architecture to technical studies, where such work is produced to clarify project problems and provide the submission for approvals, design commissions and appeals.
This course includes a detailed study of the contents of such documents including material required from the following areas: Socio-political and economic climate; the Market; Organisational Analysis; Constraints; Environmental requirements; Implementation and structure for change; Finance; and finally a review of the document's relationship to master planning, functional brief writing, and single project design.

C11.103 Master Planning Procedures and Application
Special characteristics: The second part of the course will be conducted as personal tutorials to assist the production of the assignment and where possible will be related to the design course.
Aim: To familiarise the student with the existence of and need for Master Plans for single buildings and complexes.
Content: The course begins by dealing with Master Plans, their scale and context; shapes and their characteristics; building forms and the limits of their behaviour and site studies, including building disposition, their form and implications, obsolescence, internal traffic patterns and the influence of acquisitions. This is followed by a study of Phasing, including growth and change-flexibility; the behaviour of complexes under administrative, functional and physical stress including obsolescence and their effect on structures, mechanical engineering and traffic patterns. Alternates are then examined in terms of change, time, space, activities, moneys, priorities and policies and human scale, on associated charts, building grids, zoning diagrams, cost and aspect value grids and 3-dimensional positioning. The first part of the course concludes with costing and control for Master Plans through design and construction, including suitable forms of contract; and with a review and outline for assignments and the relationship to the course Master Programming.

C11.109 Building Design Practice
By use of the case study method in which individual projects are discussed, the course examines the way in which the intentions of clients and architects are translated into built form in practice. A series of projects currently at various stages from design to completion will be examined. The architect responsible will describe the various factors which led to the specific form of the building.
The building types discussed will range from major commercial office buildings for public authorities to small scale buildings for community use.
Architects presenting their projects may be accompanied by other specialist consultants involved in the design of the building and, in some cases, clients may also take part.

A second segment of the course will consider the community context in which the architect works, including his relationship to statutory professional and building industry organisations.

C11.206 Man-Environment Studies Elective A
Information on this course will be available from the faculty office.

C11.207 Man-Environment Studies Elective B
Information on this course will be available from the faculty office.

C11.208 Man-Environment Studies Elective C
Information on this course will be available from the faculty office.

C11.209 Applied Man-Environment Studies
The course commences with a review of current research and methods applicable to appraisal of the built environment and continues with appraisal tasks and reports on environmental impact statements, concluding with application either of findings in building appraisal or principles of environmental impact statements to a specific design project or carrying out guided research to formulate a design brief relative to the users of the built environment.

C12.102 Energy Systems
A survey of energy sources—gas, electricity, oil, coal. Total Energy. Economic considerations of energy uses. Air Conditioning Plant, Ventilation plant, air conditioning control and systems economics. Noise and vibration in energy systems. The behaviour of alternating current in circuits and the concepts associated with phase relationships. The mathematics of alternating current, methods of generation and reticulation, transformers, calculation of maximum demands, cable sizes, ratings, switchboards, fuses, circuit breakers, equipment and wiring rules. Electricity distribution, maintenance and control.

C12.105 Fire and Security Systems
This course deals with the fire resistance of materials, the design of buildings with relation to fire, the fire proofing of structures, fire alarms, sprinklers and insurance, and concludes with various aspects of building security systems.

C12.106 Communications Systems
The course is loosely structured around the principles of communications, telephone and intercom systems, hard wired information systems, radio, facsimile, etc. The course can be extended beyond or in lieu of the above on the submissions of individual students. The social aspects, etc. of communications can be examined.

C12.107 Computers in Building Services
This course explores the application of computer-aided design techniques to the problem of building services design and analysis and develops an understanding of a systems approach to building services design. Topics covered include: Application of computers to lift design and lighting design, simulation of environmental systems, integrated design of building services, the use of mathematical models and systems theory and the use of computers for the control of building service systems.

C12.108 Thermal Properties of Buildings
This course expands upon the theory and techniques developed in C02.315 in approved student projects concerned with the investigation of the thermal properties of buildings. These studies may take the form of experiments and field studies (where available departmental equipment can yield meaningful results) using the department's suite of thermal performance simulation computer programs. Integration of the project with design work is actively encouraged. Some of the topics covered in lectures include: modes of behaviour of the building fabric, the investigation of the relationships between thermal performance and design variables, review of recent advances in analytical techniques for thermal analysis, the design of buildings to reduce energy consumption, and simplified methods of calculating temperatures in buildings.

C12.110 Acoustics
Advanced course in acoustics design including vibration transmission and isolation, community noise assessment, sound reinforcement systems, standards and legislation, and noise control.

C12.113 Wind Effects on Buildings
This course provides an historical background to the influences of wind effects on town planning and building design up to recent problems in urban centres. Common problems are identified and current acceptable design criteria are provided. Basic fluid mechanics associated with airflow around buildings is outlined together with its limitations. Wind tunnel techniques are described and students perform simple wind tunnel studies and report on them as an assignment. Wind loads are studied in relation to the current wind load code as well as special design problems in areas affected by tropical cyclones. Methods of estimating natural ventilation are provided as well as basic data related to wind powered generators.

C12.114 Sun Control and Solar Energy
This course deals with design methods for determining solar penetration; control of solar heat loads by shading, orientation and construction; the magnitude of solar heat available, and of energy requirements for buildings; simple and more elaborate solar energy collectors; problems of storing energy derived from the sun; efficiencies and economics.

C12.115 Services for Large Buildings—A
Major services systems in large buildings and, in particular, the integration of these services with other elements of a building. Topics covered include: development of building services; vertical transportation systems including space requirements, mechanical details, lift calculations, lobby design and traffic analysis; air conditioning systems including choice of system, types of systems, layout in relation to structure, location of major plant, energy conservation; hydraulic services including cold water supply, hot water supply, disposal of rainwater and sewage, industrial plumbing; distribution of electrical services, horizontal distribution of services; maintenance and operation, plant room layout; and co-ordination of services with other planning constraints.

C12.116 Services for Large Buildings—B
This course applies the material covered in C12.115 to the design and planning of services for a large building. It is organised around a project, which could be a design studio project, in which students should dem-

onstrate their abilities to make decisions concerning the services for a large building and integrate these services with other planning considerations. A series of tutorial sessions gives the opportunity to discuss projects with staff and from time to time with visiting consulting engineers.

C12.120 Introduction to Lighting Design
This course follows the lighting component of C02.315, its prerequisite, and introduces the concepts of lighting design. Those who wish to gain a more detailed knowledge of interior lighting design are encouraged to take the subject C12.121 Interior Lighting Design I and C12.122 Interior Lighting Design II in addition, or with some private study, as alternatives. A review of previous material is followed with a treatment of luminaires, the flux method of design, glare, codes of practice, other design and appraisal methods. Practical design guides will be given.

C12.121 Interior Lighting Design I
This and the following course C12.122 are intended for those who desire a more extensive knowledge of interior lighting than that provided by C12.120.

Concepts and methodologies of interior lighting design. Topics covered include: the perception of colour, form, pattern and space, and issues relating to the perception and comprehension of the large-scale environment, aesthetics, perception and emotion; the limited quantitative procedures in achieving the foregoing; the practical methods available for predicting illuminances from daylight and uniform arrays of luminaires; the prediction of discomfort; appraisals; codes of practice.

C12.122 Interior Lighting Design II
This course builds on the material covered in C12.121 to consider more advanced methods of interior lighting design including: designed appearance techniques; lighting systems; colour and atmosphere creating task analysis, choices of sources and luminaires; practical considerations of various lighting situations (e.g. domestic, offices, factories, hospitals, schools, etc.); special applications (stage, television, merchandising, plants, etc.); economics, maintenance; integration of daylight and electric light.

C12.201 Environmental Physics and Building Services Elective A
C12.202 Environmental Physics and Building Services Elective B
Information on these courses is available from the Faculty office.

C13.101 Building Materials
This course deals with the following topics: durability, durability testing, temperature, moisture and chemical effects, dimensional co-ordination, light metals, stainless steel, glass, plastics, adhesives and paints.

C13.102 Structures and Foundations for Buildings
This course aims to provide a comprehensive overview of structures for tall buildings both from a behavioural and constructional viewpoint. The general aspects of tall building structures are discussed, including: loads, structural systems, approximate analysis and design methods, and a review of some tall building structures. The relationship between design and construction is explored.

The course also aims to provide an introduction to the understanding of the behaviour of foundations for buildings and covers the following topics—soil types, foundation design and soil and site testing.

C13.104 Advanced Concrete Design
This course includes advanced reinforced and prestressed concrete design. Reinforced concrete design includes concrete frames, flat plates, folded plates and ultimate strength design. Prestressed concrete design includes consideration of the architectural and structural principles, systems and techniques, design for flexure, considerations of shear, bond, bearing, cable layouts and load balancing.

C13.105 Complex Structures
In this course the basic principles of long span structures are discussed together with the design methods involved in long span structures and space frames, and shell roofs are discussed. The following topics are covered: shell structures generally, domes, cylindrical shells, conoid shells, saddle shells and hyperbolic paraboloids, and design methods involved in long span structures. Cable and cable network suspension structures are explored in some detail.

C13.107 Model Analysis
The use of experimental methods and physical models to assess the performance of systems and provide design information where there is a lack of data or where analytical or numerical models are inappropriate. The following topics are discussed: the use of experimental methods, defining the problem, planning and performing the experiment and assessing the results, dimensional analysis, instrumentation and measurement, analysis of results including error analysis and structural, acoustic, aerodynamic and thermal models.

C13.108 Computers in Structures
This course provides an introduction, at an advanced level, to the use of computers in structural analysis and design. The course covers the following topics: computerising classical solution techniques; matrix methods; stiffness and flexibility methods of whole structure analysis (in detail); the Integrated Civil Engineering System (ICES); available analysis programs; modelling structures in the computer; computer-aided structural design.

C13.109 Experimental Structures
This course provides an opportunity for a group to design, fabricate, construct, instrument, test and report on a model of their choice to gain experience in this form of analysis.

C13.110 Selection of Structural Form
Difficulties in the selection of structural form for buildings where the structure presents special problems, because of large interior spans or because the building is tall.

The course will be introduced by four hours of lectures. The class will then divide into groups of two or three students, each group to work on a different project. During seven two-hour sessions each group in turn will present its proposals to the entire class for discussion. The loads on the structure, the choice of the structural system, and the selection of structural materials, will be considered, and approximate structural sizes will be calculated.

C13.111 Structural and Environmental Systems
The systems approach to structural design, and interaction with environmental system, with particular ref-

erence to passive solar design. Discussion of structural systems available for various occupancies. Choice of the structural system for a given building type and span.

The course will deal with buildings from the domestic scale to multi-storey buildings, and buildings with long spans.

C13.201 Building Structures and Materials Elective A
C13.202 Building Structures and Materials Elective B
Information on these courses is available from the faculty office.

C03.210 Cost Planning and Control
See course description under Bachelor of Science (Architecture)

C03.216 The Building Industry in Australia
See course description under Bachelor of Science (Architecture).

C14.105 Building Technology Elective A
Information on this course is available from the faculty office.

C14.106 Building Technology Elective B
Information on this course is available from the faculty office.

C14.109 Materials and Methods II
Detailed investigations into constructional aspects of students' current design projects or specific constructional techniques.

C14.110 Cost Studies
Cost investigation of current constructional techniques with investigations of alternatives preferably related to current design projects.

C14.111 Component Building
An introduction to the techniques and principles of component building, the reason for its existence, its history in Australia and elsewhere, techniques of production and financing, the discipline of component building in relation to building design. A major component design problem is undertaken.

C14.113 Construction of Complex Buildings
The course is designed to acquaint students with current techniques of non-domestic scale construction, to exercise constructional decision making from large scale buildings to the detailed assembly of components. It also exercises skills in gathering and evaluating information on products and processes. Coursework involves site visits, seminars, and work preferably relating to current design projects.

C01.212 Building Contract Law
See course description under Bachelor of Science (Architecture).

C01.213 Information and Documentation Theory
See course description under Bachelor of Science (Architecture).

C15.205 Management Communication
Internal communication patterns; communication across organisation boundaries; representation of the organisation: committee procedures; formal and informal submissions, report writing, publicity, overseas communications and codes.

C15.206 Architectural Office Management
An introduction to management practices and systems that are appropriate to an architectural office. Covers general business principles, profit planning, costing and pricing, expense budgeting, liquidity forecasting, programming of the design team, job programming and resource scheduling within the office and management information for control of a practice as a business.

C15.207 Contract Management Practice
The aim of the course is to ensure that the students obtain a sound introduction to current professional practice especially as it applies to: the ethical responsibilities of architects to the public at large, to clients and to the profession; the systems in current use in implementing processes involved in architectural practice; and the recognised contract procedures available within the construction industry.

Topics covered include: the regulation of the profession; a brief overview of the construction industry; consultants (selection, engagement, co-ordinating and responsibility); liabilities, disputes and arbitration; copyright and ownership; insurances (contract and professional liability); modes of practice; conditions of engagement, fee structure and hourly rates; client meetings and briefings; site and authority investigations; components of contract documentation; pre-contract management; contract selection and comparisons; and contract administration.

C15.208 Management Elective A
C15.209 Management Elective B
Information on these courses will be available from the faculty office.

C16.101 Architectural Design I
The tutorial activity of Architectural Design is the core of the BArch degree course. In Architectural Design each student is required to work, individually and in small teams, on a progression of real-life tasks in which knowledge gained from study in other areas is integrated and applied.

The range of tasks will include site planning, groups of buildings and their contiguous spaces, individual buildings, interiors, components; contexts will include rural, suburban and urban situations; users and clients will range from large corporate and community groups to identifiable individuals.

At least one large scale building incorporating modern technological services and low energy design is included in either Architectural Design I or II.

Students are encouraged to concern themselves with important contemporary issues, e.g. urban growth and change; decentralisation; technological change; obsolescence; adaptability and extendability in buildings; advocacy design; extended architectural services; nature and urban conservation; optimisation of resource use; the changing and expanding criteria for evaluating environmental situations.

Students enrolling in Architectural Design I will have completed the equivalent of the BSc(Arch) Design III, and it will be assumed that they have had experience, either at undergraduate level or during practical experience periods, in the design of small and medium-sized buildings.

C16.102 Architectural Design II
This course builds upon C16.101.

C03.321 Computers in Architecture II
Further computing concepts and their application to architecture. Topics covered include: review of computer applications in architecture; operating systems: NOS; advanced FORTRAN; structured programming; introduction to APL; mass storage; building descriptions, data structures and databases; writing a problem oriented language.

C05.115 APL Programming in Architecture
See course description under Bachelor of Science (Architecture).

C17.101 Natural Sciences I
Topics covered include: first order 1st degree differential equation; linear differential equations of *n*th order with variable coefficients; series solutions and partial differential equations.

C17.102 Natural Sciences II
Topics covered include: laws of algebra of complex numbers; form a + ib, Argand Diagram, loci; De Moivre's theorem; functions of a complex variable; differentiability—Cauchey-Riemann conditions; integration; conformal mappings.

C17.103 Natural Sciences III
Topics covered include: approximations—linear, Newton's method, Quadratic approx., Taylor's and Maclaurin's theorems. Validity of expansions and rate of convergence. Numerical methods—differentiation, trapezium rule. Simpson's rule, numerical method for solving equations, finite differences. Difference notation.

C17.104 Natural Sciences IV
Topics covered include: law of algebra of matrices, matrix algebra, diag. matrices, submatrices, determinant of square matrices, etc. Method for solution of simultaneous equations. Gauss-Jordan and Gauss-Seidel methods. Tridiagonalisation, manipulation methods, error propagation, and conditioning of matrices.

C17.105 Systems and Models in Architectural Design
An introduction to system theory and the study of buildings and their environment as complex physical and social systems. The course explores the use of conceptual, physical and mathematical models to represent systems of varying scales and discusses methods of systems analysis and model formulation. The underlying theme is that a system approach provides a means for applying techniques and procedures from other decision making disciplines to the subjective and objective processes of architectural design.

C17.108 Modern Problem Solving Techniques
The aim of this course is to provide an insight into the application of operations research techniques to building design and analysis. The course covers not only techniques but also their methods of application and their use in simulation and model building. The following topics are also discussed—mathematical programming (linear and dynamic programming); layout, network and queuing analysis; decision making via mathematical modelling. A term project which involves the modelling of some system allows the student to apply the approach.

C17.109 Computers in Architecture III
An advanced course in the application of computers in architecture which covers programming concepts, building data structures and databases and problem- or command-oriented languages. Specific computer applications in architecture are examined and developed.

C17.110 Building for the Church
An introduction to the problem of building for the Church. It covers the historical and theological background to church building in its social, economic and political context and examines the current attitudes to this problem.

C17.111 Computer Graphics in Architecture
A beginning course in computer graphics. Topics covered include: graphics devices; line printer graphics; line drawing and plotter graphics; graphics transformations; elementary graphics data structures; passive screen graphics; interactive graphics; developing graphics software systems in architecture.

C17.112 Hospital and Public Health Facility Design
An introduction to the problems and solution which relates to the creation of all types of health facilities. This includes a summary of past and present trends in health care delivery systems and their impact on health buildings, including political, social, economic and capital cost effects. The course continues with an analysis of types and subsystems together with recognisable analogies for other complex buildings, including an appreciation of interactions between like subsystems.

C17.113 Art X
C17.114 Art XI
C17.115 Art XII
C17.116 Art XIII
C17.117 Art XIV
C17.118 Art XV
See note under Bachelor of Science (Architecture) courses C05.101 to C05.109.

C17.201 General Elective A
C17.202 General Elective B
C17.203 General Elective C
C17.204 General Elective D
C17.205 General Elective E
C17.206 General Elective F
Information on these courses is available from the faculty office.

C01.107 Nineteenth Century Architecture in Australia
C01.109 Theatre Design and History
C01.110 History of Building Science A
C01.113 Oriental Art and Architecture A
C01.114 Oriental Art and Architecture B
C01.115 Principles of Romantic Design
C01.118 Contemporary Design
C01.119 Renaissance to Baroque Architecture
C01.120 History of Urban Design A
C01.121 History of Urban Design B
C01.122 The Modern Movement in Architecture
C01.124 Twentieth Century Architecture in Australia pre 1940
C01.125 Twentieth Century Architecture in Australia post 1940

See course descriptions for the above courses under Bachelor of Science (Architecture).

C18.101 Conservation and Restoration Programme
The aims of the programme are to contribute to the conservation of Sydney's environment, and to engage students in a sound analytical enquiry into aspects of the built environment and the preparation of design documents for the rehabilitation of existing structures. The course will include lectures, seminars, historical research and documentation, and design proposals. The final submission will be in the form of an advanced study report.

C18.102 History of Building Science B
An examination of the history of architectural science in relation to general history and the histories of architecture and science during the 19th and 20th Centuries. Topics covered include: the invention of steel and reinforced concrete construction, the development of rigid-frame theory, the mechanisation of structural design, the revival of three dimensional structure, new building materials and the industrialisation of architecture.

C19.101 Advanced Study Report I
C19.102 Advanced Study Report II
C19.103 Advanced Study Report III
C19.104 Advanced Study Report IV
Information on these courses is available from the faculty office.

BACHELOR OF LANDSCAPE STUDIES

C70.101 The 20th Century Landscape Movement
An examination of the 'modern' landscape styles that have influenced current landscape design theories. The course traces the development of the landscape profession from around 1900 to the present, and compares the distinct styles that have evolved in regions such as North America, South America, Mexico, Europe, Middle East, Asia, Pacific Islands and Australia. The work, writings and design philosophies of selected landscape architects are studied and analysed to determine their appropriateness to specific regions.

Students are expected to make extensive use of the wide range of literature, especially current serials, and audio-visual material available in the library to supplement lectures and to make a major contribution to class discussions.

C70.201 Theory and Practice of Landscape Design
Discussion of the traditional theories of landscape design as outdoor living spaces for man, and the changing attitudes of society towards conservation, environmental design and landscape management. Examination of landscape design as a conscious arrangement of forms and spaces for use and pleasure, and an understanding of the qualities and characteristics of the material available and the techniques applicable, for creating new landscapes. Introduction to concepts and methodologies of landscape evaluation.

C70.301 Environmental Perception
The course examines the development of environmental perception as a relatively new field of relevance to environmental planning and design, and research that has contributed to development of theory in environmental perception. Methods of study, models of landscape experience, scientific method and areas of environmental psychology are considered in studying and critically analysing their relative contributions to practical and theoretical aspects of environmental perception and cognition, and evaluative techniques derived from them. Emphasis is placed on aspects of design method, the relationship between research and design, and the use of research information in design. The course focuses on ways of revealing how people structure their experience of their environment in terms of inputs from the sensory, particularly visual, systems, and the ways in which that structure reveals cognitive processes of special relevance to environmental design and evaluation.

C70.302 Environmental Philosophy and Ethics
A forum for comparing, discussing and assessing the landscape policies, values and attitudes of government bodies, professional institutes and individual practitioners.

An overall theme is man's responsibility for the landscape, the conflicts that arise between development and conservation and the inevitable trade-offs that must be made when decisions are reached. The aim is to make students aware that man is a part of, and not apart from, the environment in which he lives. Emphasis is placed on examination of topical environmental issues of a controversial nature together with classic case studies.

C70.401 Landscape Assessment
Large-scale site planning, including stages of survey, analysis, evaluation and assessment, leading to proposals for various design schemes. Topics covered include: introduction to history and evolution of landscape assessment; examination of objectives and means of communication of information; consideration of a variety of methods for determining visual, biophysical, cultural and historical characteristics of landscape; role of assessment in the planning/design policy continuum; the evaluation as a vehicle for policy change and tool of research. Practical work will concentrate on research and communication aspects of assessment, and analytic procedures.

C70.501 Landscape Construction
Emphasis on site investigation techniques, surveys and data collection, earthworks, natural and artificial drainage, surfacing with hard materials, design and construction of simple structures, design and construction of water features. Specifications.

C70.502 Planting Design
Emphasis on plants as design elements. Historical review of traditional and modern uses of plants. Aesthetic and environmental uses of plants. Problems and opportunities associated with specific sites. The need for temporary and permanent planting. Maintenance and management techniques and policies. Specifications, availability, specialist nurseries, selection process, schedules.

C70.601 Landscape Field Course I
An extended field excursion (1 week) to allow students to experience a range of different landscape types (arid, alpine, tropical) that are in marked contrast to the Sydney region. Fieldwork will include a study of natural systems, measuring and recording biophysical data, observing and recording landscape perceptual qualities and assessing the impact of certain land uses.

C70.602 Landscape Field Course IIA
An extended field excursion (1 week) to allow students

to examine and evaluate a region of major importance in terms of regional landscape design. Examples would be Canberra, Albury-Wodonga, Bathurst-Orange. Fieldwork would be integrated with a studio design project.

C70.603 Landscape Field Course IIB
An extended field excursion (1 week) designed to give students an opportunity of examining large-scale land management operations such as agriculture, forestry, mining, power generation, recreation, water storage etc. Emphasis would be on multiple use of land, staging of operations, short and long term uses and landscape conservation and rehabilitation needs. Fieldwork would be integrated with a studio design project.

C70.701 Landscape Design I
A series of individual and group projects over a three-term period. Projects will range in scale and complexity from private domestic gardens to public open space associated with urban development recreation areas and institutional buildings. Real-life projects with client participation will be encouraged.

C70.702 Landscape Design IIA
A similar approach to that employed in Landscape Design I and building upon this experience. Emphasis will be on designing at a larger scale, with one project involving group participation on a regional scale (e.g. State Recreation Area) with multidisciplinary inputs.

C70.703 Landscape Design IIB
A multidisciplinary approach to a large-scale design problem in which students will evaluate visual and biophysical qualities and, within a range of development options, identify the areas of expert knowledge required by the decision-making machinery, and integrate design expertise with this.

DIPLOMA IN TOWN AND COUNTRY PLANNING MASTER OF TOWN AND COUNTRY PLANNING

C30.001 Statistics for Planning
An introduction to the basic statistics required for planning. This short course covers the general problem of inference, the organisation of data and elementary frequency distributions, hypothesis testing, variance analysis, contingency tables, two-variable regression and correlation, sample size and the control of decision errors.

C30.002 Mathematics for Planning
An introduction to the basic mathematics required for planning. This short course will cover functions and their diagrammatic representation, elementary calculus, functions of general variables and constrained maxima and minima.

C30.010 Introduction to Planning
The major aim of the course is to encourage a critical evaluation of the nature of planning. This is achieved by a structured review of literature and the analysis of case materials to develop a basic understanding of the social and political processes that provide the context for planning activity and the legal and institutional arrangements that structure the practice of planning.

C30.011 Planning Law
Intended to give a comprehensive understanding of all the legal materials under which planners may have to work and which they themselves may have to prepare. These include statutes, subordinate legislations (ordinances etc.), court and tribunal decisions and council codes. As part of this study there will be consideration of the legal relationship and power of various decision making bodies, ranging from the Australian Government to local councils.

C30.012 Economic Theory in Planning I
An introduction to the concepts and theories used in any process of evaluation in planning.

C30.013 Planning Methods
A critical introduction to the major analytical methods used in urban and regional planning.

The first section comprises a review of data sources, questionnaire design, survey methods and sample validation. Multiple regression analysis and its assumptions illustrated with reference to planning applications and the problems encountered using spatial and temporal data.

The second section studies methods for the examination of factors underlying the distribution of employment, community economic base studies, the interrelationships between industries via input-output analysis, population distribution and migration.

The final section includes basic material on accounting systems and discounting and proceeds to outline approaches drawing upon systems analysis, decision analysis and strategic choice, with examples drawn from land use-transportation planning.

The course concludes by addressing the main methods for evaluating planning proposals.

C30.014 Evolution of Development Concepts
This course introduces the major social and economic concepts of development and the values implicitly within these paradigms. It provides a basis for a critical examination of contemporary approaches to development and the origins of associated policies for urbanisation and spatial inequality. It is concerned with the application of these concepts in the formulation of policies in high and low income nations.

C30.015 Planning Theory and Practice
This course critically reviews planning theory literature and considers its relevance to practice. Procedural and methodological aspects of planning are emphasised, and the limitations and scope for systematic approaches examined. It relates theoretical concepts to the organisation, administration and management of planning within the public sector.

C30.114 Public Administration in Planning
An analysis of the Australian public administrative system, its components and their interrelationships specifically related to the formulation and implementation of public policy within the context of town planning. The course deals with public administration concepts, principles and techniques and views the public administrative machinery as a tool to aid the formulation and implementation of public policy.

C30.115 Management Practice in Planning
The course looks at management concepts, principles and techniques across the range of management functions of planning, leading, organising and controlling. The achievement of town planning objectives at all levels requires considerable skills in coordinating in-

puts from a wide range of specialist professional-technical advices and in operating administrative and bureaucratic systems. This course is seen as a follow on course to 'Public Administration in Planning' and aims at developing an understanding of and skills in management within the individual.

C30.117 International Development Policies
An introduction to the concepts and policies formulated during the 1970s and early 1980s by international development agencies and research foundations. Inherent in their concepts is an applied approach to development. The course analyses the substantive aspects of a new international order, of 'another development', habitat, the human environment, the scope of international development programmes currently undertaken by United Nations' agencies and the regional development issues affecting Australia's relations with developing nations.

C30.219 Introduction to Computing in Planning
The aim of this course is to develop skills in the writing of programs and in the use of packaged programs for data analysis. The course will teach basic FORTRAN and will provide an introduction to the use of SPSS (Statistical Package for Social Scientists).

C30.223 Spatial Statistics
The aims of this course are to familiarise students with the spatial analogues of linear statistical methods and to introduce the main modes of spatial analysis. Topics to be covered include the use of index numbers, areal moments and areal correlation, principal components and clustering procedures, the analysis of point patterns and the study of spatial interaction data. Time will be set aside for pursuing additional topics to which students would like exposure.

C30.224 Research Methods
The aim of this course is to introduce some advanced analytical models to those suitably qualified students who wish to specialise in a quantitative approach to urban and regional studies.

C30.225 Programmable Calculator Applications in Planning
This course teaches how to structure problems for programming on calculators and provides practical support for other courses in the department that use numerical methods. On completion, students will be able to greatly increase their efficiency in undertaking project work.

C30.306 Environmental Systems
The course addresses the dynamic interrelationships found in man-environment systems. It analyses the criteria for the location of human activities and settlements; the processes in which man both seeks to conform to his environment and attempts to adjust it to his own needs and wants; and the salient characteristics of urban and regional environments. Environmental impact statements will analyse further the effects of human intervention in the natural environment.

C30.312 Physical Planning I
The aim of this course is to develop an understanding of the interactions between types and intensities of land use, transportation and the physical environment.

C30.313 Physical Planning II
The aim of this course is to develop skills in the planning and organisation of complex associations of land use. Residential, industrial, commercial, recreational and institutional uses are studied independently, in relation to each other and in relation to the physical environment. Skills in the use of zoning and other instruments as policy tools are developed.

C30.314 Urban Design
The aim of this course is to develop skills in the application of design criteria to planning. The emphasis is on the translation of policy into design criteria, the formulation and evaluation of design proposals and on developing skills in the use of statutory and other instruments to achieve urban design objectives.

C30.315 Transportation Planning I
This course begins with an overview of the evolution of main ideas and methodologies relating to transportation planning. Literature addressing economic engineering, urban design, environmental, geographical and social aspects is reviewed. The significance of transportation is one factor influencing the growth of settlements and the form of urban development is discussed. The latter section of the course emphasises current approaches. Traffic generation, trip distribution, assignment and modal choice models are introduced. Simple problems are analysed to illustrate their application. Important skills and understanding for preparing physical plans are developed.

C30.316 Transportation Planning II
This course outlines the main approaches to land use transportation planning. Major criticisms are discussed. Methods to assist in evaluating environmental, distributional, accessibility and economic aspects will be reviewed. Recent literature and case studies are discussed to illustrate different approaches and the application of analytical techniques. In the latter sections of the course attention is given to analysing simple transportation problems, undertaking studies and preparing proposals.

C30.317 Environmental Design
The course provides the opportunity to apply problem definition, analysis, evaluation and implementation skills to a project of neighbourhood scale. It includes the application of skills in the preparation of a planning brief, in the costing and evaluating of alternative proposals, in the preparation of detailed physical plans and development control instruments.

C30.318 Case Studies in Development Control
The analysis and evaluation of planning problems in terms of policies and statutory instruments of control. A series of problems are presented to generate an awareness of the way in which policy issues relate to the urban change process, and to develop the ability to structure complex information for decision making.

C30.319 Settlement Development Processes
The course considers the process of human settlement as a consequence of development forces and environmental conditions, set within an historical context. It examines entire settlements and their support resources, their physical structure, technology and services in relation to issues such as rate of settlement growth and degree of self-sustainment. The processes are then examined in relation to settlement policies, drawn from both industrial and transitional societies.

C30.415 Urban Land Economics
The nature of land resources, interaction of land, labour, capital and management; land capacity and efficiency; theory of rent; relation to value and spatial allocation of land uses, real estate market; project feasibility; finance for planning schemes; land taxation and valuation.

The course also outlines the institutional frameworks within which planners and developers, both public and private, pursue their related roles. Planning and other controls that affect land—for example those concerning tenure and taxation—are described; their impact on land use, intensity of use and value of land, are investigated.

C30.418 Comparative Statics
An introduction to a body of theory and techniques fundamental to the rigorous analysis of planning policies. The objective of the course is to develop student skills in the explicit analysis of the effect of policies from specified sets of assumptions. Assessments will be on the basis of the student's performance in project work in which he or she will be required to apply the skills to the evaluation of alternative housing, transport and land tax policies.

The course assumes an elementary knowledge of calculus.

C30.419 Economic Theory in Planning II
This lecture course elaborates upon the concepts and theories used in planning evaluation. The concepts are from modern microeconomic theory. Throughout the course there will be an emphasis on the application of the concepts to practical problems. A number of projects in urban planning, transportation and the social sciences will be examined in terms of assumptions, methods used for obtaining information from data analysis and the relevance of the information to different types of problems.

C30.420 The New Urban Economics
The aim of this course is to develop an understanding of, and skills in the modelling and predicting of the effects of changes to, the determinants of the spatial distribution of urban activity. The concept of optimum or market equilibrium land use is developed through the use of the mathematical techniques of optimisation, comparative statics and the calculus of variations.

C30.421 Public Economics in Planning
A comprehensive survey of theories underlying the production of optimal plans in a spatial setting and evaluation of planning practice in this context. Particular emphasis is given to the theories of: local public goods and the implications for optimal spatial arrangements, and environmental policy. Examples of the former include the provision of roads, public transport, public recreation space, health and education and, for each, the appropriate level of provision. Examples of the latter are appropriate policies to reduce air and water pollution, to determine the optimal depletion rate of exhaustible resources, to encourage visual amenity and to offset the harmful effects of externalities such as traffic congestion. A selection of conventional approaches such as tax/subsidy schemes, direct incentives, zoning regulations and minimum standards are examined taking particular note of constraints imposed by existing institutional arrangements.

C30.422 Planning Law II
The aim of this course is to extend the spatial focus of planning law and to introduce students to law concerning the regulation of externalities and the provision of public goods in a non-spatial context. More generally it presents law as an instrument of broad public policy and planning, with some emphasis on legal techniques for state correction of market failure. The course does not present the theoretical foundations of such law, but treats the law as a means of implementation of policy, law being the principal means by which policies are brought into effect. Particular laws that are considered are in the areas of taxation, social welfare, economic regulation and public administration.

C30.423 Planning for Rural and Resource-Based Communities
Social, economic and environmental aspects of rural settlement planning and management are considered from four main perspectives: the problems of small rural agricultural service centres; planning for rural Aboriginal communities; the planning and establishment of mining towns; and the planning of resource-based communities in the Third World. The emphasis throughout is directed towards the resolution of key development problems and the experience of the Australasian region.

C30.517 Social Impact Assessment
Impact assessment methodologies and analytical techniques appropriate to analysing alternative programmes and policies; use of social indicators, survey analysis, social profiling and other group assessment techniques. Emphasis on application and group work.

C30.518 Housing and Planning
An introduction to housing policy in Australia. Lectures cover the central concepts in the housing literature with particular emphasis on the problem of urban housing and the policy responses as they are expressed by some of the main actors. These are the public sector represented by federal and state agencies; the private commercial sector, and the popular sector represented by the voluntary organisations.

C30.519 Management of Urban Change
This course provides an opportunity for the study of the social and political context within which planning is practised. It focuses on the interaction between social processes and spatial policy by examining the role of the major participants in the planning process.

C30.520 Development Control
The aim of this course is to provide a basic understanding of development control practice and procedures. Following an initial consideration of the philosophy of control, students undertake the analysis of selected case materials drawn from local and state governments to examine the relationship between control and policy and to appreciate the significance of the organisational and procedural elements of development control practice.

C30.521 Analysis and Design of Housing Policy
The focus of this course is the design of housing policy. The course examines alternative theories concerning the causes of housing problems and presents models which derived rules for optimal policy design under different conditions.

The objectives will be to provide an understanding of housing problems within the context of policy

design in first and second-best environments, and to develop skills in the analysis of problems and the formulation of policy.

C30.608 Urban and Regional Development Practice
The course appraises current development practice through the mechanisms of national planning and project implementation, with emphasis on developing nations. It compares plans, policies and major urban projects in various countries in terms of their objectives and development proposals. It then examines the changing trends of recent international planning practice.

C30.614 Urban and Regional Development Theory I
This course aims at providing an understanding of regional development theories and their application to policies of both high and low income countries. The first part of the course deals with regional development theories and their underlying assumptions. The second part provides a basis for the critical examination of regional policy formulation and application.

C30.615 Urban and Regional Development Theory II
The study of comparative urbanisation permits further enquiry into those theories that might better account for past conditions and explain the present operation of the urban system. The first part of the course examines contemporary theories of urbanisation from several disciplinary perspectives. The second part focuses on the major policy areas of migration, employment and housing with an emphasis on the cities of newly industrialising societies and conceptualisations of the informal sector, leading to the prescription of appropriate plans and policies.

C30.616 Trade, Growth and Development
Contributions to international trade theory of general application to the analysis of policy at all levels of government. Trade models capture interdependencies within social groups formed by international trading communities and as well by regions, local government areas, clubs, households and individuals. In the international context the models are used to analyse trade policies for growth and development. Conditions characterising the structure of international markets are examined. Emphasis is on analysing the effects of these conditions on the optimality of different trade policies and their impact on alternative development projects. The course also presents applications of the models to the study of regional growth policies, incentives for decentralisation, price regulation, conservation and natural resource policies.

The objective is to provide a knowledge of analytical techniques used for evaluating trade and development policies, and to develop skill in application to a variety of areas.

C30.801 Case Study A
C30.802 Case Study B
C30.803 Case Study C
C30.810 Study Report I
C30.811 Study Report II
C30.812 Study Report III
C31.110 Advanced Study Report I
C31.111 Advanced Study Report II
C31.112 Advanced Study Report III
C31.703 Dissertation
The dissertation is seen as an original investigation on a subject proposed by the student and approved by the head of the Department of Town and Country Planning.

C31.704 Thesis

MASTER OF LAND ECONOMY
DIPLOMA IN LAND ECONOMY

C80.101 Law in Land Economy I
An introduction to the constitutional framework of law-making in Australia and to Anglo-Australian property law with emphasis on real property (particularly fragmentation of proprietary interests, systems of title, land transactions, introductory torts law). This is followed by a coverage of the principal areas of the public regulation of private landholdings.

C80.102 Law in Land Economy II
This course builds on the foundation of C80.101 Law in Land Economy I in extending the focus of the interaction, within the law, of private interest and public regulation beyond a purely land-based area. In doing so it provides an introduction to the basic features of contract law relevant to the study of land economy and material on the legal techniques of public regulation of land-based and non-land-based activities including standards setting, licensing and bureaucratic discretions.

Students will be expected to have read an introductory text on land law.

C80.201 Land Economy I
The subject covers the area traditionally known as microeconomics. The aim is to provide a consistent theoretical framework for problems in land economy. The course concentrates on aspects of economic theory which are regularly used in the analysis of policies controlling property rights and land values.

The course begins with partial analyses of consumer equilibrium and the application of utility theory to public pricing policy. Next, the producer and the properties of competitive and imperfect markets are examined. Finally, in the partial equilibrium analysis, factor markets on both the demand and supply sides are considered. This completes the rules for positive economic analysis. The subject then proceeds to the policy implications or normative domain of land economy and examines such issues as the role and appropriate forms of government intervention.

C80.202 Land Economy II
The economics of land resource use, including the following topics: the economic and institutional characteristics of land and landed interests; the proprietary land unit as an organising concept. The theory of resource allocation and land use determination; implications of competitive markets; the concept of highest and best use and its limitations. Relationship between rent, income and resource allocation. Imperfections in the real estate market: competition, monopoly, social costs.

Attention is then turned to productivity analysis, investment rationale and demand determinants for the major types of land use. Principles of valuation of landed interests, valuation tables, project feasibility and data sources. Taxation of land resources; economic functions of ownership.

C80.203 Land Economy III
This course aims at fusing the law in relation to property rights in land with economic theory. Law defines conduct among people concerning rights pertaining to all scarce goods including land. Market transactions are not so much in land itself but in the rights attaching to it. The bundles of rights attaching to goods define

the use to which they may be put, their value and the terms of trade. Given a change in the legal definition of rights, the character of goods also is changed and a new distribution of welfare follows. Thus the profile of rights directly constrains the economy's productive capacity and, in a welfare context, the efficiency and distribution of society's scarce resources. By defining the existing structure of property rights and those affected by alternative policies, the institutional context within which the resource allocation problem resides is more completely specified.

The recognition that different profiles of rights can be endowed by different societies means that analysis need not solely assume profit maximisation in private firms or unconstrained welfare maximisation in the context of government policy. The inclusion of property rights makes possible the analysis of the interrelationships between institutional structures and economic activity.

The course will investigate the major strands developed in the literature on the economics of property rights and will present a number of case studies developed within this framework.

C80.204 Accounting Principles in Land Economy
An introduction to the data requirements of various economic decision models. Those data requirements will, to a large extent, be satisfied by the output of accounting systems and various forecasting techniques. Therefore, accounting and forecasting will be introduced as service functions. Conventional accounting reports will be analysed to establish their relevance to and reliability for decisions, the emphasis will be placed on the need to distinguish the factual from the non-factual components of accounting reports. Recording techniques, the principles of double-entry bookkeeping and computer-based systems will be dealt with only insofar as they enable the students to evaluate the quality of the output from the accounting system.

Current proposals to overcome the acknowledged defects of conventional accounting methods will be discussed briefly, and evaluated in terms of their relevance to decision-makers both within and external to the accounting entity (government or business).

The significance of knowledge of present financial position, and the usefulness of past financial experiences as a basis for predictions of the outcome of future actions, will be emphasised.

Students who have not studied accounting previously will be expected to have read an introductory text before commencing the course.

C80.301 Applied Statistics in Land Economy
Topics in survey design, the use of questionnaires, applications of multiple regression and the analysis of time series data.

C80.302 Mathematical Methods in Land Economy
The objective is to develop skills in optimisation. The primary technique covered is linear programming and some of its extensions. Examples, definitions and statements of the principal theorems will be followed by a treatment of linear algebra, the theory of linear programming and applications to the solution of land-based problems.

C80.303 Property Investment Analysis
Related areas of the mathematics of finance and project evaluation. Extensive use will be made of case study materials. The mathematics of finance segment will include topics such as discounting and compounding, methods of investment appraisal and their comparison; the cost of sources of capital; project analysis under alternative financing policies; risk analysis and optimal financing.

The project evaluation segment will commence with an outline of the conditions under which decisions are made: the satisfaction of single and multiple criteria, with and without time horizons and under conditions of certainty and uncertainty. Attention will be on four of those eight combinations: certainty, single criterion, no time horizons (the trade-off situation); uncertainty, single criterion with no time horizons.

Decision and benefit-cost analyses will be considered in relation to project evaluation.

Students will be introduced to structuring more complex problems into forms suitable for evaluation. Attention will be given to analysing sensitivity to changes in criteria and information. This will be followed by an introduction to searching methods for 'best' solutions such as scheduling capital outlays to minimise net outflows. Limitations of formal approaches and difficulties with evaluation will be discussed.

C80.401 Introduction to Planning
The major aim is to encourage a critical evaluation of the nature of planning. This is achieved by a structured review of literature and the analysis of case materials to develop a basic understanding of the social and political processes that provide the context for planning activity and the legal and institutional arrangements that structure the practice of planning.

C80.501 Comparative Land Policy
An outline is given of the main perspectives developed by social theorists concerning the right and proper form of property in land and the source of the authority whereby property rights are held. Juridical theories of property are reviewed, with attention to the powers associated with property rights. The differences in principle underlying a classification of tenurial systems are discussed. A review of the principles utilised leads to perspectives on tenure which accommodate a particular system as a special case.

These threads are tied together in some case studies of land reform programmes. Their efficacy will be evaluated from the viewpoints of the economic and social functions of ownership, the powers of the property rights assigned and the principles underlying the system proposed in the reform programmes.

C80.502 Urban Property Management
The first part of this course is devoted to architectural science aspects of building management such as: the maintenance consequences of using different building materials for the same purpose; economics of alternative fuels and of converting from one to another; column spacing, floor loading capacities and subdivision of space into rental units; a general review of Ordinance 70; building and maintenance contracts; lease documents.

The second part will combine documented case studies of building development and management policies with field inspections. It will culminate in the preparation of a written report of recommendations designed to overcome defined problems associated with the implementation and continuing management of a particular project. In the report, students will be expected to show a grasp of skills acquired in other related subjects.

Bridging courses

C80.001 Statistics for Land Economy
A short bridging course introducing the basic statistics required for Land Economy, for those having no previous training in statistics. It covers the general problem of inference, the organisation of data and elementary frequency distributions, hypothesis testing, variance analysis, contingency tables, two variable regression and correlation, sample size and the control of decision errors.

C80.002 Mathematics for Land Economy
A short bridging course introducing the basic mathematics required for land economy, for those having no previous training in mathematics. It will cover functions and their diagrammatic representation, elementary calculus, functions of several variables, constrained and unconstrained maxima and minima.

MASTER OF BUILDING SCIENCE
DIPLOMA IN BUILDING SCIENCE

DIPLOMA IN BUILDING SCIENCE (ENERGY-CONSERVATIVE DESIGN)

DIPLOMA IN ARCHITECTURAL COMPUTING

DIPLOMA IN ILLUMINATION DESIGN

Area: General

C21.001 General Elective A
C21.002 General Elective B
C21.003 General Elective C
C21.004 General Elective D
C21.005 General Elective E
C21.006 General Elective F
Information on courses C21.001-6 will be available from the faculty office.

Area: History of Building Science

C21.101 History and Philosophy of Science (Building science)
Major philosophical developments in Western scientific thought from the Copernican Revolution. Topics covered include: The 17th Century Scientific Revolution, the discovery of earth's history, the Darwinian Revolution, the scientific movements in the 18th, 19th and 20th centuries.

C21.103 History of Building Science A
See course description under Bachelor of Science (Architecture) (C01.110)

C21.104 History of Building Science B
See course description under Bachelor of Architecture (C18.102)

Area: Architectural Structures

C21.201 Architectural Structures
General design aspects of structures are considered. The course covers the choice of structure, including aesthetic and economic considerations, inelastic behaviour of materials and the failure of building materials, dead, live, wind and dynamic loads, a review of classical elastic theory, plastic steel design and the pathology of structural failures.

C21.202 Concrete Design I
An introduction to concrete design, covering simple design of concrete beams, columns and slabs, and the properties of concrete as a material.

C21.203 Advanced Concrete Design
See course description under Bachelor of Architecture (C13.104)

C21.204 Complex Structures
See course description under Bachelor of Architecture (C13.105)

C21.205 Shell Structures
Shell structures, design of shells and folded plates using bending and membrane theories.

C21.206 Model Analysis
See course description under Bachelor of Architecture (C13.107)

C21.207 Experimental Structures
See course description under Bachelor of Architecture (C13.109)

C21.208 Tall Buildings Structures
See course description under Bachelor of Architecture (C13.102)

C21.209 Foundations for Buildings
See course description under Bachelor of Architecture (C13.102)

C21.210 Selection of Structural Form
See course description under Bachelor of Architecture (C13.110)

Area: Building Materials

C21.301 Building Materials I
See course description under Bachelor of Architecture (C13.101)

C21.302 Building Materials II
The physical properties of materials in terms of their chemistry. The chemical properties of the main material groups—plastics, metals, ceramics, and composites—are discussed.

C21.303 Industrialised Building Systems
Traditional building methods compared with both open and closed industrialised building systems.

C21.304 Materials Technology
Concrete technology, testing and acceptance criteria, precast concrete techniques, in-situ concrete techniques; timber technology, reduction, preservation, plywood, particle board and glue lamination, fabrication of timber trusses.

C21.305 Pollution and Building Materials
The disposal of solid and liquid waste, airborne wastes and the effects of pollutants on the environment, the effects on materials of pollutants in waste water and in the atmosphere.

Area: Mathematical Methods

C21.401 Computational Methods in Building Science
An introduction to the computation methods used in architecture and architectural science, specifically in the following areas: building structures; energy usage;

daylighting and sunshading; artificial lighting; acoustics; social sciences. Information is provided on the panoply of needs and tools available to handle typical problems.

C21.402 Statistical Methods in Building Science
The course covers: the use of statistical analysis; frequency distribution and data arrangement; measures of central tendency and dispersion; probability and probability distributions—normal, binomial and Poisson; random samples and sampling distributions; estimation and hypothesis testing—*t*-distribution, chi-square tests; linear regression; multiple regression and correlation; questionnaires; SPSS computer program.

C21.403 Introduction to Mathematical Methods
Topics covered include: first order 1st degree differential equations; linear differential equations of *n*-th order with variable coefficients; series solutions; partial differential equations; finite difference calculus.

C21.404 Complex Numbers in Building Science

C21.405 Numerical Methods in Building Science
Topics covered include: approximations—linear, Newton's quadratic; Taylor's and Maclaurin's series; validity of expansions and rates of convergence; numerical differentiation; equation solving; finite differences; nonlinear equations.

C21.406 Matrix Methods in Building Science
Topics covered include: matrix algebra; diagonal matrices, sub-matrices, determinants, etc.; simultaneous equations; Gauss-Jordan and Gauss-Seidel methods; tridiagonalisation; error propagation; manipulation methods; conditioning; computer solutions.

Area: Building Construction

C21.501 Building Construction
Remedial course for non-architects, dealing with all aspects of construction, construction techniques, materials, site conditions, building failures, etc.

C21.502 Building Law
Topics covered include building contracts and the legal duties and responsibilities of architects and engineers.

C21.503 Protective Construction
The design and construction of buildings to resist natural disasters, nuclear blast and fallout, vandalism, riot and lightning protection. The economic aspects are discussed.

C21.504 Fire and Security
See course description under Bachelor of Architecture (C12.105).

C21.505 Tall Buildings Construction
An outline of the problems of tall building construction, steel and concrete construction methods and recent developments in construction and demolition techniques.

Area: Man and Environment

C21.601 Architectural Acoustics I
An introduction to acoustic terminology and development of the wave equation, simple sound propagation theory, the ear and hearing, subjective effects of noise, sound transmission through walls and partitions, sound absorption, the behaviour of sound in a room, and auditorium acoustics.

C21.602 Architectural Acoustics II
This course, which is a continuation of Architectural Acoustics I, includes the measurement, prediction and control of environmental noise, noise control in buildings and building services, vibration transmission in buildings, acoustic modelling, and legal aspects of noise control.

C21.603 Acoustical Measurement
This course is intended for students who have taken Architectural Acoustics I and II to give practical experience, but could, under special circumstances, be taken by those who have completed Architectural Acoustics I only. It will consist mainly of laboratory and field measurements, with some lectures on instrumentation and measurement techniques.

The course will include information on sound level measurement, source identification, frequency analysis, time domain analysis, statistical analysis of time varying signals, sound power measurement, sound absorption, sound transmission loss, environmental noise measurement and assessment, audio system performance assessment and vibration and shock measurement and analysis.

C21.604 Architectural Psychology
An introduction to the relatively new area of architectural psychology, dealing with sociometric methods, visual and aural perception, privacy and methods of application.

C21.605 Man-Environment Studies
Topics covered include: ergonomics, human engineering, the principles of man-environment studies, testing tools and some case studies.

C21.606 Wind Effects on Buildings
See course description under Bachelor of Architecture (C12.113).

C21.607 Tropical Architecture I
An introduction to problems peculiar to tropical architecture, including an historical outline followed by consideration of the tropical climate, comfort zones, thermal indices and human performance, and special needs of shelter in tropical regions.

C21.608 Tropical Architecture II
This course follows on from C21.607 and considers indigenous architecture, social organisation and the impact of technology, methods, materials, housing, planning, design for natural ventilation and techniques for estimating thermal comfort probability.

Area: Building Economics and Management

C21.701 Management
This course treats the subject of management through its historical development considering aspects such as behavioural concepts, motivation, the manager, Blake's grid, and performance and appraisal methods.

C21.702 Building Economics
Applied macroeconomics of the building industry and the Australian economy; and the applied micro-

economics of investment appraisal, capital cost, risk analysis, leasing decisions and property analysis.

C21.703 Economic Feasibility Studies
The feasibility study is examined as the basis of building development. The following topics are discussed: market survey, planning requirements, preliminary modelling, cost and time determinants and computer based studies.

C21.704 Finance for Building Improvements
This course will discuss means by which the raising of finance for building improvements might be justified. It examines the effects of the building decision on the financial structure of the building owner or manager and explores strategies for raising the funds.

Topics covered include: building owner's capital structure, leasing and credit arrangements in the building industry; and other sources of finance for building improvement.

Area: Computers

C24.001 Computers in Architecture I
See course description under Bachelor of Science (Architecture) (C03.320)

C24.002 Computers in Architecture II
See course description under Bachelor of Science (Architecture) (C03.321)

C24.004 Computer Graphics in Architecture
See course description under Bachelor of Architecture (C17.111)

C24.005 Computer Graphics in Architecture II
Provides advanced knowledge about the formal basis of computer graphics in architecture through the elaboration of a set of interrelated specialist topics. Also provides the opportunity to utilise graphics systems, drafting systems and procedural geometric modelling systems.

This advanced course assumes the knowledge presented in C24.004 Computer Graphics in Architecture I and C24.002 Computers in Architecture II. The topics covered include: graphics data structures; interactive graphics systems; drafting systems; colour graphics; dynamic graphics; and procedural geometric modelling.

C24.006 Computer Applications in Architecture
An examination of areas in architecture where significant use of the computer has been or could be made. Intended for students who already have a background in computing in architecture.

Topics covered include: brief development; feasibility studies; layout planning; design evaluation; design documentation-drafting, schedules and integrated systems. One or more will be pursued in depth.

C24.007 Computers in Building Structures
See course description under Bachelor of Architecture (C13.108)

C24.008 Computers in Building Services
See course description under Bachelor of Architecture (C12.107)

C24.009 APL Programming in Architecture
See course description under Bachelor of Science (Architecture) (C05.115)

Area: Operations Research

C24.201 Operations Research in Architecture I
An introduction to the concepts of computer-based problem solving using mathematical modelling and operations research, and including the writing of two computer programs.

Topics covered include: systems theory; symbolic models; design by simulation; design by generation and design by optimisation with particular emphasis on design decision making using calculus, dynamic programming, linear programming and heuristic methods. The notions of multi-criteria decision making in design are introduced.

C24.202 Operations Research in Architecture II
The aim of this course is to develop operations research techniques to the level of application in architecture. Its emphasis is design by optimisation in a multi-criteria environment. Topics covered include: nonserial dynamic programming optimisation; stability and sensitivity of design decisions; decision tables; multi-criteria decision making using both preference and non-preference methods; design by Pareto optimisation.

C24.203 Layout Planning
Automated spatial synthesis is an interesting, difficult and controversial area of computer-aided architectural design. This course explores the methods and applications of computational approaches to the planning of buildings. Topics covered include the representation of space, representation of objectives and constraints, solution procedures and layout planning computer programs.

C24.204 Graph Theory in Architecture
Graph theory provides a powerful tool in the modelling and analysis of building form and space relationships. This course examines the concepts of graph theory and its application in architectural design. Topics covered include: introduction to graphs; planar/non-planar graphs; trees and directed graphs; sequencing and computer representations; clusters; adjacency, planar and dual graphs, completion, enumeration and heuristics.

Area: Methodology

C24.401 Systems and Models in Architectural Design
See course description under Bachelor of Architecture (C17.105)

C24.402 Design Methods
This course develops design methods using symbolic models of building systems and discusses the decision making processes. It explores the role of computers in the design process and the relationship between human creativity and formal design procedures.

C24.403 Knowledge Engineering I
Knowledge engineering is that subset of artificial intelligence concerned with the computer-based representation and manipulation of knowledge in symbolic form. It is of direct relevance to the future of computing in architecture and building. This course covers the fundamentals of knowledge engineering, their application in general inference systems and expert systems and the application of these systems in architecture and building. Topics covered include the following: Introduction: The place of knowledge in computing in architecture and building. Knowledge representation: logic—propositional calculus, predicate calculus,

first-order logic; procedural; semantic networks; production systems; frames and scripts. Knowledge as inference. Expert systems: representing expertise; transfer of expertise; meta-knowledge; examples. Knowledge engineering in architecture and building: logic based systems; semantic network based systems; production systems; frame-based systems.

Area: Practical

C24.601 Practical Work

Area: Illumination

C25.001 Vision and Visual Perception

An introduction to the science and art of illumination, examining how individuals maintain contact with and gather information about their environment via their sensory systems, and how this information is dealt with by the brain to create complex perception and awareness of the environment. After a brief general overview of human sensory systems the physiological and psychological processes in seeing are discussed. Topics covered are: the dual nature of light; the physiology of the eye and its musculature; light detection; the visual cortex; neural processing; accommodation, convergence; persistence of vision; colour vision; visual anomalies; contrast sensitivity and visual acuity.

C25.002 Visual Field and Human Factors

Development material dealt with in C25.001 to examine full-field vision and the human factors in lighting the visual field. Topics covered include: the definition of the visual field with regard to size, luminance, contrast and time; the extension of threshold studies to practical task situations; the evaluation of visual tasks with regard to difficulty and complexity; the development of measures of discomfort and disability glare; the illuminance and glare scales used in practical standards; methods for the assessment of tasks and environments; experimental techniques of evaluation such as multidimensional scaling.

C25.003 Laboratory Programme

A practical laboratory programme to support the material covered in C25.001, C25.002, C25.004, C25.005 and C25.006. Experiments will include: the optical bench; visual acuity; contrast sensitivity; photometry of luminaires; the integrating sphere; the artificial sky; lighting appraisals; utilisation factors; electric lamps; measuring instruments.

C25.004 Photometric Concepts and Photometry

An introduction to the rational system of measurement of lighting qualities. Topics include: the development of the system of measurement of luminous qualities; the relationship between radiant and luminous flux; luminous intensity; illuminance; luminance; reflectance; reflection factor; transmittance; mention of refraction; relationships between luminous qualities; basic calculations involved with diffuse surfaces; inverse square law; cosine law; interreflections; Munsell colour system; CIE colour system; graphical representation of photometric data; measuring instruments.

C25.005 Light Sources

Various methods employed in the production of light and the performance criteria applied to the sources are discussed. Topics covered include: a historical outline of the development of sources; the practical requirements of light sources; black-body radiation; the sun; the sky; gaseous discharges; electro-luminescence; chemo-luminescence; incandescent lamps; the iodine cycle; fluorescence; tubular fluorescent lamps; various high pressure and low pressure discharge lamps.

Practical lamps will be discussed in terms of luminous efficacy, spectral output, colour rendering, life supply requirements, control gear, cost, etc.

C25.006 Luminaires

The design, manufacture, testing and the provision of data on luminaires are discussed. Topics covered include: the requirements of luminaires; methods of light control; the properties of optical systems; refractors, reflectors and diffusers; luminance control techniques, manufacture of luminaires and auxiliaries; codes and regulations; testing; costs and classification systems. Calculation of U.F. presentation of photometric data; the presentation of photometric data for indoor and outdoor luminaires; the calculation of utilisation factors, luminances etc. of luminaires.

C25.007 Interior Lighting Design I

This course brings together the material of the six previous courses to develop the concepts and methodologies of interior lighting design. Topics covered include: the perception of colour, form, pattern and space, and issues relating to the perception and comprehension of the large-scale environment, aesthetics, perception and emotion; the limited quantitative procedures in achieving the foregoing; the practical methods available for predicting illuminances from daylight and uniform arrays of luminaires; the prediction of discomfort; appraisals; codes of practice.

C25.008 Interior Lighting Design II

A development of material covered in C25.007 to consider more advanced methods of interior lighting design including: designed appearance techniques; lighting systems; colour and atmosphere creating task analysis, choices of sources and luminaires; practical considerations of various lighting situations (e.g. domestic, offices, factories, hospitals, schools, etc.); special applications (stage, television, merchandising, plants, etc.); economics, maintenance; integration of daylight and electric light.

C25.009 Exterior Lighting Design

The requirements for various exterior lighting applications are discussed. Some topics will be treated in greater depth (e.g. various floodlighting techniques) than others (e.g. road, tunnel, aircraft and navigation lighting). Topics covered include: general floodlighting requirements; floodlighting equipment; light distribution; calculation methods; area floodlighting; building floodlighting, road lighting; pedestrian lighting; tunnel lighting; vehicle lighting; traffic signals; airport lighting; navigation lighting; display lighting; advertising.

C25.010 Practical Project

The project will demonstrate the student's ability to carry out some practical exercise in lighting. This may be a theoretical or practical laboratory or design exercise. The project can be commenced at any time during the diploma course.

Area: Building Energy Systems

C26.101 Building Climatology

Climatic elements of relevance to the building designer, particularly those that directly affect the net amounts of energy impinging on a building and available for direct usage or convertible into other forms.

Topics covered include: major climatic elements, short-longwave radiation, air temperatures, wind, rain, humidity, etc.; energy flows in the biosphere; heat budget of the earth surface; factors of microclimate; longwave radiation environment around buildings; effects of vegetation upon microclimate; measurement, observation of microclimate; major climatic zones of Australia; and availability and form of climatic data in Australia.

C26.102 Thermal Comfort
This course relates energy conservation measures to consideration of thermal comfort criteria in buildings. Topics covered include: Definition of thermal comfort, what makes an environment comfortable; determinants of thermal comfort, air, temperature, radiant temperature, moisture content, air movement, mechanisms for heat production and loss in man; thermal comfort indices; perception of the physical environment in buildings; the response of building users to changes in their environment and thermal comfort criteria in extreme climates.

C26.103 Thermal Properties of Buildings I
Basic concepts of heat transfer processes in buildings, concentrating on basic fundamentals and simplified analytical procedures. Topics covered include: thermal properties of building materials, conductivity, resistivity, etc.; models of heat transfer, conduction, convection, radiation; heat flow through glass; sol-air concept; steady-state heat transfer; simple procedures for periodic heat transfer and equivalent temperature differentials.

C26.104 Thermal Properties of Buildings II
Dynamic response of buildings to varying external conditions. Two types of analytical techniques are discussed: those that assume external conditions vary in (a) a steady cyclic manner and (b) in a random manner. In the case of the latter, the treatment will be non-mathematical.

Topics covered include: thermal properties of materials affecting dynamic response, thermal capacity, admittance; the importance of thermal inertia in building constructions; thermal response of walls, roof surfaces under steady cyclic conditions; thermal effects of window/sun control combinations, heat transfer process through glazing; solar radiation transfer processes at internal surfaces; influence of orientation, glazing type and sun control devices on heat transfer; calculation of summer time temperatures in non-airconditioned buildings using the BRE admittance procedure; descriptive treatment of ASHRAE Response Factor method for calculating thermal response; heat transfer due to ventilation; and relationship between building fabric design variables and the thermal behaviour of buildings.

C26.105 Thermal Properties of Buildings III
This course relates the thermal properties of buildings to other building design considerations, in particular the relationship between the thermal environment and other environmental parameters. The concept of a total physical environment in buildings is discussed together with the limitations of traditional approaches to analysing and evaluating this environment.

Other topics include modelling the environment in buildings using physical and mathematical models; the use of computers for thermal and environmental analysis; simulation and optimisation in environmental design and advanced thermal models.

C26.106 Energy Systems I
An introduction to the energy requirements of buildings. Topics include: use of low grade heat, mechanical power, lighting, process heat; the laws of thermodynamics as they apply to building energy systems; primary energy sources—coal, oil, gas hydro, nuclear; efficiencies, costs of conversion, storage and reticulation; energy policies—matching sources to requirements, diversity of load and plant, total energy systems; refrigeration systems and heat pumps; air conditioning plant; electricity generation and distribution as a special case of energy policy.

C26.107 Energy Systems II
This course will study high technology energy options beyond the traditional ones covered in Energy Systems I. Topics covered include: nuclear energy, fission, fast breeder, fusion; method of using coal, fluidised bed, gasification, oil from coal, MHD; hydrogen cycles; large scale electrical production from solar energy.

C26.108 Sun Control and Solar Energy
Design methods for determining solar penetration; control of solar heat loads by shading, orientation and construction; the magnitude of solar heat available, and of energy requirements for buildings; simple and more elaborate solar energy collectors; problems of storing energy derived from the sun; efficiencies and economics.

C26.109 Alternative Energy Systems
'Alternative' technologies for energy production and conservation (with minimum reference to solar energy, which is covered elsewhere). Topics covered include: biogas and ethanol from vegetable matter; passive systems—trombe wall, skylids etc.; earth-covered construction; and greenhouses for combined temperature control and food supply.

C26.110 Building Services Systems
Major services systems in large buildings and, in particular, the integration of these with other elements of a building. Topics covered include: development of building services; vertical transportation systems including space requirements, mechanical details, lift calculations, lobby design and traffic analysis; air conditioning systems including choice of system, types of systems, layout in relation to structure, location of major plant, energy conservation; hydraulic services including cold water supply, hot water supply, disposal of rainwater and sewage, industrial plumbing; distribution of electrical services, horizontal distribution of services; maintenance and operation, plant room layout; and coordination of services with other planning constraints.

C26.111 System Operation and Maintenance
This course will explore the effectiveness of energy conservation techniques in existing and proposed buildings which rely on behavioural or administerial actions by the users and owners of buildings. Topics could include: user response to environmental changes; comfort standards; belt-tightening and leak-plugging techniques; building management aimed at energy conservation; preventive maintenance to conserve energy; influencing the behaviour of building users; effectiveness of automatic controls; and domestic energy conservation—actions taken by home owners to reduce energy consumption. Also discussed are the implications of using legislation and financial incentives as means of controlling energy conser-

vation. The basis and nature of legislation in the United States, United Kingdom and Europe are explored.

C26.112 Integrated Design of the Environment in Buildings
Supervised project work related to the main theme of the diploma, to place energy considerations within the context of the building design process. The project may take many forms including monitoring building spaces to assess energy consumption and environmental quality; physical or mathematical modelling of building environmental performance; surveys of energy usage in various building types; or an analysis of existing analytical or design procedures. These topics are meant only as an indication of the type of study required and students are encouraged to develop their own research on a topic of interest. The extent of the study undertaken will be constrained by time, availability of equipment and resources. The submission consists of a report detailing the aims of the exercise, methodology employed and a discussion of the results obtained.

C26.113 Electricity in Buildings
The course treats briefly the mathematics of alternating current in circuits and the concepts associated with phase relationships. Generation and reticulation is discussed at system level. At the building application stage the following topics are treated: transformers, calculating maximum demands; cables—types, sizes, ratings; control equipment; protection philosophy and equipment; wiring rules; switchboards; special equipment; space requirements.

Faculty of Arts

ANTHROPOLOGY

Anthropology IA and IB

These courses are a general introduction to three main fields of Anthropology: Social Anthropology, Prehistory and Anthropological Linguistics.

(a) Within IA (Morning), social anthropology focuses on stateless societies (both hunter-gatherers and agriculturists), agrarian and industrial societies and Aboriginal languages. Within IB (Afternoon), the core of social anthropology is in the study of the principles of social organisation that are to be found in societies of various kinds.
(b) Prehistory deals with the evolution of humans, and their culture up to urban civilisation.
(c) Within IB (Afternoon) the focus of Anthropological Linguistics is on continuity and change in language and on the language mixing that produces Pidgins and Creoles.

Note: See also the course Aboriginal Performing Arts, offered jointly by the Departments of Music, Anthropology, Linguistics, English and Fine Arts, included at the end of the entry for the Department of Music below.

Anthropology II (Pass)

Three pass courses are available: IIA, IIB, and IIC. Students may either take one of these courses on its own, or they may take any combination of two courses. (It is not possible to credit all three second year courses towards a degree.)

Anthropology IIA (Social Anthropology)
All students complete the following five units:
(i) Comparative Sociology
(ii) Social Inequality
(iii) Religion
(iv) Polity and Economy
(v) Kinship

Anthropology IIB (Prehistory)
All students complete the following four units:
(i) Prehistory of Australia and Oceania
(ii) Evolution and Environment
(iii) Analysis of Prehistoric Archaeological Evidence
(iv) History and Concepts

Anthropology IIC (Societies and Cultures)
Students select four of the following units:
(i) Indonesian Ethnography
(ii) Mainland Southeast Asia
(iii) Australian Aborigines
(iv) Black and White in Australia
(v) Studies in Australian Society
(vi) Melanesia
(vii) China

Anthropology II (Honours)

Students complete additional work in one of the following three areas: Social Anthropology, Prehistory, Anthropological Linguistics.

1. Social Anthropology Honours
Students complete three of the following units:
(i) Papua New Guinea Ethnography
(ii) Neighbourhood Studies of Culture and Class
(iii) The Theory and Practice of Power in Burma and Thailand
(iv) Ethnographic Fieldwork
(v) Hindu Social Institutions

2. Prehistory Honours
Students complete:
(i) practical work
(ii) two reading courses

3. Anthropological Linguistics Honours
Introduction to descriptive linguistics, theoretical and practical, in the anthropological context.

Anthropology III (Pass)

Students may take Anthropology IIIA *or* IIIB; *or* IIIA *and* IIIB.

Anthropology IIIA (Social Anthropology)
Students will complete unit (i) and several units from (ii)–(xiv), the number depending on whether full or half units are selected.
(i) History of Anthropological Thought
(ii) The 'New Class'
(iii) Comparative Asian Industrial Sociology
(iv) Production and Reproduction
(v) Ethnojurisprudence II
(vi) Perspectives in Australian Sociology
(vii) Ritual
(viii) Women in Non-industrial Societies
(ix) Sociobiology
(x) Ethnographic Films
(xi) Sociology of Immigration
(xii) Interactionism
(xiii) Theories of Exchange
(xiv) Aid to the Third World: a Critical Assessment

Anthropology IIIB (Prehistory)
Students will complete (i), (ii) or (iii), and two from (iv)–(vii)
(i) Archaeological Approaches
(ii) Method and History in Australian Studies
(iii) Palaeoeconomics
(iv) Settlement Mechanisms and the Mobile-Sedentary Transition
(v) Approaches in Holocene Archaeology
(vi) Classification and Chronology
(vii) Modern Material Behaviour

Anthropology III (Honours)

Students complete additional work in one of the following three areas: Social Anthropology, Prehistory, Anthropological Linguistics.

1. Social Anthropology Honours
Students complete three of the following units:
(i) Ethnographic Writing
(ii) Ethnicity, Race and Class in Australia
(iii) Papua New Guinea: Problems of Development
(iv) The Anthropology of Work
(v) Australia and Papua New Guinea: Comparative Approaches
(vi) Field Linguistics for Social Anthropologists
(vii) Culture and Subordination in Latin America

2. Prehistory Honours
Students will complete practical work, and will also do two reading courses.

3. Anthropological Linguistics Honours
Advanced descriptive linguistics and methods of linguistic fieldwork. Students may be required to take specified units in Social Anthropology.

Anthropology IV (Honours)

All students are required to write a thesis on an approved topic as well as undertake coursework.

1. Social Anthropology
Students complete two of the following units:
(i) Struggle
(ii) Understanding Ideology
(iii) Anthropology and History
(iv) Anthropology, Biology and Ideology

2. Prehistory
Students complete a reading course and two of the following units:
(i) Statistical Studies of Prehistoric Pictures
(ii) Practical Physical Anthropology
(iii) Ceramics in Prehistoric Archaeology
(iv) Advanced Australian Prehistory

3. Anthropological Linguistics
Students will take the following two units:
(i) Comparative linguistics, with special reference to Austronesian languages
(ii) Pidginisation and Creolisation of Languages

ARCHAEOLOGY

The Department of Archaeology aims at providing pass students with a well rounded knowledge of Greek, Roman and Near Eastern Archaeology and some insight into archaeological methods and the philosophy of the subject.

The pass course as a whole offers all the advantages of studies in the human sciences: development of critical ability, logical thinking, ordered memory, ability to organise and present material, historical analysis. At the same time it aims at providing a coherent picture of the evolution of civilisation in the Mediterranean and Near Eastern areas. In addition to its importance in its own right, it is of particular relevance to students of Anthropology, Ancient History, Ancient Languages and Fine Arts.

The honours course differs in kind as well as in depth from the pass course. It provides a more particular training for the intending archaeologist. Special emphasis is given to the study of research methods, based on a thorough grasp of the present state of knowledge.

For students taking the full course in Archaeology at the pass level there are no other courses required. Pass students are required to submit essays and other

assignments for each Archaeology course and to take slide and/or other visual tests.

Students intending to proceed to honours in Archaeology who have no adequate formal background in Ancient History should take and pass Ancient History I. Candidates for the honours degree are strongly recommended to acquire a reading knowledge of German and French. Honours candidates planning to proceed with an MA degree should bear in mind that, as a requirement for an MA course, they will need to have passed by the end of the first year of the MA course a simple written test in German and French, and to have passed an approved course in one ancient language *or* any other requirement relevant to the topic of the thesis, to be decided by the department. Honours students should consult the head of the department about the work required at all levels.

With the permission of the head of the department, students taking only two courses may take the courses offered for Archaeology III in their second year course.

Honours students from other departments may take courses which will be arranged for them on an individual basis after consultation with the head of the department.

Students must enrol with the department at the beginning of the academic year prior to the commencement of lectures. Reading lists may be obtained from the departmental secretary or from respective lecturers.

Archaeology I
Introduction to the archaeology of the Old World. Archaeology of Early Settlements in the Near East. Art and Archaeology of the Aegean and classical worlds.

Archaeology II
Trade in the Ancient Near East. Athens in the sixth and fifth centuries B.C.

Archaeology II (Honours)
University of Sydney excavations at Pella. Athens during the sixth and fifth centuries B.C. (special topics).

Archaeology III
Archaeology of the Near East during the first millennium B.C. Roman art and architecture.

Archaeology III (Honours)
Numismatics of the ancient Near East. Classical Section (special topics).

Archaeology IV (Honours)
Special topic in the archaeology of the Near East. Special topics in Greek archaeology.

CLASSICS COURSE
Classical Literature in Translation II/III
The Classical Literature in Translation course is offered jointly by the Departments of Greek and Latin. In 1984 the staff member responsible for its administration is Dr A. W. James in the Department of Greek. It can be taken as either a second year or a third year course, but not as a sequence of both. Each year it will consist of one major subject and two minor subjects. The major subject will be either Epic Poetry or Drama (tragedy and comedy), with alternation between the two year by year. The two minor subjects will be selected from the following list, which may be extended or reduced: Literary Criticism, Satire, Pastoral Poetry, the Novel, Philosophic Dialogue, Political Literature.

The course provides systematic study of some of the major areas of ancient Greek and Latin literature, principally by means of selected texts in translation. It should be of interest to students both of other aspects of Graeco-Roman antiquity, and other literatures and arts that have been influenced by ancient Greek and Latin literature.

No knowledge of the Greek and Latin languages will be assumed.

Course for 1984
Major subject: Epic Poetry
Minor subjects:
(1) Philosophic Dialogue
(2) Satire

COMPUTER SCIENCE
For details see under Faculty of Science.

ECONOMICS
For details see under Faculty of Economics.

ECONOMIC HISTORY
For details see under Faculty of Economics.

EDUCATION
The Department of Education offers a wide range of courses supervised by the Faculty of Arts. These are not designed to prepare students for such professions as teaching but rather seek to promote the understanding of education as a social phenomenon. As such these courses open up for analysis the complexities of education through study in a number of fields. For example there is the study of the nature, context and processes of education through historical, psychological, philosophical and sociological perspectives; there is the study of human growth and development and their implications for education; and there is the study across different societies and cultures of the relationship between education and politics, social organisation and economic development. The following course units, arranged in five programmes, are available:

1. **Educational Psychology**

110	Human Growth and Development A
111	Statistical Analysis in Educational Research
112	Introduction to Education Research Methodology
210	Human Growth and Development B
211	Atypical Children
310/410	Psychology of Learning and Instruction
311	Adolescence
313	Evaluation and Measurement in Education
415	Research Practicum in Educational Psychology

2. **Philosophy of Education**

120	Theory, Policy and Practice in Education
220	Persons and their Education
320	Educational Argument
321	Modern Educational Thought
420	
421	A Major Philosophy of Education
422	
423	Education, Ideology and Social Science

3. **History of Education**

130	The Universal School: theory into practice
230	Schooling and its Reform

330 Modern Educational Thought
430 History of Australian Education

4. Sociology of Education

140 Sociological Perspectives on Education
240 Selected Issues in Sociology of Education
340/440 Family, Community and Education
341/441 Ethnic Relations and Education
342/442 Class and the Curriculum

5. Comparative and International Studies in Education

150 Education in Australia in an International Perspective
250 Education in Southeast Asia and China
350 International and Development Education
450 Education and Modernisation

Education II (Pass)

Students select four units from levels 1 and 2 only, of which two must be from the same programme (one a level 1 unit, the other from level 2). The remaining two units are selected from any one or two of the other programmes.

Education III (Pass)

Students select four course units, from levels 1, 2, 3 or 4 depending on their backgrounds. A student who has not completed Education II will select units from levels 1 and 2, unless deemed to have a background suitable for study at levels 3 or 4. Students who have completed Education II will build on the sequences begun in Education II, so that by the completion of Education III, eight units will have been studied. Four or five units will have been completed from the same programme.

In general, no level 2, 3 or 4 unit may be studied without the prior completion of a lower level unit in the same programme. All units are of equal weight, each being of a half-year's duration. Normally students select two units each half-year.

Education II and III (Honours)

Honours students in both Education II and Education III are required to complete four units in each year, as are pass candidates. In addition, further study at honours level is required in the same programme as the student's main sequence.

Education IV (Fourth Year Honours)

(a) Investigation of a special problem supervised by appropriate staff members;
(b) Participation in seminars as prescribed by the head of department.

ENGLISH LANGUAGE AND LITERATURE

Pass course: The pass course extends over three years. In the first year the course combines the study of modern literature, medieval literature, and English language. In the second and third years students may elect to specialise in English Literature, or in Early English Literature and Language, or may construct mixed programmes of study from a variety of options.

In second and third year additional courses are available so that (providing the by-laws and resolutions of the Faculty of Arts are complied with) students may take and count towards the degree up to five English courses: English I; English II, Course 1 and 2; English III, Course 1 and 2.

Two courses in Australian Literature may be taken to count as a second and a third year level course respectively. A single course may be taken as either a second or third year subject.

Honours: The first year is entirely a pass year. Students who wish to enter the honours school must pass with credit at the end of the first year. (In special circumstances the department may recommend to the Faculty the admission to the honours school of a candidate who has not passed the first year with credit.)

In the second year, students take core units in seventeenth and eighteenth century literature, in medieval literature and in the language of later literature, and three options chosen from those available in English Literature and/or in Early English Literature and Language.

Before entering third year, honours students must have completed five courses towards the BA degree.

At the beginning of third year, students usually choose to specialise in either English Literature or in Early English Literature and Language, but various options are available, and students may construct mixed programmes of study after consulting the department. The final honours course of study will extend over both the third and fourth years, and be mainly in the form of seminar or tutorial classes.

English I

(i) *Literature:* A study of poetry from the sixteenth century to the present, of novel from the eighteenth century to the present, and of English drama from Shakespeare to the present.
(ii) *Early English Literature and Language:* An introduction to (a) medieval literature; (b) the study of the English language.

English II (Pass)

Courses 1 and 2
Each course consists of six half-year (semester) options. Students may elect to specialise in English Literature or in Early English Literature and Language, or may construct mixed programmes of study. For details, see the *Arts Handbook*.

English II (Honours)

Two specified units in English Literature and two in Early English Literature and Language must be taken; any *three* other options may be chosen from those available. For details, see the *Arts Handbook*.

English III (Pass)

Courses 1 and 2
As for English II, Courses 1 and 2 above.

English III (Honours)

Students choose to specialise either in English Literature, or in Early English Literature and Language, but various options are available. For details, see the *Arts Handbook*.

English IV (Honours)

(i) English Literature

Students will take topic 1 and any three other units.

(1) Renaissance Studies (core)
(2) Renaissance Studies (option)
(3) Eighteenth-century Literature
(4) English Romantic Literature
(5) Nineteenth-century Literature
(6) Literary Theory and Practice
(7) Twentieth-century Literature
(8) American Literature
(9) Australian Literature

All students will submit a long essay on a topic to be approved. Essays are 12 500 words in length, and are due in the vacation following Trinity Term.

(ii) Early English Literature and Language
Students will take IV H(1) and four other units.
IV H
(1) *Beowulf*
(2) Old English Literature
(3) Middle English Literature
(4) Medieval Literature (including Drama)
(5) and (6) Studies in the History of the English Language
(7) Studies in Contemporary English: A
(8) Studies in Contemporary English: B
(9) Old Icelandic II
(10) Celtic II: A. Old and Middle Irish *and/or* B. Middle Welsh

By arrangement with the department, students specialising in (i) may take one or more units from (ii), and *vice versa*.

Australian Literature

The course consists of a study of nineteenth and twentieth-century fiction, poetry and drama.

Two courses in Australian Literature may be taken to count as a second and a third year level course respectively. A single course may be taken as either a second or third year subject.

FINE ARTS

Fine Arts courses, I, II and III are qualifying courses for the degree of Bachelor of Arts. Candidates for honours in Fine Arts are required to obtain a credit in Fine Arts I, a credit or higher in Fine Arts II and III, and to take the Fine Arts IV course.

Following the constitution adopted by the department in April 1978, students are advised that departmental policy is established by a departmental meeting consisting of the staff and student representatives from each Fine Arts course and that courses have student course committees that consult with the relevant lecturers and tutors on course content, methods, assessment and resources.

Fine Arts I

An introduction to ways of seeing with special emphasis on contemporary art. The course aims at developing skills in reading visual imagery and in studying the production and reception of visual images in specific historical contexts. A wide range of media will be examined (e.g. painting, sculpture, architecture, graphic arts, film, photography, mass media). The focus will be on European, United States and Australian art of the 20th century.

Students will be expected to study original works in the Power Gallery of Contemporary Art, the Art Gallery of New South Wales and in other galleries.

Practical courses in many different art forms may be undertaken at the Sydney University Art Workshop as part of the coursework.

Fine Arts II and III

Students in these years will have a choice of five options. Students may take one of these to be their Fine Arts II course and any one of the remaining options to be their Fine Arts III course. Not all options will be offered in any one year.

Students who wish to take an additional course in Fine Arts may take one of the options as an additional third year course.

A pass in Fine Arts I is a prerequisite for doing Fine Arts II.

(a) 15th Century European Art and Architecture
The first term's study will centre on Florentine art. This will be investigated in the context of art technology, production methods and organisation, iconography, formal structure, contemporary literature and science, and socio-political relationships. Great emphasis will be laid on critical methods of art history.

This will be followed by a study of various media across Europe as a whole, including manuscripts, sculpture of different kinds, architecture and painting. The intention is to convey a sense of the overall structure of developments in these media, as well as the passage of images and ideas to and fro by portable forms of art and by travelling artists.

The course will be particularly useful for second year students intending to develop more advanced work in the area at third and fourth year levels, as well as those wishing to gain a general sense of this period of art history.

Intending students should note that a reading knowledge of other European languages, though not compulsory, will be useful. English texts will, of course, be given wherever possible.

Honours students will be offered a special seminar dealing with a major architectural topic and in their case possession of at least one other European language is essential.

The assessment system for both pass and honours students is by a combination of marks for essays, presentations in class and slide tests together with an end-of-year examination. Honours students in addition are expected to produce work as directed.

(b) European Art and Architecture 1500–1650
The course covers aspects of the High Renaissance, Mannerism and Baroque and lectures will deal largely chronologically with art and architecture as well as with specific themes such as larger architectural and urban projects and individual programmes in sculpture, painting and pageantry. An introduction to the comparative study of the major courts of Europe in the 16th and 17th centuries is envisaged, and works of art will be viewed in the context of their private, civic, ecclesiastic and courtly patronage. Special emphasis will be placed on artistic theory and on the concepts and methods pertaining to the period studied.

A reading proficiency in at least one other European language is considered necessary to ensure adequate progress in the course, which is intended primarily for third year students who have already attended the 'a' course. This is deemed particularly desirable for students wishing to take honours, as is past or simultaneous attendance at one of the following subjects:
1. Classical Archaeology;
2. Italian;
3. Renaissance History.

In addition to participating in the tutorial, honours students will be required to join a weekly seminar where they will make regular work-in-progress contributions leading to a major essay on a specific project undertaken by them.

There will be a written examination at the end of the year, one for pass and one for honours students. In addition, oral discussions will be arranged.

(c) European Art and Architecture 1750–1880
A study of European art of the eighteenth and nineteenth centuries, with special reference to Britain, France and Germany. Contemporary theories and criticism will be considered, and emphasis given to the

social and political background. Students will be expected to study original works in the Art Gallery of New South Wales and the Public Library of New South Wales. They are also strongly advised to participate in an organised visit, during either the May or the August vacation, to the National Gallery of Victoria.

Honours students will do further work in the period covered in the pass course.

(d) Australian Art and Culture

Painting, sculpture, film, architecture, photography and other forms of visual culture will be studied in the context of their internal traditions and their relationships to developments in Australian society, and to those in Europe and elsewhere.

Each year the programme will concentrate on certain major areas. This year the concentration will be on 'From Botany Bay to Anzac Day' (i.e. *c.* 1788–1920).

Honours students will be required to undertake particular studies within the period covered in the pass course, concentrating on research and methodology.

(e) Film Studies

An intensive examination of film. The course will build skills in film analysis, develop a working knowledge of film theory and criticism, and excavate individual films. In addition to the weekly screening of films, one or two films will be chosen each term for the fullest interrogation: textual analysis will be performed at the frame and shot levels by means of an analysis projector; contextual analysis will be undertaken through the reading of relevant texts.

The work of the year will be broken into four segments:

(a) History and theory of narrative forms in the fiction film (examining cinematic realism and modes of narration, montage and mise-en-scene theories, the construction and positioning of the spectator, cinematic signifiers, modernism, the auteur, genre).

(b) History and theory of the documentary film (engaging problems of authenticity, propaganda, information, education, direct and indirect address, observation and intervention).

(c) History and theory of the independent film (discussing notions of experimental, avant-garde, underground and structural/materialist film practices).

(d) The 'New Australian Cinema': conditions for an historic event (a mapping of the institution of Australian film culture in terms of select texts in 35 mm, 16 mm, and Super 8 formats, and modes of production, distribution, exhibitions, promotion, and screen education).

Honours students will do additional work in the area covered by the pass course.

Fine Arts IV

Three elements are to be taken: the history and methodology of Art History, including museology; a dissertation; a choice of a special period or topic.

1. The History and Methodology of Art History. This course will be based on regular weekly seminars. It will comprise two parts:

(a) The Literature of Art History until the nineteenth century.

(b) Methodology: an examination of the various modes of interpreting art (e.g. the iconographical, stylistic, or biographical approaches; art and social history; art and cultural history; art and the history of taste; art criticism; art and semiotics; aspects of museum studies).

Assessment will consist of class-papers and longer research papers. Students interested in a museum career will be able to weight their written work towards museum studies.

2. Dissertation on an approved subject (10 000 words).

3. Choice of a special period or theme. Depending on demand the following courses will be offered this year:

(a) *Asian Art*
An introduction to the study of Chinese and Japanese painting.

(b) *The Renaissance City in Myth and Reality: AD 1300–1500*
Many traditionally held views are being overturned in this rapidly expanding field of study. Topics include Contemporary Aesthetics and Theory, Urban Fabric and Power Structures, New Towns and Ideal Cities. (Preliminary meetings will be held in Michaelmas term prior to the commencement of the course.)

(c) *Aspects of 20th Century Art*
This year the focus will be on Modernism in the 1920s and 1930s; or on Sydney Art Now.

These options will be given in seminars; assessment is based on written work, including class papers and longer research papers.

FRENCH STUDIES

Courses in the Department of French Studies are concerned with the range of French language, literature, culture and society, including the numerous francophone cultures outside France. Courses in the department are language based—they all deal with French-language material.

Students in the later years of the course will be expected to select one of three strands, namely:

- French Language and Linguistics
- French Literature
- The Social Sciences and the French-speaking World.

The department offers a great variety of electives and the choice of a strand is designed to ensure that electives are selected and combined in a meaningful way. Courses must be coherent but overspecialisation is not desirable. Students who wish to explore two fields in some depth may enrol for Additional courses in French.

The department offers two streams: one for students with a basic knowledge of the language (stream A) and another for absolute beginners and students with less advanced language skills (stream B). In these two streams practical language instruction is offered to students at eleven different language Levels. The placement of incoming students in these streams and in the various language classes will be decided on the basis of their HSC or school results in conjunction with those gained in a placement or aptitude test to be held during the orientation period. Students who have studied French for five or six years will not normally be admitted to French IB. At first year level an intermediate course (French IAB) has been designed for students with some knowledge of French.

Students from all three first year courses may take an honours degree in French, but honours students from the B stream will be expected to take an Additional course, normally in their third year.

The following course-sequence may be taken:
French IA, IIA, IIIA
French IB, IIB, IIIB
French IB, IIB and II Additional, IIIA or IIIB
French IAB, IIA, IIIA
French IAB, IIB, IIIB
French IAB, IIB and II Additional, IIIA

French II Additional is available to students enrolled concurrently for either French IIA or French IIB or who have completed IIA or IIB. French III Additional is available to students enrolled concurrently for either French IIIA or French IIIB or who have completed IIIA or IIIB.

Short reading course in French

This course (which does not count towards the degree of Bachelor of Arts) is designed for members of the University (senior students and staff) who wish to acquire a reading knowledge of French.

Absolute beginners are advised to enrol in French IB or, alternatively, to take an intensive introductory language course outside the university (e.g. Alliance Française) during the summer vacation prior to enrolling in the Short Reading Course.

There is no formal assessment in this course.

French IB

There are no formal prerequisites, but intending students should consult the department before taking this course. French IB is designed for students with little or no previous knowledge of French. There will be a placement test for all intending students, except for absolute beginners, to help determine to which Language Level they will be assigned. Absolute beginners will be required to take a language aptitude test. Students qualified to take French IA are not normally permitted to enrol for French IB.

The course, which for the purpose of degree requirements counts as an elementary course, is an introductory study of French language and contemporary France.

French IAB

This course has been designed for students with some knowledge of French, whose competence is intermediate between the levels associated with French IB and French IA respectively. The emphasis is on the improvement of students' mastery of the language and the development of their reading skills. Texts in the course reflect aspects of contemporary France. Students taking French IAB will proceed either to French IIB or to French IIA, according to the progress they have achieved in the course.

French IA

The course aims at consolidating and expanding students' language skills (with special emphasis on aural comprehension, reading and interpretation of written texts) while providing an introduction to the social, intellectual and cultural history of France since the First World War. The reading programme offers a variety of texts, which fall into two main groups, one dealing with contemporary French literature, and the other with contemporary French society.

French IIB

The emphasis in this course is on the consolidation of language skills. It also includes some of the cultural content of the French IA course. Students wishing to undertake French studies in greater depth are advised to enrol for French II Additional as well.

French IIA

Most students in this course will take Language Level 2.2 in which the emphasis will be placed on the contrastive study of written and spoken French. Special attention will be paid to students' written performance skills. In French IIA students will choose one of three strands, namely French Language and Linguistics, French Literature, or the Social Sciences and the French-speaking World. In each strand students must enrol in a core unit, and one of several additional Electives related to the chosen core unit. Students will also take a Complementary Elective, selected from the other two strands. The course is designed to ensure that the study programme has both depth and breadth and electives are chosen with due regard for the coherence of the course.

French IIB Honours

(i) Syllabus and classes as for French IIB.
(ii) An Introduction to pre-1600 studies.
(iii) A Classical Decade: Research and Criticism.

French IIA Honours

(i) Syllabus and classes as for French IIA.
(ii) An Introduction to pre-1600 studies.
(iii) A Classical Decade: Research and Criticism.

French II Additional

This course is designed to allow students in the department to select a second strand different from the one taken in their main course, and, in the case of B-stream students, to study French in greater depth.

French IIIB

As for French IIA but students in this course will take Language Level 3.0, a sequel to the language work done in French IIB.

French IIIA

Students in this course will normally enrol for Language Level 3.2, and they will continue in the strand chosen in their second year.

French IIIA Honours

(i) Syllabus and classes as for French IIIA.
(ii) An Introduction to pre-1600 studies.
(iii) A Classical Decade: Research and Criticism.

French IIIB Honours

(i) Syllabus and classes as for French IIIB.
(ii) An Introduction to pre-1600 studies.
(iii) A Classical Decade: Research and Criticism.

N.B. Honours students in the B stream are required to enrol for French III Additional, unless they have already completed French II Additional. They will normally also take the Honours component of French IIB Honours, or units of equivalent weighting, in their third year.

French III Additional

This course is designed for students who wish to continue with the study of an additional strand undertaken in their second year or who wish to undertake the study of a new additional strand.

French IV Honours

(a) *Practical Language:* one to two hours per week.
(b) *Seminars:* Students will take three seminars.
(c) *Thesis:* a 12 000–15 000 word thesis, written in French, prepared under the close guidance of a supervisor.

GEOGRAPHY
For details see under Faculty of Science.

GERMANIC STUDIES
German IB
This course, which presupposes no knowledge of German, is available to students who have not attained matriculation level in German and who wish to achieve competence in the language in the four basic skills of listening, reading, speaking and writing. There are six hours of classes per week, with considerable emphasis on the audiolingual and audiovisual facilities available in the Language Study Centre. The course includes regular practice in conversation and composition-writing.

German IA
All students who have matriculated in German are enrolled in IA. According to their knowledge of German, as assessed in a placement test held in the orientation period, students are placed in one of two language levels. The courses consist of:
(i) Language classes
(ii) Introduction to German linguistics
(iii) Survey of German literature
(iv) Text study
(v) Essays in English on the prescribed texts

German IIB (Pass)
(i) Language classes
(ii) Seminars on prescribed texts
(iii) Conversation practice
(iv) Introduction to German linguistics
(v) Survey of German literature
(vi) Essay in English on the prescribed texts

German IIB (Honours)
As for German IIB (Pass), but with the following additional components:
(i) Core seminars on German literature from 1850 to the present or linguistics
(ii) A special honours class

German IIA (Pass)
(i) Language classes with practice in translation, grammar and self-expression
(ii) Conversation practice
(iii) Core seminars on German literature from 1850 to the present and/or German linguistics
(iv) Options on a range of literature, civilisation and language topics with the literature and civilisation options belonging to the period since 1850
(v) Essays in English on topics in German literature since 1850 and/or German linguistics

German IIA (Honours)
As for German IIA (Pass), but with the following additional components:
(i) Further core seminars on German literature from 1850 to the present and/or German linguistics
(ii) Classes on the language and literature of the Middle High German period
(iii) Special Honours Class on theory and method
(iv) Further essay prescriptions

German IIIB
(i) Language component as for German IIA (Language Level 1) or a special language course, depending on numbers
(ii) Seminars and options as for IIA (Pass), according to choice

German IIIA (Pass)
(i) Seminars on a range of literature, civilisation and language options, with the literature and civilisation options belonging to the period from *c.* 1700 to *c.* 1850
(ii) Language classes
(iii) Conversation practice
(iv) Core seminars on German literature to 1850
(v) Essay in English on topics in German literature from *c.* 1700 to *c.* 1850
(vi) German free composition

German III (Honours)
As for German IIIB and IIIA, but with the following additional components:
(i) More advanced essay prescriptions
(ii) Classes on the literature and language of the Middle High German period
(iii) Seminars on advanced literature and language topics
(iv) Further core seminars on German literature to 1850

German III Additional
With this course students are enabled to deepen their knowledge of the language and extend their study of the German literature and civilisation treated in German IIA and German IIIA. The course consists of:
(i) Further core seminars on German literature in the period from *c.* 1700 to *c.* 1850
(ii) Further optional seminars on language, literature and civilisation from among those offered in German IIA and German IIIA
(iii) Advanced language

German IV (Honours)
Students do advanced language work, and choose either to do six literature and language options, or else four such options and a thesis.

GOVERNMENT
For details see under Faculty of Economics.

GREEK
Department of Greek (Ancient Greek)
Department of Modern Greek
Greek (i.e. Ancient Greek) and Modern Greek are separate subjects, administered by separate departments, and it is possible for students to take both towards their BA degree. The range of undergraduate courses available in either subject is described below.

DEPARTMENT OF GREEK (Ancient Greek)
A full range of courses is offered in Greek for both the pass and honours degree.

In first year three courses are available, Greek IA, Greek IB (Classical) and Greek IB (Koine). For entry into Greek IA students must have attained a satisfactory standard in either the 3 unit course or the 2 unit course in Classical Greek at the HSC examination or an equivalent qualification.

The Greek IB (Classical) course assumes no previous study of Greek and aims at providing students with the basic knowledge of the language that they will need for undertaking further courses in Greek or to

assist them with their studies in related subjects. Because the course is an intensive one, it is assumed that students taking it will normally have studied a language other than English to HSC standard. Those not having such a qualification are advised to consult the head of department before proceeding with enrolment.

The Greek IB (Koine) course assumes no previous study of Greek and aims at providing an introduction to Koine Greek through study of the grammar and texts of the New Testament. It also includes an outline of the historical, religious, and cultural background relevant to the New Testament. The course is intended both for students taking the BA degree in preparation for the BD degree, and for students wishing to acquire the basic linguistic skills for historical, religious, cultural, or linguistic study of the Eastern Mediterranean in Roman times. While Greek IB (Koine) will not normally lead to further studies in the Department of Greek, students who have completed it may be admitted to Greek IIB after satisfactory completion of substantial vacation studies which will include the reading of Attic prose and verse.

Subject to the general conditions governing elementary courses, Greek IB (Classical) or Greek IB (Koine) may be counted as a qualifying course towards the degree.

In second and third years students who have completed Greek IA may proceed to the courses Greek IIA and IIIA, while those who have completed Greek IB (Classical) may proceed to Greek IIB and Greek IIIB. The courses Greek IIB, Greek IIIB (Pass) and Greek IIIB (Honours) are identical with Greek IA, Greek IIA (Pass) and Greek IIA (Honours) respectively. Students who after completing Greek IIIB (Honours) wish to proceed to honours in Greek must complete Greek IIIA (Honours) before entering Greek IV. Students who have completed Greek IIIB (Pass) may proceed to Greek IIIA (Pass) and count it as an additional third year course. Candidates for MA (Pass) in Greek must have completed Greek IIIA (Pass).

In all courses except Greek IV, regular written exercises in translation and composition are set, and in Greek IA, IB (Koine), IIA and B and IIIA and B students are also required to submit an essay. This written work is an obligatory part of the courses and in the final assessment it is taken into account along with the examination results.

The Frederic Spencer Burnell Prize may be awarded for the best essay written by a student in Greek IIA or Greek IIIA or Greek IIIB. The Woodhouse Medal may be awarded for proficiency in any year except fourth year.

Fourth year honours students in Greek are required to present a thesis and also to take examinations.

For the new course Classical Literature in Translation, offered jointly by the Departments of Greek and Latin, see the separate entry under the heading 'Classics Course' placed alphabetically above in these course descriptions for the Faculty of Arts.

Greek IB (Classical)

The course includes a thorough study of elementary Greek grammar and syntax, together with the reading of selected Greek prose and verse. There are four lectures each week, in addition to which students may be required to attend a weekly tutorial.

The annual examination is held in November, but for students proceeding to Greek IIB additional reading is prescribed for study in the long vacation and is examined at the beginning of the following Lent Term. (Tutorials on these texts will be provided in February at times to be announced.)

The top candidate in Greek IB (Classical) is eligible for the Max Le Petit Memorial Prize No. 1.

Prescribed texts

(a) for language work

J.A.C.T. *Reading Greek (Text)* and *Reading Greek (Vocabulary, Grammar and Exercises)*, (Cambridge U.P.)

(b) for reading, selections from

Xenophon *Persian Expedition*, ed. Antrich & Usher (Bristol Classical P.)

Euripides *Scenes from Iphigenia in Aulis and Iphigenia in Tauris*, ed. Kennedy (Bristol Classical P.)

(c) for vacation reading for students entering Greek IIB 1985:

Selections from Lysias and Euripides to be prescribed.

(d) Reference book

Liddell and Scott *Abridged Greek Lexicon* (Oxford)

Greek IB (Koine)

(1) New Testament Grammar

(2) Prescribed texts:
- (a) selections from the Gospel of Mark
- (b) selections from Acts
- (c) a small amount of an Epistle (to be prescribed)

(3) Historical, religious and cultural background, illustrated by selected texts.

Greek IA and IIB

(1) Unseen translation, prose composition and grammar. (Additional tutorials in this section will be arranged for Greek IIB students)

(2) Prescribed books for detailed study:
- (a) Andocides, *On the Mysteries*, ed. MacDowell (Oxford U.P.)
- (b) Euripides, *Medea*, ed. Page (Oxford U.P.)
- (c) Plato, *Republic I*, ed. Allan (Bradda Books)

(3) Reading course: readings from Herodotus and Homer in *A World of Heroes* (J.A.C.T.)

Greek IIA (Pass) and IIIB (Pass)

(1) Unseen translation and prose composition

(2) Prescribed books for detailed study:
- (a) Aristophanes, *Clouds*, ed. Dover abridged (Oxford U.P.)
- (b) As for Greek IA and IIB—(b) above
- (c) Plato, *Protagoras*, ed. Adam (Bristol Classical P.)

(3) Greek History and Literature:
- (a) Greek History, to 404 BC
- (b) Early Lyric Poetry

Greek IIA (Honours) and Greek IIIA (Pass) and IIIB (Honours)

(1) Unseen translation

(2) Prescribed books for detailed study:
- (a) As for Greek IIA (Pass)—(a) above
- (b) Aeschylus, *Prometheus Bound*, ed. Griffith (Cambridge U.P.)
- (c) As for Greek IIA (Pass)—(c) above

(3) Greek History and Literature, as for Greek IIA (Pass)

(4) (a) Epic Poetry
- (b) Introduction to Greek dialects illustrated by selected texts

(5) Prose and (optional) elementary Verse Composition

Greek IIIA (Honours)

(1) Unseen translation

(2) Prescribed books for detailed study:
(a) Theocritus, *Select Poems*, ed. Dover (Macmillan)
(b) As for Greek IIA (Honours)—(b) above
(c) Aeschines, *De falsa legatione* (in *Selections from the Attic Orators*), ed. Genner (Oxford U.P.)
(3) Greek History and Literature, as for Greek IIA (Pass)
(4) Special Literature: Lyric Poetry
(5) Prose and (optional) Verse Composition
(6) *One* of the following:
(a) Greek philosophy [to be prescribed]
(b) Greek language: Origins and development to the classical period
(c) An introduction to Byzantine literature and civilisation
(d) Greek Archaeology [to be prescribed]

Greek IV (Honours)

(1) Unseen translation
(2) Literature: Lyric Poetry
Any *three* of the following (subject to the approval of the head of department):
(3) History [to be prescribed]
(4) Greek philosophy [to be prescribed]
(5) Language: Three Selected Topics
(6) An additional unit in Literature: Early Epic

Candidates will also be required to present a short thesis on some topic related to Greek studies, to be arranged early in December 1983, in consultation with the staff of the department. Bibliographies and guides to study for the above honours courses will be given to candidates at that time.

A candidate who presents himself for honours in both Greek and Latin in the same year may submit one (more comprehensive) thesis, the subject of which will be arranged at the end of his third year in consultation with the heads of both departments.

DEPARTMENT OF MODERN GREEK

A major aim of all the courses is to develop practical proficiency in the language; this especially applies to IB, which is for beginners or near-beginners. Language work is linked to the study of modern Greek history, society and culture. Literature is studied as a major means to this end, though there are a number of courses on non-literary topics. A variety of options are offered in the higher-level courses.

Modern Greek has been an independent department since 1 January 1983. The Senate has approved in principle the introduction of honours courses, but owing to staffing difficulties it has so far been impossible to provide them. The department hopes, however, that it will be possible to offer a IIA (Honours) course in 1984, and IIIA (Honours) and IV (Honours) courses in subsequent years. Interested students should consult members of the department. Students interested in postgraduate study should note that MA(Pass), MA(Hons) and PhD courses are available; the MA(Pass) is a one-year postgraduate course, which can count as a qualification for enrolment in MA(Hons).

The following courses are offered at first year level:
Modern Greek IA: for students who show proficiency in both spoken and written Greek, and who have achieved an acceptable standard in HSC Modern Greek or in a leaving certificate from Greece or Cyprus; in exceptional cases, a student with excellent knowledge of the language but with no formal qualifications in the subject may be placed in IA. Students who complete IA go on to IIA and then IIIA in succeeding years.
Modern Greek IAB: an intermediate level course designed for students who *either* (a) have taken HSC Modern Greek, but need more intensive language work, *or* (b) have reached an appropriate level of proficiency, without having studied the subject at HSC level. The course is intended to help both categories of students to reach a standard high enough to enable them to go on to IIA and IIIA. It was not possible to offer this course in 1983 owing to staffing difficulties. Intending students should consult the department.
Modern Greek IB: for complete beginners (who form group IBA) and for students who have some prior knowledge of the language but not sufficient to undertake the IA or IAB courses (these form group IBB). (Students with HSC Modern Greek are not normally admitted to the IB course.) IB students generally proceed to IIB and IIIB in later years. Students intending to enrol in IIB will be expected to do a small amount of work over the long vacation; this will be assessed as part of their IIB course.

Assessment in all courses is partly by examinations or class tests and partly by essays and regular course work. Oral language tests are used at all levels, and carry particular weight in IB and IIB.

All students enrolling in Modern Greek for the first time will be placed by the department in one or other of these courses on the basis of their HSC results and their general level of proficiency in the language, as shown in a placement test to be held at the beginning of the year.

Intending first year students are asked to contact the department during the orientation period, in order to obtain further information and to fix a time for a placement test.

Modern Greek IB

Language work will comprise:
- For Group IBA (beginners): 3 hours of practical oral work, 1 hour of grammar and 1 hour of reading practice.
- For Group IBB (non-beginners): 5 hours including oral work, comprehension and translation, literature (short stories and other texts studied and discussed in Greek), and grammar.

Both groups will also have a lecture course on Greek history and society since 1700.

Students, especially in Group IBA, are expected to do private study in the language laboratory.

Modern Greek IAB

Lecture course on Greek history and society since 1700; there will be a weekly conversation class, and another on the grammar of demotic Greek. Tutorials on: literature (two hours per week—intended to introduce students to selected literary works while at the same time developing vocabulary and reading skills); and written work (including both free writing and translation).

Modern Greek IA

Lecture courses on: Greek history and society since 1700; modern Greek traditional culture; twentieth-century Greek poetry; novels and short stories of the post-war period. Classes on the grammar and syntax of demotic (with weekly assignments). Tutorials will provide opportunities for further discussion of topics treated in lectures and for oral and written practice in the language.

Modern Greek IIB

There will be two courses, following from IBA and IBB in the IB course (see above).

IIBB will be very similar to IA, except that the lecture course on Greek history and society will be replaced by a further practical language course.

IIBA will largely be an independent course, with two hours of oral work, two hours of written work, and two hours of literature. The IIBA group will sometimes join IA and IIBB for literature towards the end of the year.

Modern Greek IIA (Pass and Honours)

Lectures and seminars on: nineteenth-century Greek poetry; twentieth-century novels and short stories; contemporary Greek theatre. Students will be asked to choose two half-year seminar options from a list. Topics offered will be chosen by student consultation from a range which may include: Cyprus (a historical and cultural study); the teaching of Modern Greek in Australian schools; women in Greek society and literature; Kazantzakis; Greek music; Byzantine art; continuity in Greek civilisation from ancient to modern times; critical approaches to Modern Greek prose literature; migration (with special reference to Greece and Australia). The two language classes will include practice in translating and interpreting, and graded exercises to help students with differing needs. Greek will be used as the main teaching medium.

The honours course comprises the work prescribed for the pass course, with certain additional elements: a lecture course giving a historical survey of the Greek language, and two extra half-yearly seminar options (see the list above).

Modern Greek IIIB

This course is identical to IIA, except that students who completed Modern Greek IIB last year may form a separate tutorial group.

Modern Greek IIIA

Lectures, seminars or classes on: twentieth-century novels and short stories; the Cretan Renaissance; post-war short stories; an introduction to Byzantine civilisation; an introduction to katharevousa (for reading purposes only); style and syntax. Students will be asked to choose two half-year seminar options from the provisional list given above for Modern Greek IIA. Greek will be the main medium of instruction in the IIIA course.

HISTORICAL ARCHAEOLOGY

These courses are concerned primarily with the technological, physical and archaeological background to 19th century Australian history. They are intended to introduce students to the techniques of archaeological study in historical situations including both archaeological techniques and basic documentary research. Their major emphasis is on practical observation, fieldwork and excavation together with a background in European and Australian 19th-century technology.

These courses are offered by members of the Departments of Archaeology, Geography, History and Soil Science and are administered by the Interdepartmental Committee for Historical Archaeology.

Courses

Historical Archaeology II is an interdepartmental second year course available to all students who have passed at least three first year courses.

Residential excursions take place in the Easter and May vacations, and the long weekend in June. Excavation involvement will be offered as available. The course has a strong emphasis on practical work and on documentary research projects on sites or structures. Throughout the year there will be two formal lectures a week, plus a two-hour practical session, a short excursion or a third lecture and a weekly tutorial.

Teaching in this course will be carried out by a number of lecturers offering interdisciplinary contributions under the general supervision of Miss J. M. Birmingham, Course Coordinator and Senior Lecturer in Archaeology.

The course will be offered at pass level only. Students entering the honours school in relevant subjects such as Archaeology, Anthropology, History or Geography are eligible to take Historical Archaeology as one of their qualifying courses.

Historical Archaeology III is the same as Historical Archaeology II with the addition of weekly class contact on historical archaeology excavation and excavated material.

HISTORY

The Department of History offers a wide range of courses in each of the years History I, II, III and IV. It is possible to take up to five courses in History I, II, and III and count them towards the BA degree, pass or honours:

History I	(one course)
History II	(two courses)
History III	(two courses)

The course History II Pass consists of two units, a thematic unit and a specialist unit, History III Pass of a specialist unit and a seminar unit (though in certain cases a History III Pass student may be admitted to a seminar instead of a seminar unit).

Honours students in History II do additional work in their specialist unit. Honours students in History III take (a) a specialist unit or a seminar unit, and (b) a seminar or advanced study.

History I

Students choose one of the following courses in 1984:

101 Ancient History
102 Medieval History (day and evening)
103 Early Modern European History
105 Late Modern European History
106 Asian Cultural Traditions: South and South-east Asia

History II

Thematic units

T02 Marx and the Third World
T04 Religion and Society
T06 Australian History (day and evening)
T07 Themes in American History
T08 Revolutions
T09 Imperialism
T10 Science, Technology and the Imperial Idea

Specialist units

201/2 Ancient History: two half-year strands
(i) Lawyers in Politics
(ii) Images of Res Publica
206 Italy in Crisis
209 Russia since 1700
210 The English Working Class in Society and Politics *c.* 1780–1950
213 Aspects of French and German History
219 Convicts and the Penal System in Australia

220 Church, State and Society in Australia
224 The Hundred Years War
230 Makers of Modern Asia
237 Tudor and Stuart England
239 Islam, Byzantium and the West
246 Women, Family and Work in Australia
249 Social Transformation of England and France
252 Enemies of the Roman Order
253 America and the World
254 The Black Experience in America
255 Imperial Spain

History III

Specialist units
(see above)

Seminar units
303 The Celtic World
309 Luther and the Reformation
311 The First World War
314 Aspects of British and American Social History in the 19th Century
317 Inter-state Relations in the Greek World
319 American Conservatism from Andrew Carnegie to Ronald Reagan
320 Conservatism and Liberalism in Australia, 1840–1984
321 Australian Urban History
324 Education and Society in Modern Europe
330 India and England: A Comparative Study of Social Development in the Nineteenth Century
332 Aspects of Migrant Experience in Australia
338 The French Left since 1789
340 Hindu Society and Social Reform 1800–1950
346 The Roman Moralists
347 Medieval and Renaissance Florence
358 The World of the Habsburgs
359 The New Nationalism: Australia since 1945

Seminars
408 Authority and Rebellion in Early Modern Europe
410 Modern British Labour Leaders and Social Theorists
411 European Fascism
412 The Making of the American National Myth
423 The Crusades
435 Apartheid and Assimilation
440 Arms and the Man
441 Australia and the World
442 History of Social and Economic Ideas
443 Scotland, Wales and England in the 14th Century
444 Before the Commonwealth

Advanced Studies
501 Advanced Studies in Ancient History
(a) Inter-state Relations in the Greek World
(b) Army, State and Society in the Roman Empire
502 Advanced Studies in Asian History
(a) The Age of the Imperial Guptas
(b) Religious Movements and Social Protest in South Asia in Medieval and Modern Times

History IV

History IV students are required to register with the department in November or December of the preceding year. They will write a thesis and attend two courses—a general seminar and a special study seminar. General seminars are broadly based and conceptual, often with a strong historiographical or inter-area element; special study seminars (some of which are open to honours students in History III) allow the student detailed work in a more specialised area of interest. The thesis and the two courses will each count for one-third of the total mark.

The thesis will be written under the individual supervision of a member of staff. Students and their supervisors see each other regularly and work together to ensure that departmental guidelines on dates for progress and submission are respected. The thesis will be about 15 000 words in length and will be submitted by the end of the third week of Michaelmas Term. The topics can vary enormously in scope and character, but, while a knowledge of the relevant secondary sources is assumed, all theses will be based on original interpretation of primary sources.

INDIAN STUDIES

Indian Studies II and III are interdepartmental second and third year courses available to all students who have passed two first year courses. They are intended particularly for those who wish to develop a specialist interest in the history of Indian thought.

The courses are concerned to provide a study of aspects of Indian political, social and religious ideas. This will be done on an interdisciplinary basis from separate methodological vantage points. In conjunction with this examination of Indian ideas students will be expected to study one of the following three Indian languages: Bengali I and II; or Hindi I and II; or Sanskrit I and II. In any sequence of two years Sanskrit and either Bengali or Hindi will be taught.

Students should register in this course in the Department of Indonesian and Malayan Studies during the orientation period. Registration can also take place in the first lecture of term. Those wishing to discuss the course may consult with any member of staff involved in the course during the orientation period.

Indian Studies II

Sanskrit I
All the basic structures important for a reading knowledge of Sanskrit will be taught. Devanagari script will be introduced and used in the course. By the end of the year students will be able to read simpler parts of texts such as the *Hitopadeśa, Mahābhārata* and *Rāmāyana*.
OR
Bengali I
The course will deal with
1) Basic elements of Bengali grammar, phonetics, and orthography
2) Spoken Bengali
3) Readings of set texts, translation from Bengali into English and English into Bengali
OR
Hindi I
An introduction to the grammar and syntax of Hindi as a spoken language.
The course will deal with
1) Basic elements of Hindi grammar, phonetics, and orthography
2) Spoken Hindi
3) Readings of set texts, translation from Hindi into English and English into Hindi

Indian Political, Social and Religious Ideas I
This part of the course is concerned to provide a study of aspects of Indian political, religious and social ideas and institutions during and after British rule.

There will be a brief consideration of the place of Indian religions in the history of Western religio-historical scholarship. This part of the course will tackle selected methodological problems connected with the historical background and contemporary role of religious beliefs and practices in India. Attention will be paid to such questions as the relative chronology of early Indian religious history, the major categories of orthodox and unorthodox religious thought, and the most important religio-philosophical schools. The emphasis will be on Hindu forms of belief.

In Trinity term the class will concentrate on both the structure and the ideology of caste in a variety of social settings. Topics discussed will include the relationship between Brahman and king, the ideology of purity and renunciation, social mobility, the jājmāni system, and the untouchables. Attention will also be paid to the joint family and male/female relations. The central aim will be to use the theoretical perspective of the social anthropologist to provide a sophisticated understanding of these central Hindu institutions.

In Michaelmas term the course is concerned with the history and philosophy of political ideas of India. The course of lectures will be based on indigenous sources written in Sanskrit, Bengali, and Hindi-Urdu. This unit intends to introduce students of Indian Studies to the political philosophers, their ideas and the complex political institutions of India. The tutorial will be devoted to the methodological problems of studying political philosophy of modern India. It is hoped to discuss the concepts of individual and society, kingship, state, freedom and non-violence. The institutions of kingship, kinship, caste associations, parliamentary democracy and political parties will also be studied. Particular attention will be paid to B. C. Chatterjee, Gandhi and M. N. Roy.

Indian Studies III

This will be a specialist course for students who have already completed Indian Studies II.

Sanskrit II

Readings from epic literature, especially of sections relevant to the study of Hindu religion and culture. No textbook required; the concerned passages from the critical texts of the *Mahābhārata* and the *Rāmāyana* will be distributed.

OR

Bengali II

1) Advanced course in Bengali grammar
2) Reading two modern Bengali novels, one selection of short stories and one selection of poems
3) History of Bengali literature *c.* AD 1500–1945

OR

Hindi II

The grammar and syntax of Hindi as a literary language.

1) Advanced course in Hindi grammar
2) Reading two modern Hindi novels, one selection of short stories and one selection of poems
3) History of Hindi literature *c.* AD 1500–1945

Literature and the History of Indian Ideas

This will be a study of the development of important Indian ideas through the ages regarding family, kinship, women, kingship, property, the individual and liberation as expressed in the *Mahākāvyas*, *nātakas*, devotional poems, modern novels and modern poetry. Students will be expected to use sources in Sanskrit or Bengali or Hindi for this purpose.

INDONESIAN AND MALAYAN STUDIES

The courses offered by the Department of Indonesian and Malayan Studies are intended to provide students with training in the history, languages and cultures of the region. All students will be expected to acquire a command of Bahasa Indonesia; honours students must select an additional language—Old Javanese, Modern Javanese, Minangkabau, Balinese, Sundanese, Dutch—for study in the second, third and fourth years as part of their honours programme. Courses given in the department allow students to pursue interests in history, literature, social anthropology, theatre and politics, but they stress the interrelationships between these fields in the study of the region.

Students commencing their studies in the department in 1984 in the course Indonesian and Malay Studies IB will do so within the framework of a new course structure. The new course, Indonesian and Malayan Studies IB, has been designed in such a way that students wishing to go on to second year in the subject will be able to enter a common course in second year with students who have completed the course Indonesian and Malayan Studies IA. The new course Indonesian and Malayan Studies II will consist of: (i) a language component; (ii) a core course in which the interdisciplinary approach adopted by the department will be taught, and in which training in the interpretation of indigenous source materials (readings in Bahasa Indonesia will be used to this end) will be given; and (iii) an option course. In addition to completing the course Indonesian and Malayan Studies IB, students will have to have completed at least one other first year subject from Group 1 of the subjects available for the BA degree. From 1984 no other corequisite course will be required for students in both Indonesian and Malayan Studies IA and IB.

Students who are in second and third year in the department in 1984 will proceed by the old course structure as outlined below.

The degree course is divided into two streams: Indonesian and Malayan Studies:

IA, IIA, IIIA	for those who have undertaken 3 unit or achieved 31st percentile in 2 unit Indonesian at the HSC, or who have equivalent qualifications	IB, IIB, IIIB	for all other students

The above is a guideline only on the division into streams. The department may give a placement test to determine in which stream and language course students will be enrolled. Those most likely to be affected are students who obtained a lower grade at the HSC than that specified.

Indonesian and Malayan Studies II Additional is available to students enrolled concurrently in either the IIA or IIB course.

Indonesian and Malayan Studies III Additional is available similarly to students enrolled concurrently in either the IIIA or IIIB course.

It will be possible to undertake honours work from both streams and so to complete Indonesian and Malayan Studies IV.

All students enrolled in either stream will be required to take corequisite courses. A student taking Indonesian and Malayan Studies IA or IB will

normally take as a corequisite a first year course in one of the following subjects:

Anthropology	Government
Arabic	Greek
Archaeology	Hebrew
Chinese	History
Economic History	Italian
Economics	Japanese
English	Latin
Fine Arts	Linguistics
French	Modern Greek
Geography	Philosophy
German	

Students enrolled in Indonesian and Malayan Studies IIA or IIB will normally take as a corequisite a second year course in one of the subjects listed above. Historical Archaeology II or Religious Studies II may be taken as the second course in a corequisite sequence, subject to the conditions laid down for these courses.

Indonesian and Malayan Studies IB

The course consists of Bahasa Indonesia (6 tutorials per week).

Indonesian and Malayan Studies IA

This course contains two parts:

(a) Bahasa Indonesia (4 tutorials per week)

(b) An Introduction to the Indonesian and Malayan Area (2 lectures per week).

Indonesian and Malayan Studies IIB

This course contains two parts:

(a) Bahasa Indonesia (4 tutorials per week).

(b) One major option to be chosen from the following list:

Modern History of the Indonesian and Malayan Area I
Ancient History of the Indonesian and Malayan Area I
Politics of the Indonesian and Malayan Area I
Adat I
Modern Literature of the Indonesian and Malayan Area I
Traditional Literature of Java and Bali I
Art History of Java and Bali I

Indonesian and Malayan Studies IIA

This course consists of three parts:

(a) Bahasa Indonesia (3 tutorials per week).

(b) One major option selected from:

Modern History of the Indonesian and Malayan Area I
Ancient History of the Indonesian and Malayan Area I
Politics of the Indonesian and Malayan Area I
Adat I
Modern Literature of the Indonesian and Malayan Area I
Traditional Literature of Java and Bali I
Art History of Java and Bali I

(c) One supplementary option to be selected from:

(i) One of the major options not already taken

(ii) Pass students may select one of the following language options:

Javanese I
Balinese I
Classical Malay I
Minangkabau I
Literary Javanese I
Dutch I

For the time being, however, approval of the head of department will be necessary as there will be a quota of about six students for each language. Honours students who are required to take one of these languages as part of their honours course will have first priority.

(iii) Linguistic Aspects of Indonesian (subject to confirmation by the head of department).

(iv) Other approved courses offered by other departments not already taken by the student.

Indonesian and Malayan Studies IIB (Honours) and Indonesian and Malayan Studies IIA (Honours)

In addition to fulfilling the requirements for the pass course honours students will be required to take:

(a) One of the following language options:

Balinese I
Classical Malay I
Dutch I
Javanese I
Literary Javanese I
Minangkabau I.

(b) The honours extension of their major option.

Honours students taking their major options in Ancient History of the Indonesian and Malayan Area I, Traditional Literatures of Java and Bali I or The Art History of Java and Bali I will be required to take as their major optional extension Javanese I or Balinese I, or Literary Javanese I, or Classical Malay I unless they have selected one of these languages as a language option or as a supplementary option or as part of Indonesian and Malayan Studies II Additional.

Indonesian and Malayan Studies II Additional

Students must choose two major options already taken from the pool of major options available in Indonesian and Malayan Studies IIA and IIB; however, one may be selected from the following language options:

Javanese I
Balinese I
Classical Malay I
Minangkabau I
Literary Javanese I
Dutch I

Permission of the head of department may be given to students to replace the above languages by Arabic or Sanskrit.

Indonesian and Malayan Studies IIIB and Indonesian and Malayan Studies IIIA

These courses consist of two parts:

(a) Core

(i) Language: Bahasa Indonesia
Indonesian and Malayan Studies IIIA: 2 Tutorials each week
Indonesian and Malayan Studies IIIB: 3 Tutorials each week

(ii) Bibliographic Project

(b) Options

Students must choose two options, that are directly related to each other.

(i) One must be part II of the major option completed in Indonesian and Malayan Studies IIA or IIB:

Modern History of the Indonesian and Malayan Area II
Ancient History of the Indonesian and Malayan Area II
Politics of the Indonesian and Malayan Area II
Adat II
Modern Literature of the Indonesian and Malayan Area II
Traditional Literature of Java and Bali II
Art History of Java and Bali II

(ii) One supplementary option:
(1) One of the major options not already taken by the student. This can be Part I or Part II
(2) An Introduction to Classical Malay Literature (Classical Malay I or Modern Literature of the Indonesian and Malayan Area I are prerequisites for this option)
(3) Pass students *may* also choose one of the following languages as supplementary options:
Javanese II
Balinese II
Classical Malay II
Minangkabau II
Literary Javanese II
Dutch II
(4) One of the units listed under IIA and IIB major and supplementary options not already taken by the student.

Indonesian and Malayan Studies IIIB (Honours) and Indonesian and Malayan Studies IIIA (Honours)

In addition to fulfilling the requirements of the Pass Course, honours students will be required to take:
(a) One of the following regional languages:
Javanese I
Balinese I
Minangkabau I
Classical Malay I
Literary Javanese I

Those students who have already completed Part I of a regional language will be required to take Part II of that language. Permission of the head of department may be given to students to continue the study of Arabic or Sanskrit.
(b) Dutch II
(c) The honours extension of their major option.

Indonesian and Malayan Studies III Additional

Students must choose two major optional courses not already taken from:
(a) The pool of major optional courses in Indonesian and Malayan Studies IIIA and IIIB
(b) Students who have already completed Course I of a regional language course may take Course II of that language:
Balinese II
Javanese II
Classical Malay II
Literary Javanese II
Minangkabau II
Dutch II

Permission of the head of department may be given to students to continue the study of Arabic or Sanskrit.
(c) If the student is able to demonstrate the direct relevance of a choice of a major optional course in the pool of major optional courses available to students in Indonesian and Malayan Studies IIA and IIB or of a Course I of a regional language to his total programme of study in Indonesian and Malayan Studies, permission of the head of department may be obtained to include one such course as part of the Indonesian and Malayan Studies III Additional.

Indonesian and Malayan Studies IV

(a) Credit will be given to students who visit Indonesia, Malaysia or Singapore during Lent Term. Students who wish to take advantage of this opportunity will have to work on an approved project or complete coursework at an approved institution. On their return students will undergo a language examination in Bahasa Indonesia, Bahasa Malaysia or an approved regional language and must also submit written work on their project or undergo an examination on the subject matter of the coursework done in Indonesia, Malaysia or Singapore. In certain circumstances approval may be obtained to complete work at an approved institution in the Netherlands, Great Britain, the United States of America, Australia or elsewhere.

At the end of Michaelmas Term students will be required to submit a thesis on a selected topic on the history, politics, sociology, languages or literatures of the area. Those students who have not completed the second year of a regional language will have to do so. Those students who have completed the second year of a regional language will take a seminar course approved by the head of department. In addition, during Trinity and Michaelmas Terms students will be expected to participate in seminars on aspects of the history, politics, languages or literatures of the area or attend other approved courses.

(b) Students not making an approved visit to Indonesia, Malaysia or Singapore during Lent Term will be expected to submit a thesis on a selected topic on the history, politics, sociology, languages or literatures of the area. Those students who have not completed the second year of a regional language will have to do so. Those students who have completed the second year of a regional language will take a seminar course approved by the head of department.

Joint honours degree in Indonesian and Malayan studies and another subject

Candidates for honours in Indonesian and Malayan Studies, who have completed Courses II and III at honours level in another subject offered for the BA degree, may, with the approval of the Faculty on the recommendation of the heads of departments concerned, complete for the fourth year a course consisting of honours options offered in Indonesian and Malayan Studies and that other subject.

When selecting combinations of options students must consult members of staff. Approval of the head of department for all combinations of options is necessary.

ISLAMIC STUDIES

For Islamic Studies I, see the course description following Arabic under the entry for Semitic Studies in this section of the Calendar.

ITALIAN

Courses in Italian are given in two streams, A and B, in first and second years.

The first year concentrates on language acquisition in the case of IB, and language consolidation in the case of IA. Other areas are, however, covered at the early stage, namely a variety of literary forms, particularly of the twentieth century are studied, within their cultural/historical context. (Italian IB is offered also as an evening course, and there is some provision for late afternoon classes in Italian IIB, staffing levels permitting.)

Italian IB students who successfully complete their course have the choice of proceeding to IIB as a single course, or may proceed to study two Italian courses in their second year: Italian IIB, and IIB Additional. Students who are eligible to enter IIB Honours may also enrol in IIB Additional, which emphasises the acquisition of language skills, comprehension, speaking, reading and writing. IIB Additional is recommended for those who wish to specialise in Italian, particularly B stream students who intend to proceed to Italian III and beyond. (Since the number of places in the Additional course is limited, students are advised to consult with the second year co-ordinators before officially enrolling in the course.)

Italian IA students normally proceed to Italian IIA. The A and B streams for first and second year converge in Italian III.

There are three honours courses in Italian. The sequence of honours courses is listed below. Students contemplating an honours course usually begin the honours component in Italian II (where B students are particularly advised to take IIB Additional). There is special provision for those who have achieved a high result in Italian II and who may wish to proceed from a pass to an honours course. Each case is considered on its merits and no guarantee of acceptance can be given.

The second year course offers a set of core subjects, complemented by a range of options from which the student may choose. The core areas cover language consolidation and extension, both written and spoken, a lecture and tutorial series on the history of ideas and a lecture series on linguistics. The options cover Italian language, literature and linguistics. There are some restrictions on eligibility, and students are advised to check carefully before proceeding to purchase textbooks.

The third year course introduces classics of Italian literature and also offers a choice of options. In addition there are certain compulsory courses for honours students in the areas of literature, literary theory and linguistics. The language skills developed during the first two years of the course are consolidated in third year.

The sequence of courses in Italian is as follows:

Pass

IB	IB	IA
IIB	IIB	IIA
	IIB Additional	
III	III	III

Honours

IB	IB	IA
IIB Honours	IIB Honours	IIA Honours
	IIB Additional	
III Honours	III Honours	III Honours
IV (Honours)	IV (Honours)	IV (Honours)

LATIN

Courses in the department deal with various aspects of Roman civilisation. Language study is regarded not as an end in itself but as a critical tool for the appreciation and understanding of Latin literature and Roman history, civilisation and society.

Latin IB

Prerequisite: Nil (knowledge of another foreign language would be an advantage, however). Latin IB is an *elementary course* for the purpose of degree requirements.

Examination, and test on long vacation reading in March for students proceeding to Latin IIB.

This course aims at providing students with a basic knowledge of the Latin language. From an early stage students will read texts in Latin.

Latin IB may be counted as a qualifying course towards the BA degree without necessarily being followed by Latin IIB and IIIB. Students are strongly advised to read carefully Chapter X of the by-laws in the Statutes section of this *Calendar* dealing with degree requirements—IB (elementary) courses.

Each student will need a Latin grammar and a Latin-English dictionary.

Reference books

B. H. Kennedy—*The Revised Latin Primer* (Longmans)

Lewis and Short—*A Latin Dictionary* (Oxford U.P.)

Latin IA, IIA and IIIA; Latin IIB and IIIB

Roman civilisation is in many ways indebted to that of the Greeks. For advanced studies therefore a knowledge of Greek is essential.

Students who are considering taking Honours in Latin, and who have not previously studied Greek, are strongly advised to take the Greek IB course early in their university career. The Department of Latin expects students entering Latin IV to have attained at least the standard of Greek IA.

Latin IA(i)

1. *Reading course* (1 hour per week)

Material will be selected from:

Lent term

Carmina Burana

Trinity term

Tibullus

Michaelmas term

Pliny, *Epistulae*

Material from these authors will be made available to classes.

2. *Works for detailed study* (3 lectures per week)

Textbooks

Lent term

Cicero, *In Catilinam* I-II, ed. J. Gould and H. Whiteley (Bristol Classical Press)

Trinity term

Catullus, ed. R. A. B. Mynors (O.C.T.)

Michaelmas term

Livy, XXI, ed. P. G. Walsh (Bristol Classical Press)

3. *Tutorials* (one hour per week)—Studies in Roman history and society, and Latin literature.

These will be held at a time arranged in consultation with students and will provide background information on various subjects in Roman studies.

4. *Language study* (one hour per week)

This will include translation into and from Latin, and study of stylistics and comprehension.

Reference books
A dictionary—see above under Latin IB
A Latin grammar, such as
B. H. Kennedy *Revised Latin Primer*
Gildersleeve and Lodge *Latin Grammar* (Macmillan)
E. C. Woodcock *A New Latin Syntax* (Bristol Classical Press, reprint, 1983)

Latin IA(ii)
This course will not be available this year.

Latin IIB
Prerequisite: Latin IB.
Course content as for Latin IA above.

Latin IIA (Pass)
Prerequisite: Latin IA.
1. *Works for detailed study* (2 hours per week)
Textbooks
Lent term
Horace, *Odes*, ed. H. W. Garrod (O.C.T.)
Trinity term
Tacitus, *Annales* XV, ed. N. Miller (Methuen)
Michaelmas term
Juvenal, *Satires*, ed. J. D. Duff, rev. M. Coffey (Cambridge U.P., 1970)

2. *Literary genres* (one hour per week)
A series of lectures will be given each term on an important genre in Latin literature.
Lectures will cover:
(a) lyric
(b) satire
(c) historiography

3. *Roman history* 44 BC–AD 180 (one lecture or seminar per week)
Textbooks
M. Cary and H. H. Scullard *A History of Rome*, rev. edn (Macmillan, 1975)
M. Reinhold and N. Lewis *Roman Civilisation*, vol. II: *The Empire* (Harper Torchbooks, 1966)

4. *Language study* (one hour per week)
The aim of this course is to give intensive training in the understanding and use of Latin. Regular assignments in translating passages from and into Latin will be given.

5. *Extra reading* (one hour per week)

Latin IIA (Honours)
1. *Works for detailed study*
As for IIA (Pass). This course will be taken by honours and pass students together.

2. *Studies in Latin Literature*
Honours students too will take the course on important literary genres, with Latin IIA (Pass) (see above). Besides this, they will have regular classes devoted to the reading and study of the works given below.
Textbooks
Apuleius *Metamorphoses* I-IV, Loeb edn rev. by S. Gaselee
Ovid *Ars Amatoria*, ed. E. J. Kenney (O.C.T.)
Martial, ed. W. M. Lindsay (O.C.T.)

3. *Roman History* 44 BC–AD 180
Honours students will take the lecture course with IIA (Pass) on the period 44 BC–AD 180. In addition, one seminar a week will be held on topics drawn from the lecture course.

4. *Language study*
Regular assignments will be given in translating from and into Latin, at an appropriate level.

Latin IIIB (Pass)
Prerequisite: Latin IIB.
Course content as for Latin IIA (Pass) above.

Latin IIIB (Honours)
Course content as for IIA (Honours) above.
(N.B. Students who have satisfactorily completed Latin IIIB (Honours) and who wish to proceed to Latin IV should consult the head of the department.)

Latin IIIA (Pass)
Second and third year pass courses in Latin are given as a unit. Students intending to take Latin IIIA should, therefore, consult the Latin IIA programme.

Latin IIIA (Honours)
Students taking Latin IIIA (Honours) take the same courses as those in IIA (Honours). They will also take the course:
Textual criticism (one hour per week)

Latin IV
Topics are arranged in consultation between the students and the department: they can be either quite broad, or fairly restricted and intensive. Courses will be arranged in:
1. Literature
2. Textual criticism
(Latin IV students will take this unit along with Latin IIIA (Honours) students)
3. History
4. Thought
5. Language and stylistics
6. Written work.

Students are required to present either 2 long essays during the year, or a single thesis: they will make their choice after consultation and discussion with the department.

Students intending to enter Latin IV are asked to consult the head of department before the end of their third year, to discuss their proposed courses and written work.

CLASSICS IV
A student who has completed the requirements for entry into both Greek IV and Latin IV may, with the permission of the heads of both the Department of Greek and the Department of Latin, elect to undertake a final joint honours year in Classics (see Senate Resolutions 31(2) and 32(2)). The course in Classics IV Honours will comprise such parts of the final honours courses in Greek and Latin as may be approved by the Faculty on the recommendation of the heads of the two departments in each individual case.

Students who are thinking of becoming candidates for Classics IV Honours are advised to consult with both departments as early as possible in the preceding year.

LEGAL SCIENCE SUBJECTS
For details of the following subjects see under Faculty of Law:
Legal Institutions
Public Law
Common Law (comprising Torts and Contracts)

LINGUISTICS

The department offers the following undergraduate courses:

Linguistics I
Linguistics II (pass and honours)
Linguistics III (pass and honours)
Linguistics IV (honours)

Linguistics I is a general introduction to the study of language, designed both as a self-contained course for those not intending further study in linguistics and as a prerequisite for Linguistics II. Linguistics II and III are offered to both pass and honours students; honours students take the pass course together with additional lectures and seminars.

Linguistics I

(101) Introduction to language study
(102) Systemic aspects of language
(103) Dynamic aspects of language

Note: See also the course Aboriginal Performing Arts, offered jointly by the Departments of Music, Anthropology, Linguistics, English and Fine Arts, included at the end of the entry for the Department of Music below.

Linguistics II (Pass)

(201) Phonology and phonetics
(202) Functional grammar
(203) Discourse and register

Linguistics II (Honours)

As Linguistics II (Pass), plus:
(212) Australian languages
(213) History of linguistics

Linguistics III (Pass and Honours)

Pass students take four of the following units. Honours students take all six.
(301) Generative grammar
(302) Transformation theory
(303) Functional semantics
(311) Field methods in linguistics
(312) Twentieth century linguistics
(313) Historical linguistics

Linguistics IV

Students write a dissertation and take two courses, *either* 401 and 402 *or* one of these plus one from Linguistics 551–557
(401) Systemic theory
(402) The study of linguistic variation
(551) Theories of second language development
(553) Functional varieties of language
(554) Language development in children
(563) Language testing (1/2)
(564) Language contact and translation (1/2)
(571) Approach, procedure and technique: Analysis of language teaching methodology (1/2)

MATHEMATICS
Mathematical Statistics
Applied Mathematics
Pure Mathematics

See under Faculty of Science.

MODERN GREEK

See above under Greek.

MUSIC

The Department of Music provides a four-year course leading to the BA honours degree in Music, and three- and four-year courses leading to the BMus pass and BMus honours degrees, respectively. The award of the BMus degree is governed by the Board of Studies in Music under separate regulations (see Chapter XD of the by-laws and appended Senate resolutions). Pass courses in Music (up to five courses in all) may also be taken as units counting towards the BA pass degree. (A brochure describing all available courses and a syllabus listing their content in detail may be obtained from the department.)

Entrance requirements: The first year of Music may normally be taken only by students reaching the 61st percentile in the 3 unit or the 71st percentile in the 2 unit Music course at the HSC examination. In certain circumstances students who have not taken either of these courses may be admitted after passing a departmental musicianship test. Prospective candidates should consult the head of department.

Students must register with the department, during the orientation period, before beginning each year of any course.

All BA honours and BMus students must complete the Pass courses Music I, II and III. Details of additional courses available for BA Pass students in second and third years are given below. Additional requirements for honours BA students are also given below; the additional requirements for BMus students are provided in the syllabus obtainable from the Department of Music and also in the courses of study section of the Calendar headed 'Board of Studies in Music' (following the course descriptions for the Faculty of Medicine).

Participation is required in the departmental choir, orchestra, gamelan, or in a chamber group.

All students, especially honours students, must be proficient at the keyboard—they should be able to perform music of a technical standard equivalent to that of the simpler movements of Beethoven's Piano Sonatas. Students lacking this skill on entry to the department will be expected to acquire it during their course.

Music I

Aural class; concepts of melody, harmony and rhythm; the history of Western European music to 1700; Western European music of the twentieth century; ethnomusicology.

Music II (Pass)

Aural class as for Music I, but in greater depth; 18th-century counterpoint, and 18th- and 19th-century harmony; the history of the music of Western Europe from 1700 to 1890; ethnomusicology; structure and analysis of music, and study of scores, especially J. S. Bach's cantata *Labet Gott in seinen Reichen (The Ascension Oratorio)*, BWV 11; Haydn, String Quartet in C, op. 33 no. 3; Mozart, Piano Concerto in C minor, K.491; Beethoven, String Quartet in E minor, op. 59 no. 2, and Piano Sonata in E, op. 109; Schubert, *Die Schöne Müllerin*; Schumann, *Liederkreis*, op. 39; Wagner, *The Ring of the Nibelung*. Students must expect to buy their own scores of most of these works, since there are insufficient loan copies in the departmental and in Fisher Libraries.

Music II Additional (for Pass BA only)

Corequisite: Music II (Pass).

A study of 16th-century embellishment, involving both composition and performance; Orchestration I; *either* Composition Special *or* Performance Practice.

Music II (Honours)

Work additional to Music II (Pass):

Sixteenth-century contrapuntal and harmonic techniques.

Keyboard work: details available in the department.

Music III (Pass)

Aural class as for Music II, but at a more advanced level; harmony and counterpoint in 20th-century styles; ethnomusicology; structure and analysis of music, especially Debussy, *L'après-midi d'un faune* and Preludes, books 1 and 2; Bartok, String Quartet no. 4; Stravinsky, Octet and *Requiem Canticles*; Schoenberg, Five Orchestral Pieces, op. 16; Webern, Symphony, op. 21; Berg, *Lyric Suite*. Students should buy their own scores.

Music III Additional (for Pass BA only)

Prerequisite: Music II and Music II Additional.
Corequisite: Music III.

Introduction to Musicology and Ethnomusicology.

Two seminars from those offered for BA Honours or BMus (list available in the department).

Music III (Honours)

Work additional to Music III (Pass): Introduction to Musicology and Ethnomusicology.

Keyboard work: details available in the department.

Two seminars.

Music IV (Honours)

Three seminars.

The ability to read scholarly writing on music and musicology/ethnomusicology in French *or* Italian *or* German *or* Latin must be acquired before or during the year. A translation paper will be given at a date to be arranged. Dictionaries may be used.

An original thesis on a subject will be chosen by the candidate in consultation with the head of department, not later than 10 December of the year prior to the date of the final examination. Its length should be between 10 000 and 12 000 words. The completed thesis must be submitted to the head of department by 15 October immediately preceding the final examination.

Aboriginal Performing Arts

This course is available for the first time in 1984 at second year level. It may be taken by any student who has completed one of the following: Music I, Anthropology I, Linguistics I. Students not having these prerequisites may, with the permission of the head of the Department of Music, be permitted to enrol in the course.

The course focuses on the Aboriginal performing arts, their interrelationships one to the other, and their place within Aboriginal culture. The arts in Aboriginal society are not, as is often the case in western culture, practised in isolation either one from another or from other broader aspects of culture. In ritual contexts, music more often than not accompanies dance; painting or sculpture is rarely executed without the singing of sacred songs; song is the only form of poetry. Complexes of songs, dances and visual designs are the most cogent and sacred forms in which religious and social values are expressed.

The intimate links between the Aboriginal arts necessitates an interdisciplinary approach. Lecturers in the course will be drawn from the departments of Music, Anthropology, Linguistics, English and Fine Arts.

Arts in the culture of the Gidjingali of North Central Arnhem Land

Lent term: Social organisation; the Gidjingali language; song, dance and the visual arts.

The arts in Aboriginal society (pan Australia)

Trinity term: Linguistics and its relationship to oratory, story-telling and song; totemism and the visual arts; ethnographic film; song, dance and verbal discourse.

Aboriginal performing arts in a changing environment

Michaelmas term: Theory of syncretism in anthropology and ethnomusicology; non-traditional music and dance in their social context; the music of new Aboriginal religious cults; Aboriginal visual arts in European styles.

NATURAL SCIENCE SUBJECTS

Biology
Chemistry
Geology
Physics

For details see under Faculty of Science

ORIENTAL STUDIES

In both Chinese and Japanese, courses are available for candidates in A and B streams for the pass degree and there are additional final honours courses for candidates for the honours degree. An elementary course (IB) is offered in both subjects and for those who have no previous knowledge of the subject concerned, the appropriate elementary course must be taken first. The general regulations governing elementary courses are set out in Chapter X of the by-laws.

Students intending to take Chinese IB or Japanese IB should consult with the head of the Department of Oriental Studies before making their enrolment. Students proposing to enter Chinese IA or Japanese IA should similarly consult the department unless they have passed in 2 unit Chinese or in either 3 unit or 2 unit Japanese at a satisfactory standard at the HSC examination or other equivalent examination.

Intending honours students who commence with an elementary course in Chinese or Japanese should note that if they obtain a credit result or better in both the IB course and the IIB course and if they have completed three other qualifying courses, they may apply to the Faculty through the head of department for permission to take the Honours IIIB and Honours IIIA courses concurrently in the following year. If approved, the honours degree may thus be completed in four years.

Chinese IB

This course assumes no previous knowledge of Chinese. It consists of introductory lectures on Chinese language, literature and history and classes for the reading of introductory texts and in spoken Chinese. Attendance is required at all lectures and classes.

Chinese IA

1. Modern Chinese composition and conversation.
2. Chinese history—history of thought in China.
3. Introduction to classical Chinese.
4. Selected modern texts.

Chinese IIB

(see Chinese IA above)

Chinese IIA (Pass)
1. Selected classical and modern texts.
2. Modern Chinese composition and conversation.
3. Chinese history—Imperial China: Han-Sung.

Chinese IIA (Honours)
As Pass and in addition:
4. Special author for study: Lu Hsün (1881–1936).

Chinese IIIB (Pass)
(see Chinese IIA above)

Chinese IIIB (Honours)
(see Chinese IIA (Honours) above)

Chinese IIIA (Pass)
1. Selected classical and modern historical texts.
2. Selected classical literature.
3. Modern Chinese composition and conversation.
4. Chinese history—Imperial China: Ming-Ch'ing.

Chinese IIIA (Honours)
As Pass and in addition:
5. Special author for study: Su Shih (1037–1101).

Chinese IV (Honours)
1. Chinese Literature: Late Ch'ing and 20th-century writers.
2. Chinese History: 20th-century history.
3. Chinese Thought: Ch'ing and 20th-century Chinese thinkers.
4. Japanese for Chinese studies.

Candidates will also be required to present a short thesis on some sinological topic.

Japanese IB
This course assumes no previous knowledge of Japanese. It consists of introductory lectures on Japanese civilisation, classes for the reading of simple modern Japanese texts, and classes in spoken Japanese.

Attendance is required at all lectures and classes.

Japanese IA
1. Composition and conversation.
2. Selected modern texts.
3. Japanese history to 1800.

Japanese IIB
(see Japanese IA above)

Japanese IIA (Pass)
1. Composition and conversation.
2. Prescribed books for study: (i) Selected modern drama texts; (ii) Selected modern literary and other texts.
3. Japanese history since 1800.

Japanese IIA (Honours)
As for pass but with additional literary texts.

Japanese IIIB (Pass)
(see Japanese IIA above)

Japanese IIIB (Honours)
(see Japanese IIA (Honours) above)

Japanese IIIA (Pass)
1. Seminars in spoken Japanese.
2. Composition.
3. Selected modern literary and other texts.
4. Topics in Japanese cultural and literary history.

Japanese IIIA (Honours)
As for pass but with additional literary texts.

Japanese IV (Honours)
1. Modern Japanese literature.
2. Classical Japanese literature.
3. Japanese linguistics.
4. Japanese thought.
5. Japanese theatre.

Candidates will also be required to present a short thesis on a linguistic, literary or historical topic.

PHILOSOPHY
Department of General Philosophy
Department of Traditional and Modern Philosophy

There are two departments in the school of Philosophy, the Department of *General Philosophy* (Philosophy (G)) and the Department of *Traditional and Modern Philosophy* (Philosophy (T)). While both departments cover many of the same areas, they differ in their conception of the proper scope and teaching of the subject and the administration of the department. There are provisions for students in either department to take some course units in the other and, after first year, students may take full courses in both departments, counting them as separate units towards a degree.

GENERAL PHILOSOPHY
The Department of General Philosophy sees philosophy as concerned with critical reflection on the major forms of human theory and practice—forms of inquiry and systems of belief, in the natural and social sciences for example, social and cultural movements, and political and ethical ideals and practices. Courses are presented in four main programmes: History of Philosophy; Epistemology, Logic, and Philosophy of Language; Marxism, Political Philosophy; and Theories of Human Existence. Full details of courses are available from the department.

TRADITIONAL AND MODERN PHILOSOPHY
The Department of Traditional and Modern Philosophy offers a structured course, where each year's work is designed to build upon the previous year's work. Central areas and central problems of the discipline are emphasised. There are units in Metaphysics and Epistemology, Logic and Language, Moral and Political Philosophy, and History of Philosophy, in each year. Many of the courses involve exposition and criticism of the thought of the great philosophers, although their relevance to contemporary philosophical investigation is constantly brought out. Full details of each year course are contained in booklets obtainable from the department.

General Philosophy I
This course is intended as an introduction to philosophy, its history as well as its main contemporary concerns. There are four units to the course.

(a) *A Critical Introduction to Moral and Political Philosophy*

One lecture per week for the first half-year. This unit examines some influential systems of moral and political philosophy, and investigates both their success in

achieving their professed aims, and the assumptions and social realities that underlie those aims.
(b) *An Introduction to Epistemology and the Philosophy of Science*
One lecture per week for the first half-year. This unit considers issues raised by our knowledge of the world, and scientific growth and change. It concludes by considering what philosophy is and what is the point of it.
(c) *Critique of Social Theory*. One lecture per week in the second half-year. This unit will attempt to single out and criticise some common assumptions in the social sciences.
(d) *Option*. Two hours of lectures or seminars a week in the second half-year. Students choose from the following list of options: *Marxism I, Feminism I, Criticism and Argument I, The Philosophy of Religion, Elementary Logic* and *Aesthetics*.

General Philosophy II and III

The department provides a wide range of options within a flexible structure enabling each student to choose a suitable group after consultation with staff. All options are open to both second and third year students and the list may be changed from year to year.

Requirements
Pass. A choice of four options.
Honours. Either a choice of five options, or four with one nominated as an honours option in which substantial research work will be required.

General Philosophy IV (Honours)

Students write a thesis and take the equivalent of six half-year seminar courses chosen from various courses offered in both departments. However, the major part of each student's work must be completed in the Department of General Philosophy.

Traditional and Modern Philosophy I

This course is intended as an introduction to philosophy suitable both for those who wish to take one year of the subject and those who wish to go on. There are three lectures a week and one tutorial. The course has four strands: an introduction to metaphysics, the general theory of reality, which will consider the nature of mind and persons, the problem of free will and the existence of God; an introduction to moral philosophy; an introduction to the theory of knowledge; and an option where students choose between Logic, Contemporary Moral Problems, Philosophy of Language, and Greek Philosophy.

Traditional and Modern Philosophy II

Pass students take three units, and honours students four, chosen from among:

Elementary Logic
Intermediate Logic
Language, Mind and Reality
Philosophy of Language
Theory of Knowledge
Realism
Philosophy of Science
Positivism
Philosophy of Mind
History of Ethics
Modern Ethics
Theories of Distributive Justice
Descartes
Locke

Students may in most circumstances substitute a unit from General Philosophy for one of these. There are some restrictions on the possible combinations of units. Details of the course are available from the department.

Traditional and Modern Philosophy III

Pass students take three units, and honours students four, chosen from among:

Philosophy of Language
Intermediate Logic
Gödel's Theorem
Realism
Theory of Knowledge
Philosophy of Science
Russell, Quine and Ontology
Positivism, Popperism and After
History of Ethics
Modern Ethics
Distributive Justice
Kant
Hegel
Locke

Students may in most circumstances substitute a unit from General Philosophy for one of these. There are some restrictions on the possible combinations of units. Details of the course are available from the department.

Traditional and Modern Philosophy IV (Honours)

Students write a thesis, under supervision, and take the equivalent of four half-year seminar courses chosen from various courses offered in *both* departments. They also attend the (full-year) departmental seminar.

PSYCHOLOGY

See under Faculty of Science.

RELIGIOUS STUDIES

The Department of Religious Studies aims at providing an understanding of the phenomena of religion within the total context of Primal, Eastern and Western cultures. Its methods are those of history, sociology, psychology and phenomenology, applied to specific areas of human experience.

Students may take Religious Studies courses either as an element in the pass BA degree, or may proceed to an honours degree in Religious Studies. The honours degree will provide the type of basic qualification eminently suitable for teachers of religion at the secondary or tertiary level, or for workers in intercultural situations.

It should be made clear that the department's approach is non-confessional, so that staff and students may be of any faith or none.

The overall structure of courses is still only provisional, and may be modified in future years. The present pattern, however, is that after broadly based intercultural studies in year II, the student will be able in years III and IV (for honours) to specialise in Eastern religions, the world of early Christianity and (at the honours level) in other areas.

Students wishing to enter Religious Studies II (Pass) must have passed at least two first-year courses. Students wishing to enter Religious Studies II (Honours) must in addition normally have reached credit standard in one of the following courses: Biblical Studies I, Anthropology I, History I, Philosophy I, Psychology I, Greek IA. Students wishing to enter third-year Religious Studies courses (Pass or Honours) must have reached credit standard in the

appropriate second-year courses. Dispensations may be negotiated with the head of department in certain circumstances.

Biblical Studies I

Introduction to the Literature and Religion of the Bible

This introduction to the history, literature and religion of the Bible touches on many interesting questions concerning archaeology, geography, the relationship between ancient Israel and surrounding cultures, the formation of the Bible and the foundation of the Judaeo-Christian religious tradition.

The course provides a background for further study in both Biblical Studies II and Religious Studies II.

Religious Studies II (Pass)

An Introduction to the History of Religions

A general introduction to the history and phenomenology of religion, covering a very wide area from the Stone Age to modern religious movements, from theories about religion (including Marx and Freud) to secular alternatives to religion. The course includes a survey of primal religion (including Australian Aboriginal), ancient religion (including Egypt, Greece and Rome), and the Great Religions (Hinduism, Buddhism, Judaism, Christianity and Islam); it also considers themes in religion (power, sexuality, consciousness expansion etc.) The approach is thematic and phenomenological, and students are expected to specialise in traditions or themes of their own choice in writing essays and preparing for examinations.

Religious Studies II (Honours)

(1) As for Religious Studies II (Pass).

(2) Problems of method in the study of religion.

(a) Recent history of the non-confessional approach to the study of religion, with particular reference to the rise and fall of evolutionary theory, and to the methods and approaches of the phenomenology of religion.

(b) Alternative methodological approaches to the study of religion.

Religious Studies III (Pass)

This course is divided into half-yearly units. Students may elect to take one unit in the first half of the year, and one unit in the second. Units may be combined freely, except that no two units may be taken simultaneously. Units 1, 3, 5, 7 and 9 will be offered in the first half-year, units 2, 4, 6, 8 and 10 in the second. Unit 11-12 will run throughout the year.

III/1 Hinduism A

This course examines historically the origins and development of religion on the Indian sub-continent, from the Indus Valley civilisation to the medieval period. Beginning with the archaeological evidence from Mohenjo-Daro and Harappā and the earliest Vedic scriptures, it goes on, via the teachings of the Upanisads, to trace the emergence of the orthodox (*āstika*) and unorthodox (*nāstika*) religious and philosophical systems. The *Bhagavad Gita* will be considered, as well as the teachings of later Vaisnava and Saiva *bhakti* schools in both north and south India.

III/2 Hinduism B

This unit considers developments within Hinduism since the middle years of the nineteenth century, paying particular attention to such leaders as Ram Mohun Roy, Dayananda Sarasvati, Ramakrishna, Vivekananda, Autobindo, Tagore and Gandhi, and to the interplay of religion and politics in the Indian national movement.

III/3 Theravada Buddhism

Traditions about the life and teachings of the Buddha are examined in some detail, together with the character and ethos of the early Buddhist *sangha* and the split between *Theravada* and *Mahayana* schools of Buddhist thought. The course concentrates on the *Theravada* tradition, with special reference to Sri Lanka and Southeast Asia.

III/4 Mahayana Buddhism

An examination of developments in the Buddhism tradition outside Japan, with particular reference to Tibet, China and Japan.

III/5 New Testament Studies A

The aim of the course is to study the origins of Christianity through its classic documents. The New Testament provides by far the most extensive of our sources of information about the origins of Christianity. The documents it contains will be studied with respect to the religious, social and intellectual environment of early Christianity in the Graeco-Roman world as well as the internal development of the Christian movement and its basic ideas.

III/6 New Testament Studies B

This unit concentrates on the Judaic background of early Christianity, with a view to demonstrating the essential continuity of the Old and New Testament traditions.

III/7 Sociology of Religion

The sociological tradition in western thought, with particular reference to the examination of religious institutions and the formation of theories to account for continuity and change in the world of religion.

III/8 New Religious Movements

An introduction to the phenomena of new religious movements, from the late nineteenth century to the present day, considering the socio-cultural situations in which they have appeared, the themes manifested in them, and social reaction to them. Movements upon which the course will focus include: Hare Krishnas, Scientology, Children of God, 'Moonies', Rajneesh, Ananda Marga, Transcendental Meditation. The course will also consider the rise of neo-paganism and Fundamentalism, and will examine the controversies that have surrounded the new religious movements (including brainwashing, deprogramming, the role of the media in religious controversy, religion and law, etc.)

III/9 Secularisation in Western Religion

An examination of the process by which authority has been transferred from religious to secular institutions in recent western history.

III/10 Japanese Buddhism

An introduction to the history and philosophy of Buddhism in Japan, examining the transformations of Buddhist thought from its first entry into Japan through to the rise to the new sects in recent decades. It analyses the basic teachings of the Sanron, Hosso, Kegon, Tendai, Shingon, Zen, Jodo, Jodo-Shin and Nichiren sects, indicating their various influences on Japanese art and culture.

III/11-12 Indigenous Religions of the Far East
The course is an introduction to indigenous Far Eastern religions as distinct from the imported religions of Buddhism, Christianity and Islam. It examines Chinese religion in the pre-Buddhist period from the Shang to the Han dynasties, popular Chinese religion, and the various philosophical developments of Confucianism and Taoism. It then turns to the Japanese Shinto tradition, Shinto-Buddhist assimilations, the Confucian and Taoist elements in Japanese religion, Shinto in the Meiji period, Japanese folk religion, with special reference to shamanism, and the rise of new religions in modern Japan.

Religious Studies III (Honours)
Honours students take the following tutorial/seminar course, together with Religious Studies III (Pass).

Problems and Methods in the Study of Religion
A tutorial-seminar course in which detailed consideration will be given to selected methodological and phenomenological subjects. This year the main subjects will be: encounters between different religions and cultures; and the nature of religious experience, individual and corporate.

Religious Studies IV
The Phenomenology of Religion: Aims and Approaches
The course has two parts, A and B.

Part A consists of a double seminar (two hours per week), which will deal with the phenomenological and hermeneutical traditions in the study of religions. This will mainly take the form of intensive reading and analysis of the works of leading scholars in the area. This year particular attention will be paid to Ninian Smart, Wilfred Cantwell Smith, C. J. Bleeker and Mircea Eliade. Students will be required to complete three written assignments during the year. Comprehensive reading lists will be made available.

Part B consists of a Guided Reading Course leading to a sub-thesis. The programme of study will be arranged by consultation with the head of the department, and the amount of contact time with the student's designated supervisor will be the same as in Part A.

In Michaelmas term, students will be required to present a thesis on a topic arranged in consultation with the staff of the department. The topic will normally arise out of the Guided Reading Course in Part B, and should be about 15 000 words in length.

SEMITIC STUDIES
HEBREW
The Department of Semitic Studies offers a three-year pass course to students starting to learn the language. It also offers a three-year pass course to students coming to the department with HSC Hebrew or its equivalent. Students in either category may plan a four-year honours degree.

Students beginning Hebrew are expected to enter Hebrew IB and will normally continue their studies in course Hebrew IIB. Students entering the department with HSC in either 3 unit or 2 unit Hebrew will enter Hebrew IA and are expected to continue their studies in course Hebrew IIA. All students enter a common third year, Hebrew III.

Students who wish to enter the honours school must pass with credit at the end of their first year. In special circumstances the Department may recommend to Faculty the admission to the honours school of a candidate who has not passed the first year with credit (IA course only).

First year courses are designed to give a firm grounding in the language skills on which all advanced studies are based, and, in the IA course, provision is made to introduce students to the full historical range of the Hebrew language so as to enable students to refine their interests for subsequent specialisation.

Hebrew IB
This course for those beginning the study of Hebrew is designed to bring students from their first acquaintance with the Hebrew alphabet to an understanding of the Hebrew language. The course is regarded as a sound preparation for more advanced study of Hebrew, whether Classical or Modern. However, in itself it allows the beginner to read Hebrew texts.

Hebrew IA
This course presumes a basic knowledge of classical Hebrew and is designed both to extend that knowledge and to explore the range of interests of Hebrew language, literature and thought as a preparation for more specialised reading in the classical, medieval or modern periods. Students can supplement the core course with options in modern or classical Hebrew.

Hebrew IIB (Pass)
There are two second year courses in Hebrew IIB: one course is centred on classical Hebrew, the other on modern Hebrew. Students may take either *or* both courses and count them as units towards the BA degree.

This course is designed to be a transition between the general study of Hebrew begun in Hebrew IB and specialisation in a more clearly defined field on an intensive basis in Hebrew III. Students wishing to read Modern Hebrew IIB concurrently should consult the head of department as to what special arrangements may be necessary.

Hebrew IIA (Pass)
There are two second year courses in Hebrew IIA. One course is centred on Modern Hebrew, the other on Classical Hebrew. Students may take either *or* both courses and count them as units towards their degree.

Classical-centred course
This course is designed to allow the student to sample in depth one era in Hebrew literary history. Nevertheless the arrangement of the options allows for an acquaintance with the Hebrew of the whole post-Biblical period.

Modern-centred course
The course falls into two parts, a language segment and a literature segment. The literature segment is a preliminary survey of modern Hebrew literature of the 19th–20th centuries.

The language segment concentrates on speech and creative writing.

Honours
The honours course is common for students in courses IIB or IIA. It is not yet available to students reading the IIA modern-centred course, but it is envisaged that in future years an honours course in Modern Hebrew will be available. It consists of a second Semitic language and two additional hours from the options available to IIA students.

Second Language
Students must read one of the languages (i) Aramaic and Syriac; (ii) Arabic; (iii) Akkadian.

Hebrew III
There are two third year courses in Hebrew III. One course is centred on Classical or Medieval Hebrew, the other on Modern Hebrew. Students may take either or both courses and count them as units towards their degree.

1. EITHER
Classical Hebrew
The classical Hebrew course is designed to allow the student to develop skills in the new tools brought to the study of the Bible as a result of recent discoveries in the Near East, and to apply these skills to the study of the Biblical text.
OR
Medieval and Renaissance Hebrew
The medieval Hebrew course is designed to sample in depth the literature which reflects the major interests of medieval and renaissance Jewish writers. It introduces students to the reading of Hebrew MSS.

2. **Modern Hebrew**
The Modern Hebrew course continues the instruction in speech and creative writing begun in course IIA. The literature segment focuses on the period 1930–70 in Israeli writing.

Hebrew III Honours
The honours course has two strands. These are the continued study of the second language begun in the second year and an extension of the special area chosen for study by additional detailed work.

Hebrew IV (Honours)
It is assumed that students reading the final honours year in Hebrew intend to seek a career in some aspect of Semitic Studies. The course is therefore designed to help students develop their particular area of interest with postgraduate work in mind. The course is in three parts, (a) a compulsory study of the second language begun in second year or Septuagintal Studies, (b) a thesis and (c) a number of options. The options are designed to follow on from options taken in previous years and presuppose substantial preliminary knowledge.

ARABIC
Arabic I
Students whose native tongue is Arabic or who have prior qualifications in Arabic should consult the department to determine their suitability for enrolment in Arabic IA or IB.

Arabic IA
Selected Arabic texts.

Arabic IB
Arabic IB assumes no previous knowledge of Arabic.
The normal course consists of four hours of language instruction and one hour of background study per week.

Arabic IIA (Pass)
Selected Arabic texts.

Arabic IIB (Pass)
Arabic IIB (for students from Arabic IB) consists of four hours per week set texts and one hour language laboratory.

Arabic II (Honours)
An additional two hours per week of intensive translation into and from Arabic.

Arabic III (Pass)
Students from both A and B courses enter a common third year.
This course consists of four hours compulsory lectures and one hour of Language Laboratory per week.

Arabic III (Honours)
An additional two hours per week of texts; these will be selected with a view to forming a nucleus for the more general options to be chosen in fourth year.
In and after 1981 Islamic Studies I will be a prerequisite for Arabic III (Honours).

Arabic IV Honours
Translation into and from Arabic; colloquial Arabic; set text; special subject (consult the department for a list).

ISLAMIC STUDIES
Islamic Studies I
This course is intended to complement existing courses in Arabic given in this department; and is also open to students taking other courses to which Islamic Studies can be related in one way or another. The focus of the course is on the development of Islamic society, institutions and thought—especially during the first five centuries of the Islamic era.
There are no linguistic requirements for this course.
Pre-Islamic Arabia; the rise of Islam: the Prophet Muhammad. The Qur'ān; the development of the early Islamic community; the Shari'a and the evolution of Islamic jurisprudence; Islamic political thought; Islamic learning and intellectual life; Islam in the medieval world; diversity within the Islamic tradition; Sūfism; special themes in the study of Islam: social aspects and later trends.

Islamic Studies II
Major themes in the study of the Islamic World are treated in depth with special emphasis on social, cultural and intellectual aspects.
(a) Islam in the world: relations with Byzantium, western and central Europe; the Arabs in Spain; the significance of Islamic north Africa; the impact of the Crusades and later European expansion on Islamic societies in Asia and Africa; the Islamic World in the 15th and 16th centuries.
(b) Islamic Cities: the economic, social, cultural and intellectual role of urban centres, especially in Syria, Egypt, Iraq, Iran, north Africa and Islamic Spain.
(c) Islamic Political Thought: the historical background of modern Islamic movements.

BIBLICAL STUDIES
Students are advised to obtain from the secretary of the Department of Semitic Studies a reading list and a full list of the set topics for lectures.

Biblical Studies I
The Biblical World in the second and first millennia B.C.—contemporary nations, languages and peoples of the Old Testament. The Hebrew Kingdoms and

their disruption. Key movements amongst the Hebrews.

Biblical Studies II

The literary and cultic achievements of the exile, the diaspora and the nations, the rise of Jewish sects, later literary achievements and thought, development after the return, influence of Hellenism, translation of ideas from Hebrew, growth of concept of normative scripture.

SOCIAL THEORY

For details see under Board of Studies in Social Work.

Faculty of Dentistry

FIRST YEAR

Physics

Physics I (Life Sciences)

Two-term course to suit students who will subsequently study Physiology. Topics include forces and energy, thermal physics, optics, ionising radiation, electricity, and properties of matter.

Chemistry

Chemistry I (Life Sciences)

Two-term course to suit the needs of the student who requires a good general grounding in chemistry, and who will subsequently undertake a study of such subjects as Biochemistry and Physiology. It covers chemical theory, inorganic, physical, and organic chemistry with many examples from biological areas. The course will presuppose a satisfactory prior knowledge of the Chemistry component of the Science multistrand HSC course.

Sixty-nine lectures given during terms 1.1 and 1.2 comprising 42 in Inorganic and Physical Chemistry and 27 in Organic Chemistry, with many illustrations from biological areas.

Practical work: 17 three-hour sessions during terms 1.1 and 1.2.

Theory examinations are held at the end of both terms. Students are advised at the beginning of the year about other factors contributing to assessment.

Biology

Biology I—Human, Social and Environmental Biology

Course provides a background in biology stressing the application of biological principles in everyday life. Areas of study include energy relationships, human anatomy and physiology, genetics and microbiology.

Students who have not studied Biology at the HSC or Matriculation Examination should read the following book before lectures begin:

Multistrand Senior Science for High School Students—Biology Section pp. 3–437 (Science Foundation for Physics, University of Sydney)

Dental Science I

This course introduces the student to oral health and the prevention and treatment of oral diseases and conditions, community dental needs and provision of services, and behavioural science related to dentistry.

In the dental health strand, oral health, oral diseases and conditions and their prevention are considered in relation to the biological sciences and to the provision of personal and community services. Lectures and tutorials on tooth morphology are included.

The behavioural science strand introduces socio-psychological concepts relating to communication, health and disease, learning, motivation, emotion, personality and group dynamics. Content material is closely related to aspects of dentistry and the prevention of oral disease.

SECOND YEAR

Under the new curriculum second year starts at the beginning of Michaelmas term and is of three terms' duration.

All courses are held on campus.

Anatomy

Lectures in Introductory Anatomy and Dental Anatomy are held in the first year. In the second year, particular emphasis is placed on the head and neck and skull bones, and brain, thorax and abdomen are also studied. Second year Dental Anatomy includes aspects of occlusion and dental anthropology.

Lectures, dissections and tutorials are conducted in all three terms.

Students need to provide themselves with a purchased skull and to acquire for themselves a specimen of permanent and deciduous dentitions.

Biochemistry

There are 18 lectures in the first term, 26 in the second and 18 in the third. A sound basic course in general mammalian biochemistry with relevant microbial aspects is provided. Emphasis is placed on dental aspects of biochemistry which are relevant to other courses given in the Faculty.

Histology, and Dental Histology and Embryology

The Histology course begins in Term 2.1 when general aspects of the morphology of cells and tissues are considered in a course consisting of one lecture and one 2-hour practical period per week. In this term there is also a course of 6 lectures on introductory embryology.

During Term 2.2 the groundwork laid in first year is extended to include the morphology of organ systems in a course consisting of two lectures and two 2-hour practical periods per week.

Dental Histology and Embryology is considered in Term 2.3 in a course consisting of two lectures and one 3-hour practical session per week.

Physiology

Two lectures per week and about 60 hours practical classes and tutorials given over three terms commencing in Term 2.1. The course provides a general account of physiology and covers most systems of the body. There are a few special lectures on selected topics particularly related to dentistry.

Dental Science II

There are four sections in this course: Dental Health, Materials Science, Occlusion and Introductory Dental Technology.

Materials Science

Students survey testing methods and general properties of basic materials, namely metals and alloys, ceramics and polymers which, in special forms, are used in dental technology.

Dental Health

Students have follow-up and reinforcement of dental health concepts and principles from Dental Science I, and will demonstrate knowledge and skills required to maintain personal dental health.

Occlusion

Students apply knowledge of dental anatomy, and practise simple procedures for restoring deficiencies of occlusal contact of articulated plaster dental facsimile using dental hand instruments and dental waxes.

Introductory Dental Technology

Having mastered the simple manipulative procedures of the practical occlusion course, students proceed to learn basic theory and skills of dental technology in preparation for later clinical courses in Operative Dentistry, Prosthetic Dentistry, Pedodontics and Orthodontics.

THIRD YEAR

Bacteriology

The lectures and practical classes extend over two terms and provide a basic understanding of infectious diseases. Topics of importance in dental practice are given emphasis and the course concludes with a specific section on dental caries.

Pathology

Classes are held in terms 3.2 and 3.3. The course includes lectures, practical laboratory work and tutorials in general pathology, special pathology and haematology.

Operative Dentistry

The course in Operative Dentistry commences during the Third Year and continues throughout the course.

Operative Dentistry is concerned with the restoration of lost tooth structure and the maintenance of the health of the teeth and supporting tissues and the occlusion. A course of technique exercises on prepared material out of the mouth is completed before transferring to the Operative Dentistry clinic where work on patients is undertaken. For these exercises and the later sections of practical Operative Dentistry, students must provide themselves with the prescribed instruments and instrument cabinet.

The course in Operative Dentistry includes lectures and practical exercises in the speciality section, Endodontics.

Prosthetic Dentistry I

A three-term course in preparation for clinical prosthodontics covering: properties and manipulation of dental materials relevant to partial and complete denture construction; anatomy and physiology relevant to partial and complete denture construction; principles of denture design; practical techniques and construction of a variety of partial and complete dentures.

Students attend clinical demonstrations in Term 3.2 and commence clinical Prosthetic Dentistry involving the provision of complete dentures for fully endentulous patients.

Preventive Dentistry

This course emphasises the relationship of dental health to prevention, and its dependence on the basic clinical and social sciences. Topics covered include:

Concepts of Prevention

Development of the teeth and including mechanism, aetiology and chronology, histology, physi-

ology and biochemistry of hypoplasia and hypomineralisation

The chemical and physical properties of the teeth and the biology and pathology of the support structures.

Dental caries, plaque, saliva, oral hygiene and diet and nutrition.

Dental fluorosis: The fluoride-dental caries relationship, the application of fluorides in dental caries prevention.

Oral Biology

This discipline is concerned with the application of the biological sciences to dentistry. The course deals with those aspects relevant to an understanding of the aetiology of dental caries and periodontal diseases, particularly bacteriology and immunology, and the development of rational means of disease control.

Oral Diagnosis and Radiology

This introductory course will enable the student to carry out systematic analyses of oral health care problems leading to their solution.

The student will be able to:

1. Detail the systems component of clinical problem solving and decision making processes for dealing with problems of oral health care.
2. Employ productive routines for patient interviewing and counselling.
3. Evaluate small film radiographs.
4. Design and implement clinical evaluation methods appropriate to a variety of clinical case models.
5. Report on the finding of clinical evaluation and on decisions deriving from these findings for a variety of clinical case models.

The course also covers the basic theoretical aspects of radiology; types of apparatus; the techniques of taking intra-oral and extra-oral roentgenograms and special methods of radiographic examination. Emphasis is placed upon radiographic anatomy, the interpretation of roentgenograms and their use as an aid in diagnosis. Safety precautions in the use of X-radiation are stressed. Some practical experience is gained throughout the year and is used as a basis for further practical experience gained in Fourth and Fifth Years.

Examinations are taken separately in Oral Diagnosis and Radiology.

Occlusion

A two term course is given during Terms 3.1 and 3.2, with one lecture and a 3-hour practical session per week. The course includes analysis of natural occlusions and comparisons with therapeutic occlusal form; comparative requirements of complete dentures with natural occlusions; theory and design of occlusal splints; and the physiology of jaw movements.

FOURTH YEAR

Operative Dentistry

The courses in operative dentistry, endodontics, crown and bridgework, and ceramics, taught within the department form the basis for additional study of these subjects within the course Clinical Dentistry in Fifth Year.

Operative Dentistry

In Fourth Year the course is a continuation of the Third Year course with additional practical experience being gained by working on patients in the clinic. The emphasis in this year is on the improvement of basic clinical skills and an extension to the more complex restorative procedures of Operative Dentistry.

Crown and Bridgework, and Ceramics

This is a specialised section of advanced operative dentistry requiring additional technical facility, which is acquired by technique exercises followed by clinical practice. The aim is to provide a basis for postgraduate work.

Lectures and practical instruction are given during the final years and cover the following sections:

(i) Root and crown preparations.

(ii) Restoration of coronal defects, using various restorative methods and materials.

(iii) Restoration of unilateral short span spaces with fixed prostheses.

(iv) Methods of producing a restored occlusion in the complete dentition and partially edentulous dentition.

In ceramics the course of lectures covers the properties and manipulation of dental porcelains and the construction of porcelain and porcelain bonded to metal restorations.

Laboratory and clinical instruction in the uses of ceramic materials is given.

Endodontics

This specialty section of Operative Dentistry is taught by lectures, seminars and practical work directed at more complex aspects of endodontics in preclinical exercises and the treatment of patients.

In the course on Endodontics aspects of anatomy, histology and pathology, and application of these basic sciences to aetiology, prevention, diagnosis and treatment of diseases and injuries to the teeth, the dental pulp and periradicular tissues, are dealt with.

Prosthetic Dentistry II

A course of thirty lectures and practical classes includes study of the following topics: Mucostatic and mucocompressive theories; jaw relationship records, graphic and dynamic methods, gothic arch tracings; vertical dimension; aesthetic considerations of tooth arrangement; rebase and reline procedures for complete dentures; immediate dentures; diagnosis, treatment planning and design of partial dentures especially cobalt chromium.

Students also attend clinical demonstrations and clinical training sessions.

Occlusion

A clinical course on occlusion is integrated into the programme as a continuation of the pre-clinical occlusion course commenced in Third Year. A coordinated series of lectures and clinical sessions emphasising the pathophysiology of the stomatognathic system and relating the following:

— Clinical techniques of recording and verifying transfer records.

— Clinical occlusal analysis including clinical assessment of T.M. joints, and jaw and cervical muscles.

— Use of occlusal splints in diagnosis and management of oro-facial pain and dysfunction.

— The clinical application of occlusal adjustment procedures.

Preventive Dentistry

Clinical application of preventive principles; understanding of the various levels of prevention; biological, public health, behavioural and sociological as-

pects of associated techniques; primary prevention using fluorides; analysis of growth and development, nutrition and genetics; early diagnosis of oral diseases and abnormalities; biological basis of clinical dentistry; health education with special reference to health attitudes and their formation; and the implementation of preventive procedures and practices.

Oral Surgery

Exodontics

In Term 4.1 an introductory course in the practice of exodontia and minor oral surgery is presented. The course, of about two weeks, consists of lectures, tutorials, practical demonstrations, clinical practice and seminars.

Regular clinical sessions in exodontia continue throughout the remainder of the Fourth and Fifth Years.

Introductory Oral Surgery

Preparatory to oral surgical clinical work an introduction course is presented. Demonstrations are given in clinical procedures and the use of instruments and fundamental oral surgical techniques are demonstrated.

In the later terms of Fourth Year practical work is carried out in the Oral Surgery Clinic where students gain experience in minor oral surgical procedures. Students extend their experience in local anaesthesia and are taught how to work in conjunction with specialist anaesthetists where general anaesthesia is required.

Oral diagnosis and oral medicine clinics are conducted regularly.

Radiology

Clinical experience is gained by students in radiology throughout the year.

Surgery

A course of lectures extending over two terms devoted mainly to the general principles of surgery. The following topics are covered: general hospital organisation and procedures; patient evaluation; principles of inflammation, haemorrhage, shock, electrolyte balance, management of wounds and burns, plastic surgery; head injuries; common general surgical conditions; surgical emergencies; tumour treatment.

Particular emphasis is placed on surgery of the head and neck, including: surgical anatomy; diseases of the oral cavity, salivary glands, thyroid gland, head and neck; tracheostomy; cleft lip and cleft palate.

Oral Medicine and Oral Surgery

The formal lecture course begins in Term 4.1 (Lent) and continues until the end of Term 4.3 (Michaelmas). Theoretical aspects of clinical Oral Surgery are dealt with including: asepsis and antisepsis, clinic procedures; history taking, examination, laboratory aids, biopsy, assessment of the patient and treatment planning; surgical techniques, complications including haemorrhage and infection, post-operative care of the oral surgery patient; impacted teeth, cysts, tumours, mucosal lesions, surgical endodontics; oral manifestations of systemic diseases.

Pharmacology and Therapeutics

The course consists of a series of lectures given by the Departments of Pharmacy, Pharmacology and Oral Surgery beginning in 3.4.

Topics discussed include: principles of drug action, routes of administration, absorption, distribution, metabolism and excretion of drugs. Prescription writing and dosage of drugs. Drugs which interact with the autonomic nervous system and innervated tissues. Autacoids and their antagonists. Local and general anaesthetics, analgesics, anti-inflammatory drugs, sedatives, hypnotics, neuroleptics, antidepressants, anticonvulsants and drugs used in Parkinson's disease. Respiratory drugs. Cardiac glycosides, antiarrhythmics, antihypertensives, diuretics and drugs used for angina pectoris. Coagulant, anticoagulant and haemopoietic drugs. Hypoglycaemic and antithyroid drugs. Chemotherapy. Drug interactions.

The course aims at providing an understanding of drug action in general and a detailed understanding of drugs used in the practice of dentistry.

Anaesthesia (Local and General)

An introductory course (one week) in local anaesthesia consisting of lectures, tutorials and clinical practice is presented early in Term 3.4 (Michaelmas term). Students subsequently gain clinical experience in local anaesthesia in the exodontia and oral surgery clinics.

The principles of general anaesthesia are presented in a series of lectures extending over one term. The following topics are included: history, examination and evaluation of the patient; physiology, pharmacology of general anaesthetics; intravenous sedation and anaesthesia; indications and contra-indications for local anaesthesia and general anaesthesia; associated drugs; complications of general anaesthesia.

Emphasis is placed upon the individual and combined roles of the dental surgeon and the specialist anaesthetist working as a team.

Oral Diagnosis and Radiology

This course is a continuation of the Third Year course involving more elaborate diagnosis and developing the treatment planning phase with the emphasis on integrating the diagnosis and treatment of various clinical areas. Representatives from these specialty areas of dentistry are consulted for each case as needed. There is a series of lectures on Treatment Planning and a series on Differential Diagnosis of Pain.

Each student is required to present a complex case in Diagnosis and Treatment Planning with a patient needing treatment in at least three clinical specialty areas. These presentations are carried out in tutorials.

Practical demonstrations and practical experience is gained in radiographic technique. Tutorials are given to small groups of students on: radiation, health risks, precautions, dosage, the X-ray machine, X-ray films, anatomical landmarks, dark room procedures, infra- and extra-oral techniques and the interpretation of radiographs. Each student is required to have taken at least 80 satisfactory small film radiographs.

Periodontics

A course of lectures in Periodontics in fourth and fifth years covers the following: Introduction, history and epidemiology; periodontal anatomy and physiology; occlusion; classification of periodontal disease; clinical features; aetiology; X-ray signs; pathology and treatment of the following periodontal disturbances: chronic marginal gingivitis, acute gingival disease, periodontitis, gingivosis, periodontosis, periodontal traumatism, occlusal trauma.

The student is shown that periodontics is central to all clinical dentistry. The intimate relationship of periodontics to restorative dentistry is stressed showing that biological demands of restorative dentistry require a knowledge of periodontics. The student is shown that he is treating patients with periodontal

disease as one aspect of their total dental needs and that all the dental needs are part of their total social environment.

Seven terms of instruction in clinical periodontics are given consisting of demonstrations and practical clinics in oral hygiene, preventive measures, diagnosis and treatment planning, conservative and surgical management of chronic periodontal disease, and occlusal equilibration.

Pedodontics

A course of lectures extends over six terms and covers the following: anatomy of the deciduous teeth, child management, operative technique and restorative materials, treatment of the exposed pulp in deciduous and young permanent teeth, interceptive orthodontics, premedication, relative analgesia and local anaesthesia for children, diagnosis and treatment planning, treatment of fractured anteriors in children, and the practical application of preventive measures such as oral hygiene instruction, fluoride therapy, dietary analysis and dietary control of rampant caries.

Clinical practice extends throughout fourth and fifth years.

Demonstrations of various pedodontic techniques are given.

Orthodontics

The course commences in fourth year with descriptive analysis of malocclusion and jaw abnormality. The forces of continuing growth and development, and oral activities which govern the position of teeth and jaw relationships are studied. This becomes prerequisite for recognition, analysis and solution of problems of dental occlusion.

Students will participate in demonstrations and carry out technical exercises applied in orthodontics.

FIFTH YEAR

The Fifth Year courses will be taught at the United Dental Hospital and Parramatta Hospitals/Westmead Centre Clinical School.

Clinical Dentistry

The course Clinical Dentistry is designed to give experience in the practice of general dentistry and in a range of procedures consonant with those carried out by the general practitioner in dentistry.

The basis of this course is the provision of comprehensive dental care for the patients treated by the students and to integrate as far as possible all aspects of the patients' needs for general and specialised treatment.

Continuing experience in the advanced aspects of clinical subjects covered in the earlier years of the course will also be provided.

Community and Preventive Dentistry

(including Dental Public Health, Ethics and professional responsibility)

This course should develop in the student an awareness and understanding of the implications of the practice of dentistry on society and of the influence of society on the practice of dentistry. The student should be prepared to provide comprehensive patient care to all population groups and to all groups in the community, including the disadvantaged and those with special needs. The following areas will be included:

- Prevalence of oral diseases and conditions
- Community attitudes to dentistry and dental health behaviour
- Systems for provision of dental services
- Dental resources, types of dental providers and their effective use
- Community prevention and treatment programmes
- Planning and financing dental services and the economics of dental health care
- Ethics
- Jurisprudence and professional responsibility
- Dental health education
- Understanding and management of human behaviour
- Assessment of community dental needs
- Practice management
- Dental assistant utilisation
- Delivery of dental care to the handicapped, hospital, school clinic, community health centre, baby health centre, preschool, nursing home and to geriatric patients, and domiciliary and institutional dental care

Elective

An elective course embodying further study in one of the courses listed under Resolutions of the Senate numbers 3, 4, 5, or 6 in Chapter XV of the by-laws may be undertaken.

Board of Studies in Divinity

FIRST YEAR

NEW BY-LAWS AND RESOLUTIONS OF THE SENATE

Old Testament Studies

(1) History and Religion of the Old Testament in the Pre-exilic Period
(2) Tools of Old Testament Studies

Greek IB (Koine)

(1) Greek grammar
(2) N.T. texts
(3) Historical, religious and cultural background

History and Thought of Christianity I

(1) A study of theological developments, both Roman Catholic and Protestant, in the 19th and 20th centuries.
(2) Developments in the history of religion in the same period.
(3) A philosophical component, concerned with the relation of theology to secular thinking.

History and Phenomenology of Religion

An introduction to the History of Religion.

SECOND YEAR

Old and New Testament II

(1) Redaction Theology of the Old Testament
(2) Old Testament texts or Post-exilic Thought
(3) Introduction to New Testament Studies
(4) New Testament texts

History and Thought of Christianity II

(1) Philosophy—Christian theism, Anselm to Kant
(2) History—the Early Church
(3) Theology—the person and work of Jesus Christ

Electives

Three electives, at least one in each half-year, from a list to be made available by the Board. One elective must be taken in the History and Phenomenology of Religion.

THIRD YEAR

Old and New Testament III

(1) Theology of the Old Testament
(2) Old Testament and Intertestamental Texts
(3) Theology of the New Testament
(4) Exegesis of New Testament Texts

History and Thought of Christianity III

(1) Philosophy — The functions of philosophical concepts in doctrine
(2) History — Religious reform movements in 16th century Europe
(3) Theology — The Christian doctrines of God and grace

Electives

Two electives, one in each half-year, from a list to be made available by the Board.

FOURTH YEAR (BD Honours)

Old and New Testament IV

The fourth year honours course will normally be in *either* Old Testament *or* New Testament.

Old Testament

(1) Coursework
  (a) Exegesis of the Hebrew text of a major prophet or book of the Pentateuch not previously studied;
  (b) Advanced study in one of the following fields:
    — An aspect of OT theory
    — Intertestamental literature
    — Prehistory of the Old Testament
  (c) Detailed study in Hebrew or Aramaic of texts relevant to the topic of the thesis; preparatory work for the thesis.
(2) Thesis

A thesis of about 15 000 words. Honours in OT may be undertaken only by those who have completed the Hebrew stream in OT I-III.

New Testament

(1) Coursework
  (a) Exegesis of a gospel and epistle not previously studied
  (b) Papers and essays
(2) A thesis of about 15 000 words on an approved subject.

A student wishing to take combined Honours in OT and NT or with some elements from History and Thought of Christianity should consult the chairman of the section.

History and Thought of Christianity IV

Prescriptions for honours in this section will be made available on request.

Faculty of Economics

ACCOUNTING

Accounting I
JUNIOR NORMAL

Introduction to the financial recording system and the principles of financial management. Explains techniques of generating and using accounting information for sole traders, partnerships and companies. Examines the assumptions underlying conventional accounting practice and official pronouncements of the accounting profession.

Designed as an introduction to the three-year sequence in accounting. Students are not assumed to have previously engaged in any formal study of accounting. A pass in this course is conditional upon the attainment of proficiency in recording procedures.

Accounting II
INTERMEDIATE NORMAL

Attention is given to anticipatory calculation and financial decisions and the criteria of choice. The contemporary observation of emergent results through cost accounting, and the subsequent analysis and appraisal of performance are studied, alternative systems of cost calculation and analysis being examined. Problems of projection, and intertemporal comparison and appraisal, arising from the variability of prices, are considered. Attention is given to the behavioural implications and context of business organisations. There is a series of lectures on electronic data processing and the use of computers in business applications.

Accounting III
SENIOR NORMAL

A number of advanced accounting problems is considered, including accounting aspects of amalgamations, reconstructions and liquidations and accounting for groups of companies. The relationship of accounting to the decisions of investors and financiers is considered. Study is made of financial statement analysis and of accounting aspects of current legislation and current accounting standards devised for the maintenance of informed securities markets.

A comparative study is made of the major types of accounting systems in use or proposed, with special reference to accounting for price and price level changes.

The function of auditing and the development of auditing ideas and practices are analysed along with their application to computerised systems.

Accounting III Advanced
SENIOR ADVANCED

Candidates for the degree with honours in the School of Accounting will commence honours work in the third year. The work of the third year will include advanced study of subjects dealt with in the normal courses of the second and third year and an introduction to theory construction, with particular reference to the theory of continuously contemporary accounting. Work will be commenced on the final year thesis.

Final Honours Year

In the final honours year candidates will attend such lectures and seminars as may be prescribed. These will relate to the development of accounting theory and practice, to the relationships of accounting to other disciplines and to contemporary problems in theory and practice. Candidates will also complete their honours thesis.

Law I
JUNIOR NORMAL

Available as either a terminating course or as an introduction to more specialised studies in economic and social law.

Part I: Introduction to the Legal System and to Constitutional Law

What is law; history of law in N.S.W.; sources of law—precedent and legislation; the legal process and the lawyers, legal aid, etc. Introduction to constitutional law—the federal and state balance. Introduction to the law of tort and workers' compensation.

Part II: Law of Contract and Consumer Protection

Contracts—creation; form and contents; discharge; remedies for breach; position of third parties, consumer protection—growth; aims; statutory effect on common law contracts; regulatory legislation; specific areas of protection; consumer credit; consumer remedies and procedures.

Law IIA
INTERMEDIATE NORMAL

Part I: Commercial Law

Elements of the law of associations, property law, negotiable instruments, partnership law, succession and trusts, bankruptcy law and trade practices law.

Part II: Company Law

The company as a legal entity; the memorandum of association. Powers of the company; Articles of Association and contracts with the company; pre-incorporation contracts and promoters; prospectus; capital and dividends, accounts and audit; relations of company with outsiders; meetings and proxy contests; control and management of the company; duties of directors and officers; protecting interests of minority against unfair action of majority; trading in shares, etc.; takeovers, reconstructions and amalgamations; companies in difficulty.

Law IIB

Part I: Commercial Law

Elements of the law of associations, property law, negotiable instruments, partnership law, succession and trusts, bankruptcy law and trade practices law.

Part II: Trade Union and Employer Association Law

The status of trade unions; union rules limiting union activities; the legal nature of the union rules; financial rights and obligations of members; accounts and

audit; managing the union; content and enforcement of the rules; amalgamations; deregistration, receivership, liquidation, dissolution.

Taxation Law
SENIOR NORMAL
Australian tax system; concepts of residence, and source of income; meaning of income; allowable deductions; taxation of different tax entities; taxation of special industries; amendment of assessments; objections and appeals; taxation of non-residents; International Tax Treaties; tax avoidance; principles of sales tax, land tax and pay-roll tax.

AGRICULTURAL ECONOMICS
Rural Economics I
INTERMEDIATE NORMAL
This course is designed to demonstrate the application of economic theory to the analysis of agricultural problems. It consists of two intermediate short courses, Agricultural Policy and Agricultural Production Economics, either of which may be taken as a separate short course if desired.

Rural Economics II
SENIOR NORMAL
This course, the second in the sequence, is concerned with several further fields of agricultural economics. It consists of two intermediate short courses, Agricultural Markets and Prices and Resource Economics, either of which may be taken as a separate short course if desired.

Agricultural Policy
INTERMEDIATE SHORT
This course is concerned primarily with the place of agriculture in the Australian economy and more specifically with issues in agricultural policy. Topics covered include:

An examination of the process of policy formation in agriculture, together with an assessment of the role played by particular institutions. An appraisal of the ends and means of current Australian agricultural policy. Domestic and international aspects of agricultural price policies. An examination of forms of governmental intervention in other fields such as agricultural credit and marketing. Land policy. The effects of some of the broader aspects of national economic policy upon the agricultural sector. Intentional aspects of agricultural policy.

Agricultural Production Economics
INTERMEDIATE SHORT
This course is devoted to a discussion of topics in agricultural production economics and farm management. Topics covered include:

Definition and interrelationships of the field. Factor-product relationships in agriculture. Factor substitution. Principles of enterprise combination. Production costs in agriculture. Economies of scale in farming. Advanced budgeting and gross margins analysis. Sources of management information. Linear programming as applied to whole farm planning. Financial management. Decision making under conditions of risk.

Agricultural Markets and Prices
INTERMEDIATE SHORT
This course is offered in the first half of the academic year. The following topics are covered:

The field of agricultural marketing. The pricing function of markets. The study of supply and demand in relation to agricultural products. The derived demand for input factors. Types of market organisation: the 'free' market, various types of competition and integration. Methods of combating imperfections in the free market. Administered pricing. Marketing boards. Transport. Advertising. Standardisation and grading. Storage and risk-bearing.

Resource Economics
INTERMEDIATE SHORT
Three fields are covered in this course, approximately equal time being devoted to each. The course is offered in the second half of the academic year. The principal topics are as follows:

(a) *Resource Economics.* The conservation and use of natural resources. Cost-benefit analysis. Alternative criteria for public investment decisions. Risk and cost-benefit analysis. Interest and discount rates. Secondary benefits. Some case studies.

(b) *The Role of Agriculture in Economic Development.* Characteristics of agriculture in developing countries. Connections between natural resources and economic growth. The application of economic theory to agriculture in developing countries. Methods of increasing agricultural productivity. Land tenure and land reform. Land settlement. Education. Agricultural research. Labour productivity. Credit and capital. Transport. The importance of markets and demand. Government policy and agricultural development. Problems arising from agricultural development.

(c) *Agricultural Finance.* Financial management of agricultural firms. Cash, credit, debt, and taxation management. Sources of credit. Evaluation of investment and firm growth alternatives. Acquisition and inter-generational transfer of assets.

ANTHROPOLOGY
For details see under Faculty of Arts.

COMPUTER SCIENCE
For details see under Faculty of Science.

ECONOMETRICS
Economic Statistics
JUNIOR NORMAL
The aim of this course is to familiarise students with methods for collecting, describing, analysing and interpreting economic and social data.

A thorough grounding is given in the many methods available for the handling and interpretation of numerical information including the use of computers. The course therefore provides a suitable training, not only for students wishing to take further courses in statistics, econometrics and operations research, but also for students interested in specialising in other disciplines.

(a) Collection and description of data and private surveys—the presentation of data, measures of location, dispersion and concentration, covariance and other descriptive measures.

(b) Computing—basic programming language, storing and manipulating data, statistical computation and analysis.

(c) Statistical inference—measurements and observations treated as random variables, probability distributions, sampling distributions, estimation of parameters and hypothesis testing.

(d) Applications—simple and multiple regression, elementary time series analysis, forecasting, index numbers, design and analysis of surveys, decision theory, demography.

Students will be required to attend a two-hour workshop each week.

Econometrics II

INTERMEDIATE NORMAL

This course builds upon the foundations laid in Economic Statistics, and develops the theory and application of mathematical and statistical techniques to economic data. It is designed in one-term modules. Students must take modules 201 and 202 and *either* 203 *or* 204. Both options 203 and 204 will not necessarily be offered in any one year.

201 *Quantitative Management*

An introduction to methods used in quantitative management. A brief description of linear algebra is followed by a detailed study of linear programming. Non-linear programming, both with and without constraints, is taken up next. The term closes with a discussion of a range of applications in economics and operations research. Further work in this area can be done by taking Operations Research in third year.

202 *Econometric Theory*

This term is concerned with regression theory and its application to problems in economics. After the classical multiple regression model the lectures will cover those extensions that are particularly relevant in the economic sphere, such as the treatment of autocorrelation, lagged relationships, qualitative variables, multicollinearity and heteroskedasticity. Practice will be given in the application of various methods to realistic problems.

203 *Forecasting*

The primary concern is the problem of producing forecasts in an economic environment. Two basic approaches are considered: the econometrics approach and the time series approach. Topics will include: data acquisition, forecasting with simple and multiple regression, Box-Jenkins forecasts, other forecasting methods, and choosing a forecasting method.

204 *Applied Econometrics*

How regression models can be applied to economic data to estimate relationships and test hypotheses that arise in economics. The theoretical and data aspects of various empirical research papers will be discussed, and students will be required to undertake related empirical work. Topics may include consumption, investment, production and cost, consumer demand, labour supply, money demand, import functions, and so on.

Econometric Methods

INTERMEDIATE NORMAL

Consists of two short courses—

Introductory Economic Statistics
Elementary Econometrics

Introductory Economic Statistics

INTERMEDIATE SHORT

This course consists of the first two terms of Economic Statistics

Elementary Econometrics

INTERMEDIATE SHORT

Lectures in this course will not be offered in 1984. Students wishing to do this course and who commenced studies for the BEc degree in 1980 or earlier should consult the head of department.

Elementary Operations Research

INTERMEDIATE SHORT

Lectures in this course will not be offered in 1984. Students wishing to do this course and who commenced studies for the BEc degree in 1980 or earlier should consult the head of department.

Econometrics III

SENIOR NORMAL

This course consists of three one-term modules. Students must take modules 301 and 302 and one other module to be chosen from the list below (303–305). Forecasting (203) is a prerequisite for Time Series Analysis (303). All modules will not necessarily be offered in any one year.

301 *Statistical Inference*

The basic theory of statistical inference. Topics include distributions, principles of estimation and hypothesis testing in statistics and econometrics (for example, maximum likelihood estimation, Bayesian versus classical methods, nested and non-nested hypothesis and asymptotic properties).

302 *Econometric Theory*

The theory of simultaneous equation and multivariate regression models, including questions of identification, structural versus reduced form, single and simultaneous equation estimation, small and large sample properties, testing procedures, simulation and forecasting, dynamic models, and policy evaluation. Practice will be given in the application of various methods to economic problems.

303 *Time Series Analysis*

Forecasting (203) is a prerequisite for this module.

The topics covered are (a) bivariate time series models (identification, estimation, diagnostic checking, forecasting; discrete control); (b) spectral analysis (an introduction, the estimation and interpretation of the spectrum, relationship between time-domain and frequency domain analysis); (c) a major computer-based project using both the above techniques.

304 *Applied Econometrics*

Application of simultaneous and multivariate equation models to various aspects of economics. Research papers involving empirical research will be examined and students will be required to undertake related empirical work. Topics may include systems of consumer demand functions, systems of factor demand and output supply functions, macroeconomic models, empirical general equilibrium models, and Monte Carlo experiments.

305 *Sample Surveys*

The twin problems of cost and efficiency in sampling lead to the development of different methods of sampling (stratified, cluster, multi-stage, replicated samples, probability proportional to size), and to different estimators (e.g. ratio). Non-response in a survey may lead to biased estimation, and procedures must be developed to overcome this potential bias. Case studies will be discussed.

Econometrics III Advanced

SENIOR ADVANCED

Students are required to take 6 one-term modules. The compulsory modules are 301 and 302 from Econometrics III and module 311 (Research seminar) below. The remaining three modules are chosen from the list under Econometrics III (303–305) and the following (312, 313). All modules will not necessarily be offered in any one year. Suitable modules offered by other departments may also be approved by the head of department.

311 *Research Seminar*

The seminar provides a focus for the discussion of research methods and papers in the general areas covered by Econometrics III Advanced. Students will read a series of articles, prepare and present reports, and participate in seminar discussions. There is no examination.

312 *Applied Probability*

Application of the theory of distributions and statistical inference to various modelling situations and decision making problems in business and economics. Topics may include insurance claims and the Poisson process, renewal models for equipment replacement, stock prices as Markov processes and martingales, and bankruptcy probabilities for stochastic cash flows.

313 *Special topic*

Covers a specialised topic in econometrics or statistics. The topic will vary from year to year. Possible topics include multivariate analysis, Bayesian approach to econometrics and numerical analysis.

Econometrics III Supplementary

This course consists of any two modules available but not taken under Econometrics III and Econometrics II. The available module numbers are 303–305, 203, 204.

Operations Research

SENIOR NORMAL

The course is designed to train operations research practitioners to work within the discipline of Economics. Students are introduced to the consulting projects with which the department has been concerned and these form the 'case studies' material. Although computer programming is not a part of this course, relevant computer packages are used by students at each stage.

The syllabus includes: formulation of optimisation models, integer models and methods, non-linear methods, dynamic programming, simulation modelling, queuing models, inventory models.

Operations Research Advanced

SENIOR ADVANCED

Syllabus as for Operations Research (senior normal) plus additional work in the design and analysis of simulation experiments, numerical analysis and risk, optimisation and forecasting.

Final Honours Year in Econometrics

The aim of the honours year is to provide the student with basic professional expertise in the general area of econometrics. It provides instruction in advanced theory, and experience in independent research.

Honours students are required to: (a) complete 6 one-term modules of instruction; (b) submit a thesis not exceeding 50 A4 pages of type; and (c) attend and participate in departmental research seminars.

The thesis topic must be approved by the department and progress reports are presented every term. Courses are selected from the following list (not all may be offered in any one year): nonlinear models, econometric theory, hypothesis testing, Bayesian methods, time series, sampling, stochastic economics, simulation, optimisation, general equilibrium theory, control theory, non-parametric statistics, special topics and empirical studies. Some courses may be taken in related departments. Students may also undertake their honours year jointly in econometrics and economics.

Final Honours Year in Operations Research

The aim of the honours year is to provide the student with basic professional expertise in the general area of operations research. It provides instruction in advanced theory, and experience in independent research.

Honours students are required to: (a) complete 6 one-term modules of instruction; (b) submit a thesis not exceeding 50 A4 pages of type; and (c) attend and participate in departmental research seminars.

The thesis topic must be approved by the department and progress reports are presented every term. Courses are selected from the following (not all may be offered in any one year): macro-programming models I (theory and application), macro-programming models II (application), optimisation, general equilibrium modelling, systems analysis using operations research, experimental designs, control theory, stochastic control theory I, stochastic control theory II, game theory and stochastic programming.

ECONOMIC HISTORY

Economic History and History

As from 1984 the Department of Economic History will co-operate with the Department of History in a programme making courses in either department available to students registered in the other. For students registered in the Department of Economic History, this programme will enable those with special interests in particular fields of history to take courses offered by History in those fields and that complement other courses taken in the Department of Economic History. Students who have passed History I (Early Modern European History, Late Modern European History, of Modern European Expansion) may apply to enter the course Economic History II without taking Economic History I. Economic History II and III students may apply to take some options in History II and III to be considered as part of, or as the whole of, the courses Economic History II and III. Detailed information on the programme should be obtained from the department. In all cases students wishing to take advantage of this programme must obtain the permission of the heads of department of both Economic History and History.

Economic History I

JUNIOR NORMAL

An introduction to the economic history of modern Europe, the repercussions of economic changes on social, political and cultural life, and the spread of those developments to the non-European world. It begins with an overview of the traditional European economy, then examines the changes that affected Europe in the late eighteenth and early nineteenth

centuries, particularly the industrial revolution. The various paths of economic development followed by different societies in the nineteenth century are charted, as well as the course of imperialism that brought these changes to Africa, Asia and Latin America, and the economic development of Australia and the United States. Various social changes—such as the growth of a new middle class, the emergence of the proletariat and the transformation of the peasantry—also receive attention. The course then focuses on the twentieth century. The Depression and the two world wars, the Russian Revolution, the creation of socialist economies, decolonisation, the period of growth after 1945, the advent of the consumer society, and the current economic crisis, are analysed thematically.

The course is not highly technical in its presentation of economics, and no knowledge of economic theory is presumed.

ECONOMIC HISTORY II AND III

Students in these years have a broad choice of half-year short courses. These are listed under Intermediate Short Courses. Economic History II Normal consists of any two short courses chosen from this list. Economic History III Normal consists of Early Australian Economic History, and Modern Australian Economic History or, if already completed, two other courses from the list of Economic History short courses.

To pass Economic History II or III, students must complete each short course at a satisfactory level, as well as achieve a pass in the course as a whole. To pass a short course, students must complete all assignments and examinations at a satisfactory level as well as achieving a pass overall.

Economic History II

INTERMEDIATE NORMAL

Students in Economic History II must take two short courses from those listed under Intermediate Short Courses.

Economic History II Advanced

INTERMEDIATE ADVANCED

Advanced students are encouraged to take the two short courses in Australian Economic History, Early Australian Economic History and Modern Australian Economic History. They are also required to take a year-long advanced seminar, which will focus on research in Australian economic history. In exceptional cases, with the permission of the head of department, advanced students will be allowed to take other short courses in Economic History in the second year. However, if Early Australian Economic History and Modern Australian Economic History are not taken in the second year they must be taken in the third year. In any case, the advanced research seminar in Australian economic history is obligatory for the second year advanced students. They are also required to write a research essay of 5000 to 8000 words and to sit the pass papers in each course.

Economic History III

SENIOR NORMAL

This course consists of Early Australian Economic History and Modern Australian Economic History or, if already completed, two other courses from those listed under Intermediate Short courses.

Economic History III Additional

SENIOR NORMAL

Students may take Economic History III Additional as an extra course within the department. This course consists of two courses from those listed under Intermediate Short Courses and not otherwise completed.

Economic History III Advanced

SENIOR ADVANCED

For students who have not taken in the second year the two courses Early Australian Economic History and Modern Australian Economic History, these courses will constitute part of Economic History III Advanced. Other students will be required to do, as part of Economic History III Advanced, any two short courses, not otherwise taken, from those listed under Intermediate Short Courses. In addition, all students will be required to participate in a year-long seminar course on 'The History of Economic and Social Ideas' (taught jointly with the Department of History). This will entail the writing of seminar papers. Students will also have to present a research essay of 8000–10 000 words.

Final Honours Year

The final year of study consists of seminar and thesis work. Students work as far as possible under individual supervision. Courses to be attended will be arranged with the head of department, from whom further information may be obtained.

INTERMEDIATE SHORT COURSES

1. Social Aspects of Industrialisation in the United States

[Not available in 1984.]

2. Economic Development of Modern Japan

The main concern of this course is with the economic processes that have transformed Japan over the last century from a feudal state to an industrial super power, and the social consequences of industrialisation. Topics discussed include: pre-Meiji developments, the roles of government and private enterprise, agricultural growth, international economic relations, capital formation, labour supply, structural changes, population increase and urbanisation, militarist influences, economic fluctuations, post-war reforms and explosive growth, changes in labour relations and consumption patterns, the costs of growth, the oil crises.

[Not available in 1984.]

3. Economic Development in Southeast Asia

Introduction to study of Southeast Asia. Patterns of trade pre-AD 1500. Impact of Europeans AD 1500–1800. Main emphasis of the course on period post-AD 1800. Spread of European colonialism and capital investment. Emergence of 'export economies'. Response of indigenous people to economic stimuli. Dualism. The plural society. Standards of welfare. Developments in the post-colonial period up to the mid 1970s. Countries selected for particular studies are Burma, Thailand, Malaysia and Indonesia.

4. Economic Fluctuations

[Not available in 1984.]

5. Economic and Social History of Minority Groups

[Not available in 1984.]

6. Urban History

What is urban history? Approaches to urban history. Origins of cities—evidence and theories. Pre-industrial cities (past and present). The impact of in-

dustrialisation. Urban problem areas and their continuing nature.
[Not available in 1984.]

7. The Historical Development of the Chinese Economy
Introduction to the study of China. The traditional economy before 1840. The period 1840–1949: the roles of western enterprise and indigenous entrepreneurs in early industrialisation. The economic consequences of political and monetary instability—the Taiping rebellion, warlordism in the 1920s and 1930s, Japanese invasion, inflation 1937–49. The establishment of the People's Republic in 1949 and the growth of the socialist economy to the early 1980s. The Chinese economy in the general context of the Third World.

8. American Economic History 1607–1865
This short course will discuss the growth and development of the American economy from the colonial period to the Civil War. This period saw the rise of an export based agricultural system and the beginnings of large scale industrialisation. Topics to be discussed include both institutions such as the merchant, the banks, the corporation, the factory system and the social structure including slavery, immigration and the development of a working class. Recent interpretations by the 'New Economic Historians'—Douglass North and Robert Fogel amongst others—will be examined.
[Not available in 1984.]

9. American Economic History 1865–1970
This short course will analyse various strands of American Economic History: the growth of 'Big Business'; the adjustment of the agricultural sector to the corporate society; government regulation of the economy; the rise of organised labour; the impact of war on the economy; and the economic forces behind American foreign policy.

10. Latin America: Revolution and Development
This course examines the relationship between revolution, development and underdevelopment in the history of Latin America. It considers the influences of colonialism, the independence wars, relations with Europe during the nineteenth and early twentieth centuries, the consequences of export-orientated growth and capital imports, as well as the effects of attempts since 1930 to industrialise. Particular attention is given to the 1910 Revolution in Mexico and the Peron era in Argentina. Each year, a third country is selected for special study.

11. Early Australian Economic History
This course examines the growth of the Australian economy in the century from 1788. It considers first the shift from penal settlement to capitalism: capital accumulation, immigration, the rural section and economic fluctuations. Then the period 1851–88 is examined: gold, the long boom, railways, pastoralism, urbanisation and trade unionism.

12. Modern Australian Economic History
This course looks at the changing socio-economic fabric of Australian capitalism in the period from the late 1880s. It considers structural changes in the economy and workforce; the pattern of urban development; economic fluctuations, especially the major depressions of the 1890s, 1930s, and now; social justice and class conflict; economic policy and its failures; the impact of war on economy and society; twentieth century urbanisation and suburbanisation; the situation of minority groups; problems of change in an affluent conservative society; alternative explanations of Australia's socio-economic system; and major developments since World War II.

13. Economic Development of Russia and Eastern Europe
Social and economic structure in the Romanov, Habsburg and Ottoman empires in the early modern period, the sources of economic development in the late eighteenth and nineteenth centuries, differing responses to economic development, decline of traditional social structures and rise of new groups in the late nineteenth century, the relation of nationalism to economic development, imperialism and war in southeastern Europe, the First World War, the revolution in Russia and Austria-Hungary, the establishment of the Soviet regime and economic developments in the Habsburg successor states, Soviet planning and German economic expansion in the 1930s, the Second World War, and post-war economic development in the Soviet Union and the socialist economies of eastern Europe.
[Not available in 1984.]

14. Economic Development of Modern Germany
The 18th century tradition of state intervention in the economy, the impact of the French Revolution and Napoleonic wars, the role of central bureaucracies in development to 1850, the economic background to the 1848 revolutions, accelerated development during the liberal period 1850–73, the Great Depression 1873–96, imperialism, the First World War, economic problems of the Weimar Republic and the Habsburg successor states, the rise of fascism, the structure and development of the Nazi economic system, and comparison of postwar development in market and socialist economies in central Europe.
[Not available in 1984.]

15. Economic History of the Mediterranean Region
The Mediterranean basin was the centre of the Western economy from the classical era through the 1500s, its power eclipsed by the colonisation of the New World. This course will look briefly at the inheritance of classical, Byzantine and early modern empires in the Mediterranean and the reasons why the area did not modernise in the same way as Western Europe during the 1700s and 1800s. Then it will concentrate on the period since the mid-1800s: the economic and social changes in the area, similarities and differences among the regions of the Mediterranean basin, and booms and crises in the twentieth century. Continuing links among the Mediterranean nations and the hypothesis that there exists a particular 'Mediterranean economy' will receive special attention. In 1984, however, the course will concentrate on the economic and social history of modern Italy and Greece. It will not be technical in its presentation of economics, and no knowledge of economic theory is presumed.

16. Economic and Social Development of Modern France
After briefly examining the economic and social aspects of the French Revolution and the Napoleonic regime, the course will look at nineteenth century developments such as the changing nature of agriculture, industrialisation and political upheaval. Then twentieth century developments will be studied. Themes to be treated include traditional and revisionist interpretations of French economic growth, the effects of government intervention in the economy (including the policies of the current socialist government), the end of the peasantry, regionalism and the relationship between Paris and the provinces, and the

repercussions of economic change in French society and culture. The course will not be technical in its presentation of economics, and no knowledge of economic theory is presumed.

NOTE: Not all short courses may be offered in any given year.

Final Honours Year

The final year of study consists of seminars and thesis work. Students will be required to sit three examinations based upon their seminar work, and complete a thesis on a chosen topic. Further information may be obtained from the head of department.

ECONOMICS

Economics I

JUNIOR NORMAL

Assumed standard of knowledge: HSC Mathematics 2 unit course.

This is a course designed to introduce concepts and alternative frameworks of analysis necessary for explaining the workings of a modern developed capitalist economy. It is therefore also designed to provide the basis for preliminary understanding of current economic problems experienced by such economies. The course sets the stage for later courses taught in the department including Economics II and IIP. It is also designed to illustrate diverse views of approaching theory and problems of economics and political economy. Students are therefore specifically encouraged to be constructively critical of the theory taught and to be constantly aware of the difficulties of applying theoretical propositions to actual economic problems.

The course is divided into three parts. One part (term) discusses the basic principles for understanding a simple theoretical framework, explaining production and exchange in a modern capitalist economy by means of lectures on production, costs and supply theory, theories of prices, exchange and markets and the theory of distribution. Another part provides foundations for the understanding of basic macroeconomic principles needed to examine the implications of macro-economic events and policy decisions within the Australian context. After an introduction on macroeconomic performance and measurement, the course discusses simple multiplier models, fiscal policy and budget analysis, consumption and investment, money and finance, links between markets and between the domestic and world economy, as well as inflation and unemployment.

A further part comprises an introduction to contemporary political economy. This includes a study of the development of political economy as an alternative approach to that taken by orthodox economics; Marxist economics and institutional economics, including applications to current economic isues; and an appraisal of competing types of economic analysis.

The Australian Economy

JUNIOR NORMAL

This course is designed to provide students with a working knowledge of the Australian economy. The course also serves to introduce students to the sources of statistical data used in the study of economic problems. Parts of the course are policy and problem oriented.

Economics II

INTERMEDIATE NORMAL

The course builds upon foundations established in Economics I and presupposes that students have mastered the subject matter taught in that course. The first part, *Economic Analysis*, is compulsory; the second part comprises *one option* to be selected from those listed below, not all of which are necessarily available in any one year.

(a) Economic Analysis

The course comprises further studies in micro-, macro-, and international economics. Studies in microeconomics include consumer behaviour, welfare criteria for public policy, and analysis of investment and other policies that affect the distribution of consumption and production over time. There is also emphasis on government policies with respect to the behaviour of both private and public enterprises. Microeconomic studies of international trade include factor endowments, factor prices and international markets, with emphasis on tariff and non-tariff barriers to trade.

The macroeconomic analysis begins with studies of the markets for labour, goods and services, and finance. International activity is then considered, with emphasis on the study of an open economy, such as Australia's, under alternative regimes of fixed or flexible exchange rates. Current theoretical and Policy controversies are surveyed especially those relating to inflation and unemployment. This part of the course ends with an overview of a macroeconomic system that is characterised by domestic and international interdependence.

(b) Optional subjects

1. *Industry Economics.* This course aims at exploring, at a more advanced level than in Economics I, and in a dynamic framework, characteristics of market and industry behaviour. Activities in such areas as pricing, competitive strategies, investment, innovation and cost behaviour are analysed. Particular stress is placed upon recent developments in theoretical and empirical studies and their implications for policy.

The latter part of the course treats international aspects of industry behaviour, both investment and trade, and the circumstances found in Australian manufacturing.

2. *Quantitative Economics I.* Introduction to model building; elementary econometrics; mathematical techniques for comparative static analysis (matrix algebra; partial and total differentiation) optimisation.

Students requiring a rigorous introduction to either mathematics or statistics are advised to take full courses in these areas.

The principal aim of this course is to provide those students with only limited mathematical background with some insight into the basic mathematical and statistical methods used in the intermediate economics course.

3. *Public Finance.* The theory and practice of public expenditure, taxation, debt policy, intergovernmental financial relations, and fiscal policy.

4. *Australian Public Policy Issues.* This course treats a number of issues that are important in current discussions of Australian public policy. Usually three or four topics are studied; the selection varies from year to year, and may include areas such as housing, poverty and minimum guaranteed incomes, exhaustible resources, manpower policy, provision and financing of health services, and immigration and population.

Economics II (P)

INTERMEDIATE NORMAL

This course is designed as a sequel to Economics I following on the introduction to political economy

provided in that course. It develops an analysis of the economic role of the State, the interaction between types of economic systems, and the consequences for economic growth and development. Consideration is given to the principal features of developed economies with particular reference to the role of the State as against that of markets, in directing and co-ordinating economic activities. The main emphasis is on 'capitalist' economies, though some aspects of the management of 'socialist' economies may be introduced where this is useful for comparative purposes. Dynamic aspects are emphasised, as is the role of economic power. Reference to the conflicts between Marxian and other views is made throughout the course. The main body of the lectures is concerned with the analysis of two interrelated systems. At the centre of the first is the State as a national entity. The second is a global system, the components of which include particular countries.

The course is divided into four parts. The first explores the development over the past century and a half of the general form of modern industrial capitalism. The second part examines the behaviour of the national economy. The third section examines relationships between advanced capitalist economies and between capitalist and major socialist economies. The last section deals primarily with the replication of modern capitalism in 'Third World' countries and with the impact of major 'capitalist' and 'socialist' economies upon them.

Economics II Advanced

INTERMEDIATE ADVANCED

This course is designed for those students who wish to proceed eventually to the fourth (honours) year in economics, or who simply wish to do more advanced work in economics in their second and third years of study. In general, it is taken only by students who have obtained a pass at credit level or better in Economics I.

For students in the Faculty of Economics (including Economics/Law), the course comprises two parts: *Economic Analysis* and *Quantitative Economics I*. For students in the Faculty of Arts (including Arts/Law), the course comprises these two parts (as described below) together with one other subject, to be selected from the other optional courses provided for students in Economics II (Normal).

(a) Economic Analysis

The syllabus is essentially similar to that prescribed for *Economic Analysis* in Economics II (Normal); and, as for the Normal course, there are two lectures per week. However, students attend separate lectures in which the subject matter is tackled in greater depth, with greater use of analytical techniques and empirical evidence. This provides a greater challenge to the student, who is also expected to undertake reading of a more demanding nature. The programme includes a weekly seminar, instead of the tutorials provided for Economics II (Normal).

(b) Quantitative Economics I

This course is described in the section dealing with optional courses in Economics II (Normal). It is compulsory for students taking Economics II (Advanced), save that exceptionally the head of the Department of Economics may grant exemption to a student who has passed, or is attempting, more rigorous courses in mathematics or statistics (e.g. Economic Statistics II, Applied Mathematics II, Pure Mathematics II). Any student exempted in this way shall enrol instead for one of the other options provided for students of Economics II (Normal).

Economics II Supplementary

This course consists of any two options from the list of options provided for Economics II Intermediate Normal, and not already taken for that course.

Economics III

SENIOR NORMAL

This course comprises a number of options[1] (unit value 4 each) of which 2 may be taken. None of these are compulsory.

Options

(1) *Advanced Economic Theory*

This option gives a fairly advanced treatment of particular areas in both micro- and macro-economic theory:

(a) the distribution of income: an analytical approach to functional shares (wages and profits) and to the personal distribution of income;

(b) inflation theories: an analysis of inflation and, more particularly, recent theoretical and empirical work in this major area;

(c) resource allocation through pricing and investment decisions: foundations in welfare economics, pricing decisions for alternative objectives and various contexts, investment appraisal for profit- and welfare-maximisation.

(2) *International Economics*

A thorough treatment of international trade and monetary applications to policy issues. Areas covered include:

(a) Basis of specialisation; gains from trade; factor endowments and factor pricing; transport costs; technological change; empirical tests of theories.

(b) International monetary system; balance of payments; price and income adjustments to balance of payments disequilibria; foreign exchange; international liquidity; capital movements; internal and external equilibrium.

(c) Tariffs and tariff policy; impact of market power; direct controls on trade and payments; customs unions; state trading; reform of the international monetary systems; trade problems of countries at different stages of development.

(3) *Economic Development*

A broad appraisal of the problems of economic development with an emphasis on international economic influences on developing economies. The performance of developing economies over the past three decades is reviewed and the major features in the recent experiences are examined. Attention is given to the major factors in the development process reflecting both domestic and international influences on developing economies. The common features in the development challenge are treated but characteristics identifiable with individual economies are also taken into account. While the main focus tends to be on the economies of South and East Asia and the Pacific this is not exclusive; experiences and problems in Latin America and Africa are also treated during the lectures. The Australian connections with developing economies especially in East Asia and the Pacific will be assessed and policy issues related to those connections reviewed.

The initial part of the course will be taken up with concepts of the development process and the recent experiences of developing economies. The main thrust

[1] Not all of these options may be available in any one year.

of this section is the analysis of theories of growth and development in an international setting and then a review of what has taken place.

The next main section of the course examines the resources appropriate to an appraisal of development. This is not only a matter of issues such as population growth but also organisational arrangements, including the role of government, and technology.

The following section treats development strategies potentially available to developing economies. This encompasses questions of priorities and choices in policy as well as constraints arising in trade, size of economies and institutions.

The final section of the course is concerned with policy issues. It is linked to the wide coverage of domestic and international issues in the preceding section. This section will include an appraisal of Australian policy problems in relation to developing economies, especially those of the ASEAN group, Papua New Guinea and the South Pacific.

(4) *Quantitative Economics II*

This option deals with the use of mathematical and econometric techniques in theoretical and applied economics. The work is divided into three parts: students who have already completed (or been exempted from) Quantitative Economics I do all three parts; other students, with advice from the lecturer in charge and permission from the head of department, take Quantitative Economics I together with one of the three parts. In all parts of the course the emphasis is on the use of the methods in economics rather than on the theoretical derivation of the mathematical results.

Part A: Applied Econometrics. The objective of this part of the course is to provide sufficient knowledge and experience for an appreciation of the usefulness (and limitations) of some of the econometric methods used in economic research. The course will examine the ways of diagnosing and the implications of such problems as multi-collinearity, hetero-skedasticity auto-correlation, qualitative dependent variables, lagged variables, specification errors, errors in variables, simultaneous equation estimation, and so on.

Students will be given first hand knowledge of these problems via simulation and computer exercises.

Part B: Mathematical Methods in Economic Theory. This part of the course introduces some of the more advanced mathematical methods applied in economic theory and in analysing economic models. The methods covered are linear models, complex numbers and difference and differential equations, with emphasis being given to their application to the stability analysis of linear dynamic systems rather than to their theoretical derivation.

Part C: Optimisation in Economic Analysis deals with the use of optimisation techniques in economic analysis. Emphasis is put on the general ideas of constrained optimisation and on the methodology of model-building in the context of economic optimisation. Particular models and techniques to be studied include: multivariate optimisation with equality constraints; multivariate optimisation with inequality constraints; Kuhn-Tucker conditions, and economic contexts and interpretations; mathematical programming models—linear and non-linear programming; multi-period formulations, and the choice of time horizon; and a miscellany of ad hoc economic optimisation models.

(5) *Business Economics*

The analysis of decision making, business, markets and industries.

That part of the course concerned with decision making falls into three sections. The first section emphasises institutional and organisational aspects of the firm. Topics include a game theory approach to conflict and uncertainty, cartels and international decision-makings. The implications of alternative goals of the firm are also discussed. The second section considers techniques, such as linear programming and forecasting, with respect to both policies of firms and the study of economics in general. The third element examines the firms' decisions with respect to net investment, replacement investment, pricing and advertising.

That part of the course treating business industries and markets is directed to a case study approach in order to explore and develop themes in the area of industry and resource economics. It draws on empirical studies conducted in various countries, examining such topics as competition and entry, price competition and excess capacity, non-price competition, new-product innovation, structural change and the conservation and exploitation of resources.

(6) *History of Economic Thought*

The evolution of economic ideas from the early eighteenth century to the present day, with emphasis on the intellectual and social background that influenced the more important contributions. In Lent term, after a discussion on mercantilism and Physiocracy, the work of Adam Smith and Ricardo are studied in detail. In Trinity term, nineteenth century economics is studied with special reference to the early criticisms of Ricardo, the work of John Stuart Mill and Marx, and the marginal revolution. Michaelmas term deals with the developments of the twentieth century; developments in neo-classical theory, the Keynesian revolution, and post-war developments in the theory of growth, distribution and economic policy.

(7) *Marxism and Socialism*

A critical study of socialist economic theory and practice. The theoretical section deals with Marxist critiques of capitalism and with visions of ideally functioning socialist or communist societies; it discusses possible models of socialism. The applied section seeks to understand the role played by Marxian economics and ideology in shaping the structure and behaviour of contemporary socialist countries and regions (USSR, Eastern Europe, China and Cuba). It also attempts to explain the *modus operandi* of the economies of these areas by analysing their planning processes from the viewpoint of decision-making; who decides what, how and why.

(8) *Money and Finance*

The course studies domestic monetary and financial theory, policy, and institutions. Three major strands are developed.

First, the role of money in aggregate economic activity is examined with emphasis on the transmission mechanism and monetary policy for stabilisation purposes. Second, the role of banks is studied with a view both to their influence on the effectiveness of monetary policy and their role as intermediaries between borrowers and lenders. This is extended to an analysis of financial markets and financial intermediaries in general. The final segment deals with the theoretical underpinnings of individual financial behaviour and gives an introduction to theories of portfolio choice.

Developments in the Australian and overseas financial systems are used to illustrate and bring together various aspects of the course.

(9) *Post-Keynesian Economics*
The development of one school of thought that has its origins in Keynes' General Theory but which has also relied on the work of Kalecki. This school is largely associated with Cambridge Economics and has developed alternative approaches to the theory of fluctuations, growth distribution, money and economic policy (including public finance) in which 'micro-analysis' (theory, the firm, public policies, etc.) is closely integrated with 'macroanalysis'. The emphasis in this course is not on negative aspects of the Cambridge controversies about capital theory but on the more positive development of a general economic theory which attempts to overcome some of the shortcomings inherent in 'neo-classical' analysis which were disclosed by the Cambridge controversies and the economics of Keynes.

(10) *Public Resources and Public Policy*
In Australia as in most other economies, the public interest in the provision of goods and services and the use of resources is recognised to be very considerable; accordingly, public provision—or public regulation of private provision—is often deemed desirable. This applies especially to public goods, externalities and natural monopolies. However, it is still difficult to agree on criteria to be used in determining public policy on these matters.

This course includes a discussion of alternative criteria, and of the development of working rules such as those to be found in cost-benefit analysis. The major part of the course examines various fields of public policy, including transport, the environment, and mineral and energy resources.

(11) *Regional and Urban Economics*
Some of the most intractable economic and political problems occur in regional and urban policies; especially important are problems stemming from imbalances of economic development between regions, and from the tendencies for agglomeration into urban areas. This course examines such problems from a broad standpoint, including interdisciplinary aspects where appropriate. It includes analysis of issues in location, urban and regional growth, and cities viewed as systems, and examines these with a view to clarifying policy options, especially in Australian circumstances.

(12) *Australia and World Capitalism*
This course deals with the major forces at present restructuring the world economy, with particular reference to the institutions concerned, and the implications of this restructuring for the Australian economy. The first part of the course examines the new international division of labour, its origins, the role that transnational corporations are playing in it, and the attempts being made to regulate it and the transnational corporations themselves by various international organisations. The second part of the course considers the changing balance between the different sectors of the Australian economy—manifest in part in a changing distribution of income, changes in technological reliance, and the policies of the federal government as they relate to international pressures for structural change and to the structural change itself. Special emphasis is given to implications for employment opportunities within Australia.

(13) *Economic Conflict and the State*
This course examines conflict and power within contemporary capitalist economies and, against this background, a range of state economic policies. The modern state is considered capable of resolving or at least containing economic conflict, although in a manner that may reflect its partial dependence on the more powerful parties to conflicts. The course canvasses a number of analytical approaches to conflict, which differ according to their versions of the locus and character of economic power. Care is taken to acknowledge that the arena of any conflict is typically broad and complex. Given that the nature of economic conflict is historically determined and differs between nations, the examination of state economic policies is undertaken partly by means of case studies of significant periods in the development of some of the major capitalist economies. The overall object of the course is to establish the principles on which the efficacy of various state economic policies depend.

(14) *Labour Economics*
[This course has been approved in principle by the Faculty of Economics but will not be offered in 1984.]

Economics III Advanced

Students proceeding to the honours degree in Economics from Economics II will do a significantly different course from that offered to pass degree candidates. Their course presupposes the level of quantitative work in Theory, Quantitative Economics I for Economics II. It comprises Advanced Economics Theory, Quantitative Economics II, one other subject chosen from the list of options for the senior normal course and an Advanced Economics seminar, for all third year honours students, and emphasising policy problems.

Students proceeding to the honours degree in Economics from Economics II (P) are required to take two options chosen from History of Economic Thought, International Economics, Post-Keynesian Economic Thought and Policy and Regional and Urban Economics, plus one other subject chosen from the list of options for the senior normal course. They have also to take the Advanced Economics Seminar for third year honours students.

Before the commencement of the 1984 academic year students should check with the department that the above information is still current.

Economics III Supplementary

This course consists of any one subject not already taken from the list of courses provided for Economics III Senior Normal.

Economics III Additional

This course consists of any two options not already taken from the list of options provided for Economics III Senior Normal.

Final Honours Year

Candidates for final honours may complete requirements in one of three ways:

(a) by taking four subjects, each including a two hours' lecture or seminar per week.
(b) by taking three subjects and submitting an extended essay not exceeding 15 000 words.
(c) by taking two subjects and submitting a thesis not exceeding 25 000 words.

The subjects offered this year will be drawn from the following schedule, though some may not be available.

(a) Advanced Macroeconomic Theory
(b) Advanced Microeconomic Theory
(c) Applied Economic Development
(d) Economic Classics

(e) Monetary Economics
(f) Australian Macroeconomic Model Building
(g) Transport Economics
(h) Economic Planning
(i) Finance

In addition there is a seminar for all students on Economic Policy Documents of the Australian Government.

GOVERNMENT AND PUBLIC ADMINISTRATION

Government I

Government I is organised into a number of options of which students must choose one. The content and emphases of the options will differ but all will be concerned with central aspects of politics. Some attention may be devoted to such areas as: the institutional structures of government and their operation; alternative types of political systems and critiques of them; questions of political organisation outside the modern state structure; concepts like power, state, authority, class, hegemony, political socialisation and political obligation; sources of conflict in society; alternative methods of political analysis; and the international dimension of politics. Different options will give different weight to some of these areas. Options will have different teachers and will be presented at different times and places. Full details of the options will be found in the Government department handout available at the time of enrolment. At that time students must register both for Government I and the individual option.

GOVERNMENT II AND III

Students in these years have a wide choice of half-year short courses. These are listed as Intermediate Short Courses and are grouped under the headings (A) Political Theory, (B) Comparative Politics, (C) Public Policy, (D) International Politics and (E) Political Sociology. Students intending to complete a major in Government are required over the two years to take short courses in at least two of the five groupings.

To pass Government II or III, students must complete each short course at a satisfactory level, as well as achieve a pass in the course as a whole. To pass a short course, students must complete all assignments and examinations at a satisfactory level, as well as achieving a pass overall.

In any given year some of these options may be unavailable. Before enrolling, students should check with the department.

Government II

INTERMEDIATE NORMAL

Students in Government II must take two short courses (one in each half of the year) from the list below.

Government II Advanced

Students in Government II Advanced must take three short courses (one in each half of the year and another in the first half, except with the permission of the head of department) from the list below. Additional work may be prescribed for advanced students within these courses.

Government III

SENIOR NORMAL

Students in Government III must take two short courses (one in each half of the year) from the list below. Students cannot repeat courses completed previously, and in Government II and III combined must have taken short courses in at least two of the five groupings.

Government III Additional

SENIOR NORMAL

Students may take Government III Additional as an extra course in Government. Students are required to take two intermediate short courses (one in each half of the year), not already completed previously, from the list below.

GROUP A: POLITICAL THEORY

Classical Political Theory II

Students will read and discuss the original texts of a few great thinkers. Students will learn how to interpret and evaluate these books, as well as learning the content of them. They will compare each thinker to others of the same epoch. Students will solve the same kinds of problems that these thinkers did. Thus students will be learning political theory by doing it. The subject matter of this course will be of particular interest to students of law and philosophy.

Ethics and Politics, Science and Technology

What social values underlie the technological society? Is technology autonomous and self-propelling, an inbuilt mechanism of social development and progress, or is it the outcome of rational choices? What are the ethical responsibilities of scientists, engineers and technicians and how can they be held responsible for the social and environmental consequences of technology? What role can professional ethical codes play in establishing responsibility and how can the ethical dilemmas facing scientists and engineers be resolved in terms of a personal ethic? Do parliament and the courts have responsibility for establishing guidelines for public accountability in these fields and to what extent should business and private corporations pay the price of mistakes?

GROUP B: COMPARATIVE POLITICS

Government and Politics of Modern China

Introduction to government and politics of modern China. Brief examination of traditional background and modern revolution from 19th century to 1949. Primary focus on ideology, leadership, institutions and political processes of the People's Republic. Covers politics of social groups, major issue areas, the Cultural Revolution and subsequent developments.

Sociology of Political Parties

The course will review some major themes in the sociology of political parties, and adopt a broad, historical-comparative perspective. Among the themes emphasised will be the following: political and cultural conditions of the rise of party politics in Western liberal polities, with special reference to the development of the public sphere and the legitimacy of opposition. The significance of organisational factors in the development of parties and their impact on the parties' political role. Types of party organisation. The question of internal party democracy: leaders—members—electors. Major approaches to the study of the social bases of party formation. Types of party systems. The role of parties in the structure and operations of the contemporary liberal-democratic polity. A look at single party systems. No previous familiarity with sociological modes of argument will be expected of students taking the course.

The Politics of Development
An assessment of conceptual definitions of development, and the implications of comparative definitions in predetermining approaches to the promotion of political, economic and social change. Investigation of the structural bases of the division of the world into a minority of rich countries and a majority of poor countries, and of the widening gap between the two. The evaluation of various political and other strategies advanced for promoting development in poor countries, both at the theoretical level and as applied in selected Southeast Asian countries. The evaluation of the respective roles of domestic and supranational factors in promoting or retarding development. The exploration of the links between the 'developmentalist' ideology and authoritarian forms of rule.

Western European Politics
An introduction to the politics of Western Europe. There is an increasing interest in the progress of European integration, where many nations are joined together by the Common Market, a European Parliament, NATO, and many other institutional and cultural bonds. Is it useful to talk about Western European politics, or only about French, German, Italian or other national varieties? Has Europe produced a new version of 'the State'? Or are there many versions of the state—post-welfare state, corporate state, state of autonomies, nation state, confederated state? Who rules in the European community? What issues unite and divide Europe? Some attention will be given to the politics of the larger European nations, but the main emphasis will be on Europe as a whole.

Problem in American Public Policy: The Quality of Life
This course analyses several major problem areas in contemporary American society: environmental deterioration, urban decay, poverty and racism. Lectures consider the political structure and dominant political values in the United States and suggest how they reflect power relationships and maintain social problems. The 1984 elections and economic/socio-political constraints that America faces in this decade are also discussed in relation to the above issues.

GROUP C: PUBLIC POLICY

Public Policy and Administration I
This option is a basis for further work in the field of public policy and public administration. It concentrates on the structures and processes in formulating and implementing government policy in Australia. It will pursue particular themes including co-ordination and control; bureaucratic power; policy and administration; public service ideas and practices of neutrality and secrecy; and the impact of bureaucratic forms of administration on clients and claimants.

Public Policy and Administration II
This option is an introduction to the study of policy in terms of both process and content. It examines the various approaches to policy analysis. Topics covered include: the systems approach; institutionalism; incrementalism and partisan mutual adjustment; rationality and its techniques (such as cost-benefit analysis and programme budgeting); bureaucratic politics and the organisational perspective; implementation; public choice and the 'new political economy'; and policy evaluation. If time permits, some attention will also be given to policy advocacy and the question of scholarship and partisanship. The case material will focus on Australia.

Environmental Issues and Policies
This introductory course examines the nature and complexity of several interrelated environmental problems from a multidisciplinary perspective, and also analyses the role of political science in the formulation and implementation of environmental policies. Lectures consider different facets of the environment/resources debate, international issues (e.g. food, population, energy, pollution), domestic issues and an overview of local, state and federal environmental legislation. Case studies and guest speakers illustrate important problems and policies in Australia.

GROUP D: INTERNATIONAL POLITICS

Politics of International Economic Relations
This option will provide an overview of the principal theoretical approaches and substantive issues in international political economy. Particular attention will be given to five core issue areas: international monetary relations; international trade relations; the activities of multinational corporations; natural resource conflicts; and North-South relations. In each of these areas the objective will be to identify the principal actors and their strategies for influencing international production and change, and to explain the transformation of the rules and institutions that structure international economic behaviour.

Issues in International Politics
A survey of major issues in contemporary international politics, with special reference to regional conflict in Southeast Asia, the Middle East, and East and Southern Africa. Beginning with a study of the Cold War and its origins, and the politics of *détente*, the option will proceed to examine some major issues in the strategic conflict between the superpowers: arms competition, arms control, crisis management, and strategic doctrine. Australian interests and responsibilities will receive attention during the course.

Theory of International Politics
An introduction to a range of theoretical approaches to international relations, focusing on the way in which *Western* (conservative, liberal, radical), *Marxist* and *Third World* theorists have dealt with some of the central issues of contemporary international relations. The range of theories to be discussed will be grouped together under three headings: State-Centric Theory; World Economic Theory; and World Order Theory. More specifically the theoretical issues to be covered will include: the nature of international society; order in world politics; imperialism and dependency; development and underdevelopment; the international politics of population, pollution and resource depletion; and the future of the sovereign state system.

GROUP E: POLITICAL SOCIOLOGY

Politics of Information I
Against a background of internationally emerging communications policies, the focus will be on Australia: continuity, challenge and change are key themes. Issues discussed may include: politics and economics of print media; technological challenges; national, commercial, public and special sectors in broadcasting; self-regulation and external controls; current policy issues in media (case studies); policies and the chances of reform; advertising. Industry and reform advocates take part in the lecture programme.

Politics of Information II
The creation, processing, ownership/control and distribution of information and assumptions about poli-

tics and values by and in the mass media—broadcasting and the press. What sort of world do the media present? Why? What do they take for granted? What part do they play in fashioning the world they present? How sound are liberal and Marxist assumptions about the role of the media? What are media 'effects' and can they be linked to media policies? Current debates about the media are reviewed in lectures and essays. The course also analyses 'new media'—cable TV, satellites, videotex—and policy issues about them.
Note: The course is comparative and international with minimal specific reference to Australia—see Politics of Information I.

Political Sociology
This option surveys some of the many ways in which politics is linked with other non-political parts of society. There is a strong emphasis on some of the more important social theorists such as Marx, Weber and Durkheim. There is also discussion of some of the important issues in contemporary political sociology—inequality, class, religion, political socialisation and violence.

Political Economy of Women
This is a Faculty of Economics interdepartmental, interdisciplinary course offered by members of the Government and Economics departments. The topics covered include the political economy approach and its relevance to women's studies; women's role in the Australian economy from the late nineteenth century to the present, including female unemployment; migrant women in labour force; unpaid work; early defenders of women's emancipation and the past and contemporary development of the feminist movement; women and political participation; women and trade unions; equality and anti-discrimination legislation. Audiovisual materials are an integral part of the course.

Working Class Politics
This course is about the history and present situation of the working class in advanced capitalist societies, with particular stress on the industrial side. Its organising principles, which arise from the relationship between class and politics, are class formation, class consciousness, power and conflict. The main empirical focus is Australian. Main topics: changing structure of the working class; trade union democracy; industrial democracy; industrial conflict; theories of the 'new working class'; corporatism; women in the labour movement.

Australian State Politics
A comparative study of the Australian states, with special reference to New South Wales. Topics include the institutional rules of the game (constitutional development, parliamentary procedures, electoral methods). Considerable attention will be given to the role of political parties and interest groups in state politics. Attention will also be given to state bureaucracies, new development and proposed reforms together with some policy formulation and implementation in some key areas of public policy.

Field Problems in Political Science
An introduction to applied empirical research techniques and to understanding the uses and limitations of such techniques. All students will be required to take part in the design of the group project and the common data collection instrument. Students will also be introduced to automatic data processing procedures and to the SPSS statistical computing package. No previous knowledge of statistics is necessary, but all students will need to become familiar with ways of applying statistics to empirical analysis. In addition to regular attendance at the three-hour workshop, students will need to meet in small groups outside class time and will also be required to participate in the community-based data collection exercise. Further information on the common project will be available in the department's registration handout.

Government III Advanced
SENIOR ADVANCED
Students in Government III Advanced must take three short courses, not already completed, from the list above (two in the first half of the year and one in the second), one of which must be a third year honours seminar, except with the permission of the head of department. Students also complete an honours research essay and a Michaelmas term seminar designed to prepare them for fourth year thesis work.

Third year honours seminars
These seminars are available to third year honours students, and also to second year honours students and second/third year pass students with the instructor's approval. They will be conducted over Lent and Trinity terms and are regarded as the equivalent to a Government II/III short course.

Political Power: Problems of Conceptual and Empirical Analysis
The seminar will involve students in methodological and conceptual debates about the study of a central aspect of politics. It is designed to provide a grounding in questions of both theory and substance in order to help all honours students in preparing for later work in the discipline. Debates within political science, controversies about the meaning of 'power', and studies that fall outside the conventional confines of the discipline will be analysed.

Scope and Method in Political Science
Students will learn to comprehend, analyse, and evaluate the concepts and methods of the discipline of political science. They will do research in this seminar, learning the possibilities and limitations of explanation in political science. They will learn and apply the criteria of explanation, will also learn a number of the basic skills necessary to do and to present their own research, and will learn to evaluate research on its methodology as well as its content.

Research Seminar
The seminar focuses on skills necessary in order to undertake fourth year thesis work. Areas covered include the selection of a thesis topic, research design and the organisation and writing-up of research. Students are required to prepare a thesis prospectus.

Final Honours Year
Students work as far as possible under individual supervision. Courses to be attended will be arranged with the head of the Department of Government. Besides preparing a substantial thesis, students will normally take two seminars from such areas as political theory, Australian politics, international politics, and public policy and administration.

LAW
Legal Institutions
Public Law
Torts
Contracts
For details see under Faculty of Law.
For Faculty of Economics law courses see under Accounting.

INDUSTRIAL RELATIONS

Industrial Relations I

INTERMEDIATE NORMAL

The programme is designed as a comprehensive introduction to the study of the subject and as a foundation for more detailed aspects of the discipline in Industrial Relations II. The fundamental aim of the course is to provide second year undergraduate students with a penetrating and critical insight into a crucial area of social science activity, which combines industrial studies of both theoretical and practical significance.

With this end in view, lectures by senior departmental staff are closely synchronised with a personal tutorial system. Distinguished guest speakers from the worlds of industry, labour and government participate in the programme on a regular basis. Their contribution is unique and integral to the course and is regarded by the Industrial Relations teaching staff as an invaluable academic input for student understanding of contemporary problems and issues in industrial relations.

The overview examines the development of the subject and then goes on to an institutional basis of industrial relations in Australia. Topics covered include: contemporary problems, the origins and development of unionism in Australia, the structure and operation of trade unions, the functions of management, arbitration systems, and the method of wage fixation and aspects of the law relating to industrial relations in Australia.

The remainder of Industrial Relations I deals with aspects of industrial conflict at the macro and plant level. Other issues examined include union security, unemployment, public policy and industrial relations, workers' participation, women, migrants in the workforce, strikes, technological change and unemployment.

Industrial Relations II (Normal)

SENIOR NORMAL

This programme builds on the foundation laid in Industrial Relations I, and seeks to introduce students to some of the more specialised areas of study. The course consists of a compulsory component: 'Contemporary Industrial Relations: Issues, Policies and Perspectives', which seeks to familiarise students with current events, policy problems and ethical questions in industrial relations. In addition, students must choose two special electives from those that may be offered. The department reserves the right to offer or withdraw in any year any of these electives depending on the availability of staff. No more than two courses may be taken in the same half year. Special in-service training is offered for a limited number of Industrial Relations II students during vacations, with placements in local unions, employer organisations and companies.

Industrial Relations II (Additional)

SENIOR NORMAL

Industrial Relations II (Additional) students choose three electives. These electives must not be chosen from those already nominated as part of the Industrial Relations II (Normal) course.

Industrial Relations II (Advanced)

SENIOR NORMAL

This course is intended primarily for those students who wish to proceed to Industrial Relations Final Honours year.

Students may select five courses, which must include 'Advanced Industrial Relations: Theory and Research Techniques', and 'Contemporary Industrial Relations: Issues, Policies and Perspectives'.

CORE AND ELECTIVES

Core course (compulsory)

Contemporary Industrial Relations: Issues, Policies and Perspectives

This course will develop a number of practical and theoretical themes in industrial relations. Some aspects of the socio-psychology of work will be discussed, combined with the application of behavioural sciences through personnel and labour administrative practice. Students will also be introduced to some techniques of industrial advocacy in the context of the constitutional and legislative framework within which industrial tribunals operate. Contemporary issues in the fields of government, employer and trade union policy will also be examined. The course is intended to further develop and synthesise the analytical skills and information resources established in Industrial Relations I, and to confront students with the perspectives and values adopted in industrial relations practice. Critical attention will be paid to the applied role of the social scientist in industry.

Electives

1. Legal Aspects of Industrial Relations

An examination of the legal dimensions of a number of problems and issues that arise in labour relations. These include such matters as the nature of the employment relationship and its termination, modes for the determination of normative rules governing the operation of the relationship, covering, under this heading, problems that arise in connection with the Australian system of conciliation and arbitration, trade unions in the arbitration system, their registration and regulation of their internal affairs; the attempt to control industrial hostilities by the use of law. The specific subject matter is likely to vary from time to time by reason of the changing character of current problems affected with a legal element; but a basic aim throughout will be to demonstrate the nature of law as a social phenomenon and the scope of the limitations upon its operation in the field of labour relations.

2. The Historical Development of Industrial Relations

The development of trade unions in Australia with special reference to the theory of union growth, changes in union structure, the development of arbitration, the political activities of organised labour, and the development of the working class. Some comparative material from labour and industrialisation processes in Britain is introduced.

3. The Economics of Labour Markets

An introduction to theoretical economic analysis of labour markets in industrial economies. The main areas covered include the supply of labour, the demand for labour, labour market institutions, and macroeconomic aspects of labour markets. The elective includes an examination of individual and collective decision making within the labour market, in which theory is applied to considerations of contemporary problems. Emphasis is placed on applied topics of special relevance to Australia.

4. The Sociology of Industry and Labour

An examination of the conceptual problems and applied issues in the world of labour and industry which sociologists have attempted to illuminate. The elective

begins with a brief introduction to general sociological principles, and then proceeds to the deeper analysis of the central topics of industrial sociology. These include the effects of technology on worker attitudes and behaviour, the problems of job satisfaction and alienation, the analysis of the occupational structure and the sociological approach to the study of trade unions.

5. Industrial Relations in Western Societies
Short introductions to the industrial relations system of other Western market economies including the U.S.A., Great Britain, the German Federal Republic, Sweden, France and Japan. In each case a historical sketch of the development of the institutions will be followed by examination of trade unions, employers' associations, the role of the state, collective bargaining, strikes and industrial democracy.

6. Industrial Relations in Developing Countries
An introduction to working conditions, employment, labour markets, income structure, trade unions and state influences upon industrial relations in the developing world, with particular attention to empirical studies in South East Asia, sub-Saharan Africa and Latin America. Emphasis will be placed upon topics of particular relevance to labour problems in the Pacific Basin and the processes of economic development. The role of international labour organisations including international unionism, and the International Labour Organisation will be examined. Australia's role in labour development within the Third World will be analysed as part of the elective.

7. Management and Industrial Relations
A critical analysis of management theory and its application to contemporary labour administration and work organisation. Students are introduced to the central problems of the managerial function in industrial relations through an examination of the works of classical and modern management theorists.

The chief objective of the elective is to introduce students to the application of analytical principles to practical problems in managerial decision making processes in industrial relations. The evaluation of some actual management situations will be a component of the elective.

Special course

Advanced Industrial Relations Theory and Research Methods
Available only to students doing Industrial Relations II (Advanced)

The course is divided into three sections:
— Special Techniques and Methods of Industrial Relations Research
— Industrial Relations Theories and Model Building
— Philosophies of Labour and Industrial Relations

Final Honours Year

In broad terms, the Final Honours Course aims at providing basic professional training in introductory industrial relations research, coupled with an advanced understanding of the field's academic development and scope.

Admission to the course is restricted to students who have obtained a credit or better in Industrial Relations II (Advanced). The coursework consists of seminars conducted by departmental staff and specially invited academic researchers in the field of industrial relations. The coursework seminars will include the following topics:

(a) Research Methodology and Techniques
(b) Industrial Relations: Contemporary Policy Issues
(c) The Economic Analysis of Labour Markets
(d) The Philosophy of Industrial Relations: History and Theories
(e) The Law and Industrial Society

Assessment will be on the basis of seminar papers, a written examination and a thesis of about 15 000 words submitted at the end of Michaelmas term.

GEOGRAPHY

For details see under Faculty of Science.

Board of Studies in Education

BACHELOR OF EDUCATION

Primary Education I (Year II), II (Year III) and III (Year IV)

These courses include the following elements:

(1) Theory of primary education, including a study of the aims of the primary school and of the psychology, growth and development of the primary school child.

(2) General strategies of teaching; skills in effective teaching and management; and organisation in the primary school.

(3) Curriculum courses in Children's Literature, Language Study, Music, Social Studies, Art and Craft, Science, Health and Physical Education. These consider the aims, content, resources, implementation and evaluation of each primary school curriculum area.

(4) Practical experience in schools and institutions, including systematic observations and practice teaching.

Early Childhood Education I (Year II), II (Year III) and III (Year IV)

These courses include the following elements:

(1) Theory of early childhood education, particularly concerned with the philosophy of preschool education, educational psychology and growth and development of young children.

(2) General strategies of teaching; skills in effective teaching and management; and organisation in the pre-primary school.

(3) Curriculum courses in Children's Literature, Language Study, Music, Social Studies, Art and Craft, Science, Health and Physical Education. These consider the aims, content, resources, implementation and evaluation of each early childhood school curriculum area.

Physical Education Years II, III and IV

The courses are composed of the following elements:

(1) Historical and sociological studies related to the development of physical education and sport, and issues arising from current practices in the field.

(2) Exercise science, which includes the study of body function and process as related to movement and performance.

(3) Motor behaviour, which deals with factors of growth, learning and the psychological processes in relation to the learning and performance of motor skills.

(4) The study of leisure and physical activity as recreation.

(5) Professional preparation, which includes teaching methods, curriculum design and administration for physical education in primary and secondary schools.

(6) Curriculum skill courses and special methods for school programmes in physical education.

(7) Systematic observation and supervised teaching practice in primary and secondary schools.

Health Education

This course includes the following elements:

(1) The meaning and significance of health education to the individual and to the community.

(2) The nature and aims of the pre-primary, primary and secondary school health education programme.

(3) Health needs and health interests of boys and girls as related to their growth and development.

(4) Studies in the content and teaching methods in health education as it concerns pre-primary, primary and secondary school children.

(5) School health services studies.

(6) Studies in healthful school living.

(7) Nature of agencies and organisations concerned with school health education.

(8) Evaluation in health education.

Secondary Education I (Year II), II (Year III) and III (Year IV)

These courses include the folowing elements:

(1) Theory of secondary education, including its general aims, scope and structure, and of the psychology, growth and development of the secondary school student.

(2) General strategies of teaching, including learning theories applicable to the various curriculum areas; skills in effective teaching and management; secondary school organisation and administration.

(3) Curriculum courses in English, History, Social Science, Mathematics, Economics, Geography. These consider the aims, content, resources implementation and evaluation of teaching in the respective secondary subject areas.

(4) Practical experience in schools, institutions and their communities, including systematic observations and supervised practice teaching.

Faculty of Engineering

The details of courses should be read in conjunction with the Senate Resolutions governing the award of degrees in the Faculty of Engineering (see Chapter XIV of the by-laws).

The courses provided by the Faculty of Engineering are described in greater detail in the Faculty Handbook which also contains details of elective and honours courses.

To qualify for the award of the degree of Bachelor of Engineering (BE) candidates must complete all the core courses prescribed for at least one branch of engineering together with sufficient elective courses to make a total of not less than 96 units.

Junior courses

Junior courses may be taken in the first or later years of attendance. In their first year all candidates must include the courses 1.051 Chemistry I and either 1.010 Mathematics I or 1.018 Mathematics IE and 1.022 Mechanics IE in their enrolment.

1.010 Mathematics I **6 units**
For details see under Faculty of Science.

1.018 Mathematics IE **5 units**
(Core course for the degree in all branches unless the course 1.010 Mathematics I is completed.) A course of 108 lectures and 40 hours of tutorials covering the same topics as Mathematics I with the exception of dynamics.

1.022 Mechanics IE **3 units**
(Core course for the degrees in Aeronautical, Civil, Mechanical and Mining Engineering unless the courses 1.010 Mathematics I and 1.041 Physics I are completed.) A course of 45 lectures and approximately 20 hours of tutorial and 20 hours of laboratory work. Vectors, statics, stability of equilibrium, kinematics, dynamics of a single particle, dynamics of particle systems, collisions, two-dimensional rigid body dynamics.

1.040 Physics IE **4 units**
(Core course for the degrees in Aeronautical and Electrical Engineering unless the course 1.041 Physics I is completed.) A course of 54 lectures and 54 hours of laboratory classes. Oscillations, waves, optics, electrostatics, current electricity, magnetism, electromagnetism.

1.041 Physics I **6 units**
For details see under Faculty of Science.

1.047 Computer Science I **6 units**
(An alternative to the core courses 1.049 Engineering Programming and 1.192 Computer Methods.)
For details see under Faculty of Science.

1.051 Chemistry I **6 units**
For details see under Faculty of Science.

1.061 Geology I **6 units**
(An alternative to the core course 2.063 Engineering Geology 'A' for the degrees in Civil and Mining Engineering.)
For details see under Faculty of Science.

1.081 Biology I **6 units**
For details see under Faculty of Science.

1.072 Accounting I **6 units**
1.073 Economics I **6 units**
For details of these courses see under Faculty of Economics.

1.049 Engineering Programming **2 units**
(Core course for the degrees in Aeronautical, Civil, Mechanical and Mining Engineering unless the course 1.047 Computer Science I is completed.)

A course of 18 lectures and 36 hours of practical classes.

Computer history, compilers, number representations, arrays, loops, branches, algorithms, subroutines, logical variables, I/O formats, graphical output, mass storage, bit operations, other FORTRAN facilities, debugging systems, error avoidance and program design, job control language, libraries and packages, trading accuracy and storage for speed.

1.111 Workshop Technology **2 units**
(Core course for the degrees in Mechanical and Aeronautical Engineering.)

A course of 59½ hours of lectures, demonstrations and workshop practice, covering the elements of Fitting, Machining, Welding, Heat Treatment, Blacksmithing and Founding.

The course is given by the Department of Technical Education at the Sydney Technical College.

1.141 Engineering Drawing **1 unit**
(Core course for the degree in Chemical Engineering unless the course 1.191 is completed.)

A course of about 10 lectures and 50 hours' drawing office practice covering the machine drawing section of the course 1.191—see below.

1.142 Engineering Mechanics I **2 units**
(Core course for the degrees in Civil and Mechanical Engineering. Core course for the degrees in Chemical and Mining Engineering unless either 1.041 Physics I or 1.022 Mechanics IE is completed. Core course for the degree in Aeronautical Engineering unless the course Physics II is completed.)

A course of 18 lectures and 36 hours of Tutorial Classes.

Basic Concepts: Scalars and Vectors. Units in SI, MKS and USA Engineering systems. Brief review of equilibrium criteria. Engineering applications. Distributed force systems. Elementary kinematics of particles.

1.151 Electrical Circuit Theory **2 units**
(Core course for the degrees in Chemical, Electrical and Mechanical Engineering. Core course for the degrees in Civil and Mining Engineering unless either 1.040 Physics IE or 1.041 Physics I is completed. Core course for the degree in Aeronautical Engineering unless the course 2.042 Physics II is completed.)

A course of 27 lectures and eight 3-hour laboratory and tutorial sessions.

Electrical quantities and laws, circuit parameters, network theorems, transient analysis of simple circuits, steady state analysis of a.c. circuits.

1.163 Chemical Engineering I **4 units**
(Core course for the degree in Chemical Engineering.)

A course of 40 lectures and 72 hours of tutorials. Computer laboratory and works visits.

Introduction to large-scale chemical processing; discussion of typical flowsheets for the manufacture of basic chemicals. The application of physicochemical principles to materials and energy balance calculations.

Introductory BASIC computer programming with associated tutorial work.

A survey of the nature of chemical engineering, the Australian process industries, and the main professional activities of chemical engineers.

A major assignment involving the computation of material and energy balances for a complete flowsheet, and an essay on some aspect of the chemical industry.

1.181 Materials I **2 units**
(Core course for the degrees in Civil, Mining, Mechanical, Chemical and Aeronautical Engineering.)

A course of 36 lectures and 9 hours of laboratory and tutorial work.

An introduction to the structure and properties of materials for engineering purposes; ferrous and nonferrous metals, colloids and organic materials, ceramics, cement and concrete. Mechanical properties, strength, fracture, fatigue, creep. Corrosion and protective materials.

1.191 Machine Drawing and Descriptive Geometry **2 units**
(Core course for the degrees in Civil, Mining, Mechanical, Electrical and Aeronautical Engineering.)

A course of 20 lectures and 75 hours' drawing office practice.

(i) *Machine Drawing*

Lettering, freehand sketching, draughting techniques, projections, views, sectioning, pictorial projections, and symbols, screw threads and threaded fasteners. Detail, assembly and layout drawings. Material lists and title blocks. Reproduction of drawings.

(ii) *Descriptive Geometry*

Projection of points and lines, projection of simple solids, lines, perpendicular planes, auxiliary projection, oblique planes, sections of planes with planes, solids and surfaces. Development of surfaces, isointegration, differentiation.

Intermediate courses

Intermediate courses may be taken in the second or later years of attendance provided the prerequisite courses prescribed in the Senate Resolutions have been completed.

2.011 Pure Mathematics II **8 units**
(Core course for the degrees in Civil, Mining, Chemical and Aeronautical Engineering.)

For details see under Faculty of Science.

2.014 Electrical Engineering Mathematics II **6 units**
(Core course for the degree in Electrical Engineering for candidates who have not completed the course 2.011 Pure Mathematics II.)

A course of 100 lectures and 63 hours of tutorial classes comprising the following part of the courses 2.011 Pure Mathematics II and 2.012 Applied Mathematics II.

Vector calculus, differential equations, Fourier series and complex variables, matrix theory and applications 1.

2.015 Mechanical Engineering Mathematics II **6 units**
(Core course for the degree in Mechanical Engineering for candidates who have completed neither of the courses 2.011 Pure Mathematics II nor 2.012 Applied Mathematics II Hons.)

A course of 90 lectures and 54 hours of tutorial classes comprising the following parts of the courses 2.011 Pure Mathematics II and 2.012 Applied Mathematics II.

Vector calculus, differential equations, Fourier series and complex variables, matrix theory and applications.'

2.042 Physics II **8 units**
(Core course for the degree in Electrical Engineering and an alternative core course for the degree in Aeronautical Engineering.)

For details see under Faculty of Science.

2.053 Chemistry IIE **6 units**
(Core course for the degree in Chemical Engineering for candidates who have not completed either 2.052 Chemistry II or 2.055 Chemistry II Long.)

A course of lectures the same as for the course Chemistry II (Normal)—for details see under the Faculty of Science. Nine laboratory classes in inorganic chemistry (3 hours each) and physical chemistry (3 hours each) and six laboratory classes in organic chemistry (3 hours each).

2.063 Engineering Geology 'A' **2 units**
(Core course for the degrees in Civil and Mining Engineering for candidates who have not completed the course 1.061 Geology I.)

A course of two lectures and one 3-hour laboratory class each week during Lent term provided by the Department of Geology and Geophysics.

An introduction to minerals, rocks and soils, their mode of occurrence, formation and significance. A general introduction to physical geology and geomorphology. Associated laboratory work on minerals, rocks and maps. Field excursions in the Sydney region.

2.064 Engineering Geology 'B' **3 units**
(Core course for the degrees in Civil and Mining Engineering for candidates who have not completed the course 2.062 Geology II.)

A course of two lectures and one 3-hour tutorial and laboratory class each week in Trinity and Michaelmas terms. Provided by the Department of Geology and Geophysics.

(i) Trinity term—structural geology and tectonics, seismology, hydrogeology, techniques for evaluating geological conditions; (ii) Michaelmas term—rock mass behaviour and evaluation, clays, natural materials for construction purposes.

The laboratory sessions will be divided between mapping, photo interpretation, stereographic projection methods in structural geology, exploration geophysics and case histories of engineering projects. Several field excursions are included in this course.

2.122 Structural Design I **2 units**
(Core course for the degrees in Civil and Mining Engineering.)

A course of 27 lectures and nine 3-hour design classes held in Michaelmas term.

(i) Concrete Structures:

Behaviour, analysis and design of simple elements in reinforced concrete.

(ii) Steel Structures:

Permissible stresses. Design of simple beams. Grid layout. Design of laterally unsupported beams. Design of built-up beams. Design of bolted and welded joints.

(iii) Structural concepts:

Elementary concepts of structural form. Technology associated with structural concrete and steel.

2.123 Structures I **3 units**
(Core course for the degree in Civil Engineering and may be taken as an alternative to the course 2.171 Mechanics of Solids I by candidates for the degrees in Mining, Mechanical and Chemical Engineering.)

A course of 27 lectures and 58 hours of tutorial classes.

Introduction, statics, stress resultants, influence lines, plane triangulated frames, elementary elasticity, geometrical properties of areas, flexural stresses in beams, shear stresses in beams, uniform torsion, deflections due to bending, elementary instability.

2.144 Applied Thermodynamics **2 units**
(Core course for the degrees in Aeronautical and Mechanical Engineering.)

A course of 27 lectures and 27 hours of laboratory and tutorial classes.

Concepts, models, laws, dimensions, units.

Energy and the First Law, work modes, heat, internal energy, control mass analysis, control volume analysis, the First Law for chemical reactions.

Properties and state, the state postulate.

States of simple substances.

Energy analysis of engineering thermodynamic systems.

Heat engines, Carnot engines, the Second Law, thermodynamic temperature.

Macroscopic evaluation of entropy, irreversible processes, Second Law analysis for control mass and control volume.

The thermodynamics of state, including property relations and equations of state for dense gases, liquids, and magnetic substance.

Characteristics of thermal power and direct-energy-conversion systems.

2.145 Fluid Mechanics I **2 units**
(Core course for the degrees in Mechanical and Aeronautical Engineering.)

A course of 27 lectures and 27 hours of laboratory and tutorial classes.

Occurrence of fluid motion in the atmosphere, oceans, rivers and technology. Fluid properties and definitions. Dimensional analysis and similitude. Fluid statics. Conservation of mass in engineering situations. Momentum principle and applications. Bernoulli equation and applications. Effects of viscosity; resistance to flow in pipes and conduits. Fluid measurement. Elements of turbo-machinery.

2.146 Engineering Mechanics II **2 units**
(Core course for the degrees in Mechanical and Aeronautical Engineering and core course for the degree in Civil Engineering unless the course 1.041 Physics I is, or both of the courses 1.022 Mechanics IE and 1.040 Physics IE are, completed.)

A course of 27 lectures and 27 hours of tutorials and laboratory work.

Newton's laws: Description of Dynamic problems and free body diagrams. Kinetics of Particles: Equations of motion, work and energy, impulse and momentum, moving axis problems. Kinematics and Kinetics of Rigid Bodies: Kinematics of system of rigid bodies, mass and mass moment of inertia, translation, rotation and general planar motion. Engineering Applications: Vibration; Linear system equations and steady state response. Dynamics of Non-Rigid Systems; Steady flow and variable mass flow systems. Wave propagation.

2.147 Mechanical Design I **2 units**
(Core course for the degree in Mechanical Engineering.)

A course of 54 hours of design and drawing office practice.

The design process; creative solutions to engineering problems; basic design of engineering elements, including bolts and other fasteners, shafts, bearings and transmission elements; conceptual design by way of several minor tasks; one major design task requiring both concept and detail of a market-oriented product.

2.152 Applied Electricity **2 units**
(Core course for the degrees in Mining, Mechanical and Chemical Engineering unless the course 2.153 Introductory Electrical Engineering is completed, and core course for the degree in Aeronautical Engineering unless the course 2.042 Physics II is completed.)

A course of 27 lectures and 27 hours of laboratory and tutorial classes.

Introduction to generation, transmission and distribution; electrical safety, 3-phase circuits; magnetic circuits; transformers; d.c. machines; induction machines.

Semi-conductor diodes; p-n junction; 2-port devices; transistor characteristics and equivalent circuits; simple amplifiers.

2.153 Introductory Electrical Engineering **4 units**
(Core course for the degree in Electrical Engineering and may be taken as an alternative to 2.152 Applied Electricity.)

A course of 54 lectures and 54 hours of laboratory and tutorial classes.

Analysis of the steady-state and transient behaviour of electrical circuits using classical methods, phasor techniques and the Laplace transform. Instrumentation and laboratory techniques for circuit measurements. Introduction to generation, transmission and distribution of electrical power; polyphase systems; rotating electrical machines and transformers. Introduction to semiconductor components; simple rectifier and amplifier circuits. Digital logic; number

systems and binary arithmetic; counters and shift registers.

2.164 Chemical Engineering II **4 units**
(Core course for the degree in Chemical Engineering.)

A course of 54 lectures and 54 hours of laboratory and tutorial classes.

An integrated introductory treatment of the transport of momentum, heat, and mass. Topics include: introduction to mathematical model development, concept of steady and unsteady-state; momentum transfer, flow measurement, pipe networks; heat transfer by conduction and convection, heat exchangers; mass transfer by diffusion and convection, inter-phase mass transfer; simple analogies between momentum, heat and mass transfer.

2.171 Mechanics of Solids I **2 units**
(Core course for the degrees in Mining, Mechanical, Chemical and Aeronautical Engineering for candidates who have not completed the course 2.123 Structures I.)

A course of 27 lectures and 27 hours of tutorial classes.

The material covered is the same as in the course 2.123 Structures I but less time is given to tutorial classes.

Elective courses provided by other faculties

For details see under appropriate faculty heading.

Arts:
2.004 Psychology II—8 units.

Economics:
2.073 Economics II—8 units.

Science:
2.012 Mathematical Methods II—4 units.
2.016 Differential Equations—2 units.
2.017 Matrix Theory and Applications II—1 unit.
2.019 Matrix Theory and Applications III—1 unit.
2.020 Combined Mathematics II—12 units.
2.021 Applied Mathematics II—8 units.
2.031 Mathematical Statistics II—8 units.
2.033 Statistical Methods—4 units.
2.048 Computer Science II—8 units.
2.052 Chemistry II—8 units (an alternative to the core course 2.053 Chemistry IIE).
2.055 Chemistry II Long—10 units (an alternative to the course 2.053 Chemistry IIE).
2.059 Chemistry II Auxiliary (Organic-Physical)—4 units.
2.062 Geology II—8 units (an alternative to the core course 2.064 Engineering Geology 'B' for the degrees in Civil and Mining Engineering).
2.066 Geography II—8 units.
2.069 Geology II Long—10 units (an alternative to Geology II).
2.085 Perspectives on Science and Technology—4 units.
2.091 Biochemistry I—8 units.
2.092 Biochemistry I Auxiliary—4 units.
2.094 Physiology I—8 units.

Senior and Senior Advanced courses

These courses may be taken in the third or later years of enrolment provided the prerequisite courses as prescribed in the Resolutions of the Senate have been completed.

Details of the prescribed core courses for each branch of engineering are given below. For details of the elective courses, reference should be made to the Faculty of Engineering handbook which can be purchased from the Registrar.

CIVIL ENGINEERING

(Refer to Table II of the Senate Resolutions.)

3.027 Numerical Methods **1 unit**
A course of 18 lectures and 9 tutorials provided by the Department of Applied Mathematics.

Numerical analysis and matrix methods; solution of algebraic and differential equations; approximation theory; numerical quadrative; solution of simultaneous linear equations; calculation of matrix eigenvalues.

3.215 Materials II **3 units**
A course of 45 lectures and 36 hours of tutorial and laboratory work.

(a) *Metallic Materials*

Elastic behaviour of metals. Theoretical strength. Practical strength and defect content. Plasticity. Brittle fracture, fatigue and creep. Structural steels. Other structural metals. Welding. Hydrogen in steel. Residual stresses. Lamella tearing. Corrosion.

(b) *Concrete*

Aggregates. Portland cement minerals and types. Hydration of portland cement. Admixtures. Properties of hardened concrete: strength and elasticity, creep and shrinkage, volume changes, environmental resistance. Quality control and statistics. Special concretes.

(c) *Organic Materials*

Structure and chemical composition of organics used in Civil Engineering. Desired properties for structural use. Epoxies, plastics and paints.

3.231 Structural Analysis I **3 units**
A course of 36 lectures and 42 hours of laboratory and tutorial classes.

Introduction, trusses, beams, slope deflection method, moment distribution method, influence lines, continuum mechanics.

3.233 Structural Behaviour I **3 units**
A course of 36 lectures and 57 hours of laboratory and tutorial classes.

(a) *Steel Structures* (18)

Introduction, elastic beams, plastic beams, design of beams, compression members, lateral buckling of beams, in-plane behaviour of beam-columns, lateral buckling of beam-columns, biaxial bending of beam-columns.

(b) *Concrete Structures* (18)

Introduction, strength of flexural members, deflection of structural members, cracking and serviceability, shear strength, reinforcement detailing, combined bending and axial load.

3.241 Soil Mechanics I **3 units**
A course of 27 lectures and 54 hours of laboratory and tutorial classes.

Soil structure and classification (5). Consolidation theory (3). Settlement analysis (4). Shear strength (3). Stability of slopes (3). Earth pressure (3). Ultimate bearing capacity (2). Steady seepage (4).

3.250 Surveying I **2 units**
A course of 18 lectures and 6 hours of tutorial classes with 36 hours of fieldwork.

Introduction to the analysis of instrumental personal and environmental sources of error in measure-

ments and to the design procedures which will reduce or eliminate the effect of these errors. Essential geometry for measurement of horizontal and vertical angles with a theodolite. Errors of length measurement with special reference to chaining with a steel band. Errors of levelling. Design of a small topographic survey to a given precision. Sources of error in distance, in height measurements by stadia diagram and tangent tacheometry.

3.261 Hydraulics I **3 units**
A course of 27 lectures and 68 hours of laboratory and tutorial classes.

General equations of motion and their solution. Stability of floating vessels. Flow similitude and models. One dimensional flow principles. Flow measurements. Viscous and turbulent flow. Resistance to flow of fluids. Flow in closed conduits. Open channel flow.

3.274 Principles of Transportation **1 unit**
A course of 27 lectures
(a) Transport principles
(b) Road engineering
(c) Planning

3.280 Applied Statistics **2 units**
A course of 36 lectures and 18 hours of tutorial classes.

Variance and covariance of functions of random variables; estimates from samples; applications of statistical methods to measurements and to materials tests.

3.291 Structural Design II **2 units**
A course of 54 hours of drawing office work with lectures as required during the drawing office sessions.

The use in design of conventional safety and serviceability checks applied to structural members and systems, prismatic structural members of steel, concrete and timber.

4.217 Materials III **2 units**
A course of 36 lectures and 18 hours of tutorial and laboratory work.

Mathematical models of engineering materials for creep and failure. Fracture mechanics and applications. Design for fatigue. Behaviour of concrete in structures: creep and shrinkage, thermal effects, interaction with masonry, reinforcement and corrosion, durability in marine and industrial conditions. Offshore structures. Structures in fire. Metals in nuclear engineering. Specifications and codes of practice. Non-destructive testing and the analysis of structural failures.

4.235 Structural Analysis II **2 units**
A course of 18 lectures and 27 hours of laboratory and tutorial classes.

The matrix displacement method: statical indeterminacy, degrees of freedom, plane and space trusses, rigid-jointed frames, lack of fit, temperature effects, computer analysis and verification of output.

Strain energy methods for trusses and frames: Castigliano's theorems. Calculation of deflections and redundancies by method of virtual work: Analysis of redundant trusses and frames, arches including effect of rib shortening, rings, bow girders and grids.

4.237 Structural Behaviour II **2 units**
A course of 36 lectures and 36 hours of laboratory and tutorial classes.

(a) *Steel and Composite Structures* (18)
Local buckling of compression flanges and webs, plastic analysis and design of frames, non-linear analysis and behaviour of frames, frame buckling, composite structures.
(b) *Concrete Structures* (18)
Members in elementary frames, prestressed concrete, reinforced and prestressed slabs.

4.245 Soil Mechanics II **2 units**
A course of 18 lectures and 36 hours of laboratory and tutorial classes.

Site investigation. Field measurements. Stability of slopes and earth dams. Earth pressure and rigid and flexible walls. Foundation bearing capacity. Foundation engineering. Failure theories for soils and rocks.

4.253 Surveying II **2 units**
A course of 18 lectures, 36 hours of fieldwork and a survey camp of 2 weeks' duration.

The course considers the basic principles underlying the design of indirect measurements in particular applications. Topics are chosen from field astronomy, electronic distance measurement, precision of fix, map projections, tacheometry.

4.265 Hydraulics II **2 units**
A course of 18 lectures and 54 hours of laboratory and tutorial classes.

Open channel flow. Pipe networks. Hydro and aerofoils, turbo-machinery. Compressible flow. Water-hammer, Drainage design. Surface waves. Hydraulic structures.

4.275 Civil Engineering Option **6 units**
A course of 54 lectures and approximately 100 hours of tutorial and laboratory classes.

Each student chooses one of a number of groups of options which include courses in structures, steel and concrete structures, geotechnical engineering, rock mechanics, hydraulics, planning and management, construction.

4.293 Civil Engineering Design **4 units**
A course of 27 lectures and 81 hours of drawing office work.

The design cycle of problem definition, value and criteria, selection, generation of proposals, analysis of proposals, selection of design, development of details of a particular design selected. Feasibility studies and a design project will be carried out.

4.295 Thesis **2 units**
A study in groups of two or three candidates of a selected topic in Civil Engineering and the submission of a written thesis for assessment by the supervisor.

MINING ENGINEERING

(Refer to Table III of the Senate Resolutions.)

3.060 Mining Geology I **2 units**
A course provided by the Department of Geology and Geophysics. Approximately 54 hours of lectures and laboratory work. Physical conditions of rock deformation; description, classification and origin of structures of deformed rocks; derivation of structural chronology in metamorphosed orogenic belts; map construction and interpretation; structural sections,

block diagrams and projections; geological maps and aerial photographs.

3.241 Soil Mechanics I **3 units**
For details see under Civil Engineering.

3.250 Surveying I **2 units**
For details see under Civil Engineering.

3.261 Hydraulics I **3 units**
For details see under Civil Engineering.

3.280 Applied Statistics **2 units**
For details see under Civil Engineering.

3.300 Mining Engineering I **2 units**
A course of approximately 60 lectures and mine inspections.

Historical and economic introduction. Types of mineral deposits, distribution and availability. Prospecting and exploration. Basic mining cycle. Development for underground and surface mining. Production drilling, explosives and blasting techniques. Underground metalliferous and coal mining methods. Surface mining, alluvial, quarry, strip and open cut. Non-entry mining methods.

3.303 Mining and Mineral Economics I **1 unit**
A course of approximately 25 lectures.

The industry framework for the practising engineer in the mining and minerals industry. The mining and minerals industry in Australia and in the world. The relationship between mining and industrial mineral and metal production. Environmental issues. Australian mineral policy. Australian energy resources.

3.304 Mining Engineering II **3 units**
A course of approximately 80 lectures and associated laboratory classes. Field trip during May vacation.

Mechanics of rock penetration. Components of a drilling system. Percussive, rotary, diamond, thermal, fluid and sonic drilling. Exploratory and production drilling techniques. Full face boring machines and their applications to tunnelling and shaft sinking.

Theories of rock failure. Classification of explosives and their application. Mechanics of rock breakage. Blasting patterns, charge calculations. Special blasting techniques including smooth blasting, presplitting, profiling, trenching and demolition. Ground vibrations.

Transportation of ore, waste, supplies and men. Mechanics of hoisting, winding cycle diagrams, calculations. Surface and underground haulage systems. Belt conveyors, track and trackless systems, hydraulic and pneumatic methods.

3.509 Electrical Power and Machinery **1 unit**
A course of 18 lectures with associated tutorial work.

Theory and application of electrical machinery, including d.c. machines and induction machines; industrial utilisation of electrical energy, including: the fault ratings of fuses, circuit breakers, and busbars; simple fault calculations; electrical safety; tariffs; economy of choice of plant; thermal behaviour of electrical plant, overload capacity; type and rating of motors for use with fluctuating loads.

3.690 Particle and Fluid Systems **3 units**
For details see under Chemical Engineering.

4.067 Mining Geology 2 **2 units**
A course provided by the Department of Geology and Geophysics. About 54 hours of lectures and laboratory work.

Geology of fuels including physical and chemical constitution of coal; type and rank variation; nature and environments of formation of coal seams; origin, migration and accumulation of petroleum; exploration methods.

4.070 Mining Geology 3 **2 units**
A course provided by the Department of Geology and Geophysics. About 54 hours of lectures and laboratory work.

Mineral deposits including introduction to the geology of metalliferous and non-metalliferous deposits; theory of reflected-light optics; study of opaque minerals in hand specimen and under the microscope.

4.080 Mining Geology 4 **2 units**
A course provided by the Department of Geology and Geophysics. About 54 hours of lectures and laboratory work.

Principles and practice of electrical, electromagnetic, induced polarisation, magnetic, gravity, radiometric and borehole methods, applied to exploration and delineation of ore bodies.

4.256 Mine Surveying **3 units**
A course of 27 lectures, 54 hours of field work and a survey camp of one week's duration.

The basic principles underlying the design of indirect measurements in particular applications. Topics covered will be chosen from field astronomy, electronic distance measurement, resection, geodesy, underground surveys.

4.302 Mining Engineering Practice **6 units**
A course of about 135 hours of lectures, laboratory work and field inspections.

An extension of the subjects dealt with in the course 3.304 Mining Engineering II. Stress and failure in rock about excavations. Rock-bursts, gas outbursts and control. Protection of main haulage ways. Surface subsidence control. Caving methods. Tunnelling. Illumination and photometry. Spontaneous combustion; inflammability of coal dusts. Mechanisation and transport. Pumping and drainage. Environmental control and mine hygiene. Mine rescue, accidents and safety. Mine maps, sampling and ore reserves. Mine examination and ethics. Mining accounts and finance, organisation and management. Incentives. Analysis of topical problems and current research.

4.305 Thesis **3 units**
A study in groups of two or three candidates of a selected topic in Mining Engineering and the submission of a written thesis for assessment by the supervisor.

4.307 Mining and Mineral Economics II **2 units**
A course of about 60 lectures and tutorials.

Introduction to mineral economics, economic evaluation techniques including cash flow, payback period, time value, discounted cash flow methods, taxation and its effects, equipment replacement alternatives. The evaluation of the economics of mine and processing developments in the minerals industry. The effect of inflation and other uncertainties in the optimisation of development schemes. Decision-making theory applied to the mining industry. Feasibility studies of recent and prospective operations.

4.629 Mineral Processing (mineral dressing) 2 units
A course of 27 lectures and 27 hours of tutorial laboratory work.

Mineralogy as related to mineral benefication; processing unit operations—comminution, concentration, heavy media separation, jigging, magnetic and electrostatic separation, tabling and film concentrators, flotation.

MECHANICAL ENGINEERING

(Refer to Table IV of the Senate Resolutions.)

3.024 Mechanical Engineering Mathematics III 2 units
A course of 36 lectures and 18 tutorials.

Solution of non-linear equations. Numerical integration. Interpolation. Numerical solution of differential equations. Solution of systems of linear equations. Calculation of matrix eigenvalues.

Statistical methods covered from an applied point of view. Description of sample measurements. Elementary probability. Random variables, probability distributions, expectation. The normal distribution. Statistical inference, estimation, significance tests, tests of goodness of fit. Regression and correlation. Analysis of variance for replicated experiments and randomised block designs.

3.422 Thermo-Fluid Engineering 4 units
A course of 54 lectures with associated tutorials and laboratory classes.

Review of one-dimensional fluid flow principles. Compressible one-dimensional flows with friction and heat transfer. Normal shock waves. Kinematics of more complex flows. Dynamical equations for viscous fluids. Laminar and turbulent flows. The role of the Reynolds number. Lubrication theory. Laminar flows in the intermediate Reynolds number range. The Blasius solution for the boundary layer on the flat plate. Turbulent boundary layers. The external flow at very high Reynolds numbers. Elements of potential flow theory. Heat transfer by conduction. The energy equation. Similitude elements of convective heat transfer. Reynolds analogy and empirical relations. Thermodynamics: First and Second Law, analysis of control mass and control volume systems, properties, availability; analysis of component processes; gas mixtures including psychometry; combustion, fuel cells; power and refrigeration cycles; applications to engines.

3.435 Mechanics and Properties of Solids 4 units
A course of 54 lectures with associated tutorials and laboratory work.

Concepts: Stress and Strain, Linear elasticity. Thermal strains. Plastic deformation. Examples in axisymmetric systems: Thin shells. Thick walled cylinders, interference fits, auto-frettage. Rotating discs. Circular plates. Introduction to structural analysis and energy methods. The nature of metals, ceramics, glasses, polymers and composite materials. The failure of materials by fracture, fatigue, creep corrosion and oxidation.

3.444 Mechanical Systems 4 units
A course of 54 lectures with associated tutorials and laboratory work.

Equations of motion for single-degree-of-freedom systems; vibration isolation and measurement; frequency response. Solution by Laplace transforms; transfer functions; Fourier series and transforms. Nonlinear damping. Multi-degree-of-freedom systems; matrix formulation; influence coefficients; transfer matrices; model analysis. Continuous systems. Rayleigh's method. Modelling and block diagrams. Performance and stability criteria. Linear system design via frequency response, root locus and computers. Pole polodes, inflexion circle; Kennedy's theorem of three poles with mention only of its spatial analogue; relative velocity, velocity difference, and velocity polygons for plane and spatial mechanism; *inversion; distortion; expansion; kinematic chains*, kinds of joints, Kutzbach criterion and its application in machine designs; geometrical specialities and flexible links, geometric design; input-output relations in a linkage, Freudenstein's equation, precision point synthesis, function generation; the planar guidance problem for three finitely separate positions; dead-point construction; spur gear geometry, contact ratio, interference.

3.461 Industrial Organisation, Finance and Hazards 2 units
A course of 36 lectures and associated tutorials.

(a) *Industrial Organisation:* Characteristics of the small business and discussion of its problems. Economic aspects of production and marketing. Some basic economic concepts—market and market price, production theory, cost theory. Break-even analysis. Industrial development. Basic industrial and commercial structures and their formation, industrial location, equipment selection, plant layout, industrial buildings.

(b) *Industrial Finance:* Basic elements of the supply, recording and control of business finance, financial statements; budgeting; taxation; investment analysis; sources of finance.

(c) *Industrial Hazards:*

(i) Recognition of hazards presented by chemical and physical agents: nature, mode of entry and effects of toxic substances; adverse effects of noise, work physiology and thermal stress.

(ii) Evaluation of hazards: survey design, hygienic standards and interpretation of results.

(iii) Principles of hazard control: industrial ventilation, personal protection equipment, safety organisation and the prevention of industrial accidents, stress in the workplace.

3.471 Mechanical Design II 3 units
A course of 18 lectures and 54 hours of drawing office work.

Welded joints, screws and preloaded bolted joints, shaft design and coupling for torque transmission. Belt and chain drives, rolling bearings, conveyors, springs, brakes and clutches and hydrodynamic bearings. Spur gears, tolerances and fits, and finally principles and methods of design.

3.481 Production Technology 2 units
A course of 27 lectures with associated tutorials, practical sessions, and industrial visits.

Measures of productivity. Methods of improving productivity in low, medium and high volume production. Learning curves. Kanban and Nagare (the Japanese minimum inventory and flow line systems) and other such concepts.

Several manufacturing processes will be considered from the points of view of: fundamentals of the process involved, limitations on the production rates and runs and product quality, general purpose and special-

ised machinery, automation, numerical control and computer-aided manufacture. Processes considered include: machining, casting, powder metallurgy, metal working, welding, cutting, polymer processing, bending and composite manufacture.

Metrology: standards, gauges, comparators, angle measurement, calibration.

3.906 Electrical Technology **2 units**

A course of 36 lectures with associated tutorials and laboratory work.

Phasors, three phase a.c. circuits, reactive power, thyristors, transformers, a.c. and d.c. motors, fault calculation, thermal ratings, tariffs, electrical safety.

Digital electronics: gates, flip-flops, simple counting circuits, frequency response, feedback, integrated amplifiers, applications of operational amplifiers. Circuits and devices: oscillators, filters, A/D converters, multivibrators. Students will be required to make up a circuit from applications notes.

4.474 Mechanical Design III **2 units**

A course of 18 lectures and 27 hours of drawing office practice.

Design project rationalisation and design methods. Operator safety. Hydrodynamic and static bearings. Also short lectures are given on subjects selected from the following: frictional machine elements; engineering value analysis; rubber springs; machine wear; lubrication and safety; thermal stresses and thermal fatigue.

Students are required to submit written argument, calculations and drawings for a number of design projects during the course.

4.485 Thesis or Design Project **6 units**

Under the supervision of a member of the staff each candidate is required to complete a research or design project chosen from a list of suggested topics.

Some or all of the theoretical, developmental, and experimental aspects of research or design work are expected in a thesis. These aspects may be either directed by the supervisor or of a partly original nature, but in any event the student is directly responsible to his or her supervisor for the execution of his practical work and the general layout of the thesis itself.

Theses should be typewritten—with text, diagrams, graphs, photographs, etc., properly displayed—and at least one copy should be submitted, permanently bound between hard covers for the departmental library, on or before the due date which is usually the last day of November. Students are responsible for supplying their own paper, typewriting, diagrams, and binding, but in certain circumstances assistance may be given with the more difficult problems of photography, diagram-duplication, etc.

4.488 Professional Communications **1 unit**

(a) *Professional Reporting:* A major detailed report is written on the period of industrial experience required under Resolution 8(a)(iv), and submitted early in Lent term. The report is assessed on content and presentation in accordance with details distributed in course 3.461 during the previous Michaelmas term.

(b) *Seminar Presentation:* During the latter part of the year one or two whole days are set aside for the presentation of student-seminars at a public conference. Each final-year student, usually in consultation with his or her thesis supervisor, prepares an abstract of the seminar for distribution one week in advance of the conference. Although it is not obligatory, the subject for the seminar is normally closely related to the student's thesis work, thus it tends to deal in depth with some relatively narrow technical field. At the conference (where the audience comprises senior, senior advanced and postgraduate students, departmental staff and visitors) oral presentation of the thesis is followed by critical discussion under formal chairmanship.

Elective courses

Students also take 14 units of elective courses chosen from one of the following specialised areas.

(i) Thermal engineering
(ii) Fluids engineering
(iii) Transportation engineering
(iv) Materials engineering
(v) Introduction to continuum mechanics
(vi) Machinery engineering
(vii) Industrial engineering
(viii) Environmental engineering

Details of these courses are given in the Faculty of Engineering Handbook.

ELECTRICAL ENGINEERING

(Refer to Table V of the Senate Resolutions.)

3.032 Statistics **1 unit**

A course of 18 lectures and 9 hours of tutorial classes provided by the Department of Mathematical Statistics.

Statistical methods; probability and probability distributions; statistical inference; regression and correlation.

3.507 Circuits, Fields and Systems I **6 units**

A course of 80 lectures and 80 hours of laboratory and tutorial classes.

Lumped element networks, mesh and node analysis, forced and transient responses; complex frequency, Fourier and Laplace transforms and interrelations, Laplace transform models, mutually coupled circuits; Two-port networks, driving point and transfer immittances, poles and zeros, frequency response, magnitude and phase, impulse response, time-frequency relationships, causality; Feedback with linear systems, stability criteria (Routh-Hurwitz, Nyquist, root locus, Nichols charts).

Simplifications of Maxwell's equations for applications to fields at different frequencies for practical boundary conditions; types of electromagnetic fields and their respective boundary requirements.

Travelling waves on transmission lines; specific case of steady-state sinusoidal excitation with arbitrary terminations; development and applications of transmission line charts.

3.515 Electronics **6 units**

A course of 60 lectures, 20 hours of tutorial and 80 hours of laboratory classes.

Device properties and models—diode, BJT, FET, thyristors. Single- and multi-device circuits and configurations for linear and digital applications. Frequency response and feedback.

Operational amplifiers and their application. Oscillators, modulators and demodulators. Power supplies and power supply regulators. Simple thyristor circuits. Digital electronics.

Electronic system specifications. Electronic analysis and design techniques, layout problems, earthing and bypassing. Efficient use of computer aided analysis and design techniques.

3.516 Power Apparatus and Systems **6 units**
A course of 80 lectures and 80 hours of laboratory and tutorial classes.

Three phase circuits. Magnetic properties of materials; a.c. excitation of iron circuits. Single phase and polyphase power transformers: analysis, equivalent circuits, per unit systems; construction, simple design considerations. Other types of transformers including autotransformers, current transformers, pulse transformers. Introduction to electromechanical energy conversion and dynamic circuit analysis. The idealised a.c. machine. Construction, principles of operation and analysis of polyphase induction and synchronous machines.

Construction and principles of operation of d.c. machines; separately and self-excited generators; series, shunt and compound motors. Stopping, starting and speed control of electrical motors. Fractional horsepower motors. Factors in motor selection; ratings and protection; design considerations. Introduction to generalised machine concepts. Control of electric power: single phase a.c. control, three phase rectifiers and converters. Harmonics: source, instrumentation, effects on communication circuits and loads; standards.

Power systems: Calculation of transmission line parameters; steady state operation of a transmission link, circle diagrams; application to typical networks, the load flow problem: voltage control, load characteristics, voltage instability; overvoltages and overcurrents in power systems, power system stability. Energy: availability, conversion and utilisation; generation planning; alternatives for bulk power generation, primary fuels, MHD, nuclear power.

3.517 Electrical Engineering Physics **2 units**
A course of 36 lectures and 18 hours of tutorial classes.

Revision of the PN junction with respect to energy band diagrams, and the derivation of the diode equation. Schottky junctions, tunnelling, breakdown and optimal effects. The bipolar junction transistor as a charge controlled device. Derivation of the Ebers-Moll equations. The field-effect transistor; saturation and resistive region properties, short channel effects.

Kinetic theory of gases. Free paths of molecules and electrons; collision processes; ionisation potentials, charge transfer, recombination. Mobility, diffusion and conduction. Plasma properties; Debye length; ionisation and breakdown; glow and arc discharges.

3.518 Digital Systems I **2 units**
A course of 27 lectures and 27 hours of laboratory and tutorial classes.

Analysis and design of clocked sequential circuits; arithmetic circuits; functions and applications of medium-scale integrated circuits.

Digital computer organisation; characteristics of minicomputers and microprocessors.

Assembly language programming for a microprocessor. Introduction to techniques for the development of microprocessor based systems.

3.519 Numerical Techniques **1 unit**
A course of 18 lectures and 9 hours of tutorial classes.

Finite differences. Detection of errors. Interpolation. Zeros of functions. Numerical integration. Numerical solution of differential equations. Solution of systems of linear equations. Calculation of matrix eigenvalues.

4.512 Communications and Electronics **3 units**
A course of 54 lectures and 27 hours of tutorial classes.

Amplifiers, mixers, integrated circuits, digital circuits, circuit optimisation, processing circuits, phase locked loops, transducers.

Modulation, information theory, noise, coding, communication systems.

4.531 Circuits Fields and Systems II **3 units**
A course of 45 lectures and 45 hours of tutorial classes.

State variables, controllability, observability; analysis of multiport networks.

Discrete signals, discrete Fourier transforms, z-transform; signals of a random nature, correlation techniques; filters, digital signal processing.

Waveguides, microwave circuits, scattering parameters; radiation, properties of antennas.

4.533 Power and Energy Conversion **2 units**
A course of 36 lectures and 18 hours of tutorial classes.

Faults, grounding, behaviour and coordination of circuit breakers and fuses; power electronic devices and circuits; illumination, colour and lamps.

Energy alternatives, processes, calorics; batteries and cells; irreversible processes, thermo-electricity, solar energy, nuclear power.

4.534 Digital Systems II **2 units**
A course of 36 lectures and 18 hours of tutorial classes.

Design of digital systems for high speed arithmetic operations in fixed-point and floating-point formats; use of hardware description languages and logic simulation techniques.

Use of computers for real-time data acquisition and control; interfacing techniques; analysis of computer control systems using sampled data theory. Design of microprocessor based systems; hardware and software aspects; development systems; reliability; introduction to fault tolerance.

4.535 Control **1 unit**
A course of 18 lectures and 9 hours of tutorial classes.

State-variable approach, cases of nonlinear, time varying and/or distributed systems.

Nonlinear characteristics, parameter identification, simulation. Describing functions, phase-plane analysis, bang-bang systems, stability.

Sampled-data systems, stability.

4.536 Laboratory **5 units**
A general advanced laboratory course of about 180 hours' duration in which students complete a prescribed number of experiments in each of Power, Control, Electronics, Communications and Digital Systems.

4.537 Electrical Engineering Practice **2 units**
A course of 36 lectures and 18 hours of tutorial classes covering practical topics of current interest in professional electrical engineering. The syllabus may vary from year to year but will include topics such as overall design of equipment and systems, production techniques, the management of an engineering project, and technical writing.

4.540 Thesis **5 units**
Students undertake about 150 hours of formal library research and laboratory work. The library research is directed towards the preparation of a critical review on an approved topic while the laboratory work will require participation in an extended experimental investigation, on a topic of current interest to the school.

CHEMICAL ENGINEERING

(Refer to Table VI of the Senate Resolutions.)

3.028 Numerical Methods and Applications 2 units
A course of 27 lectures and 27 tutorials provided by the Department of Applied Mathematics.

The course content includes all the topics in 3.027 Numerical Methods (see under Civil Engineering) expanded to cover specific applications to engineering problems, use of FORTRAN and the university computer system.

3.096 Microbiology 4 units
A course of 45 lectures and 63 hours of laboratory work. (Alternative to the courses 3.028, 3.612 and 3.613 for students taking the Biochemical option.)

History of Microbiology. Methods and techniques for studying microorganisms. Characteristics of the main group of microorganisms; protozoa, algae, bacteria, yeast, fungi and viruses. Physiology and growth of microorganisms. Variation. Ecology. Antagonism and symbiosis. Applications in dairy, food, industrial, soil and medical microbiology.

3.601 Unit Operations I 6 units
A course of 90 lectures and 80 hours of tutorial classes.
Mass Transfer
Introduction to two-phase mass transfer processes. Equilibrium-controlled processes and stage-wise contacting equipment, binary distillation. Rate controlled processes and continuous contracting equipment. Application of equilibrium and rate-controlled calculation techniques to, and selection of equipment for: gas absorption, liquid-liquid extraction, and drying. Economic considerations.
Heat Transfer
Steady-state conduction in various co-ordinate systems. Convection-thermal boundary layer. Relation between fluid friction and heat transfer. Turbulent and laminar flow heat transfer. Empirical and practical relations for forced convection heat transfer-flow across tube banks, cylinders and spheres. Design of heat transfer equipment, including exchangers, condensers, boilers, evaporators. Optimal heat exchanger network synthesis. Condensation and boiling heat transfer-film and dropwise condensation. Nusselt's equation. Pool boiling—nucleate and film boiling. Application to design and selection of shell and tube heat exchangers, condensers, evaporators and reboilers.

Radiation-properties, black and non-black body radiation. Shape factors, gas radiation. Radiation heat transfer coefficient. Real surface behaviour.
Particle Mechanics
Introduction to particulate systems, particle size and shape parameters, size distributions and statistical properties, test sieve analysis. Screening, particle-screen mechanics, efficiency of screening. Size reduction, energy requirements, classical laws, product size distribution. Leaching, ternary systems, batch, multiple and counter-current contacting, ideal stage, rate of approach of equilibrium. Crystallisation, Miers diagram, nucleation, crystal product size distribution. Motion of a particle in a fluid, terminal velocity, hindered settling. Phase separations, classification, elutriation, thickening, gas and liquid cyclones, centrifuging. Methods of sub-sieve sizing including sedimentation, photo-extinction, direct counting and gas adsorption methods. Motion of fluids in particle beds, two phase flow in packings, filtration, batch and rotary filters, fluidisation concept.
Fluid Mechanics
Pumps: theory of centrifugal pumps from momentum equation; head-capacity characteristics; stability; dimensional arguments for general pump characteristics. Compressible flow; solution of flow equations for flow in pipes using isothermal and adiabatic flow assumptions. Choking in compressible flow. Two phase flow: two phase flow regimes; models of two phase flow. Boundary layer theory.

3.608 Statistical Methods 2 units
A course of 27 lectures and 27 hours of tutorial classes.

Probability, random variables; distributions and functions. Statistical inference; hypothesis tests; estimation theory. Simple and multiple linear regression. Analysis of variance. Factorial experiments and experimental design. Control charts; sampling and specifications; sequential testing. Applications to the chemical process industries.

3.610 Instrumental Methods of Analysis 1 unit
A course of 27 lectures and 12 hours of laboratory work.

A broad coverage of modern instrumental techniques of analysis and separation: spectroscopy, radioisotope techniques, electrochemical methods, chemical separation techniques, X-ray methods, electron probe analysis, mass spectrometry.

3.602 Thermodynamics and Kinetics 4 units
A course of 54 lectures and 27 hours of tutorial classes.

First and Second Law applications; energy equations for steady flow and transients in process systems; thermochemistry; compressible flow; heat engines; liquefaction processes; availability; isentropic and polytropic efficiencies for compression and turbines.

P-V-T relationships for real gases and gas mixtures; relationships between thermodynamic properties; determination of thermodynamic properties—charts, tables and computer programs.

Gibbs free energy as a criterion for equilibrium; partial molal quantities; chemical potential, fugacity, activity. Phase equilibrium, multicomponent equilibria.

Chemical equilibrium; estimation of equilibrium constants; equilibrium in multi-reaction systems.

Reaction kinetics. Homogeneous reactions: rate expressions and mechanism, interpretation of rate data, ideal continuous flow reactors. Heterogeneous reactions: the role of mass transfer, rate-controlling steps, simple examples.

3.613 Corrosion Principles 1 unit
The major forms of corrosion and the mechanisms by which they occur. Aqueous corrosion. Chemical and electrochemical thermodynamics of corrosion, stability diagrams. Electrode kinetics. Polarisation. Application to corrosion kinetics. Passivation. Corrosion types protection and case studies. High temperature corrosion and oxidation.

3.615 Project Engineering I 3 units
A course of 80 hours of lectures, tutorials, visits and design classes.

Project Evaluation—cash flows, time value of money, discounted cash flow of return, economic criteria, PV profiles, depreciation and taxation, capital and operating costs.

Processes—process alternatives, equilibrium concepts and materials balances for single and multiple

reactions, influence of thermodynamic and kinetic data on reaction selection and flow sheet design.

Detailed flowsheeting considering economic and technical aspects for several processes, e.g. sulphuric acid manufacture, Oxo process, alumina production, vinyl chloride etc.

3.616 Chemical Engineering Laboratory **5 units**
This laboratory course complements the course 3.601 on the principles of mass transfer, heat transfer and particle mechanics. Students are required to undertake 12 laboratory experiments during the year.

Each student undertakes a laboratory class every two weeks. As part of the preparation for an experiment, the student will be expected specifically to:
— familiarise himself or herself with the background theory
— understand the operation of the experimental apparatus
— defuse the experimental aim, range of measurements to be made, and how these will be processed.

Considerable importance is attached to the analysis and interpretation of the experimental data and to the writing of a clear, logical and concise technical report. Each student will write six reports.

4.624 Unit Operations II **3 units**
A course of 54 lectures and 27 hours of tutorial classes.

Mass transfer: Multicomponent distillation and gas absorption, extractive and azeotropic distillation: hand and computer stagewise calculations. Prediction of plate efficiency in stagewise contacting equipment. Characteristics and design of plate columns. The less common separation operations.

Particle mechanics: Fluidisation, two phase theory, mechanism of bubble formation. Influence of bubbles on fluid bed kinetics and transfer processes. Solids handling, bulk properties of granular materials, measurement of properties, application of current theories and techniques in bunkers and other solids handling techniques.

Water cooling: History of water cooling, equilibrium diagrams, combined heat and mass transfer processes, height of cooling tower, thermal pollution. Types of cooling tower. Drying theory and equipment design.

4.625 Reactor Design **2 units**
A course of 27 lectures and 27 hours of tutorial classes.

Tubular reactors and stirred-tank reactors; isothermal and non-isothermal behaviour with simple and complex homogeneous reactions. Residence time: measurement and interpretation. Heterogeneous systems; mass transfer and thermal effects on reactor performance. Stability and optimal performance.

4.632 Process Control **3 units**
A course of 54 lectures and 27 hours of tutorial and laboratory work.

Formulation of lumped parameter dynamic models. Linearisation. Solution of dynamic models in the time, Laplace and frequency domains. Feedback and feedforward control systems. Controller characteristics and tuning. Stability analysis of feedback loops. Cascade control. Industrial measuring instruments and control hardware. Control systems for industrial equipment. Introduction to computer-based process control.

4.635 Thesis **5 units**
Students are required to write a thesis, based on a modest, but significant, research project, very often some aspect of a staff member's research interests. Most projects will be experimental in nature but some may be largely theoretical or mathematical. Other topics may involve computer programming, feasibility studies, or the design, construction, and testing of equipment.

Students are expected to examine published and experimental data, set objectives, organise a programme of work, and analyse results and evaluate these in relation to existing knowledge. The thesis will be judged on the extent and quality of the student's original work, and particularly how critical, perceptive, and constructive he or she has been, in assessing his or her own work and that of others.

4.640 Project Engineering II **2 units**
A course of 27 lectures and 27 hours of tutorials and seminars.

Philosophy of design. Computer-aided design (behaviour of systems of process units, mathematical modelling, types of simulation programmes, efficient calculation through process networks, the use of flowsheeting programs). Project costing and evaluation (cost estimation, profitability analysis, cost-benefit analysis). Project planning, organisation and control, including critical path scheduling methods. Design of pressure vessels and tanks.

Hazards and operability analysis.

Each student is expected to prepare and deliver a seminar on a nominated topic, e.g. water pollution, submerged combustion, air *vs* water cooling.

4.641 Chemical Engineering Design **3 units**
A course of 54 hours comprising lectures and group discussions.

The preparation of a detailed design project involving process design, equipment design and costing.

AERONAUTICAL ENGINEERING

(Refer to Table VII of the Senate Resolutions.)

3.420 Thermodynamics **2 units**
A course of 18 lectures and associated tutorial work.

Thermodynamics: First and Second Law, analysis of control mass and control volume systems, properties, availability; analysis of component processes; gas mixtures including psychrometry; combustion, fuel cells; power and refrigeration cycles; applications to engines.

3.434 Mechanical Properties of Materials **2 units**
A course of 27 lectures and associated tutorial and laboratory work.

The nature of metals, ceramics, glasses, polymers and composite materials. The failure of materials by fracture, fatigue, creep corrosion and oxidation.

3.441 Engineering Dynamics and Control **3 units**
A course of 54 lectures and associated tutorial and laboratory work.

Equations of motion for single-degree-of-freedom systems; vibration isolation and measurement; frequency response. Solution by Laplace transforms; transfer functions; Fourier series and transforms. Nonlinear damping. Multi-degree-of-freedom systems; matrix formulation; influence coefficients; transfer matrices; model analysis. Continuous systems. Rayleigh's method. Modelling and block diagrams. Performance and stability, criteria. Linear system design via frequency response, root-locus and computers.

3.481 Production Technology **2 units**
For details see under Mechanical Engineering.

3.722 Aerodynamics I **4 units**
A course of 108 lectures.

Dimensional analysis and similarity; Reynolds and Mach numbers; momentum principle; Euler and Bernouilli equations; rates of change of fluid properties; stream function; circulation, vorticity, irrotational flow, velocity potential; vortex theorems, Biot-Savat law, Kutta-Joukowski law; complex variable methods, complex potential, conformal transformations, Joukowski transformation, Navier-Stokes equations.

Properties of air and the atmosphere; introduction to the aerodynamics of the complete aeroplane; introductory aerodynamic flows; viscous effects and boundary layer theory; elementary aircraft performance; static stability and control of rigid aircraft.

Basic gas dynamics; steady one-dimensional flow with and without friction and heat transfer; normal shock waves.

3.732 Aircraft Structures I **4 units**
A course of 80 lectures with associated tutorial work.

The solid mechanics part of the course 3.435, viz.: Concepts: Stress and strain, Linear elasticity. Thermal strains. Plastic deformation. Examples in axisymmetric systems: Thin shells. Thick walled cylinders, interference fits, auto-frettage. Rotating discs. Circular plates. Introduction to energy methods and computer methods for stress analysis.

Structural analysis: concepts of equilibrium and compatibility; application to frame structures; bending and torsion of stiffened thin-walled structures; vibrations; elastic stability.

Joining and fastening; detailed stressing; codes of practice.

3.771 Aircraft Design I **3 units**
A course of 27 lectures and associated tutorial and practical work.

The application of aerodynamics and structural theory to practical problems in aeroplane design.

3.981 Laboratory I **4 units**
A course consisting of about 24 3-hour laboratory sessions in the Departments of Mechanical and Aeronautical Engineering together with about forty hours in the Electrical Engineering laboratories.

4.714 Propulsion **2 units**
A course of 27 lectures with associated tutorial and project work.

Propulsion unit requirements for subsonic and supersonic flight; thrust components, efficiencies, additive drag of intakes; thermodynamics of turbojet and turbofan engines; intakes and jet nozzles; piston and other types of engine; performance of propulsion units; component design and performance; noise and pollution.

4.726 Aerodynamics II **4 units**
A course of approximately 50 lectures with associated tutorial and laboratory work.

Bound and free vortex sheets; two-dimensional aerofoil theory; lifting line theory, compressibility corrections; effect of sweep back. Two-dimensional supersonic aerofoils; introduction to three-dimensional effects. Theory of wind tunnel corrections. Airscrew theory. Introduction to boundary layer and heat transfer theory; calculation of skin friction drag of aerofoils.

Steady two-dimensional supersonic flow; shock waves, method of characteristics. Three-dimensional and viscous effects. Unsteady one-dimensional flow. Hypersonic flow. Real gas effects. Rarefied gas flow.

4.737 Aircraft Structures II **4 units**
Plates and shells. Optimum structures. Buckling of bars, plates and shells; imperfection sensitivity. Structural dynamics. Structural fatigue; principles and practice. Finite element analysis; static and dynamic, for bars, plates and shells.

4.747 Mechanics of Flight **2 units**
A course of 45 lectures with associated tutorial and laboratory work.

Control elements for flight: primary aerodynamic controls, secondary controls; phases of flight: ground handling, take-off, climb, cruise, descent, approach and landing; formal description of control; reference inputs for control and navigation; visual and instrument flight; radio aids; pressure instruments; gyroscopic instruments.

Aircraft dynamics: equations of motion for a rigid aircraft; linearisation of the equations; aerodynamic derivatives; typical modes of motion.

Stability, response and control: criteria for stability; response to turbulence; control surface balancing; autopilots.

4.774 Aircraft Design II **3 units**
A course of approximately 100 hours of lectures, practical work and workshop practice.

Design requirements and the application of the material presented in other courses to aircraft and related design. The properties of practical aircraft structural materials and related design. Design projects including the making and testing of critical or novel components.

4.784 Thesis or Design Project **6 units**
(8 units for honours level)
Each student is required to conduct one piece of experimental, theoretical or design work in greater detail than is possible in ordinary classes and to write a thesis presenting the results of his or her investigations.

He or she is expected to design and, if possible, construct any special apparatus or models that may be necessary.

4.787 Seminar **1 unit**
Each student is required to give a seminar on an appropriate topic selected by the staff, and is expected to take part in the discussion sessions following the formal oral presentations.

Elective courses

Attention is drawn to the elective and honours courses, details of which are given in the Engineering Handbook. In addition to completing the Senior and Senior Advanced courses listed above, candidates must also complete sufficient elective or honours courses to obtain credit for the number of units prescribed in the Senate Resolutions.

Faculty of Law

New resolutions have been introduced relating to the degree of Bachelor of Laws. The courses of study to be taken by candidates who are continuing under the old resolutions will be found in the 1979 *Calendar*.

FIRST YEAR

The subjects taken by first year students are: Contracts, Criminal Law, Legal Institutions and Torts.

Contracts

A study of the general principles of the law of contract, including the law of agency, with particular reference to the principles applicable in New South Wales. Developments in the law in other common law jurisdictions are considered where apposite, as well as the need for reform in the light of changing social conditions.

Criminal Law

The course consists of two terms' instruction in criminal law and one term's instruction in criminology.
(a) Criminal law encompasses both the law of criminal procedure and the substantive law of crime. The latter comprises basic principles, specific offences, and specific defences.
(b) Criminology encompasses criminal jurisprudence, criminal statistics, the aetiology of crime, and penology.

Legal Institutions

A study of contemporary legal institutions with special emphasis on the courts.

Torts

An account of the general principles of the law of torts as they apply in New South Wales.

SECOND YEAR

The subjects taken by second year students are: Commercial Law I, Federal Constitutional Law, Principles of Equity, Public Law and Real Property.

Commercial Law I

(a) An account of the principles of common law and statute law concerned with transfers of personal property, securities in goods, negotiable instruments and partnership.
(b) An account of the principles of common law and statute law governing some common mercantile transactions. This part of the course will include a study of the law of sale of goods, hire-purchase, insurance, arbitration and carriage of goods by sea.

Federal Constitutional Law

The subject examines the federal constitution and government of the Commonwealth of Australia.

Principles of Equity

An account of the general principles of equity, excluding the law relating to trustees and the doctrines of equity.

Public Law

An examination of the relationship between the citizen and the state under the general headings of—
(a) Administrative Law; and
(b) The Rule of Law and Civil Liberties.

Real Property

An account of the law in force in New South Wales with respect to real property.

THIRD YEAR

The compulsory subjects taken by third year students are: Commercial Law II, Conflict of Laws, Jurisprudence and Succession. From the following electives one or two are to be chosen: Comparative Law, Conveyancing, Criminology, Evidence, Industrial and Commercial Property, Industrial Law and Labour Relations, Law and Social Justice, Public International Law, Revenue Law, Roman Law, The Family in Society.

COMPULSORY SUBJECTS

Commercial Law II

A study of the partnership law, company law, income tax law and bankruptcy.

Conflict of Laws

An account of principles governing (a) jurisdiction, (b) the selection of the appropriate law, and (c) the recognition of foreign judgments in cases involving more than one legal system.

Jurisprudence

Teaching in this area strives to bring together philosophical, historical, sociological, conceptual and comparative thinking about law and legal theory. This year students will be able to choose from several alternative strands discussing major theories of law, fundamental concepts of analytical jurisprudence, the logical analysis of the concept of a legal system and its basic constituents, the socialist contribution to law and legal thinking and the development, in theory and in practice, of concepts of human rights.

Succession

(a) An account of the duties of trustees.
(b) An account of the equitable doctrines of conversion, election, satisfaction, ademption, performance and hotchpot.
(c) An account of the law and practice of probate in New South Wales and the administration of the estates of deceased persons.

ELECTIVE SUBJECTS

Comparative Law

This course is an introduction to, and history of, the Civil Law System on the continent of Europe In par-

ticular it analyses and compares with the Common Law certain specific concepts and techniques in that system.

Conveyancing
An account of the law relating to the transfer of property rights in the nature of property by act of parties, with particular reference to transfers under the Real Property Act 1900 and under Old System title. Included are transfers of ownership, mortgages, leases and options.

Criminology
The principal subject matter will be the nature, prevalence and causation of crime and the policies used in dealing with criminals. The course will be arranged in three parts dealing with (a) the causation of crime, (b) the treatment of offenders, (c) the nature and extent of crime.

Evidence
An account of the principles of the law of evidence.

Industrial and Commercial Property
An account of the law relating to the protection of various intangible assets of business including law of defamation, passing-off, trade marks, copyright, patents and designs, and a study of legislation relating to restrictive trade practices.

Industrial Law and Labour Relations
A study of certain aspects of industrial and labour relations law in Australia with particular reference to the Commonwealth and New South Wales industrial jurisdictions.

The course falls in two parts: Part A deals with certain major aspects of the private law relationship in the industrial field; Part B deals essentially with the collective law aspects of industrial relations.

Law and Social Justice
A consideration, from a jurisprudential point of view, of contemporary issues of social justice including the relationship between theories of justice and the concept of social justice. There is also a discussion of the theory of human rights.

Public International Law
This subject examines the nature and origins of public international law. It discusses the sources of this law and the role played by the individual, the State and international organisations. Emphasis is placed on the rules regulating the interaction of these in relations of peace and in relations of conflict short of war including collective peace enforcement. A number of specialised internal options may be offered during Michaelmas term.

Revenue Law
A study of general issues of tax policy and a critical examination of the Australian tax system. Principles of the federal income tax are also considered.

Roman Law
The course will include (1) the history of Roman law and its continued existence in the present legal systems of the world, and (2) the main institutions of Roman law in the several stages of their historical development with reference to such textual material as is extant.

The Family in Society
An examination of the substantive law affecting domestic relations within the context of the relationship between the family unit and society in general. Analysis of family policies is encouraged on the basis of extra-legal materials.

FOURTH YEAR
Candidates who are graduates in another faculty (including those who have proceeded towards the LLB degree in combination with the BA, BEc or BSc degrees) may be exempted from some or all of these subjects. Other candidates enrol in four of the following extended elective courses provided that:

(i) candidates who took only one elective course in third year shall in fourth year take a further elective course chosen from those elective courses listed in third year; and

(ii) candidates may not count towards their degree both an elective course listed in third year and the corresponding course listed in fourth year.

Comparative Law (Extended)
In addition to the matter covered in Comparative Law, this course analyses a wider range of specific concepts and techniques of the Civil Law System.

Conveyancing (Extended)
This course comprises the subject matter of Conveyancing together with aspects of the Local Government Act relating to the use of land, including controls on subdivision, town planning and building; resumption or acquisition of land; mining; rent control.

Criminology (Extended)
This course provides a wider coverage of the topics considered in Criminology.

Industrial and Commercial Property (Extended)
This course covers the same areas as Industrial and Commercial Property with the addition of a research essay.

Industrial Law and Labour Relations (Extended)
This course covers the same material as Industrial Law and Labour Relations with the addition of the history, background and law relating to Trade Unions.

Law and Social Justice (Extended)
In addition to the matter covered in Law and Social Justice, this course considers in a more extended fashion certain specific issues, including equality, affirmative discrimination, privacy and the new world economic order.

Legal History (Extended)
This course will cover research techniques and methodology, directed to the writing of a dissertation. For the dissertation each student will deal with a different topic selected in consultation with the lecturer. It is expected that the topic will be in an Australian field but, where materials are available, the presentation of a dissertation in another field of legal or constitutional history may be permitted.

Litigation
1. *Evidence*
An account of the principles of the law of evidence.
2. *Practice and Procedure*
An account of practice and procedure and pleading in the Supreme Court of New South Wales and in the criminal courts in New South Wales.

Public International Law (Extended)
This course covers the subject matter of Public International Law but also includes a study of the law of armed conflict.

Revenue Law (Extended)
In addition to the material covered in Revenue Law, there will be a study of specific issues of tax policy as well as special consideration of the law and policy of the Income Tax Assessment Act.

Roman Law (Extended)
This covers the same topics as Roman Law with the addition of Roman criminal and constitutional law.

The Family in Society (Extended)
This course covers the same areas as The Family in Society together with additional topics of pre-marriage, de facto marriage, domestic relations, the rights and protection of children, adoption and procreation.

Faculty of Medicine

FIRST YEAR

Chemistry I (Life Sciences)
A two-term course for the student who will subsequently study biochemistry and physiology. It covers chemical theory, inorganic, physical and organic chemistry, with many examples from the biological areas.

It consists of 69 lectures and 17 three-hour practical sessions in Lent and Trinity terms.

Introductory Medical Science
This course given in Lent term provides an introduction to certain areas of knowledge which may or may not be taken up in more detail later in the medical curriculum. The course is administered by an interdepartmental committee chaired by Professor J. A. Young.

The subject areas included in the course are:

Subject	*No. of lectures*
Biomathematics	18
Comparative Morphology	18
Genetics	9
Health and Disease in Populations	9
Human Evolution	5

Physics I (Life Sciences)
The course, which where possible shows the application of physics in the biological sciences, consists of six units: forces and energy; electricity; thermal physics; optics; ionising radiation; and properties of matter.

It consists of 72 lectures with 3 hours a week laboratory sessions in Lent and Trinity terms. Two-thirds of the lectures are given on closed-circuit television.

Anatomy
The anatomy of the upper limb, lower limb, head and neck including somatic components of the peripheral nervous and peripheral vascular systems is taught during Trinity and Michaelmas terms.

Teaching/learning situations will depend on the use of specific behavioural objectives, small group discussion techniques and the use of prosected specimens and other teaching media. Lectures are held as an introduction to many of the tutorials. Course orientation is functional and directed towards clinical applications. Facilities for dissection may be optionally

provided. Course orientation is functional and directed towards clinical applications.

Students are advised to provide themselves with half-sets of bones.

Fourth year students may undertake their unallocated term in Anatomy, working in the area of applied Anatomy. Those who do so will dissect and prosect. One or more prosectors may be awarded the Wolfe Solomon Brown Prize and the A. M. Loewenthal Prize each year.

Practical anatomy. Tutorial rooms and anatomy museum are open to members of the practical class only, during all the three terms, from Monday to Friday, for periods between the hours of 9 am and 5.50 pm, under the supervision of the Professor and the teaching staff.

Admission to dissecting rooms, tutorial rooms and Anatomy Museum is strictly limited to graduates in Medicine and Dentistry and undergraduates enrolled in Anatomy.

Removal of anatomical material from the department is prohibited by law as specified in the Anatomy Act.

Behavioural Sciences in Medicine

The general aim of the Department of Behavioural Sciences in Medicine is to conduct a preclinical course that lays a foundation for the development, throughout later undergraduate and graduate years, of knowledge, skills and attitudes involved in the effective management of the interpersonal and social aspects of the practice of medicine. While the department does some teaching in clinical years, its main contribution is during the first five terms of the undergraduate medical course, when students have two lectures and one tutorial weekly.

In first year, Lent term introduces the practice of medicine, scientific method in the behavioural sciences, and basic sociological concepts. Trinity and Michaelmas terms take the human being through his or her lifespan, with emphasis on areas of special medical relevance, such as human sexuality and death, dying and bereavement. The first year tutorial course develops some of the lecture content areas and introduces basic communication and interviewing skills. Assignments are designed to move students out into the community and to develop interviewing skills further.

In the second year course the focus is strongly on the individual in the medical situation. There are four lecture strands in second year: motivation, emotion and stress; the doctor and his patient; medical aspects of deviance; the delivery of health care in our society. Second year tutorials are largely discussion-based and relate to the four lecture strands. There are two assignments in second year, and in the carrying out of these assignments, students are given more responsibility for guiding their own learning, deciding on areas of interest and finding out about them.

Biochemistry

See Second Year entry.

Histology and Embryology

The first year course in Histology, which begins in Trinity term, is concerned principally with the structure of cells and tissues. One lecture is given per week and this is followed immediately by a 2-hour practical period during which students study electron and light micrographs in addition to microscopical preparations.

Physiology

See Second Year entry.

SECOND YEAR

Anatomy

During the second year of the course attention is given to the musculo-skeletal framework of the trunk, the visceral systems of the body and the neuro-endocrine system. The course is planned so that the visceral systems of the central nervous system may be 'filled into' the musculo-skeletal framework in a coordinated programme of study.

Behavioural Sciences in Medicine

See the First Year entry.

Biochemistry

Biochemistry is studied over four terms of first and second year Medicine.

Students receive three lectures per week in Michaelmas term of first year. Topics include the following: the structure and properties of amino acids, peptides and proteins, nucleotides and nucleic acids; an introduction to the nature of enzymes and enzyme catalysis. Three practical classes are held dealing with topics related to the lectures in Michaelmas term.

About 90 lectures are given during Lent, Trinity and Michaelmas terms of second year. Topics include the following: Biochemistry of cellular organisation and function, chemistry, digestion, absorption and metabolism of carbohydrates; biological oxidations, including the chemistry and functions of prophyrins and cytochromes, electron transport, oxidative phosphorylation and mitchondrial organisation; the chemistry of lipids; digestion, absorption and metabolism of fats and fatty acids; digestion and absorption of proteins and amino acids; metabolism and functions of complex lipids; nitrogen metabolism and the metabolism of one-carbon compounds; mechanism and control of the synthesis of nucleic acids and proteins, including biochemical genetics; antibiotics and gene expression; recombinant DNA technology; the control of intermediary metabolism, biochemical aspects of hormone action; inborn errors of metabolism; plasma proteins and immunoglobulins; biochemistry of the red blood cell; the synthesis and degradation of haemoglobin and the metabolism of iron; vitamins; the biochemistry of connective tissue; aspects of neurochemistry; principles of nutrition.

Six five-hour practical classes are held in Lent and Trinity terms. Tutorials are given from time to time.

Histology and Embryology

The second year Histology course, which has the same form as the first year course, is concerned principally with the structure of organs.

The Embryology course, of one lecture per week, is concerned with the morphology of development in Lent and Trinity terms and with developmental biology and teratology in Michaelmas term.

Pharmacology and Clinical Pharmacology

Pharmacology is taught over six terms, commencing in Trinity term of second year and ending in Lent term of fourth year. In second year it is co-ordinated on a topic basis with Physiology. Instruction is by lectures, tutorials and correlation sessions.

Third year students will receive a course of lectures and tutorials on systematic pharmacology.

Clinical pharmacology will be taught in Term 4.1 by lectures, tutorials and selected practical sessions.

Examinations are by assessments at the end of each teaching term throughout the course and each will cover the work of that term. Pharmacology as a whole will be examined in the 3.4 barrier assessment.

Physiology

Physiology is taught over four terms in first and second year; there are 51 hours of formal instruction in the third term of first year and 170 hours in the three terms of second year. The purpose of the first year segment is two-fold. First, it serves as an introduction to the study of living systems and provides core instruction in basic cell physiology. Second, it provides core instruction in cellular neurophysiology, muscle physiology and the physiology of epithelia which are dealt with again later in the course. The course consists of 31 lectures in third term and 5 practical classes, three of 5 hours' duration and two of 3 hours' duration.

The second year course is the final three terms of the four-term Physiology course. It consists of approximately 110 lectures and 60 hours' practical work, tutorials and clinical cases, distributed throughout the year. It deals successively with the following systems: cardiovascular and respiratory systems (first term); immunology, gastrointestinal, renal and body fluid physiology (second term); endocrine, reproduction and central nervous systems (third term).

THIRD YEAR

Bacteriology

A course of approximately 50 lectures and 40 practical classes dealing with the principles of medical microbiology and immunology, and their application to the study of disease, is given in third year.

Pathology

Students attend morning and afternoon classes during third year. Instruction in Pathology continues as a part of the Clinical Science course in third year.

The course of study in Pathology consists of systemic lectures, post-mortem demonstrations, practical laboratory work, and tutorials in General and Special Pathology. It is an advantage, but not essential, for a student to possess his or her own microscope.

Pharmacology

See the Second Year entry.

Clinical Science

In the third year clinical instruction is given at the University in the form of correlative teaching sessions dealing with specific disease states. The disciplines in this teaching include the following:

Medicine, including subspecialities
Surgery, including subspecialities
Immunology
Pharmacology
Bacteriology
Pathology

In addition to the university teaching sessions, clinical tuition, correlated with the campus teaching, is given in the hospitals.

The aim of this course is to present the core facts about specific disease states in an integrated manner, correlating the different disciplines involved in the diagnosis and treatment of the disease.

History-taking and Clinical Examination

In first term of third year students commence instruction at the clinical schools. This includes instruction in the physical examination of patients, taking a history of patient's illness and recognition of symptoms of disease.

FOURTH YEAR

Term 4.1

This term is of a minimum of 6 weeks' duration and includes:

(a) a course in aspects of Community Health;
(b) lectures in Ophthalmology and Dermatology;
(c) lectures and tutorials in Clinical Pharmacology;
(d) practical sessions in clinical laboratory methods, at the Westmead Centre.

The Community Health programme combines teaching of:

Epidemiology
Occupational Health
Social and Preventive Medicine
Health Services Structure, efficiency and quality
Ethics and Law in relation to Medicine

and does so within a framework that emphasises the 'ecological' linkage of contemporary health problems and practice; and the relationship between individuals and populations and their environmental exposures, where these are of importance for both the maintenance and loss of health status. It also allows the practice of health care, both personal and professional, to be viewed as part of that environment serving to provide conditions favourable to the maintenance of survival and providing means by which adaptations favouring survival (in both qualitative and quantitative senses) might be maintained.

Assignments

There are four assignment subjects: Community, Geriatric and Rehabilitation Medicine; Obstetrics and Gynaecology; Paediatrics; and Psychiatry. Each subject is taken during a term of eight or nine weeks' duration. The assignments commence in the second term of fourth year, and finish in the fifth term of fourth year.

Community Medicine

The general objectives of the term are to demonstrate and provide information about the experience in community medicine, so that students will be able, as members of a health team, to plan and effect health promotion and the management of health problems for individuals and families in a community setting.

The term covers community health, general practice, geriatric medicine, primary care and rehabilitation medicine, and includes aspects of medical ethics.

Students spend two weeks in a full-time general practice attachment and three weeks in a full-time geriatric-rehabilitation placement, plus sessional placements in other community health services.

Each student prepares several case history reports, and participates in a group of 6 or 7 preparing a written and verbal report on a comprehensive health care project.

Obstetrics and Gynaecology

The assignment in Obstetrics and Gynaecology has the following objectives:

(a) to give the student insight into the functional and organic processes of human reproduction and sexuality and the biology of women;
(b) to instruct the student in the principles and

practice of normal management of normal labour;
(c) to indicate the value of prevention of disease in obstetrics and gynaecology;
(d) to stress the socio-economic; psychological and psychosomatic factors involved in the discipline;
(e) to demonstrate the care of the neonate, and
(f) to establish a firm base from which a deeper understanding of, and vocational training in, obstetrics and gynaecology can be obtained in the early graduate years.

The nine-week term is divided into an introductory week when all students spend Monday-Thursday on campus, attending lectures, films, discussions and demonstrations. On the Friday students attend orientations at the hospitals to which they will be attached.

The remaining eight weeks are spent attending the practice of the student's chosen hospital. Residence in hospitals is normally expected for at least four of the eight weeks.

The arrangements for the scheduled teaching sessions vary between hospitals but, in general, students receive weekly tutorial sessions and teaching ward rounds from the academic and visiting staff.

An important educational experience is duty on the delivery floor, during which each student is expected to admit to hospital, attend during labour, and deliver and check the post-natal progress of at least four mothers and babies.

Each student also spends periods each week with the antenatal service, both inpatient and outpatient; the gynaecological service; and the neonatal intensive care facility of the hospital.

In the last week of the assignment term, an assessment of the student's knowledge, attitudes and skills is made. This consists of an essay paper and a viva voce examination. The latter is conducted by two examiners. Students are also required to complete a written project on a particular topic throughout the term and submit four written case histories as part of their assessment.

Paediatrics

A complete assignment term is allocated to child health. The students are based in the Department of Child Health at the Institute of Child Health at the Royal Alexandra Hospital for Children or at the Westmead Centre. As comprehensive an exposure as possible to all aspects of child health and disease is provided. The programme includes attendance at outpatients, medical and surgical ward rounds and tutorials, psychiatric clinics, pathology demonstrations and visits to the child health services in the community including the Spastic Centre, Grosvenor Hospital, Tresillian Mothercraft Homes and Baby Health Centres. History taking and ward clerking are important components of the terms. Family doctors participate in the undergraduate teaching. Each student must spend two weeks in residence in the Hospital. When possible, facilities are provided for the individual student with special interest to pursue it. A limited number may return for this purpose during the option term.

The method of assessment is by a short essay to be presented two to three weeks before the end of the assignment term and a three-hour examination on the last day of the term consisting of short questions about simple paediatric problems.

Psychiatry

Psychiatry is introduced in third year but the major part of teaching occurs during the assignment period in fourth year. During the assignment, all students are given opportunities for clinical experience and instruction in both general hospitals and psychiatric hospitals. The various clinical units include:

(a) Royal Prince Alfred Hospital, Rozelle Hospital and the Glebe, Newtown and Balmain Community Clinics;
(b) Royal North Shore Hospital, Sydney Hospital, Bankstown Hospital, the Macquarie Hospital and the Northside Clinic;
(c) Westmead Centre, Concord Hospital, Lidcombe Hospital, and Parramatta Psychiatric Centre.

In addition, topic teaching takes place each week at the Department of Psychiatry at the undergraduate centre at Rozelle Hospital.

The main aim of the course is to demonstrate to students the ways in which psychiatric assessment is undertaken in a variety of clinical settings.

FIFTH YEAR

In fifth year students have two periods of 14 weeks during which they have campus teaching in Medicine and Surgery on Monday mornings. These sessions are equally divided between Medicine and Surgery into:

(a) Long correlation sessions of one-and-a-half hours' duration
(b) Short correlation sessions of one hour's duration
(c) Lectures of one hour's duration.

Students spend four-and-a-half days each week in the teaching hospitals. Each 14-week period is divided into two terms of seven weeks. Students have two terms each of Medicine and Surgery alternating. Hospital seminar tutorials in Medicine and Surgery are held for all students on two days each week throughout the four seven-week terms.

Medicine

During the two terms of seven weeks in Medicine, students are attached to a general or special medical unit. In addition to general medical responsibilities, they participate in the activities of special units in programmed sessions.

Patient Responsibilities—General Medicine

Students take and record all histories for patients admitted to the unit to which they are assigned. Histories are checked and countersigned by the resident and/or registrar to become part of the hospital record. Student responsibilities to the medical unit include:

(a) Daily rounds with the intern, resident and registrar
(b) Rounds with the attending physician
(c) Attendance and participation in clinical meetings, radiology and pathology sessions
(d) Direct involvement and supervised participation in day-to-day patient care
(e) A 24-hour roster immediate call system on unit admitting days (including weekends)

These responsibilities continue throughout the two seven-week medicine terms.

Teaching Sessions—Hospital

The following teaching sessions are programmed:

(a) Seminar tutorials in medicine and surgery held on four days weekly throughout the 28 weeks.
(b) Daily Monday to Friday: Clinical case presentations from all students in rotation, to be conducted by a clinical tutor in medicine.
(c) Medical resident/registrar tutorials in physical diagnosis weekly.

Surgery

General Surgery

During the seven weeks of general surgery, students are allocated to general surgical wards and expected to clerk cases allocated to them. They enter into the general working routine of the Unit. During this term it is necessary for each student to spend one half day in Ear, Nose and Throat tuition, one radiology tutorial per week and approximately two tutorials in general surgery each week.

Special Surgery, Anaesthetics and Resuscitation

During this term students are allocated to the Department of Orthopaedics and Traumatic Surgery for three weeks' tuition in diseases of the musculo-skeletal system. One week is allocated to the Department of Anaesthetics. In the remaining three weeks, students are required to fulfil an assignment in Urology, Thoracic Surgery, Plastic Surgery and Neurosurgery. They are required to submit case reports on patients suffering from certain diseases within these specialities. These reports, together with students' comments and results of their reading, are assessed in their log book. The Department of Anaesthetics conducts an assessment in the last anaesthetic tutorial in this term.

Anaesthetics

A part of the Surgery term is devoted to anaesthetics. Emphasis in the lectures, tutorials and the practical tuition is on preoperative assessment, the effects of anaesthesia and surgery on cardiovascular and respiratory function, the protection of the patient during operation, the immediate postoperative period, cardiopulmonary resuscitation, the management of patients on ventilators and simple local analgesia. Aspects of preoperative management, the principles of the anaesthetic management and postoperative care are part of the clerking of the surgical patients during the term, with one week attached solely to a department of anaesthetics of the teaching hospitals. Evaluation of student performance is from the part-time lecturers and tutors and oral assessment by the Professor of Anaesthetics and/or his nominee.

ASSESSMENT IN MEDICINE AND SURGERY

At the end of the 28 weeks' teaching in Medicine and Surgery, a joint examination is held by the Departments of Medicine and Surgery for all students, as follows:

Multiple choice question papers. Two multiple choice question papers, each with up to 100 questions, will be held on the morning and afternoon of one day.

Essay paper. One 3-hour combined Medicine and Surgery paper requiring short written answers will be held.

Clinical examinations. A Clinical Medicine and a Clinical Surgery examination will be held separately. In Medicine there will be one long case, consisting of 1 hour with patient, followed by 20 minutes with two examiners, and two short cases for 20 minutes with a second pair of examiners. In Surgery the long case will be 15 minutes, with two short cases each of 15 minutes. In addition, in-training evaluation reports and log books will be available to assess student performance.

Students will be encouraged to use the computer-based multiple-choice question self-assessment system on several occasions throughout the term. They may use this to identify deficiencies in knowledge and to check that these have been remedied following extra work.

Option

The final term of fifth year is an option term. The purpose of this eight-week term is to allow each student the opportunity to study an individual subject in greater depth. The student is given a chance to learn through his own experience and effort. Options may consist of various combinations of lectures, tutorials, laboratory exercises, research, clinical instruction, essays and assignments. The option term is a period of supervised training in an acceptable area in which a student has an interest.

There are a variety of option subjects, from which students are required to choose one that may be attractive to them. Copies of a booklet listing the option subjects available may be read in the warden's office in each of the clinical schools, the Medical Library, or the Dean's Office, Faculty of Medicine. Students are required by May to advise the faculty of their choice of option subjects, in order of priority. They are allocated to an option subject by an interdepartmental committee established by the faculty.

Students are required to have satisfied the option term before they may graduate with the degrees of Bachelor of Medicine and Bachelor of Surgery. Their progress during the option is overseen by a supervisor, who is required to report to the Board of Examiners for assessment of the option term. If the Board of Examiners decides that a student's performance has not been satisfactory, he or she will be required to repeat the term.

BACHELOR OF SCIENCE (Medical)

For the requirements of the degree, see Chapter XII of the by-laws and the resolutions of the Senate that follow. The degree may be taken in these departments:

Anatomy
Bacteriology
Behavioural Sciences in Medicine
Biochemistry
Histology and Embryology
Immunology
Pathology
Pharmacology
Physiology

Board of Studies in Music

The degree of Bachelor of Music is offered in the fields of musical composition and of instrumental or vocal performance. To gain acceptance a student must show outstanding ability in his or her chosen field and pass a departmental test (see below).

Once accepted the student may, with the permission of the Board of Studies, undertake a course that includes both composition and performance units. In addition a musicology option is available to third and fourth year (honours) students.

The award of the degree of Bachelor of Music is governed by the Board of Studies in Music under regulations set down in Chapter XD of the by-laws. These regulations were introduced at the beginning of 1977; students proceeding under the old by-laws should consult the 1975 *Calendar*. The degree is awarded in two grades, pass and honours.

The first year course in Music prescribed for the BMus degree may normally be taken only by students reaching the 61st percentile in the 3 unit, or 71st percentile in the 2 unit, Music course at the HSC examination. In certain circumstances students who have not taken either of these courses may be admitted after passing a departmental musicianship test. Prospective candidates should consult the head of department. In addition all applicants receiving an offer of a place must satisfactorily complete a test in Musical Composition, or in Instrumental or Vocal Performance, supervised by the head of the Department of Music.

Students must register with the department, during the orientation period, before beginning each year of any course. They will be required to reach a high professional standard by the end of the BMus degree course. First year students taking either Composition or Performance will be advised towards the end of Lent term on their prospects of successfully completing the unit. Students must have reasonable proficiency at the keyboard—roughly the standard needed to play the simpler movements of Beethoven's Piano Sonatas—in order to play from score and from figured bass in the keyboard components of the course.

A candidate wishing to proceed to honours must have obtained a credit or better in Music I, II and III and in at least half the units taken as part of BMus I, II and III, and must have demonstrated the requisite knowledge and aptitude. Application for any variation in these requirements must be made to the Board of Studies in Music.

BMus students in all years will be required to join in the practical activities of the department—to sing in choral works, or to play in the orchestra and chamber groups, or department gamelan. All this is an essential part of the course.

The following course of study has been prescribed:

Music I
See the course description under the Faculty of Arts in the Courses of Study section of the *Calendar*.

One first year Arts course
One first year Arts course in a foreign language, which may be an elementary course, as listed in the table of courses in the resolutions of the Senate for the degree of Bachelor of Arts, following Chapter X of the by-laws in the statutes section of the *Calendar*.

One other Arts course
One other Arts course chosen from the table of courses (see above), which may be taken at any level in any year, provided the necessary prerequisite course/courses have been completed.

BMus I
Either Composition 1
or Performance 1

Music II
The Music II (Pass) course as in the Faculty of Arts.

Second year Arts course
A second year Arts course listed in the table of courses (see above).

BMus II
Either the *Composition* option, to consist of four units as follows:
- Composition 2 or 1
- Advanced Counterpoint and Harmony 1*
- Orchestration 1
- Keyboard 1

or the *Performance* option, to consist of four units as follows:
- Performance 2 or 1
- Advanced Counterpoint and Harmony 1*
- Orchestration 1
- Keyboard 1

* Advanced Counterpoint and Harmony 1 must normally be taken concurrently with or after Music II.

Music III
The Music III (Pass) course as in the Faculty of Arts.

BMus III
One of three options. The *Composition* option, to consist of six units as follows:
- Composition 3 or 2 *or* Performance 1
- Acoustics
- Keyboard 2
- Orchestration 2
- Advanced Counterpoint and Harmony 2
- Advanced Analysis

or the *Performance* option, to consist of six units as follows:
- Performance 3 *or* 2
  or Composition 1
- Acoustics
- Keyboard 2
- Orchestration 2
  or Composition 1 or 2
  or One seminar

One seminar
Advanced Analysis

or the *Musicology* option, to consist of six units as follows:

Introdution to Musicology and Ethnomusicology.
Paleography 1
Advanced Analysis
Acoustics
Keyboard 2
Orchestration 2
or Composition 1 or 2
or Performance 1 or 2
or One seminar

BMus IV Honours

(i) Two seminars
(ii) One seminar which is relevant to the thesis topic
(iii) Keyboard 3, *or* Performance 1, 2 or 3, *or* Composition 1, 2 or 3, *or* one seminar if not taken previously
(iv) *Either* an exercise in musical composition and a minor thesis (Composition option), *or* an instrumental recital and a minor thesis (Performance option)
or a major thesis and a translation paper from a language approved by the Board of Studies in Music (Musicology option).

Faculty of Science

AGRICULTURAL CHEMISTRY

Courses in Agricultural Chemistry for Science students consist of aspects of chemistry and biochemistry which are particularly relevant in studies of basic and applied biological sciences. Emphasis is placed on the chemistry of molecules of biological significance both naturally occurring, e.g. cellular constituents, foods, natural fibres, and chemically synthesised including insecticides and herbicides. The biochemistry is planned around the relationship between living organisms and their environment and includes sections on the metabolism of inorganic and synthetic materials by animals, plants and micro-organisms.

INTERMEDIATE COURSE

Agricultural Chemistry I — 8 units

A course of 3 lectures and 5 hours' practical per week throughout the year. It includes three main sections: physical chemistry and instrumental methods related to a proper understanding of biological sciences, organic chemistry covering the basic properties of naturally occurring molecules and those synthetic materials frequently in contact with living organisms, and a basic biochemistry course including a general approach to methods of studying the metabolism of living organisms, as well as more detailed metabolic studies.

SENIOR COURSE

Agricultural Chemistry II — 12 units

A course of 3 or 4 lectures and 8 or 9 hours' practical per week throughout the year. The course includes sections on the chemistry and biochemistry of cellular constituents (particularly in plants), energy metabolism and the control of metabolic processes, metabolism of inorganic materials such as nitrogen and sulphur and the action of herbicides and pesticides. There are also sections on the physical and organic chemistry of biologically significant macromolecules, fibres and plant secondary products, and a short course on some aspects of food science.

The practical course includes sections concerned with analytical techniques and instrumentation and more advanced chemical and biological experiments.

Agricultural Chemistry Honours

To qualify for admission to the honours course students must have obtained an appropriate standard in Agricultural Chemistry II.

The course may include lectures, practical classes, seminars, study of a reading list, essays and a research project (with submission of a thesis as part of the examination). Research interests in the department include nitrogen metabolism, metabolism in legume nodules, oil seed biochemistry, carbohydrate chemistry and metabolism, the biochemistry of pesticide metabolism by plants and heavy metal and residue analysis in foods.

ANATOMY

INTERMEDIATE COURSE

Introductory Anatomy **4 units**

This course consists of 2 lectures and 2 hours of practical/tutorial work per week. The course provides a broad introduction to the subject of human anatomy.

SENIOR COURSE

Anatomy I **12 units**

The course will provide an in-depth study of the subject of human anatomy.

BIOCHEMISTRY

INTERMEDIATE COURSES

Biochemistry I **8 units**

Biochemistry I provides a basic course for (a) students who wish to do only one year's study in the subject and (b) for students who wish to continue on to the senior course, Biochemistry II (12 units). An honours course designed for those wishing to enter research or to undertake work leading to a higher degree is conducted in the fourth year.

There are 3 lectures and 5 hours of laboratory work per week. The topics covered include: protein structure and function; enzymes; nucleic acid and protein synthesis; detailed study of carbohydrate, fatty acid and amino acid metabolism; electron transport and generation of ATP; metabolic integration and control of metabolism.

Biochemistry I Auxiliary **4 units**

This is an alternate intermediate course in biochemistry. There are 3 lectures per week and 1½ terms of audiovisual work per year. The topics covered are similar to those in the Biochemistry I course.

SENIOR COURSE

Biochemistry II **12 units**

There are 4 lectures and 8 hours of laboratory work per week. Areas of special importance are covered in some depth and at a relatively advanced level. They include: enzymology; physical chemistry of macromolecules; membrane biochemistry; biochemical genetics and chromosome replication; the biochemistry of gene expression; plant biochemistry; molecular biology of the immune response; biochemistry of hormones; neurobiochemistry; and the biochemistry of micronutrients.

The course includes one lecture per week in one of several options that are available in each term. These options cover more specialised aspects of Biochemistry at some depth, and students are encouraged to select those options in which they have a particular interest.

BIOLOGICAL SCIENCES

JUNIOR COURSES

All students intending to take first year courses in the School of Biological Sciences should consult the Faculty of Science Handbook.

Biology I

There are three courses in Biology I. These are

Introductory Biology—Available for students in the Faculty of Veterinary Science only.

Biology I—Science and Agriculture—Students in the Faculties of Science and Agriculture must enrol in this course (except students in the Department of Pharmacy). Students in the Faculty of Arts, Department of Education, Faculty of Economics and Faculty of Engineering may also enrol in this course.

Biology I—Human, Social and Environmental—This course is compulsory for students enrolling in Dentistry I and Pharmacy I. Students in Arts and Education, Economics and Engineering wishing to take Biology may enrol in this course and are recommended to do so in preference to enrolling in the Biology I—Science and Agriculture course. Such students should consult a Biology adviser during the enrolment period.

Biology I—Science and Agriculture **6 units**

The course gives an introduction to six main areas of biological investigation: cell biology, structure and function of organisms, organisms and environment, genetics, developmental biology and evolution.

Lectures are mainly given on closed circuit television and the laboratory sessions are based on taped programmes which integrate theoretical and laboratory work.

Biology I: Human Social and Environmental **6 units**

This course provides students with a background in biology, stressing the application of biological principles in everyday life. Areas of study include energy relationships, human anatomy and physiology, genetics, microbiology, ecology (including conservation and pollution control) and evolution.

There are about 50 lectures (some on closed circuit television) and 25 four-hour laboratory sessions, many of which involve tutorial/seminar work, which requires extra reading. Pharmacy students do extra work in human anatomy and physiology during Lent term.

INTERMEDIATE COURSES

Biology II

Courses in Biology II are classified as 'E', 'J', 'K' or 'G' courses.

Biology E is animal biology
Biology J is plant biology
Biology K is cell biology, genetics and animal and plant development
Biology G is genetics

A maximum of 16 units may be taken in Biology II. Two of Biology IIE, IIJ, IIK and Introductory Biology IIG may be taken. Biology IIK cannot be taken with Introductory Biology IIG.

Biology IIE **8 units**

Qualifying course Biology I. Prerequisites: Chemistry I, and one of Physics I, Mathematics I or General Pure Mathematics.

Weekly class contact hours are: lectures, 3; seminars, 1; practicals, 4.

The course includes:
Invertebrate biology
Animal behaviour
Comparative physiology
Vertebrate biology

Biology IIJ **8 units**

Qualifying course Biology I. Prerequisites: Chemistry I, and one of Physics I, Mathematics I, or General Pure Mathematics. Biology IIJ is a course of lectures

and practical classes, plus an audiovisual course consisting of independent carrel study and small group discussions.
Lent term
Plant Structure and Function
Plant Physiology (lectures)
Trinity term
Plant Physiology and Ecology
Michaelmas term
The Plant Kingdom

Biology IIJ Auxiliary **4 units**
A course consisting of either the first or second half of Biology IIJ.

Students taking this course must have completed the requirements for Biology IIJ and may not take the course with Biology IIJ.

Biology IIK **8 units**
A course in Biology dealing with genetics, cell biology and animal and plant development. Leads to Biology IIIG or a selection of third year options, which can be combined to make up the twelve unit Biology IIIK course.

Qualifying course and prerequisites as for Biology IIE and Biology IIJ.

Introductory Biology IIG **4 units**
Qualifying course and prerequisites as for Biology IIK.

A course of about 40 lectures and group discussions and 25 practical classes or tutorials. Biology IIG is an introductory course in General Genetics, with more detailed study of chosen topics. This course may not be counted with Biology IIK.

SENIOR COURSES

Biology III

Courses in Biology III are classified 'E', 'J', 'K', or 'G' courses.
Biology E course is dominantly animal biology.
Biology J course is dominantly plant biology.
Biology K course is a combination of animal, plant and genetics topics.
Biology G course is genetics.
Students may take any two of Biology IIIE, Biology IIIJ, Biology IIIG or Biology IIIK, except that Biology IIIK may be taken with another Biology III course only with the approval of the Head of School.

Biology IIIE **12 units**
Qualifying course Biology IIE. Prerequisites: Chemistry I, one of Physics I, Mathematics I or General Pure Mathematics.

Within the course, options are available in each term. Students are encouraged to select those options in which they have a particular interest, although certain constraints are imposed by the timetable. The options are as follows:
Lent term
Biology of Terrestrial Vertebrates
The Molecular Biology of Cytoplasm
Community Ecology
Comparative Anatomy and Taxonomy of Insects (2 term course)
Trinity term
Environmental Physiology
Marine Zoology
Evolution
Comparative Anatomy and Taxonomy of Insects (contd)
Michaelmas term
Developmental Biology
Population Management
Marine Ecology
Toxicology and Physiology of Insects
Molecular Biology of Membrane Transport and Bioenergetics

Biology IIIJ **12 units**
Biology IIIJ consists of alternative courses called III J1 and J2, each of about 80 lectures and 80 practical classes.

*Biology IIIJ*1
Qualifying course Biology IIJ
Lent term
Mycology *plus* Palynology *or* Marine Botany
Trinity term
Systematics and Evolution of Plants
Michaelmas term
Plant Ecology *plus* The Management of Plant Resources.

*Biology IIIJ*2
For this course students must have completed either Chemistry II, Agricultural Chemistry I or Biochemistry I, Biochemistry (Auxiliary) and either General Pure Mathematics or Mathematics I.

With permission of the Head of the School, students may take this course without having taken a second year course in Biology, providing they have reached a suitable standard in the above subjects. For these students the course is called Biology III (Biophysics and Plant Physiology). The components of the course are as follows:
Lent term
Molecular Biology of Cytoplasm
Trinity term
Plant Physiology
Michaelmas term
Molecular Biology of Membrane Transport and Bioenergetics

With permission, students may undertake a combination of J1 and J2 courses.

Biology IIIG **12 units**
Qualifying course: Biology IIK or Introductory Biology IIG. However, in special circumstances a candidate who has reached an acceptable standard may be permitted into IIIG without having taken Biology IIK or Introductory IIG.
Lent term
Cytogenetics
Trinity term
Molecular genetics
Michaelmas term
Population genetics

Biology IIIK **12 units**
Qualifying course: Biology IIK. Prerequisites as in biology IIIE. Combinations of subjects in IIIE, IIIG, and IIIJ may be taken as a K course. Students should discuss these possibilities with a member of staff.

A Biology IIIK course cannot normally include more than two options from any one of the courses IIIE, IIIJ or IIIG.

Biology III Advanced **12 units**

Students should discuss possible subject combinations with a professor of biology.

Biology Honours

A single honours programme in biology accommodates students from Biology III.

During the honours year the principles established in the first three years of the undergraduate course are further developed, and students are introduced to a wider field of biology and biological techniques. Students may elect to specialise in any of the aspects of Biology that are studied in the School.

Students who have signified their intention of entering the honours course will be notified of acceptance shortly after the publication of the third year examination results. Honours students are expected to start their academic year at the beginning of February.

With permission of the Head of the School and the Faculty of Science, students who have qualified to take an honours course and passed Biology I may take Biology honours without having taken Biology II and III. This allowance is intended for students who have majored in physics, chemistry or biochemistry and wish to study biophysics or plant physiology; they should first discuss their qualifications with Associate Professor N. A. Walker.

The honours course comprises:

(a) A project or projects in which the student investigates a problem and presents oral and written accounts of his research.

(b) A programme of study tailored to the requirements of the individual honours student. This will include a series of seminars on general and philosophical aspects of biology.

(c) A course in experimental design, and other technical instruction.

The degree will be awarded on the basis of:

- written papers, and essays
- marks awarded to a thesis on the subject of the project.

CELL PATHOLOGY

Cell Pathology I — 12 units

This course is designed to provide students with insight into cellular mechanisms altered in disease and to equip them to apply the concepts and methods of cell biology to the study of pathology. The course should be particularly attractive to those who would pursue the honours course with a view subsequently to doing research in an intellectually challenging area of biology.

Lectures, seminars and directed reading will deal with the general principles of pathology emphasising the physiological, biochemical and genetic aspects and the correlation of disturbed cell function with structural and ultrastructural changes.

Laboratory work will be mainly concerned with animal experiments chosen to illustrate particular aspects of pathology (including immunology), and making use of a variety of methods that will help in later development of the subject.

In Michaelmas term each student will undertake a project designed to try to answer a question (preferably of his own asking) that has evolved in his earlier study of the subject. Performance in this project will be part of the assessment of the suitability of a student to proceed to honours.

Prerequisites and corequisites for the course are as set out in Senate Resolution 15 governing Bachelor of Science. Students interested in the course should discuss it with the Head of Department. The Department of Pathology can cater for a very small number of students in this course and superior performance in junior and intermediate courses will be essential to ensure success in this course.

Cell Pathology Honours

Students will undertake an investigation at a more advanced level than that of the Michaelmas term project of the senior course. Research will usually be related to the work of one of the staff of the department and the results will be presented in the form of a thesis with a view to possible publication. Seminars, discussions and review of current literature will also comprise part of the course.

CHEMISTRY

Fully detailed information about all courses, prescribed textbooks and reference books is available from the Chemistry School.

Exercises are issued and tutorials are held at regular intervals on all courses.

JUNIOR COURSES

Chemistry I — 6 units

Chemistry I is offered at two levels, Chemistry IA and Chemistry IB.

Chemistry IA (advanced level) is available to students with a sound school record in Science or Chemistry. Students in the Faculties of Agriculture, Engineering (Chemical), and Science are eligible.

Chemistry IB (ordinary level) provides a sound foundation for a further study of Chemistry, or any chemically based subsequent course. This chemistry course is built on satisfactory prior knowledge of the Chemistry component of the Science multistrand HSC course. Revision of basic concepts of the school course is given in Lent term.

Lectures: About eighty lectures throughout the year in each course.

Practical work: Twenty-seven 3-hour sessions, one per week throughout the year in each course.

Examination: An examination is held at the end of Lent term and final examinations are given at the end of each course. Students are advised at the beginning of the year concerning additional forms of assessment which are taken into account.

INTERMEDIATE COURSES

Fully detailed information sheets on the courses and textbooks are available in the Chemistry School. All students who intend to take a Chemistry Intermediate course should interview one of the Chemistry School advisers on duty in the Faculty Office. Students must also register in the school during the orientation period. The following courses are offered:

Chemistry II (Normal) — 8 units

Lectures: A course of one lecture per week throughout the year in each of inorganic, physical and organic chemistry. In Trinity term there is an additional lecture per week in organic chemistry.

Practical Work: A course of five hours per week for one term in each of the inorganic and physical laboratories and five hours per week for seven weeks in the organic laboratories. Attendance for only two afternoons per week is required.

Chemistry II (Long) — 10 units

Lectures: A course of four lectures per week throughout the year. The 108 lectures are divided into 45 of organic, 27 of inorganic, 27 of physical and 9 of theoretical chemistry.

Practical work: A course of six hours per week for one term in each of the inorganic, organic and physical laboratories. Attendance for only two afternoons per week is required.

Chemistry II Auxiliary — 4 units

Lectures: A course of one lecture per week throughout the year in each of organic and physical chemistry. In Trinity term there is an additional lecture per week in organic chemistry.
Tutorials: One compulsory tutorial per week throughout the year on physical chemistry.
Practical work: A course of 3 hours per week for six weeks in the organic laboratory in Michaelmas term, and three hours per week for six weeks in the physical laboratory commencing in the first week of either Lent or Trinity term.

SENIOR COURSES

Fully detailed information sheets on the courses and textbooks are available in the Chemistry School. All students who intend to take a Chemistry Senior course, in addition to interviewing one of the Chemistry School advisers on duty during the enrolment period, are also required to consult the student advisers in the Chemistry School about the selection of their Chemistry courses when they register in the School during orientation.

The following courses are offered:

Chemistry III — 12 units

Lectures: A course of four lectures per week throughout the year. Each student must take a minimum of eighteen lectures in each of inorganic, organic, physical and/or theoretical, chemistry. The remaining 54 hours of lecture time may be devoted to one of several possible combinations of inorganic, organic, physical and theoretical chemistry. Details of these options and the textbooks required for them are available in the Chemistry School.
Practical work: A course of eight hours per week for one term in each of the inorganic, organic and physical laboratories. For students taking some theoretical chemistry options, a portion of the laboratory practical work is replaced by a theoretical workshop class.

Chemistry III and Chemistry III Advanced — 24 units

Lectures: A course of eight lectures per week throughout the year. Each student must take a minimum of 27 lectures in each of inorganic, organic and physical chemistry, a minimum of 9 lectures in theoretical chemistry and, in addition, a general course of 18 lectures on instrumentation and computing. The remaining 108 hours of lecture time may be devoted to one of several possible combinations of inorganic, organic, physical and theoretical chemistry. Details of these options and the textbooks required for them are available in the Chemistry School.
Practical work: A course of 16 hours per week throughout the year. A minimum of 108 hours in each of the inorganic, physical, and organic laboratories is compulsory. The remaining 108 hours of practical work time are spent in one or more of the laboratories according to the student's lecture programme.

For students taking some theoretical chemistry options, a portion of the laboratory practical work is replaced by a theoretical workshop class.

Chemistry Honours

Students of sufficient merit may be admitted to fourth year courses and may then graduate with Honours in one of the following: Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Theoretical Chemistry.

They are required:

(a) to carry out research work under the direction of a supervisor;
(b) to submit a report in the form of a thesis on this work;
(c) to attend such lectures and colloquia, etc., as directed;
(d) to answer, satisfactorily, written examinations, which may include translations of German chemical passages.

Further details are available from the respective professors from whom information about higher degree requirements can also be obtained.

COMPUTER SCIENCE

Computers allow the embodiment of abstract methods for the design and manipulation of information. The subject, computer science, is both very abstract and very practical. Through most of the courses this is reflected in parallel streams of lectures on the theoretical and the practical aspects of computers.

In the first year, the language Pascal and the operating system UNIX are used as vehicles for the study of algorithms, data structures, and computer systems. Fortran is also introduced later in the first year. In later years, more and more complex systems are introduced, together with the conceptual tools to understand them.

The main stream of this subject is studied in first, second, third and fourth (honours) years in the faculties of Arts, Economics and Science, although some courses may be studied in Engineering. Fuller details of courses are available from the Basser Department of Computer Science.

JUNIOR COURSE

Computer Science I — 6 units

An introductory course in algorithms, programming languages, computing machines and systems, computer usage, and discrete structures. Three lectures and three hours of practicals per week. HSC 2 unit Mathematics is assumed.

INTERMEDIATE AND SENIOR COURSES

Computer Science II — 8 units

This is an intermediate course. The topics covered include programming, machine principles and operating systems, data and file structures, digital logic, numerical methods, languages and translators, and theoretical computer science. A first year mathematics course and Computer Science I are the prerequisites.

Computer Science III — 12 units

This is a senior course. There are about 7 lectures and 4 hours of tutorials and practical work per week. Topics covered include operating systems, data base systems, computing milieu, software engineering, computer architecture, compiler construction, advanced programming, numerical analysis A, analysis of algorithms, computability and complexity, numerical methods in operations research science and engineering, computer graphics and image processing, numerical analysis B, advanced digital machinery, and communications and networks.

The prerequisites are Computer Science II and Pure Mathematics II or Applied Mathematics II or Mathematical Statistics II.

Computer Science IIIE 8 units
Operating systems, data base systems, computing milieu, software engineering, computer architecture, compiler construction, advanced programming.

Computer Science IIIE Advanced 14 units
As for Computer Science IIIE with in addition: numerical analysis, analysis of algorithms, computability and complexity, communications and networks, advanced digital machinery, operations research, graphics.

Computer Science Honours
Open to students of sufficient merit who have completed Computer Science III. The course consists of practical program development and computer science research plus a selection of lectures on such topics as graph algorithms and related topics, formal systems, advanced computer graphics and image processing, microprocessor systems, queuing systems, VLSI, parallel computation, symbolic and algebraic computation, system reliability and measurement, computer networks, string processing, robotics, data communication and signal processing, advanced computer architecture, linear systems, information and coding theory, design of computing machinery, and history of scientific calculating devices.

DIPLOMA IN COMPUTER SCIENCE
This is a postgraduate diploma course of study and research.

The prerequisites are Pure Mathematics II and Computer Science II at the University of Sydney, or equivalent courses elsewhere if approved by the Faculty of Science.

Candidates must complete courses in:
(a) mathematics
(b) computer science

The mathematics course (a) must be either Pure Mathematics III (B) or Applied Mathematics III (B) or Mathematical Statistics III (pass) of the Faculty of Science or Advanced Operations Research of the Faculty of Economics.

The computer science course covers topics in Computer Science III.

The diploma may at present be taken full time or part time.

GEOGRAPHY
Geography is an extremely varied and versatile subject covering a broad spectrum of knowledge. From its Greek semantic origin, geography has been principally concerned with earth description, but modern geography is concerned with man's relationship with the earth within a scientific and highly structured framework. Today, geography primarily deals with identification, analysis and interpretation of spatial distributions of phenomena and their areal associations. It is essentially involved with places, locations, territory, distance and process interaction within the earth-space environment.

The principal strands of study in this department are coastal geomorphology, hydrogeomorphology, economic geography, historical geography, social geography, and environmental management. As geography is basically a field science, emphasis is placed on the real world rather than abstractions. Fieldwork and excursions are compulsory and students contemplating any course are urged to consider the relevant requirements before enrolment. Outlines of courses are given in the Handbooks of the Faculties of Arts, Science and Economics, and specific details on courses and other matters in the Departmental Handbook available from the Secretary, Institute Building, by early February.

Special Geography Sequence (Science Students)
A student who has not taken the course Geography I, but is a candidate for the degree of Bachelor of Science and has completed a Junior Mathematics course and one of Chemistry I or Physics I, may apply through the Registrar to enrol in the Intermediate Geography course, Geography II.

The department is not prepared to support applications from persons other than those who in their first year of studies have completed four junior courses above the terminating pass grade and have not subsequently failed in any intermediate courses, except in cases where special merit has been displayed in one or more subjects.

Note: Some courses may be rescheduled to allow for expected staff changes.

JUNIOR AND INTERMEDIATE COURSES
Geography I (morning or afternoon course)
The course extends over three terms with three lectures and two hours of laboratory work weekly. Morning lectures are repeated in the afternoon.

Physical Geography
A systematic approach to modern physical geography with emphasis on geomorphology.
Introduction to Human Geography
Systematic study of location and distribution of economic activities, use of resources and development problems.

Geography II
The course extends over three terms with three lectures and the equivalent of five hours' assignment work (which may comprise tutorials and/or individual course work including fieldwork) weekly. Additional class work is required from students in the honours school. The following courses are offered:

MORNING COURSE
This year the course comprises:
Principles of Geomorphology: Global Forms and Processes—principles of major earth surface forms (nature and formation of continents and oceans) and atmospheric processes (climatology and hydrology).

OR

Principles of Geomorphology: Applied—the nature of, and man's use of, two dynamic environments—the continental margins (especially the coastal zone) and geological hazards in general (e.g. earthquakes, volcanoes, mass movement etc.)

Principles of Geomorphology: Regional Forms and Processes—a study of spatial variation in rock weathering and pedological development.

OR

Fluvial Morphology and Cold Climate Geography: Applied—an introduction to fluvial geomorphology and cold climates. Emphasis will be on man-induced changes to catchments and channels and interrelationships between climate and landforms.

Principles of Geomorphology: Rivers and Coasts—an introduction to environmental factors responsible for

geographic variation in rivers and coasts with emphasis on morphology and sedimentation.

OR

Economic Geography: The Earth and its Resources—distribution of earth's resources and a study of principles underlying society's spatial economic patterns.

AFTERNOON COURSE

Social Urban Geography: Society and Space—theory, methodology and findings of social geography that have emerged out of the study of the modern city by urban geographers and sociologists.

Introduction to Historical Geography: Peopling the Earth—historical geography of overseas colonisation, with an emphasis on the settlement of Australia in the nineteenth century.

Economic Geography: The Earth and its Resources—distribution of earth's resources and a study of principles underlying society's spatial economic patterns.

SENIOR COURSES

Geography III

This course extends over three terms with three lectures and the equivalent of nine hours' assignment work (which may be comprised of tutorials and/or individual course work, including fieldwork) weekly. Tutorial session times will be arranged as required at the first lecture in Lent term. Additional work is required from students in the honours school. Two courses are offered—

Geography IIIP (Physical); Geography IIIE (Economic). Students may select either or both of these, although those proposing to proceed to Geomorphology IV or to work on some physical topic in Geography IV are required to take Geography IIIP (Physical). This year, lectures in Geography IIIP will be held in the morning and Geography IIIE in the afternoon.

Individual courses selected from options within IIIP and IIIE may be combined to make up Geography III, provided only one course is taken per term and that any specified prerequisite has been met. Students intending to select a combination from both IIIP and IIIE MUST write 'Geography IIIE/P' on both their university and departmental enrolment forms. Students may also enrol in IIIP and IIIE to count as separate third-year courses (see below).

Geography IIIP (Physical)

This year, the course includes:

Coastal Morphodynamics—this course is concerned with the interactions between coastal depositional morphologies and the fluid dynamic processes responsible for them.

OR

Geomorphology: Weathering and Erosion—a study of weathering and erosional processes with application to urban and rural environments.

Coastal Depositional Environments—the terrestrial, marine, atmospheric and biological parameters that combine to produce characteristic coastal depositional environments and their evolution during the Quaternary and Recent periods. Environments examined will be representative of Australia's and the world's coasts. Local environments (barriers, estuaries, deltas) will be examined on one-day field excursions.

OR

Hydrogeomorphology—a detailed analysis of water and sediment movement in channels, and with adjustments caused by changing water and sediment discharges. The latter can be affected by natural climate changes or by man-induced modification to the catchment and/or the channel.

Coastal Zone Settlement and Management—this course will aim at developing an understanding of the interaction between man and the physical environment in the coastal zone. It will examine some of the philosophies by which man has been guided in his approach to coastal resources, and the ways in which he has used or modified these resources for gain or pleasure. Field experience will form an important part of the course.

OR

Tropical Geoecology—a study of inter-Tropic areas, especially the Philippine Islands, as environments that humans have come to inhabit along with other living things, habitats in which humans gain their nourishment more or less adequately, often suffer disease and may die prematurely.

Geography IIIE (Economic)

This year, the course includes:

Recreation Geography and Regional Planning—concepts and approaches to the geography of recreation and an examination of the state of outdoor recreational planning in Australia.

OR

Urban Economic Geography—study of the major economic forces shaping urban growth; the location and change of land uses within the city; the operation of the urban property market.

Advanced Social Geography—consideration of theories of social process and their links with spatial form. These theories will be examined with respect to social and cultural changes.

OR

Agricultural Land Settlement and Management—Man-Environment location studies of selected Australian and overseas agricultural settlement.

Third World Development—assessment of development problems and prospects in the Third World with an emphasis on (a) the evolution of theories of development and underdevelopment, particularly their contribution to understanding of continued poverty and inequality in the Third World; and (b) urbanisation, migration, housing and industrialisation.

OR

Advanced Historical Geography—an exploration of the possibilities for a humanistic historical geography, drawing upon the output of creative art and literature as evidence for man's evolving relationship with the natural environment.

Geography III as two third year courses

Students may elect to do two courses in Geography III, counting them as two third year subjects. This year the courses available will be Geography IIIP and Geography IIIE. However, all students considering a double course should consult a faculty adviser to ensure that their course sequences conform to the by-laws.

Geography Honours

Students who have passed one of the courses in Geography III at honours level may proceed to an appro-

priate course in Geography honours. Those choosing physical topics must have majored in Geography IIIP: they may elect to do either Geography or Geomorphology honours (see below).

Students contemplating honours are required to consult the Head of Department through Associate Professor J. Rutherford (who is generally responsible for studies in Geography IV) as soon as possible after the publication of third year results concerning choice of topic and the appointment of a staff supervisor. Preliminary work should begin shortly after the publication of these results.

Fourth year students are required to undertake formal course work during Lent term and to sit for a term examination, and also to participate in seminars throughout the year as arranged. They will be required to study original problems, working as appropriate in the field, the laboratory, libraries, and in conjunction with other university or government departments. A dissertation of not more than 10 000 words must be submitted in Michaelmas term, followed by an examination, which may include both written and oral examinations on the entire year's work.

The main physical topics at present available relate to coastal morphology and dynamics; fluvial morphology; arid zone morphology; soil morphology; deep weathering; biogeography; resource management. These topics normally require instrumented field work and laboratory work. A wide range of non-physical topics is available.

Geomorphology Honours

Students who enter fourth year through Geography IIIP and who choose to work on landform studies, may elect to proceed to an honours degree in Geomorphology in lieu of Geography. General course requirements are identical with those listed for Geography honours.

GEOLOGY AND GEOPHYSICS

JUNIOR COURSE

Geology I — 6 units

Lectures: A course of about 80 lectures provides a conspectus of earth sciences and includes an account of recent advances.

Practical and field work: One three-hour period per week is allocated to practical work, which consists of laboratory studies on topics related to preceding lectures. Several compulsory field excursions are run through the year and may replace some of the periods for practical work.

Students who have not studied geology previously are advised to read an elementary textbook such as McDonnell, Massey and Tebbutt *Enquiring into the Earth*, Ch. 1-15 (Longmans, 1968) or Branagan (ed.) *Beneath the Scenery* (Science Press, 1976). Geological displays relevant to Geology I are to be seen at the Australian Museum, College Street, Sydney, and the Mining Museum, George Street North, Sydney.

INTERMEDIATE AND SENIOR COURSES

All senior courses offered by the department are divided into smaller courses of equal size (course modules). By selecting different course modules some choice is available. All students should study carefully the list of course modules given below, as well as their prerequisites, and consult departmental advisers as to the most suitable combinations.

A detailed timetable of course modules is available from the secretary of the department and this should also be studied as it provides an additional constraint on possible combinations of course modules.

Senior course modules		Prerequisite
3001	Advanced Field Studies	—
3101	Igneous Petrology	—
3102	Ore Deposits	—
3103	Micropalaeontology and Palaeoecology	—
3104	Sedimentary resources	—
3105	Sedimentology	—
3106	Solid Earth Geophysics	—
3107	Geology for Geophysicists	—
3108	Potential field analysis	Comb. Maths II or Applied Maths II or Pure Maths II
3201	Geotectonics	—
3202	Metamorphic Petrology	—
3203	Mineralogy	—
3204	Regional Geophysics	—
3205	Biostratigraphy	—
3206	Advanced Igneous Petrology	—
3207	Ore Petrology	—
3208	Engineering Geophysics	—
3209	Geophysics of Sedimentary Basins	—
3210	Advanced Sedimentology	—
3211	Marine Geology	—
3301	Evolution of the Australian Continent	—
3302	Geochemistry	—
3303	Engineering Geology	—
3304	Palaeobiology	—
3305	Mining Geophysics	—
3306	Structural Analysis	—
3307	X-ray Mineralogy	—
3308	Basin Studies	3209
3309	Data Analysis	—
3310	Coal and non-metallics	—
3311	Petroleum Geology	—
3312	Advanced Metamorphic Petrology	—
3313	Marine Geophysics	Maths I
3314	Linear Systems	Comb. Maths II or Applied Maths II or Pure Maths II

Geology II — 8 units

Prerequisite: Chemistry I

A course of about 220 hours (lectures and practicals).

Students intending to major in Geology are required to undertake the following courses:

211 Introductory Geochemistry
212 Palaeontology
221 Petrology
222 Sedimentation and Stratigraphy
231 Structural Geology
232 Australian geology

Field studies: All students are required to attend short field excursions as arranged, in addition to long excursions of at least one week's duration, held in the May and August vacations. Short reports for these latter excursions must be submitted.

Introductory Geophysics — 4 units

Earth physics and introduction to basic geophysical theory; physical properties of rocks and categories of rocks; density, magnetic susceptibility, resistivity and other important rock properties; geological problems and geophysical modelling.

Geology III — 12 units

A course of about 320 hours (lectures and practicals).

This is the core course in geology at the senior level. A student must therefore include the following course modules in the course of study:

3101 Igneous Petrology
3102 Ore Deposits
3103 Micropalaeontology and Palaeoecology
3104 Sedimentary Resources
3105 Sedimentology
3106 Solid Earth Geophysics
3201 Geotectonics
3202 Metamorphic Petrology
3301 Evolution of the Australian Continent
3000 Field Studies

Geology III Advanced — 12 units

A course of about 320 hours (lectures and practicals).

This course permits specialisation in some branch of geology.

Students in this course will study nine modules, four in Trinity term and five in Michaelmas term. Students enrolling in this course *must consult* a departmental adviser for Geology III; advanced modules will be available in groups as follows: A, 'hard rock' geology: B, 'soft rock' geology; C, economic/engineering geology.

Entry into this course is at the discretion of the head of department and is determined by the performance in the intermediate year. Geology III is a corequisite of Geology III (Advanced).

Field studies: All students must enrol in module 3001.

Exploration Geophysics — 12 units

A course of about 320 hours (lectures and practicals). In order to be credited with this course a student must include the following course modules in the course of study:

3106 Solid Earth Geophysics (unless Introductory Geophysics previously completed)
3204 Regional Geophysics
3208 Engineering Geophysics
3209 Geophysics of Sedimentary Basins
3305 Mining Geophysics

Field studies: All students are required to undertake prescribed field work.

Geophysics — 12 units

Geophysical data analysis—mathematical and statistical; linear system theory; geocomputing methods; geophysics of sedimentary basins, structural and regional geophysics, mining geophysics, engineering geophysics; the elements of geology important in geophysical interpretation.

Honours in Geology and Geophysics

Suitable qualified students may take honours in either Geology and Geophysics or Applied Geology and Exploration Geophysics. In both degrees students are required to carry out a research project under the direction of a supervisor and submit a thesis embodying the results of this investigation. However, with honours in Applied Geology and Exploration Geophysics, there is more emphasis on formal course work in applied fields such as engineering geology, environmental geology, exploration geology and exploration geophysics.

Further details are available from the Head of Department from whom information regarding higher degree requirements can also be obtained.

Mining Geology

See the Engineering Handbook for details of courses in Geology that students in Mining Engineering are required to complete.

Geology for Civil Engineers

See the Engineering Handbook for details of courses in Geology that students in Civil Engineering are required to complete.

DIPLOMA IN RESOURCE GEOLOGY

The Postgraduate Diploma in Resource Geology is designed to provide specialist training in applied aspects of geology. It has been introduced especially for pass graduates in geology intending to enter industry.

Candidates for the diploma are required to be graduates of the University of Sydney who have completed Geology III (Ordinary), or graduates in Bachelor of Engineering (Mining), or graduates of another university who have qualifications accepted as equivalent by the Faculty of Science and the Academic Board.

The diploma can be completed in one year, or can be spread over two years on a part-time basis.

The coursework for the diploma consists of 20 units chosen from senior and senior advanced course modules, as well as honours courses in Applied Geology and Exploration Geophysics. Certain courses in the Faculty of Engineering are also available. In addition candidates prepare a report embodying the results of a field and laboratory investigation, and undertake such field work as may be prescribed.

The courses offered in the Faculty of Engineering that may be included in the diploma are:

3.023	Engineering Mathematics	3 units
3.241	Soil Mechanics	3 units
3.251	Surveying I	3 units
3.301	Mining Engineering	3 units
3.630	Analytical Methods	2 units
3.460	Introductory Industrial Organisation and Management	1 unit
4.629	Mineral Processing	2 units

With the approval of the Head of Department of Geology and Geophysics, 6 units from courses offered in the Faculty of Science or in the Faculty of Engineering other than those listed above may be counted towards the diploma.

HISTOLOGY AND EMBRYOLOGY

INTERMEDIATE COURSE

Introductory Histology — 4 units

This course consists of one lecture and one three-hour practical period per week. The course is designed to give a grounding in microscopic and electron microscopic anatomy and to indicate the present lines of advance in the more basic aspects of tissue structure and function.

SENIOR COURSE

Histology I — 12 units

The course consists of four lectures and approximately eight hours' practical work per week. The lecture course deals with selected topics in cellular biology (chosen from the fields of comparative histology, comparative chemical and causal embryology, histogenesis, cell physiology and cytology) and with special methods used in modern histological and embryological research. The practical course is designed to give a grounding in histological interpretation and in the principles of histological and embryological techniques. It includes training in selected experimental embryological techniques, in routine histological methods, histochemistry, cell fractionation, special methods of microscopy (qualitative and quantitative) and the preparation and examination of materials with the electron microscope.

Histology Honours

Most of the student's time will be spent working on a specific research project about which a thesis must be submitted at the end of the course. Reading around selected topics in Histology and Embryology and the preparation of essays thereon are also required.

HISTORY AND PHILOSOPHY OF SCIENCE

Perspectives on Science and Technology — 4 units

A course of about 52 lectures and 21 seminars intended primarily for students in the Faculty of Science who are qualified to take Intermediate courses. It may also be taken by students in the Faculty of Engineering. In addition, segments of the course may be taken by students from the Faculty of Arts as part of second or third year General Philosophy, and by students from the Faculty of Economics as an Intermediate Short course within second or third year Economic History.

Knowledge and Belief
First half-year.

Philosophical, historical and sociological analysis of the relationship between science and religion. Subtopics: Testability and metaphysics. Dogmatism in science and religion. Freewill and indeterminism. Natural law and divine action. Creationism versus evolutionism.

Technology and Society
Second half-year.

Historical, philosophical and sociological analysis of the role of technology in the modern world. Subtopics: Science and the Industrial Revolution. Technology and ideology. The periodisation of technological development. Science and World War II. The Microelectronics Revolution. Alternative technology.

MATHEMATICAL STATISTICS

The Department of Mathematical Statistics is concerned with the theory of probability and the mathematical methods of statistics and their applications to such problems as statistical inference, estimation, prediction, the design of experiment, the design of sample surveys and the analysis of quantitative data, affected by a multiplicity of causes or chance factors.

Courses provided by the department are designed to provide a knowledge of statistical techniques for students specialising in other fields and also to give training to those who wish to become professional statisticians, university teachers and research workers.

The standard courses given in the department are:

General Statistical Methods (first year, a terminating course in the Faculty of Arts); Mathematical Statistics II, Pass and Honours (second year); Statistical Methods (second year; an Intermediate auxiliary four-unit course in the Faculty of Science); Mathematical Statistics III, Pass and Honours (third year); Mathematical Statistics IV, Honours (fourth year).

These are all qualifying courses in the Faculty of Arts and the Faculty of Science.

The course General Statistical Methods has no formal prerequisite but knowledge of Higher School Certificate Mathematics at the 2 unit or 2 unit A level is assumed.

For entry into the Mathematical Statistics II class, a student is required to have passed in Mathematics I or General Pure Mathematics (the last at credit standard) or some equivalent examination. For entry into the honours class it is desirable that a student should have reached at least credit standard in Mathematics I or a similar standard in some equivalent examination. There is no formal prerequisite for entry into the Statistical Methods class. It is expected however that most students will have passed in General Pure Mathematics.

For entry into the Mathematical Statistics III class, a student is required to have passed in Mathematical Statistics II and Pure Mathematics II or some equivalent examinations. For entry into the honours class it is desirable that a student should have reached at least credit standard in Pure Mathematics II. Students taking Mathematical Statistics III Honours, are strongly advised to take Pure Mathematics III.

All students intending to proceed to honours in Mathematical Statistics are advised to consult the Professor of Mathematical Statistics *before the end of their second year* in the Faculty.

General Statistical Methods

This course is designed primarily for students in the humanities who need some knowledge of statistical methods. It extends over the whole year at the rate of three lectures and one tutorial per week. It is intended for students with rudimentary mathematical attainments and is centred on real examples and minimal algebra.

Mathematical Statistics II

Pass and honours: During Lent term, pass and honours students attend each week five lectures, one tutorial and one two-hour class for statistical calculations, at which calculating machines are available. During Trinity and Michaelmas terms honours students are in a separate class for part of the course.

Statistical Methods

The course extends over the whole academic year. There are two lectures and two hours of tutorial and practical work each week. The course is designed primarily for students of biological and other sciences, who need some knowledge of statistical methods.

Mathematical Statistics III

Pass and honours: Lectures, tutorials and practical work. Continuation of general statistical theory and probability theory. Courses on analysis of variance and experimental design. Additional lectures for honours.

Honours course

Courses of lectures will be given in a selection of advanced topics in the theory of probability and statistics. Students may also attend selected courses in Pure Mathematics Honours. Each student will be expected to prepare an extensive written report and give an hour's lecture on some topic not covered in the lectures.

Ability to read mathematics and statistics in one of the languages French, German and Russian is a requirement for the honours course.

APPLIED MATHEMATICS

The Department of Applied Mathematics is concerned with the development of mathematical methods and their application in particular contexts which may arise in the Natural Sciences, Engineering, Economic or Social Sciences. The department acts

both as a service department, giving training in mathematical methods to students who will specialise in other subjects, and as a department for training applied mathematicians. While mathematical rigour is not neglected, particular emphasis is given to questions such as the treatment of observational data, the development of mathematical models which are relevant to particular contexts, and to questions of scientific inference.

Courses offered

The department offers the course Mathematics I jointly with the Department of Pure Mathematics, providing an introductory course in Mechanics and contributing equally to the mathematical methods section of this course. For students in the Faculty of Engineering, the course Mathematics IE is offered jointly with the Department of Pure Mathematics, and the course Mechanics IE jointly with the School of Physics.

In second and higher years, in the Faculty of Arts, the department offers the courses Applied Mathematics II, Applied Mathematics III and Applied Mathematics IV.

In the Faculty of Science the department offers, in addition to the above courses, Mathematical Methods II (4 units) and Combined Mathematics II (12 units) jointly with the Department of Pure Mathematics. The 4-unit course is offered as a service for students with interests in other directions. However, the content of this course is included in Applied Mathematics II and may be taken as an optional part of Pure Mathematics II. Combined Mathematics II includes Mathematical Methods together with the non-overlapping sections of Pure Mathematics II and Applied Mathematics II. Students taking both Pure Mathematics II and Applied Mathematics II may not obtain credit for the Methods section in both courses.

Under conditions laid down by the by-laws of the Faculty of Science, students may transfer to the Faculty of Science, after completing Engineering II and may take, as qualifying courses for the BSc degree, Applied Mathematics III at the pass level (as a unit for the pass degree) or Applied Mathematics III at the honours level, and Applied Mathematics IV (for an honours degree). They may then return to the Faculty of Engineering to resume their courses for the BE degree.

All the above courses except Mathematical Methods II and Applied Mathematics IV are given at both an honours and a pass level. Applied Mathematics IV is an honours course in the Faculties of Arts and Science.

The department also provides courses in Engineering Mathematics for third and fourth year students in the Faculty of Engineering.

Entrance requirements and first year courses

The requirements for entry into the Mathematics I honours and pass classes are as set down under Pure Mathematics and include the following:

For entry to the Mathematics I course, a knowledge equivalent to the 3-unit Mathematics course at the HSC is assumed. Students who do not have this knowledge are required to attend a bridge course in Mathematics held in February. All students are required to register with the departments of Mathematics during the orientation period, where members of the departments will advise students whether to enrol for the pass or honours classes. Students who wish to enter the H level class should have performed satisfactorily in the 4-unit Mathematics course or at a higher standard in the 3-unit course.

The examinations consist of two 1½-hour papers at the end of each term, one on the lectures given by this department and the other on the lectures given by the Department of Pure Mathematics. Each paper is divided into Sections A and B, the former being concerned with the honours course and the latter with the pass course. A candidate's result is decided on the basis of all six papers.

In the pass course, a candidate may be awarded a pass, or, if high marks are gained, a credit. In the honours course, a candidate may be awarded a mark of pass, credit, distinction or high distinction. Candidates seeking only a pass are strongly advised not to attempt the Section A of any of the papers. On the other hand, a candidate cannot be considered for distinction unless Section A of each paper is attempted.

Mathematics IE and Mechanics IE are corequisite courses in the Faculty of Engineering. The assumed standard of knowledge is equivalent to the 3-unit Mathematics course and the 4-unit multistrand Science course (or 2-unit Physics) at the HSC. Examinations are held at the end of each term.

Second year courses

A prerequisite to entering the pass class is a pass or better in Mathematics I, or Mathematics IE and Mechanics IE; to the honours class, normally at least a credit. In exceptional cases, however, a senior member of the department may advise a student with only a pass to take the honours course.

Third year courses

A prerequisite to entering the pass course in Applied Mathematics III is a pass or better in Applied Mathematics II or Combined Mathematics II; to the honours course, normally at least a credit in the second year honours course.

Students taking the Applied Mathematics III Honours course, and intending to seek honours in Applied Mathematics IV, are in general strongly advised to take the full Pure Mathematics III Honours course. However, after consultation with a senior staff member, students may be encouraged to take, instead of Pure Mathematics III, third year courses in Physics, Physical Chemistry or Geology. In exceptional cases, students may be allowed to take an Advanced course in Applied Mathematics III, which consists of the full Applied Mathematics III Honours course, and additional work in Mathematical Statistics, Pure Mathematics or Physics.

Fourth year course

Applied Mathematics IV is an honours course and the normal entry requirement is the grade of distinction or better in Applied Mathematics III. Students who have attended the honours course in Applied Mathematics III and have obtained a credit may also be permitted to enter the fourth year course at the direction of the Head of Department.

Students seeking honours will be required to attend a selection of the lecture courses in Applied Mathematics IV to be decided in consultation with the lecturer in charge of the course. The term examinations will consist of papers covering all these courses.

In addition, each student is required to present a project, involving the collation of work in books or papers on some topic in Applied Mathematics; he is required to consult with a senior member of the department before 31 March on the selection of the topic, and the project must be completed not later than the last week of the Trinity term. The work for the project is reckoned as equivalent to the mark value of three topics or options of the year's requirements.

Postgraduate courses
Postgraduate courses in astrophysics, relativity, time series analysis and other topics are given in the Department of Applied Mathematics according to demand and availability of staff.

Mathematics I
(Given jointly with the Department of Pure Mathematics.) Lectures given by the Department of Applied Mathematics will deal with vectors, particle dynamics, differential equations and other selected topics from Calculus and Mathematical Methods.

Mathematics IE
(Faculty of Engineering only)
(A 5-unit course given jointly with the Department of Pure Mathematics.) Lectures by the Department of Applied Mathematics will deal with problem solving, functions of several variables and differential equations.

Mechanics IE
(Faculty of Engineering only)
(A 3-unit course given jointly with the School of Physics.) Lectures by the Department of Applied Mathematics will deal with vectors, statics of particles and rigid bodies, dynamics of particles and particle systems, as well as an introduction to two-dimensional rigid body dynamics.

Mathematical Methods II
(Faculty of Science only)
(A 4-unit course given jointly with the Department of Pure Mathematics.) Vector analysis, differential equations, complex variable.

Applied Mathematics II — 8 units
PASS COURSE
Methods section: As for Mathematical Methods II.
Context section: One of:
Series 1—Probability Theory, Operations Research, Introduction to Computational Mathematics;
Series 2—Dynamical Systems, Wave Motion, Hydrodynamics.

HONOURS COURSE
Stochastic Models, Dynamics, Graph Theory, Vector Calculus, Cartesian Tensors, Deformable Media, Special Relativity, Waves, Fourier Analysis and Special Functions.
Note: The Methods Section of the pass course is also available as an optional part of Pure Mathematics II. However, it may not be counted twice by students taking both Pure Mathematics II and Applied Mathematics II.

Combined Mathematics II — 12 units
(Faculty of Science only)
(12-unit intermediate course)
PASS COURSE
As for Applied Mathematics II Pass course together with the pass level Algebra Option for Pure Mathematics II.

HONOURS COURSE
As for Applied Mathematics II Honours course together with the honours level Algebra Option of Pure Mathematics II.

Applied Mathematics III
PASS COURSE
Scientific Inference, Dynamical Systems, Operations Analysis, Special Relativity, Applications of Partial Differential Equations, Graph Theory, Electromagnetism, Random Processes, Biomathematics.

HONOURS COURSE
Scientific Inference, Mathematical Methods, Coding Theory, Numerical Methods, Probabilistic Models in Operations Research, Fluid Dynamics, Electromagnetism, Dynamics, Relativity.

Applied Mathematics IV (Honours)
The course structure involves a core consisting of the topics singular perturbations, asymptotic methods, transforms, and partial differential equations. Additionally, lectures will be given on a selection of topics from astrophysics, geomagnetism, integro-differential equations, electromagnetism and magnetohydrodynamics, general tensors, quantum mechanics, field theory, differential geometry, general relativity and cosmology, solid state physics, communications theory, visco-elasticity, structure of the Earth, and possibly other topics.

Engineering Mathematics
Functions of a complex variable, transforms, numerical analysis.

PURE MATHEMATICS
The Department of Pure Mathematics provides courses with two main aims; one of these is the equipping of students with the background of mathematical knowledge, understanding and skill necessary for courses in applied mathematics, in all branches of science, physical, biological and social, and in engineering and the applied sciences generally. The other is the provision of the training in pure mathematics necessary for those who wish to make a career in mathematics, either teaching at the high-school level, teaching and research in universities, or in statistics, high-speed computation, or one of the many avenues where highly-developed mathematical ability and a thorough knowledge of modern mathematical techniques are required.

The courses offered by the department are:
(a) The main Pure Mathematics courses:
Mathematics I
Pure Mathematics II
Pure Mathematics III
Pure Mathematics IV, Honours
(b) One four-unit Auxiliary Intermediate course in the Faculty of Science:
Mathematical Methods II.
(c) One twelve-unit Combined Intermediate course in the Faculty of Science:
Combined Mathematics II
(d) One twelve-unit Senior Advanced course in the Faculty of Science:
Pure Mathematics III Advanced
(e) General Pure Mathematics.
(The courses Mathematics I, Mathematical Methods II and Combined Mathematics II are taught jointly by the Departments of Pure and Applied Mathematics.)

A. The main Pure Mathematics courses
The department provides the Pure Mathematics section of the first year course Mathematics I. This is followed by courses Pure Mathematics II, Pure Mathematics III and Pure Mathematics IV (Honours).

All these courses are qualifying courses in the Faculty of Arts and the Faculty of Science. Students in the Faculty of Engineering are required to complete parts of the courses Mathematics I and Pure Mathematics II. Under conditions laid down in the by-laws of the Faculty of Science, they may transfer to the Faculty of Science after completing Engineering II and may take, as qualifying courses for the degree of BSc, Pure Mathematics III (as a unit of the pass degree) and Pure Mathematics IV (for an honours degree). They may then return to the Faculty of Engineering to resume their course for the BE.

All the above courses, except Pure Mathematics IV, are given at both an 'H' (or honours), and a 'P' (or pass) level. For entry into the P level of Mathematics I, students are required to have a knowledge of Mathematics sufficient to have enabled them to pass in the 3-unit Mathematics course at the HSC or some equivalent examination. Students who lack such knowledge are required to attend a bridge course in mathematics, held in February. For entry into the H level of Mathematics I, students are required to have a knowledge of mathematics sufficient to have enabled them to perform satisfactorily in the Mathematics 4-unit course, or at a higher standard in the 3-unit course, at the HSC examination. All students are required to register with the department of Pure Mathematics during the orientation period. Members of the department are available during the enrolment and orientation periods to advise students on selection of courses.

All students who have passed Mathematics I are eligible to proceed to Pure Mathematics II. Students who have taken Mathematics I at the H level and been awarded at least a credit or pass with merit may proceed to the H level of Pure Mathematics II; only in exceptional cases will other students be allowed to proceed to the H level.

Students who have passed Pure Mathematics II are eligible to proceed to Pure Mathematics III. Only those students who have taken Pure Mathematics II at the H level and been awarded a credit (or better) may proceed to the H level of Pure Mathematics III.

A number of options are available within Pure Mathematics II and Pure Mathematics III. Students taking both Pure Mathematics II and Applied Mathematics II have some degree of choice in the proportions of Pure and Applied Mathematics making up this course.

The examinations in the Pure Mathematics section of Mathematics I and in Pure Mathematics II and III are normally held at the end of each term.

The award of distinction and high distinction is usually only given to students who attend the H level courses but in rare cases the award of distinction has been given to a student who took the P level courses.

Supplementary examinations: In the supplementary examinations, papers will be set only on the work at the P (Pass) level. No papers will be set at the H level. A student who sits for the honours papers at the annual examination and fails, and who, having been granted permission to do so, sits for the supplementary examination, will be required to take papers at the P level.

Honours: Intending honours candidates in the Faculty of Arts are required to notify the Head of the Department of their intention to proceed to honours before beginning Pure Mathematics II. A mark of credit or better in each of Mathematics I, Pure Mathematics II and Pure Mathematics III is the usual prerequisite for entry to Pure Mathematics IV. No student is allowed to enter Pure Mathematics IV who has not taken the H level courses in Pure Mathematics III.

Intending honours candidates in the Faculty of Science are required to notify the Head of Department of their intention to proceed to honours during their senior year. A mark of credit or better in each of Mathematics I, Pure Mathematics II and Pure Mathematics III is the usual prerequisite for entry to Pure Mathematics Honours. No student is allowed to enter Pure Mathematics IV who has not taken the H level courses in Pure Mathematics III.

Evening students: Evening lectures will be given only at the P level in Pure Mathematics III.

B. C. Auxiliary and Combined courses

These courses are available only to students in the Faculty of Science. Their purpose is to extend the range of options in Pure and Applied Mathematics in the intermediate year. Mathematics I is a prerequisite for both courses.

Mathematical Methods II is a four unit course. It does not qualify for entry into Pure Mathematics III and cannot be taken in conjunction with Applied Mathematics II. (The lecture courses in Mathematical Methods II are all available as options within Pure Mathematics II; they are a compulsory part of Applied Mathematics II.)

Combined Mathematics II is a twelve unit course. It consists of the Applied Mathematics II course together with algebra options from Pure Mathematics II. It qualifies a student for entry into both Pure Mathematics III and Applied Mathematics III.

D. Pure Mathematics III Advanced

This twelve unit senior advanced course is available only in the Faculty of Science. Its purpose is to provide additional instruction in mathematics at senior level for able students. It can be taken only with the express permission of the Head of Department. Pure Mathematics III (at H level) is a corequisite. Intending candidates should consult the Head of Department about the programme of study.

E. General Pure Mathematics

This course is designed to give a background of mathematical understanding and skill to students who wish to take only one year's mathematics in preparation for the work of their major courses.

Students should note that this course is entirely distinct from Mathematics I. After the first three weeks of term transfer from one to the other will be permitted only in most exceptional circumstances.

Students entering the course are assumed to have a knowledge of Mathematics which would have enabled them to perform satisfactorily in the 2 unit course at the HSC or some equivalent examination. Students who have taken only the 2 unit A course are required to attend the bridge course held in February.

The course counts as a single first year course in the Faculties of Arts and Science.

It qualifies students for entry into the course Mathematical Statistics II but does not allow them to proceed to Mathematical Statistics III.

It does not qualify for entry to Pure Mathematics II and cannot be counted as a qualifying course together with Mathematics I. (However, students with a credit may proceed to Pure Mathematics II.)

Courses

Information booklets on courses, arrangements for lectures and tutorials, etc. are available from the Department of Pure Mathematics at the beginning of the

year. There are separate booklets dealing with first, second and third years. These give considerably more detail about course content and options than provided here. Lists of text and reference books, when not specified in the information booklets, are also available from the department.

FIRST YEAR COURSES

Mathematics I

PURE MATHEMATICS

Day: Three lectures a week. In addition there is a tutorial class each week for each student.

Algebra, calculus, geometry.

General Pure Mathematics

Four lectures a week and two tutorial hours.

Algebra, calculus, numerical analysis, statistics, computing.

SECOND YEAR COURSES

Pure Mathematics II

Day: Five lectures a week; there are tutorials and assignments in each course option.

P level options: Discrete mathematics, complex variables and partial differential equations, differential equations and Fourier series, functions of several variables, linear algebra, matrix theory and applications, real analysis, group theory, vector calculus.

H level options: Functions of several variables, group theory, linear algebra, real analysis.

Mathematical Methods II

Three lectures a week; one tutorial class for each student every week.

The course covers the following P level options from Pure Mathematics II: Complex variables and partial differential equations, differential equations and Fourier series, vector calculus.

Combined Mathematics II

PURE MATHEMATICS

The course includes lectures and tutorials as for Pure Mathematics II.

THIRD YEAR COURSES

Pure Mathematics III

Day: P level: six lectures and two tutorial periods a week; H course: eight lectures a week. Evening: Three periods of two hours each a week (P course only). The full range of options below will be given provided sufficient resources are available.

P level options: Combinatorial theory, complex variable analysis, geometry, history of mathematical ideas, mathematical statistics, number theory, differential equations, real variable analysis, logic, theory of rings and fields, topology.

H level options: Algebra, analysis.

Pure Mathematics III Advanced

A programme of study is arranged in consultation with the Head of Department.

HONOURS COURSE

Pure Mathematics IV

In addition to attending lecture courses (details of which are available from the department at the beginning of the year), students are required to prepare an hour's lecture, and write an essay on an approved topic. Ability to read mathematics in at least two of the four languages French, German, Russian and Italian is a requirement for the honours course.

MARINE SCIENCES

Introductory Marine Sciences — 4 units

Intermediate introductory course.

Introduction to oceanography and its history; the morphology, geology and history of the continental shelves, continental slopes and ocean basins; ocean properties and circulation; ocean–atmosphere and ocean–sea floor relationships; physical processes affecting the coastal zone; chemical cycles within the oceans; major biological systems of the oceans and their evolution; biological adaptation.

Marine Sciences — 12 units

This course is particularly for senior students of biology, geology, geography or mathematics who are interested in the marine sciences. It can, however, be taken together with a senior course in any other subject. It is essential to have completed Introductory Marine Sciences before entry to Marine Sciences. No special requirement of first-year courses is laid down. The course is organised by the Department of Geology and Geophysics. All enrolments must be approved by the head of that department.

Within the course options are available in each term. Students are encouraged to select those in which they have a particular interest, subject to the unavoidable requirement in some cases that they have completed some prior study in that subject area. The options, with the prerequisite study additional to Introductory Marine Sciences indicated in parentheses, are:

Lent term

L.1. Coastal Depositional Environments

OR

L.2. Marine Botany

Trinity term

T.1. Coastal Morphodynamics

OR

T.2. Marine Zoology (Biology IIE)

OR

T.3. Marine Geology

OR

T.4. Waves in the Ocean (Physics I and Pure or Applied Mathematics II)

Michaelmas term

M.1. Coastal Zone Management

OR

M.2. Marine Ecology (Biology IIE)

OR

M.3. Physical Oceanography

OR

M.4. Marine Biochemistry and Plant Physiology (Biology IIJ or Biochemistry Auxiliary)

Marine Science Honours

The structure of the course will be about one-third formal coursework, seminars and reading, and about two-thirds devoted to preparation of a thesis on a topic with a clear marine or estuarine orientation. The formal coursework may comprise courses chosen mainly from existing honours course options offered in the department of the student's principal interest. Background study in a subsidiary field of interest may be required depending on circumstances.

Thesis work will commence in February and continue to November.

A credit or better in Marine Sciences and another senior course are required for entry.

Students interested in undertaking the course are invited to apply to the Department of Geology and Geophysics for further information. Arrangements

for their supervision and department of primary location will be made in the light of their proposed thesis topic.

MICROBIOLOGY

Microbiology I — 8 units

A course of 81 lectures and tutorials and 135 hours of practical work.

This is a comprehensive course of general microbiology. It is the qualifying course for Microbiology II (12 units) but is also suitable for students specialising in the allied sciences.

Microbiology I Auxiliary — 4 units

A terminating course of 36 lectures and 72 hours of practical work covering most of the topics studied in Microbiology I but necessarily in less depth.

Microbiology II — 12 units

A course of 108 lectures and 216 hours of practical work in which advanced aspects of microbiology are studied in depth.

Topics studied include microbial genetics and cytology, microbial pathogenicity, immunology and chemotherapy; food and industrial microbiology and microbial ecology.

Microbiology Honours

Candidates for the honours degree in Microbiology are required to undertake a research project in some more advanced aspect of this subject. Additional course work may be prescribed. Students wishing to study for the honours degree should consult the head of the department by the end of the previous year.

PHARMACOLOGY

Introductory Pharmacology — 4 units

Prerequisites: Biology I, Chemistry I.

This is an elementary course covering general scientific principles of drug action. It is designed both as an introduction to Pharmacology I for students intending to study the subject in some depth, and also to provide an outline of the subject for those intending to follow related disciplines such as Physiology, Biochemistry or Psychology.

Pharmacology I — 12 units

This senior course provides a comprehensive study of classes of drugs, and includes pharmacokinetics, molecular pharmacology, toxicology and social aspects of drug use. The practical course is related to the classes of drugs studied systematically and illustrates drug actions upon isolated animal tissues, whole animals and man.

Selected students may be permitted to study Pharmacology Advanced, a 24-unit course, instead of Pharmacology at the normal level.

Subject to a satisfactory standard being shown in Pharmacology a student may arrange to read for the honours degree in this subject. In this case much of the work will be arranged to suit the main interests of the individual, and the student will also be expected to participate in a research project in progress in the department.

PHYSICS

JUNIOR COURSES

Physics I — 6 units

Students in Physics I are divided into distinct grades, and examinations are held at corresponding standards.

The courses Physics ID (distinction course) and Physics I (pass course) are designed for students who need a firm background in fundamental physics for their further studies. Students who believe that physics could well be a major component of their degree course should apply to enrol in the course Physics ID. Such intending students will be interviewed at the time of enrolment.

The course Physics I (Life Sciences) is designed for students whose prime interest is in the biological sciences and who intend taking only one year of Physics. It is a terminating course.

Lectures: Courses of three lectures per week throughout the year in mechanics, thermal and mechanical properties of matter, electromagnetism, waves, and optics. The Physics I (Life Sciences) course also includes a section on ionising radiation.

Experimental course: A laboratory course of three hours per week throughout the year.

Faculties of Medicine, Dentistry, Veterinary Science and Agriculture students: Such students are required to follow the course Physics I (Life Sciences).

INTERMEDIATE COURSES

Physics II — 8 units

Faculties of Arts, Science and Engineering

This course may be taken at two levels, the pass or distinction (D) levels, and examinations are held at the corresponding standards. For admission to Physics II, students must have passed in Physics I or Physics ID and in Mathematics I.

For admission to Physics IID students must have passed in Physics ID and Mathematics I. Those who have passed Physics I at a sufficiently high level may be admitted to Physics IID. Students wishing to take advantage of this provision should consult the Faculty of Science handbook. Attention is directed to requirement for admission to Physics III (see under Physics III).

Lectures. There are four lectures per week throughout the year in relativity, quantum physics, electromagnetic theory, astronomy *or* solid state electronics (*or* in the D course, classical mechanics), electromagnetic properties of matter, and thermodynamics.

Laboratory work. All students are expected to attend a laboratory course of four hours per week.

Students not reaching the required standard in Physics IID may be given a pass in Physics II.

SENIOR COURSES

Physics III — 12 units

Faculties of Arts and Science

This course may be taken at the pass or distinction (D) level. The latter is designed primarily for students who intend to proceed to Physics IV (Honours). In general, only students who obtain credit or distinction in Physics IIID are permitted to enter Physics IV.

Passes in Physics II and any intermediate Mathematics course are prerequisites for entry into Physics III. Students wishing to enter Physics IIID must have passed Physics IID and either Pure or Combined Mathematics II.

Physics IIID students not reaching the required standard may be given a pass in Physics III.

Lectures. In Physics III there are five lectures per week throughout the year in modern physics, electromagnetic theory, electronics, solid state physics. A series of options is organised in Michaelmas term.

In Physics IIID there are five lectures per week in electromagnetic theory and optics, quantum mech-

anics, electronics, statistical mechanics, atomic physics, and *two out of* nuclear physics, solid state physics, instrumentation, and plasma physics.

In both courses a compulsory exercise on one of the lecture series is set each week; and an essay is required in Michaelmas term. All students must attend a laboratory course of about eight hours per week throughout the year.

Physics Honours

Students of sufficient merit may be admitted to a fourth year honours course comprising a research project and formal coursework. They must devote their whole time to work in connection with Physics to the satisfaction of the Faculty of Science. Mathematics III and Physics IIID are prerequisites.

The research project is undertaken within one of the research departments. A written report on this work is required.

The coursework consists of lectures and reading, as prescribed, on quantum mechanics, statistical mechanics, electromagnetic theory, cosmic rays and particle physics, physics of the solid state, plasma physics, astrophysics, and other topics. Students with a strong mathematical background may be permitted to specialise in theoretical physics.

PHYSIOLOGY

This subject is studied in the second, third and fourth (honours) years.

INTERMEDIATE COURSES

Physiology I — 8 units

This course consists of three lectures, 1 tutorial and four hours' practical work per week throughout the year. Students intending to proceed to Physiology II must take (i) either Biochemistry I or Biochemistry I (Auxiliary) or Agricultural Chemistry I, (ii) Introductory Histology or Introductory Anatomy.

Physiology I Auxiliary — 4 units

This course is intended for students who require some physiological background but who do not intend to major in Physiology. It may not be taken with Physiology I. The course consists of three lectures per week, and an average of one hour per week is taken up with tutorials, films, demonstrations and practical classes.

SENIOR COURSE

Physiology II — 12 units

This course consists of lectures, laboratory and tutorials closely coordinated during 12 hours per week.

Physiology Honours

During the fourth year no formal course of lectures is provided, but students are given a physiological problem to investigate. This problem usually represents a small facet of one of the major current research projects within the department and students work in collaboration with members of the staff. Each student writes a thesis embodying the results of his work.

PSYCHOLOGY

Psychology I

Three lectures and two hours of practical-tutorial work each week. Two essays. Students are assessed periodically on practical work done in tutorials and there is an examination at the end of each term. Students are encouraged to participate as subjects in current departmental research projects, as a supplementary form of practical work.

The course is intended to be a general introduction to the main topics and methods of psychology, of use to those not proceeding with the subject as well as a basis for advanced work. It deals with the nature and methods of psychology, biological bases of behaviour, intelligence and its assessment, personality theory, perception, learning, cognitive processes, motivation and social psychology.

Psychology II

Students elect to take either Psychology IIA *or* Psychology IIB.

Psychology IIA is designed for students who wish to proceed to Psychology III, as well as for all honours or distinction students: it may be taken by students who do not wish to proceed to Psychology III. Three lectures and four hours of practical-tutorial work each week. The class work includes essays and reports of practical or laboratory work done under supervision. The topics covered are cognitive processes, learning, motivation, perception, personality and statistics.

Psychology IIB is a terminal course designed for students who do not wish to proceed to Psychology III and is not available to honours or distinction students. Three lectures and up to three hours of practical-tutorial work each week. The class work includes essays and reports of practical or laboratory work done under supervision. The topics covered are abnormal psychology, developmental psychology, personality and social psychology.

Psychology III

Four or five lectures and up to five hours of practical-tutorial work each week. The class work includes essays and reports of practical or laboratory work done under supervision. The topics covered include the history and philosophy of psychology (required of *all* students) and such options as method (honours or distinction students are required to take all 3 method options), abnormal psychology, cognitive processes, computer applications, developmental psychology, environmental psychology, human performance, individual differences, learning and motivation, perceptual systems, psychobiology, psycholinguistics, social psychology.

Psychology IV (Honours)

Students are required to (a) devise, conduct, and report upon an empirical research project, (b) write a theoretical thesis, and (c) attend one lecture course and two seminar courses, and, for one term, two method courses. The areas of psychology in which these activities may occur depend on the interests and specialities of staff members.

SOIL SCIENCE

INTERMEDIATE COURSES

Soil Science I (Auxiliary) — 4 units

A terminal course in introductory soil science of 108 hours. The lectures and practicals run concurrently with the course given to Agriculture II (81 hours) students and the Soil Science component of Agricultural Physics (27 hours).

Surface Energy Balance;
Micrometeorology;
Soil physical and mechanical properties;
Soil chemistry;
Origin and development of soils.

The practical demonstration programme is dominated by the field and laboratory description of Aus-

tralian soils; and by measurements of the physical environment close to the ground surface.

Soil Science I — 8 units

The course consists of:

(a) Lectures, practicals and field excursions, which run concurrently with the courses given to (i) students in second year agriculture (81 h) and (ii) the Soil Science component of Agricultural Physics in first year Agriculture (32 h). (These courses constitute Soil Science I Auxiliary.)

(b) The course given to third year Agriculture students including 27 lectures on: laboratory and field methodology; soil survey; aerial photograph interpretation; soil geomorphology; soil classification; land evaluation for rural purposes.

In addition, 27 hours of practicals on the commoner physical and chemical description of field soils, with special emphasis on the reliability and interpretation of the data produced.

Five days, the last week of August vacation, at Camden, spent on profile descriptions, soil mapping, aerial photo analysis, methods of sampling, use of tensiometer, piezometer and theodolite.

(c) Additional laboratory and numerical exercises (9 h).

SENIOR COURSES

Soil Science II — 12 units

The course has three major components that develop the concepts introduced in Soil Science I.

Advanced soil physics
Advanced soil chemistry
Advanced methodology

Soil Science Honours

This course consists of several parts:

(i) Supplementary lectures and seminars in Pedology and Soil Colloids.

(ii) Courses selected from Agricultural Chemistry, Agronomy, Biometry, Botany, Physical Chemistry, Geology, Mathematics, Soil Mechanics, Soil Microbiology, etc.

(iii) A small amount of field work performed under direction.

(iv) A project in one branch of Soil Science.

BACHELOR OF PHARMACY

FIRST YEAR

In first year students attend the courses of instruction and pass examinations in Chemistry I for Pharmacy, Mathematics I for Pharmacy, Biology I for Pharmacy and Introductory Pharmaceutical Science.

Biology I for Pharmacy

There are 72 one-hour lectures and 126 hours of tutorials and practical work over three terms.

The course embraces 4 units of the 6 unit course Biology I (HUSEB) plus supplementary Human Anatomy and Physiology.

Chemistry I for Pharmacy

There are 108 one-hour lectures and 25 one-hour tutorials over 3 terms.

The course overlaps substantially with the Chemistry IB 6 unit course. The IB treatment is extended and additional pharmaceutical topics and examples are added.

There are 3 hours of practical work per week throughout the year (81 hours).

Mathematics I for Pharmacy

(a) Pure mathematics, 36 one-hour lectures and 18 hours of tutorials over 2 terms.

(b) Statistics, 36 one-hour lectures and 18 hours of tutorials over 2 terms.

The statistics course is given in the Department of Mathematical Statistics.

The pure mathematics course covers measurement of physical quantities, differentiation and integration (with emphasis on linear, exponential and logarithmic, polynomial and period functions), functions of more than one variable, differential equations.

The statistics course covers descriptive statistics, elementary probability theory, sampling methods, statistical inference, non-parametric tests, sequential tests and correlation and regression.

Introductory Pharmaceutical Science

This course consists of two parts. The major part equivalent to 5 units is given in the Pharmacy Department; the remaining 1 unit segment on Introductory Microbiology is taught in the Microbiology Department.

(a) *Pharmacy:* Introduction to the profession of pharmacy. Dose forms and dose-form evaluation, including an introduction to biopharmacy and pharmacokinetics. Physicochemical principles as applied to properties of solutions and to the process of partition. Rates of chemical and physicochemical processes: applications in the stability of drugs and in diffusion. Introduction to disperse systems: colloids and rheology. Drugs from natural sources. Introduction to instrumental methods in the analysis of pharmaceuticals especially spectrophotometric methods. Properties of materials used in pharmacy: oils, fats, waxes, surface-active compounds, gums and polysaccharides. The practical course, of 36 hours' duration, will demonstrate principles in formulating, preparing and evaluating pharmaceutical dosage forms. Examples of pharmaceutical products will be prepared.

(b) *Microbiology:* This course provides information on the biology of bacteria and skills in working with bacteria additional to that given in the HSE biology course. Topics covered include: methods for studying bacteria; morphology and cytology; assessment of bacterial populations; tests for bacterial contamination; sterility testing; growth; effects of environment on growth and viability; antibiotic assay; sterilisation; genetics; and classification.

SECOND YEAR

In second year students attend lectures and laboratory work in the following subjects:

Pharmaceutics I

(a) *Theory:* Phase equilibria, distribution between phases; complexation; solids technology; diffusion; surface activity, micelle formation and solubilisation; emulsions; suspensions; semisolids; drug stability. Review of micro-organisms; microbial contamination and contamination control; sterilisation processes; antisepsis and disinfection. Gastrointestinal absorption from dosage forms; methods of studying gastrointestinal absorption; bioavailability.

(b) *Practical:* Pharmaceutical microbiology, physical pharmacy, dose forms and dispensing.

Pharmaceutical Chemistry I

This course consists of 81 lectures, supported by tutorials and practical exercises, based upon the shape,

size and physical characteristics that determine the biological activity of organic molecules. The principal topics include stereochemistry and structure/activity relationships; drug/receptor interactions and drug metabolism; mechanisms of drug decomposition and quantitative analysis; steroids, cardiovascular drugs and chemotherapy.

Pharmacology I

A course of approximately 54 lectures will be given throughout the year, correlated with a scheme of about 54 hours of practical laboratory exercises. The course covers basic scientific principles underlying the use of drugs in therapeutics, the nature of receptors, how drugs work and the problems associated with their use. The lecture course will also cover the detailed pharmacology of a number of specific drug classes.

A list of recommended textbooks will be supplied to students. There will be a 45-minute objective examination at the end of each term.

Physiology

84 lectures and 28 tutorials. The course will include lectures on principles of physiology, nerve and muscle, circulation, respiration, endocrinology, renal physiology, sensory physiology, reproduction, blood, digestion, skin ageing and pathophysiology.

Biochemistry

Lectures: Three lectures throughout the year dealing with the following topics:

Cell structure and composition. Structure, properties and biological significance of proteins, nucleic acids, lipids and carbohydrates. Enzymes, biological oxidations, digestion. Metabolism of carbohydrates, and lipids. Metabolic control. Nucleic acid and amino acid metabolism. Biochemical genetics and protein synthesis. Self assembly systems, antimetabolites. Nutrition, tissue biochemistry, hormones, gene expression, immunology, clinical chemistry.

Laboratory work: There would be six hours per week for four weeks of Michaelmas term.

THIRD YEAR

Pharmaceutics II

Theory: 75 lectures and 15 tutorials. Fundamental concepts of pharmacokinetics: factors affecting onset, duration and intensity of drug action; pharmacokinetic models. Distribution: tissue distribution; plasma protein binding. Elimination: renal excretion; extrarenal routes of excretion; kinetic aspects of drug metabolism. Dosage regimens: intermittent dosage schedules; theory of multiple dosing. Source of variability in drug disposition: enzyme induction and inhibition; pharmacogenetics; first-pass effect; effects of age and disease. Pharmacokinetics of pharmacological activity. Biopharmaceutics of selected classes of drugs, including antibiotics, cardiovascular agents, corticosteroids, analgesics, oral hypoglycaemic agents. Formulation and biopharmaceutical aspects of dosage forms: parenteral; rectal; percutaneous; ophthalmic; tablets; capsules; aerosols. Forensic pharmacy: legal principles and drug law especially relating to prescription practice.

Practical: Prescription practice: 18 three-hour sessions. Biopharmaceutics and pharmacokinetics: 8 six-hour sessions as part of a composite practical with Pharmaceutical Chemistry II.

Elective project: Six 6-hour sessions in conjunction with Pharmaceutical Chemistry II; one elective may be taken from a list which includes industrial experience at a pharmaceutical manufacturing plant, research experience with one of the department's research groups, introduction to digital computer programming, patient counselling and communication skills, a major essay, and mini-computers in professional pharmacy.

Pharmaceutical Chemistry II

Theory: 108 lectures and 18 tutorials.

Medicinal Chemistry (81 lectures). Topics to be covered will include immunology, cardiovascular drugs, diuretics, drug metabolism, pharmacogenetics, chemotherapy, drug interactions, non-steroid anti-inflammatory drugs, mechanisms of adverse drug reactions, steroids and toxicology. Emphasis will be placed on the relationships of the chemical and physical properties of drugs with respect to (i) chemical stability, (ii) fate of the drug in the body, and (iii) biochemical basis of drug action. All quantitative and qualitative structure-activity relationships will be discussed with respect to the above aspects of drug activity.

Analytical Chemistry (18 lectures). This section is designed to provide a knowledge of the major instrumental methods of analysis used in pharmaceutical science. Topics covered include spectroscopic, chromatographic, electrochemical and radiochemical techniques. The methods are discussed in a problem solving context with sufficient background to provide an insight to the choice of a particular technique for a given task, e.g. quality control of pharmaceutical formulations, bioavailability and pharmacokinetic data acquisition and identification of metabolites of a xenobiotic.

Practical: Advanced Pharmaceutical Sciences is a laboratory course integrating aspects of Pharmaceutical Chemistry and Pharmaceutics. It consists of a series of exercises, which run for 6 hours per week for two terms, illustrating drug synthesis, evaluation and metabolism; and formulation, testing for stability, bioavailability and pharmacokinetic parameters. In Michaelmas term a number of elective projects are offered as described under Pharmaceutics II.

Pharmacy Practice

Theory: 72 lectures and 36 tutorials.

Clinical Therapeutics (63 lectures). The nature of such diseases as disorders of the cardiovascular, respiratory, renal, gastrointestinal, hepatobiliary, haemopoietic, nervous and endocrine systems, psychiatric disorders, disorders of the joints and connective tissues, nutritional and metabolic disorders, disorders due to hypersensitivity and altered immune response, disorders caused by biological agents, disorders of the skin, eye, ear, nose and throat.

The treatment of disease with pharmacological agents, on a basis of knowledge of pharmacology, medicinal chemistry, biopharmaceutics and pharmacokinetics, with reference to selection of agents; routes of administration; dosage; precautions; alternatives; limitations; the mechanisms, detection and prevention of significant adverse reactions; and drug interactions.

General Topics (9 lectures). Principles of community and hospital pharmacy management.

Practical: 54 hours.

The practical will provide experience of pharmacy practice in both community and hospital pharmacy environments.

Pharmacology II

The course in third year includes both a lecture course and a practical course. There will be about 54 lectures throughout the year, and there will be two terms of practical classes totalling approximately 108 hours. The content of the course will follow sequentially from that of the intermediate course, and the following general areas will be covered: classification and mode of action of analgesic and related drugs; of drugs affecting the cardiovascular system and blood; of diuretics; of drugs affecting the skin; of chemotherapeutic drugs used to treat infections of bacteria, protozoa, helminths, viruses and fungi; and of drugs used in the treatment of hypertension, migraine, gout, asthma, anxiety.

Practical classes are geared as much as possible to a study of drugs and man. The course is structured so as to underpin much of the lecture course, and to give students a concept of how drugs can affect both human and animal behaviour. There will be progress examinations held at the end of Lent and Trinity terms (1¾ hour objective exam) and at the end of Michaelmas term (1 hour objective).

The student will be required to keep adequate records of practical work which will be assessed in conjunction with the examinations. Practical work will be worth 25 per cent of the year's mark.

Pharmacy Honours

Suitably qualified candidates, who are considered to have the requisite knowledge and aptitude, may be admitted by the head of the department concerned to the honours course in one of the following subjects:

Pharmaceutics;[1]
Pharmaceutical Chemistry;[1]
Pharmacology;

All honours students taking courses in the Department of Pharmacy are required to attend courses in instrumental methods of analysis.

During the Trinity and Michaelmas terms the student is required to attend elective courses relating to the subject of the honours degree, and to carry out laboratory projects designed to provide experience in the experimental techniques relating to research in that area of interest. An essay on a designated topic must be submitted before the end of September and students are expected to participate in departmental seminars.

The award of the degree is based on:

(i) written papers during the year;
(ii) oral examinations taken at the end of Lent and Trinity terms;
(iii) marks awarded for the essay, practical exercises and project reports or thesis;
(iv) level of passes gained in the second and third year examinations.

[1] These courses are given in the Department of Pharmacy.

Board of Studies in Social Work

BACHELOR OF SOCIAL STUDIES

PASS

A four-year degree course is offered during which six courses are taken within the Faculty of Arts and, during the final two years, instruction is given in professional subjects taught in the Department of Social Work.

Except with the permission of the Board of Studies in Social Work, the student shall complete during the first two years five of the courses prescribed for the degree of Bachelor of Arts, and Social Theory II. Of these six, five are required as set below. Details of each may be found under the Courses of Study for subjects in the Faculty of Arts.

YEARS I AND II

Psychology I and II.

Two courses chosen from: (1) Anthropology I, (2) Economic History I, (3) one of Economics I and The Australian Economy, (4) Government I, (5) History I, (6) Philosophy I, (7) one approved First Year Arts course and (8) one approved modern foreign language;

One course chosen from: Anthropology II, Economic History II, Economics II, Economics II(P), Education II, Government II, History II, Philosophy II and one approved modern foreign language; and Social Theory II.

Social Theory II

This is a one-year introductory course in sociology, which seeks to provide a critical approach to the concepts, theories and methods of the social sciences. It is a core Second Year Bachelor of Social Studies course.

The following topics will be covered: an introduction to sociological perspectives; social inequalities; and social problems in contemporary Australia. Option courses will be run (e.g. Sociology of Mental Illness, Women in Society, Social Interaction) although the actual options offered will depend on the availability and interests of staff.

YEAR III

Self Through Society I

This course is taught over three terms and comprises sociological and legal components, which are integrated throughout. It is taught by one-hour lectures followed by two-hour tutorials.

Lent term: Focus on the family: Ideology; the family; the Family Law Act; the Child Welfare Act.

Trinity term: Focus on inequalities: Women; NSW Crimes (Sexual Assault) Amendment Act; race relations; antidiscrimination legislation; disability.

Michaelmas term: Focus on the impact of institutions: schooling; unemployment; prisons; workshop with Prisoners' Action Group; examination of police powers.

Assessment is by two essays (one on law) and one tutorial paper.

Social Theory III

The course will include:

- The scope and structure of social policy: an introduction to the institutional arrangements in social policy
- The normative system: the discussion of values and ideology in relation to means and ends, introducing a variety of theoretical perspectives
- The context of social policy: the historical development of social policy, comparing the Australian situation with other advanced countries.

Social Work Practice I

The course has five components.

1. Orientation workshops (Lent term, first four weeks)
These workshops provide students with an orientation to social work practice in order to facilitate the commencement of fieldwork. These include an overview of methods and approaches used in social work, information about welfare resource, how to develop an assessment of problem situations, write reports, and understand welfare rights.

2. Communication workshop (Lent term)
These seminars examine how people communicate both verbally and non-verbally in a range of human situations. Students develop an understanding of the interpersonal skills associated with engaging individuals, groups and communities in the social work process.

3. Options (2 hours per week, Trinity term)
Students choose one option from a wide range offered. Options are both issues oriented (e.g. child welfare) or skill oriented (e.g. evaluation, family therapy, social action and group work).

4. The Economic, Social and Political Context of Welfare (2 hours per week all year)
This lecture series focuses initially on contextual issues affecting social work practice. Strategies of social work intervention and research techniques are considered both at the theoretical level and in terms of their practical application in the delivery of social services.

5. Core Seminars (2 hours per week all year)
The primary aim of this section is to introduce basic elements in the theory and practice of social work. To this end special emphasis is placed on understanding the social context of social problems, as well as the skills associated with the delivery and development of social services.
Fieldwork consists of a placement of 60 days. Students commence placement during Lent term and continue throughout the year for 2 days per week.
Assessment is continuous throughout the year. Student analysis of social work theory and practice issues is a central part of assignments.

YEAR IV

Self Through Society II

Lectures and tutorials: Lent term, Trinity term: students are assigned to seminar groups, which study specialist areas with the support of one resource person.

Concurrently in Trinity term there will be law lectures followed by discussion groups.

Options. The concepts and theoretical perspectives that students use in the study of specialist areas should follow from their participation in the core courses. Within the limitations of available staff and resources specialist areas will include:

Women and family studies: migrants in the workforce; administration of justice; human sexuality; disability; race relations; youth culture; schooling and unemployment.

Law and Social Work. Topic content will include: Community justice centres; mental health law; legal aid; landlord-tenant relations; legal liability of social workers; social security legislation.

Assessment is by project report and/or essay presentations on specialist areas and one essay in Law and Social Work.

Social Policy and Provision

The course includes:

—The analysis of social policy: various models developed for the analysis of specific policies will be examined.

—Comparative social welfare: the use of comparative studies to identify progress and development in social policy.

—Administration of social policy: the structure of government departments and their effect on policy in practice.

A seminar programme will focus on specific areas of policy.

Social Work Practice II

Core classes
The focus for each core class is a particular context of Social Work Practice. Each context is explored in terms of how organisational, professional, technical and personal factors facilitate or constrain the effectiveness of social work in that context. Some of the contexts studied are agencies or settings for social work practice (e.g. hospitals, neighbourhood centres) and some are contexts of vulnerable groups that cut across agency boundaries (e.g. disability, unemployment). The choice of contexts is updated each year to reflect the student's current placement and likely future employment experience.

Options
A number of option courses are offered from which students choose one in each half of the year. The option courses provide an opportunity to study, in some depth, particular social work methods or fields of intervention. The range of options offered each year varies according to current staff expertise and student interest.

Fieldwork
The fieldwork programme commences in the third part of the course and consists of three fieldwork placements. The first (in the third year of the course) is a concurrent placement two days per week throughout the year. The second placement is also a concurrent one of forty days' duration throughout Lent term of fourth year. The final placement is a twelve week full-time placement from mid-August until the beginning of November. Fieldwork in the country and overseas may be arranged in special circumstances for the final placement.

HONOURS

For the honours degree, students must meet all the requirements for the pass degree of Bachelor of Social Studies at an acceptable level and, in addition, complete a special honours course which includes submission of a thesis normally of 10 000 words. A two-hour seminar is held each week.

COMBINED DEGREES: BA BSocStud

A candidate may proceed to the degree of Bachelor of Social Studies at the same time as he or she is a candidate for the degree of Bachelor of Arts.

Except with the approval of the Board of Studies such a candidate shall complete:

(a) Psychology I and II;
(b) two courses chosen from the following: (1) Anthropology I, (2) Economic History I, (3) one of Economics I, Economics I(P) and The Australian Economy, (4) Government I, (5) History I, (6) Philosophy I, (7) one approved First Year Arts course and (8) one approved modern foreign language.
(c) two Second Year courses, other than Social Theory II, chosen from the Table of Courses annexed to Resolution 20 of the Senate Resolutions for the degree of Bachelor of Arts, at least one of which shall be chosen from Anthropology II, Economic History II, Economics II, Economics II(P), Education II, Government II, History II, Philosophy II and an approved modern foreign language;
(d) two Third Year courses chosen from the Table of Courses annexed to Resolution 20 of the Senate Resolutions for the degree of Bachelor of Arts; and
(e) Social Theory II, provided that this course may not be taken until the two courses selected under clause (c) have been completed.

A candidate who has completed the above courses may proceed to the Third and Fourth Years of candidature for the degree of Bachelor of Social Studies.

Faculty of Veterinary Science

FIRST YEAR

Introductory Veterinary Science

A course of 4 lectures taken by all students in First Year. Lectures are given on the work of the Faculty, the role of the Veterinary profession in society, students' extramural work and use of the Library.

Introductory Biology

A course of 36 lectures on aspects of biology, which serves as a basis for, and supplements other courses in, Veterinary Science.

The lecture topics are: Invertebrates (10 lectures), Comparative Anatomy and Physiology (15 lectures), Plant Structure and Function (6 lectures), and Ecology (5 lectures). During Lent term three laboratory classes are held on invertebrate and vertebrate work.

Chemistry

Chemistry I (Life Sciences) is a two-term course specially designed to suit the needs of the student who requires a good general grounding in chemistry, and who will subsequently undertake a study of such subjects as biochemistry and physiology. It covers chemical theory, inorganic, physical, and organic chemistry with many examples from biological areas. The course presupposes a satisfactory prior knowledge of the Chemistry component of the Science multistrand HSC course.

Lectures: A course of 42 lectures in Inorganic and Physical Chemistry and 27 lectures in Organic Chemistry, with many illustrations from biological areas.

Practical work: A course of 17 3-hour sessions given in the first two terms.

Physics

The Physics course—Physics I (Life Sciences)—consists of 72 lectures together with three hours a week laboratory session. The course is designed to emphasise the concepts of Physics and, where possible, to show the application of Physics in the Biological Sciences. There are 6 units: forces and energy, electricity, thermal physics, optics, ionising radiation and properties of matter. Two-thirds of the lectures are given on closed circuit television. The course is taught on the assumption that students have completed Mathematics 2 unit and either Physics 2 unit or the Physics section of the Science multistrand 4 unit course for the Higher School Certificate.

Students wishing to enrol in a First Year course in Physics who have not reached the assumed standard for that course are advised to read recommended books before the beginning of the Lent term.

Veterinary Anatomy

Veterinary Anatomy is a study of the anatomy of the domestic animals, including the horse, ox, sheep, pig, dog, cat and domestic fowl.

Veterinary Anatomy I

Veterinary Anatomy I is given to First Year students. The course consists of 51 hours of lectures and 70 hours of dissection classes. The course includes a basic study of embryology and a detailed systematic anatomical study of the dog.

Veterinary Histology I

A first year course of three hours per week concerned with the morphology of cells, tissues and some of the organs.

Biometry

An introductory course of 27 lectures and 18 hours' practical work, which considers problems of statistical design and analysis experienced in research in the biological, agricultural and veterinary sciences. Computer terminals are used in this course.

Topics covered include: the place of biometry in scientific investigations; descriptive statistics, e.g. frequency distributions, measures of central tendency and spread; probability and probability distribution; Binomial, Poisson, Normal and X^2 distributions; theory of sampling; significance testing; interval estimation; t-distribution and associated tests (e.g. unpaired and paired t-tests); the F-distribution; functions of randomisation, replication and local control in experimental design; the completely random (CR) and randomised complete block (RCB) designs and analysis of variance.

Animal Husbandry

Students are required to undertake twelve weeks' extramural training to gain practical experience in livestock husbandry. This is to be undertaken after commencing the Veterinary course. The practical work is carried out on practical farms and stations, except in the case of horses, where students take a seven day residential course in horse husbandry at Hawkesbury Agricultural College.

Animal Husbandry. A course of 45 lectures and one day weekly for one term at the University Farms, Camden, where students are given training in the practical aspects of Animal Husbandry. Practical work will be taken by all students, including repeat students, and will be examinable.

The lecture course includes—

Horses—their characteristics and management.

Cattle, sheep, pigs and poultry—the animal industries in Australia, management, production of meat, milk, wool, and eggs.

Wool—wool and its qualities.

Cats, dogs, and small animals—breeds and their management.

Biochemistry I

The Biochemistry I course consists of 27 lectures. This course is integrated with the 54 lectures in Biochemistry II. The lectures in Biochemistry I cover the topics proteins, enzymes and nucleic acid in sufficient detail for the understanding of intermediary metabolism lectures in the Biochemistry II course.

SECOND YEAR

Animal Nutrition

A course of 72 lectures in Trinity and Michaelmas terms is concerned with the principles and practice of nutrition.

Veterinary Anatomy II

Veterinary Anatomy II is given to Second Year students. The course consists of 64 hours of lectures and 164 hours of dissection classes. The course covers the topographical and comparative anatomy of the horse, ox, sheep, pig, cat and domestic fowl.

Veterinary Histology II

Veterinary Histology will be taught in Lent and part of Trinity term, being a continuation of the First Year course. It concludes the instruction begun in First Year.

Pastoral Botany and Agronomy

Pastoral Botany consists of 9 practical classes each of 2 hours. The course includes the identification of pasture grasses, legumes and weeds and the common poisonous plants. A plant collection is part of the course.

Pasture Agronomy, a course of 18 lectures, covers the agronomic and ecological principles of production and utilisation in native and sown grassland communities. Pasture growth and environment, pasture quality, substances injurious to animal health; pasture improvement and management.

Veterinary Physiology I

Veterinary Physiology I introduces the student to the subject and covers the general groundwork of physiology with more detailed lectures on the digestive, cardiovascular, respiratory, renal and endocrine systems. The course extends over three terms.

Practical classes are conducted during each of these terms in which the principles described in the lectures are exemplified. In these classes the students work in groups and keep detailed records of their experiments. Each student will need to purchase a laboratory manual from the department at the first practical class of the year.

This portion of the course comprises about 72 hours of lectures and 108 hours of practical work.

Biochemistry II

The Biochemistry II course consists of 54 lectures which are devoted mainly to intermediary metabolism in animals. The Biochemistry I and II courses are designed to give students background material for other subjects, particularly physiology, endocrinology and nutrition.

The laboratory work is intended to give some manipulative skill in quantitative biochemistry and illustrates some of the techniques used in clinical pathology.

Veterinary Pathology

The courses of instruction extend over Second, Third, Fourth and Fifth Year and embrace the following subjects:

General Pathology

Systemic Pathology

Immunology
Haematology
Microbiology
Chemical Pathology
Clinical Pathology

Veterinary Pathology I
In Second Year:
General Pathology deals with the causes of disease, morbid and reactive processes, inflammation, immunological reactions, regressive and progressive tissue changes, including the study of neoplastic growths. Practical work involves the examination of gross and microscopic changes in representative examples of these processes.

THIRD YEAR

Animal Genetics

A course of 49 lectures designed as a general introduction to those aspects of genetics that are relevant to veterinarians. The first section (Genetics and Animal Disease) covers biochemical disorders, chromosomal abnormalities, non-Mendelian familial disorders, immunogenetics, pharmocogenetics, genetic variation in pests, parasites and pathogens, and genetic and environmental control of disease. The second section (Genetics and Animal Improvement) covers relationship and inbreeding, variation and heritability, breed history and structure, selection, and crossing.

Veterinary Physiology II

Veterinary Physiology II comprises lectures on the nervous system, growth and development, animal behaviour and some specialised topics of veterinary interest not covered in the first course.

Practical instruction is given during Lent and Trinity terms in which students, working again in groups, are introduced to some of the more advanced physiological techniques. In these classes a study is made of the physiology of anaesthesia, the circulatory, respiratory and nervous systems, the digestive system, and the excretory system. These classes, and those preceding them, are designed to impart an appreciation of experimental methods. Use is made of self instruction material, demonstrations and films. Each student will need to purchase a laboratory manual from the department at the first practical class of the year.

This course comprises approximately 45 hours of lectures and 108 hours of practical work.

Veterinary Parasitology

An introduction to the basic concepts of parasitism and parasitic disease. The course comprises nine lectures and leads directly into the Fourth Year course.

Veterinary Pathology II

In Third Year:
Systemic Pathology is an extension of general pathology, and applies general pathological principles to diseases of the various organs and systems of domestic animals.
Haematology deals with diseases of the blood and blood-forming tissues of domestic animals.
Chemical Pathology deals with the biochemistry of disease.

Practical work involves the examination of gross and microscopic changes in representative examples of diseases of the major organs and instruction in the performance of postmortem examination of animals.

Veterinary Microbiology

In Third Year, deals with the classification and general biological properties of bacteria, viruses and fungi and a study of the mechanisms of disease production.

Practical work includes the isolation, cultivation and identification of micro-organisms and examination of the tissues of animals affected by microbial diseases.

Veterinary Pharmacology and Toxicology

The course consists of 63 hours of lectures and 27 hours of laboratory classes. The major part of the course outlines the main pharmacological actions of drugs on the physiological systems of animals, together with their toxic effects in overdosage. In addition a group of lectures on the principles of toxicology and the toxic effects of chemicals and plants is given. There is a series of lectures on medicinal chemistry, the modes of action of chemotherapeutic agents on foreign organisms and the Department of Pharmacy contributes a series of nine lectures on the relationship of Pharmacy to veterinary practice.

Veterinary Medicine I (Part A)

This consists of 36 lectures on general Veterinary Medicine and diseases of organ systems of animals. This introductory course is concerned with the clinical methods used in Veterinary Medicine and the techniques of examination of various organ systems. The diseases of organ systems of the dog are studied. In these lectures special attention is given to integrating students' knowledge of anatomy, physiology, biochemistry, pathology, genetics and nutrition. The lectures are reinforced and illustrated with clinical material from the University Veterinary Hospital and Clinic.

Veterinary Surgery I (Part A)

The course in Veterinary Surgery extends over three years and provides theoretical and practical instruction in the principles of surgery, obstetrics, anaesthesia and radiology in both large and small domestic animals.

Instruction in Veterinary Surgery commences in the Third Year. A course of 27 lectures in Michaelmas term introduces the student to the principles of aseptic surgery, radiography and radiotherapy and anaesthesia, in preparation for entry to the clinics and hospital in Fourth Year. An equivalent time in the Third Year is also devoted to practical instruction in these subjects.

FOURTH YEAR

Animal Reproduction (Applied)

A course of 18 lectures concerned with animal reproduction, covering the normal pattern of reproduction in farm animals, dogs, cats and horses. Emphasis is placed on the control of reproduction—both augmentation and limitation—for practical purposes.

Veterinary Anatomy III

Veterinary Anatomy III is given to Fourth Year students. The course consists of 36 hours of demonstration and practical classes, and covers the surface anatomy and applied anatomy of the horse, ox and dog.

Veterinary Medicine I (Part B)

The course commenced in Third Year is continued through three terms of Fourth Year. Lectures concen-

trate on the diseases of the various organ systems. The course is based on the dog as the type species but comparative references are made to other animal species. During the year there are lectures on specific diseases of companion animals and more unusual pets like reptiles, small rodents and laboratory animals.

Practical work in the Veterinary Clinic and Hospital is undertaken each day as well as case illustrated tutorials.

Veterinary Surgery I (Part B)

The course of 108 lectures includes the surgical diseases and affections of domestic animals. These are arranged with emphasis on a systemic approach giving special consideration to the more important systems of the body such as the locomotor, which includes neuromuscular and skeletal diseases and orthopaedics, the respiratory, alimentary and uro-genital systems, the latter embracing obstetrics and pre- and post-partum conditions. The special sense organs such as the eye and ear are dealt with separately.

Students are given training by lectures and demonstrations in the principles of antisepsis and aseptic surgery, and in the technique of operative surgery and in anaesthesia, radiography and radiology. They also practise surgical techniques under supervision in 51 hours of formal practical classes. Students assist in the surgery and aftercare of animals in the veterinary hospital on a roster system as part of the 200 hours' clinical work.

The course of instruction in veterinary anaesthesia covers the theory and practice of general anaesthesia and of local and regional analgesia. The student studies the pre-operative assessment of the anaesthetic patient in addition to the recognition and management of post-operative anaesthetic complications. Fluid therapy and intensive care of both surgical and medical cases are undertaken. A Diploma in Veterinary Anaesthesia enables the graduate veterinarian to acquire special skills in the field of anaesthesia, analgesia, fluid therapy and intensive care.

Instruction in the use of radiology as an aid to clinical diagnosis in diseases of the different body systems is given.

Examination of clinical cases, practical classes and tutorials will provide an introduction to radiographical diagnosis and cover further aspects of radiography, radiation protection and radiotherapy. A postgraduate Diploma in Veterinary Radiology is offered in the department to permit graduates to develop special skills in this field.

The course in obstetrics is given in the Fourth and Fifth Years. Students are given instruction in prepartum affections, parturition, dystocia, and the affections of the urogenital tract at birth. Practical experience is provided at the Veterinary Hospital in Sydney and at the Rural Veterinary Centre at Camden, as well as in formal demonstrations of the manipulative and operative aspects of veterinary obstetrics.

Veterinary Clinical Pathology I

A course of lectures, demonstrations, practical classes, and seminars during Fourth Year deals with the practical application of pathological, biochemical, microbiological and parasitological techniques to clinical aspects of Veterinary Science.

Practical work includes the examination of specimens taken from living animals by techniques in the above fields. Special attention is given to the application and interpretation of tests used in the diagnosis of disease.

Veterinary Parasitology

A study of the structure and biology of arthropod, helminth and protozoal parasites of domesticated animals, and the pathogenesis, diagnosis, epidemiology and control of parasitic diseases. Particular emphasis is given to the prevention of parasitic disease in farm animals and the public health importance of animal parasites. The course comprises 45 lectures and 81 hours of practical work.

State Veterinary Medicine

A course of lectures in State Veterinary Medicine is given in Fourth Year. This covers the application of local, state and federal legislation to the control of animals and animal diseases. The role of veterinarians in society, veterinary ethics and all the implications of the Veterinary Surgeons Act are discussed.

Veterinary Hospital and Clinic

Students attend the Veterinary Hospital and Clinic in Sydney throughout all three terms of the Fourth Year and in certain periods of the Fifth Year. Material from their lectures in Veterinary Medicine and Veterinary Surgery is augmented by actual practical experience in the diagnosis and treatment of medical and surgical disorders in horses, dogs, cats, small cage birds and miscellaneous pets. Special instruction is given in practical therapeutics, post-operative care, prescription writing, case record keeping, hospital administration and veterinarian-client relationships. Students are rostered for duties in turn in the medical, surgical and out-patients departments of the hospital, and in the clinical pathology laboratory.

FIFTH YEAR

Veterinary Public Health

This course comprises 45 hours of lectures and practical sessions that describe and illustrate the role of veterinarians in the maintenance and promotion of human health.

There are lectures on disease in populations, the zoonoses, meat technology, food inspection and problems associated with drug residues in food animals. This is a co-ordinated subject comprising material previously spread over three years of the course.

The departments of Veterinary Anatomy, Animal Husbandry, Veterinary Pathology and Veterinary Clinical Studies all contribute.

Veterinary Surgery II

In Fifth Year the surgery course consists of 36 hours of lectures or seminars on special features of surgery, anaesthesia, radiology and obstetrics of farm animals and 80 hours of practical instruction. The practice of surgical and obstetrical techniques under supervision and preparation of small and large animals for surgery and their after care in the Rural Veterinary Centre continues throughout the year.

Students are expected to reach a standard of skill enabling them to control, examine and make clinical diagnoses, and undertake the treatment of the common diseases found in general practice. Active practical participation in the out-patients and in-patients departments of the Veterinary Hospital at the University of Sydney and in the ambulatory clinic at the Rural Veterinary Centre, Camden, combined with periods spent with veterinary practitioners engaged in general practice, provide opportunity to reach the standard required at graduation.

Veterinary Medicine II

This comprises 138 lectures on the medicine of horses, cattle, sheep, pigs and poultry. Formal lectures are complemented by clinical work with the patients of the Rural Veterinary Centre and by practical classes. The Rural Veterinary Centre and its laboratory provide experience in the management of a wide range of disease problems in most of the traditional farm livestock. Students also participate in the herd health services provided for dairy farmers and pig producers in the district, and in veterinary services provided to zoological parks and deer farms.

Rural Veterinary Centre

During their period of residence at Camden, Fifth Year students are introduced to veterinary practice among farm animals. This is achieved by practical work in groups in the ambulatory clinic, hospital and clinical pathology laboratory of the Rural Veterinary Centre. Students are able to observe disease problems under field conditions and obtain practical experience in the application of clinical pathology techniques utilised in the investigation of these diseases.

Animal Production

A course of lectures and practical work in Fifth Year on the application of scientific principles to the nutrition and production of livestock.

Ruminants: Nutrient requirements of sheep and cattle, and ration calculation procedures. Pasture composition—native and improved, temperate and tropical, grasses and legumes. Changes with stages of growth. Composition and usage of concentrates and non-protein nitrogen. Factors limiting efficiency of production of meat, wool and milk—environmental, nutritional, hormonal, genetic and disease. Differential diagnosis of limiting factors—nutrition, management and genetic manipulations to overcome them.

Monogastic: Nutrient requirements of pigs and poultry, Composition of feeds and ration formulation. Systems of egg production and pig and poultry meat production and factors limiting efficiency. Disease situations related to nutrition and husbandry. Nutrient deficiency states and nutrient interactions in metabolism.

Control of reproduction in farm animals: Artificial insemination of farm animals including the collection, handling and preservation of semen.

Veterinary Clinical Pathology II

A course of lectures, demonstrations, practical classes and seminars during Fifth Year deals with the practical application of pathological, biochemical, microbiological and parasitological techniques to clinical aspects of Veterinary Science.

Practical work includes post-mortem examination, histopathological methods, naked-eye and microscopical examinations of tissues affected with disease processes, and laboratory techniques for haematology and clinical pathology.

The total time devoted to the subject is approximately 100 hours. Special attention is given to the application and interpretation of tests used in the diagnosis of disease.

Miscellaneous practical work

Students are required to do practical work in Livestock Husbandry, as described in the Animal Husbandry course.

During the vacations, Fifth Year students attend the Veterinary Hospital and Clinic at the University in Sydney and at the University Farms at Camden for practical experience in Clinical Veterinary Medicine and Surgery. They are also required to undertake specified extramural practical work arranged by the Faculty.

Essay

All students must satisfactorily complete an essay during the undergraduate course and before graduation. The latest time acceptable for nomination and faculty approval of the topic is by the end of Trinity term in Fourth Year. Essays must be submitted by the first week of Trinity term in Fifth Year. Students may, however, register their topic and complete their essay before these deadlines.

Hospitals recognised for teaching purposes

General teaching hospitals

Lidcombe Hospital	657
Mater Misericordiae Hospital	657
Repatriation General Hospital	658
Royal North Shore Hospital	659
Royal Prince Alfred Hospital	659
Westmead Centre	660

Special teaching hospitals

Cumberland Hospital	661
Macquarie Hospital	662
Royal Alexandra Hospital for Children	662
Rozelle Hospital	663
St Margaret's Hospital for Women	663
Sydney Hospital	663

Affiliated hospitals	**664**
United Dental Hospital	665

General teaching hospitals

LIDCOMBE HOSPITAL

In 1879, the New South Wales Government purchased some 1340 acres of land in what was then known as the District of Rookwood and in 1884 a portion of this area was cleared for a proposed Reformatory for boys and a model farm. During 1885, plans were drawn up and in 1887, four brick dormitories, a dining hall and a residence for the superintendent were erected and a large orchard and a vegetable garden were planted. For the next six years, however, these buildings remained unoccupied except for a caretaker/manager and in 1893, during a period of widespread unemployment and destitution, the buildings and land were transferred to the control of the Charities Department and an institution known as the Rookwood Asylum for the Aged and Infirm was established.

Initially, some 80 men were transferred from Parramatta and the institution was provided with a staff of four—a matron/superintendent, a clerk, an attendant and a carpenter. Over the ensuing years, the inmate population grew to 317 and an additional attendant, nurse, storekeeper, two gardeners and two chaplains were added to the staff establishment. By 1896, the inmate population had risen to 581 and the government decided that the Rookwood Asylum should be developed as the main institution for the state's aged male poor and that its development and administration should be remodelled on the Newington Home for Women. In 1899 the available accommodation was increased to 800 beds.

In 1906 Dr R. A. Fox, who had been the Asylum's Visiting Medical Officer for the previous three years, was appointed medical superintendent. By this time a staff of thirty-six were employed to care for the more than thirteen hundred inmates accommodated, and gradually over the first few years of Dr Fox's superintendentship the hospital side of the institution's activities began to assume a much greater importance. By 1913 clinical departments under honorary medical staff had been established in the fields of dermatology, ophthalmology, E.N.T., surgery, neurology and general surgery, and in keeping with these developments the 'Asylum' name was replaced by the more appropriate 'State Hospital and Home'. At this time also, the name of the district was changed from Rookwood to Lidcombe.

Over the next fifteen years further buildings were added and by the time of Dr Fox's retirement in 1929, a staff of 138 was employed to care for a total of 988 hospital and nursing-home patients and 732 inmates. Through the superintendentships of Drs McMaster, Baret, Brooks and Procopis, developments continued with new wards and dormitories being added in 1938 and 1940, a new nurses home being opened in 1940, a recreation building being provided for home section residents in 1946, a new ward being constructed for tuberculosis patients in 1955, and finally eight new wards being provided to house long-stay nursing home patients during 1956 and 1957.

The next major phase of the hospital's development took place in the early 1960s. A programme of dormitory conversions was commenced, which was to see the modernisation of wards over a period of eight years, and it was during the early part of this programme that decisions were taken to establish a comprehensive geriatric service for both male and female patients and to define areas for which the hospital would be primarily responsible. Concurrently the general medical and surgical services of the Hospital were upgraded with the employment of staff specialists in a number of fields, and in 1971 the construction of stage I of the long-awaited new hospital block was commenced. This building provided new operating theatres, a large modern C.S.S.D., an 11-bed intensive care unit and a new Department of Diagnostic Radiology; it is linked to the new stage II building which provides a further 152 beds, new administrative offices and some additional diagnostic services.

For the greater part of its existence, Lidcombe functioned as a chronic diseases hospital catering for the aged and the indigent. However, in contrast to most other similar institutions, it provided most of the required acute medical and surgical services, and from this base the hospital has been developed into a large modern complex providing a full range of medical and surgical services together with a comprehensive geriatric service.

Lidcombe Hospital commenced as a clinical school of the University in May 1976 when 14 students began instruction at the hospital. Prior to that students from other teaching hospitals had undergone instruction in medicine and geriatrics at the hospital. There are about 60 students training at the clinical school. The clinical school is under the direction of a Board of Medical Studies. Lidcombe Hospital is now the site for: the Cumberland College of Health Sciences; the Division of Analytical Laboratories; Air Pollution Control Branch; and other Government agencies.

Administrative staff

Medical Superintendent
G. W. Carter, MB BS GradDipHA

Deputy Medical Superintendents
J. Flack, MB BS, FRACP
G. J. Marcar, MB BS DPH

Manager
M. Smith

Warden of the Clinical School
P. F. Thursby, MB BS, FRACS

Clinical Supervisor
T. P. Gibian, MB BS, FRACP

MATER MISERICORDIAE HOSPITAL, NORTH SYDNEY

The Mater Misericordiae Hospital, North Sydney, began operations as a cottage hospital in Willoughby Road on 21 January 1906. On this date it was blessed

and declared open by the then Cardinal Archbishop of Sydney, His Eminence Cardinal Moran.

In 1912 the Sisters purchased and occupied the former residence of the Honourable R. E. O'Connor, then a Member of Parliament, and began using it as a private hospital. This cottage stood on the site where the present private hospital of 136 beds now stands. With the acquisition of surrounding properties, the Sisters proceeded to build a public hospital adjacent to the private hospital, and the public hospital on its present site was first opened in March 1915.

From their beginnings in the treatment of a limited number of medical and surgical patients and a small children's ward in Willoughby Road, the Sisters expanded with the opening of the General Hospital on Pacific Highway into the fields of Casualty and Outpatients Departments, Pathology Department and the developing specialties.

In 1941 the Sisters opened the Maternity Hospital on the corner of Sinclair Street and Rocklands Road, opposite the General Hospital.

The public hospital at present comprises 266 beds, including 57 obstetric beds, and offers services in all disciplines of medicine and surgery.

In 1968 the hospital became affiliated with the University for the purpose of clinical undergraduate teaching, in which activity it now works in close co-operation with and under the direction of the long-established Clinical School at the Royal North Shore Hospital, which is situated nearby. The hospital began undergraduate teaching on 7 January 1969. Students allocated to the Royal North Shore Hospital clinical school undertake part of their training in general and special Medicine and Surgery at the Mater Misericordiae Hospital.

The hospital offers its services in all the specialties of medicine through organised departments, staffed by Visiting Medical Officers and Staff Specialists. Departments of special interest are a Haemodialysis Unit, which works in close co-operation with the Renal Treatment Units of the Sydney and Royal Prince Alfred Hospitals, and the community health services staffed by multidisciplinary health professionals and fully trained nurses, who provide home nursing care to patients in the surrounding municipalities under the direction of family doctors. The hospital also offers a comprehensive geriatric and rehabilitation service in co-operation with the nearby Greenwich Hospital.

The hospital is associated with the Lourdes Hospital, Killara, conducted by the Missionary Sisters of the Society of Mary. This hospital of 21-bed capacity, was closed as a special hospital for patients suffering from tuberculosis at the end of 1966 and reopened shortly thereafter as an acute after-care hospital serving patients from the Mater Hospital.

The hospital's Visiting Medical Staff, 130 when required for undergraduate teaching, are appointed for a term of five years by Reverend Sister Administrator on the recommendation of a Conjoint Board consisting of representatives of the Senate of the University and the hospital.

In addition, there are thirty-one full-time medical officers (inclusive of resident medical officers) employed in the hospital's service.

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REPATRIATION GENERAL HOSPITAL, CONCORD

The Repatriation General Hospital, Concord, was built during World War II and was opened in 1942 as a Base Hospital for the Army in New South Wales; it was then known as the 113th Australian General Hospital. In 1947 the Hospital was handed over by the Army authorities to the Repatriation Commission and now is the major hospital for the Department of Veterans' Affairs in New South Wales. The hospital has a present capacity of 900 beds; a new multi-storey building is at present in the planning stage and is expected to add an additional capacity of about 500 beds. The hospital is staffed by 150 visiting and 45 full-time specialists, as well as by resident and non-resident Medical Officers.

An auxiliary hospital (Lady Davidson Hospital) of 235 beds for chest diseases, postoperative convalescence and medical rehabilitation cases is also conducted by the Department at Turramurra. During 1974 an outpatients department commenced activities within the hospital. A casualty department was opened at the hospital in 1976. This department serves the needs of the community in general as well as ex-servicemen and their dependants.

The present clinical school was established in 1963 when 16 students began their clinical years at the hospital. A further step forward was taken with the commencement of duties of an associate professor in Surgery in August 1966. Professorial wards and units in Medicine, Surgery and Psychiatry have now been established in the clinical school. Senior lecturers in Medicine and Surgery have also been appointed.

The Repatriation General Hospital, Concord, had previously undertaken undergraduate teaching responsibilities in the late 1940s and early 1950s to help cope with the increased volume of medical students due particularly to the great numbers of C.R.T.S. students.

The full potential of teaching material available from approximately 732 in-patients is open to the clinical school, including approximately 220 female patients. The hospital contains large departments of Medicine and Surgery as well as the specialties, including Gynaecology, and also a dental clinic.

A clinical sciences block within the hospital grounds and adjacent to the present student quarters was opened in 1973. It provides office accommodation for the warden and clinical supervisor, two large lecture/demonstration rooms and tutorial rooms, a large lecture theatre to accommodate about 150 people, offices for the professorial units and research laboratories including an animal research laboratory and operating theatre. A library building was completed in 1967 and this now houses a comprehensive range of textbooks and journals.

The visiting specialists are appointed for a term of five years and are eligible for reappointment. The clinical school is under the direction of the Board of Medical Studies and is administered within the hospital by the clinical supervisors with the guidance of the Dean of the Faculty of Medicine.

Administrative staff

General Superintendent
O. G. Curteis, MB BS GradDipHA, FACMA

Director, Medical Administration
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Warden of the Clinical School
S. G. Koorey, MB BS, FRCS FRACS

Clinical Supervisor
O. Peiris, MD BS *Ceyl.*, MRCPEd MRCP FRACP

ROYAL NORTH SHORE HOSPITAL OF SYDNEY

During the year 1885 the first practical attempt to found a public hospital for the North Shore community was made by Mr and Mrs F. B. Treatt, of Chatswood. Sir Henry Parkes, in 1887, laid the foundation stone of the North Shore Hospital on land in Willoughby Road, presented by David Berry, Esq., and the hospital was opened in 1888, with accommodation for fourteen patients. In 1902 the foundation stone of a new hospital was laid by Sir Harry Rawson on a site of 8 acres (3.25 ha) in St Leonards. In that year, also, permission was granted by King Edward VII for the institution to be designated 'The Royal North Shore Hospital of Sydney'. Its first pavilion, together with an administration block, was opened for the reception of patients in 1903.

Since that date, the size of the site has been increased progressively, until at the present time it has an area of 11.25 ha, including a recently acquired block of 2.5 ha contiguous to Gore Hill Oval. Here will be located a new hospital of 600 beds, stage I of which has been completed, situated on the highest ground in the vicinity, surrounded by a green belt, or non-residential area, aggregating approximately 32 ha. The hospital comprises 881 beds and includes departments in all major specialties. University departments on site include Medicine, Surgery, Obstetrics and Gynaecology, Orthopaedics and Psychiatry. Research activities are conducted by the university departments, the Kolling Institute of Medical Research and a number of clinical hospital departments.

The hospital's sixty-three years of medical service to the community was recognised by the University when in 1948 the 'Clinical School for Medical Undergraduates' was inaugurated in the presence of the Chancellor, Sir Charles Bickerton Blackburn.

In addition to its role as a teaching hospital the hospital provides the major regional resource for the Northern Metropolitan Region, as well as certain supra-regional specialties catering for a population of nearly one million. Undergraduate education in the Allied Health services is undertaken in conjunction with the Cumberland College of Health Sciences.

The clinical school is under the direction of a Board of Medical Studies and the warden of the clinical school. In addition clinical supervisors are appointed in Medicine and Surgery.

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ROYAL PRINCE ALFRED HOSPITAL

In 1868 an attempt was made on the life of HRH Prince Alfred, a son of the reigning Queen Victoria, at the Sydney suburb of Clontarf. The public conscience was so stirred by this unfortunate event that a charitable fund was opened to honour the name of the

Prince and to give thanks for the saving of his life. Out of this fund arose the Prince Alfred Hospital in Sydney and the Alfred Hospital in Melbourne. Prince Alfred Hospital was opened for the treatment of patients on 25 September 1882. It was designed as a general hospital for the care of the sick, as a teaching hospital for the University and as a training school for nurses. Its site immediately adjacent to the University, between St John's and St Andrew's Colleges, was ideal for its function as a teaching hospital. The hospital was incorporated by an Act of Parliament in 1902 and the appellation Royal was added in 1904.

Originally comprising the centre administrative block and the 'Prince's block', which housed wards, lecture and operating theatres, it was soon completed by the addition of the C and D blocks and the Victoria and Albert Pavilions to give it the facade that it has today. More recent additions included Gloucester House, a private and intermediate block, in 1936, and the Psychiatry Pavilion in 1938. The Dame Eadith Walker Convalescent Hospital (Yaralla) was acquired in 1940 and King George V Memorial Hospital devoted to obstetrics and gynaecology was opened in 1941. The Page Chest Pavilion was built primarily for the treatment of tuberculosis and financed by the Commonwealth Government. Since its opening in July 1957 it has come to embrace also non-tuberculosis chest diseases and cardiology. The Blackburn Pavilion, opened in 1962, houses medical and surgical professorial units, operating theatres and a central sterilising service for the whole hospital.

The hospital is unique in Sydney in having had a clinical school from its inception. There were no full-time professors in clinical subjects in those days, but the association with the Faculty of Medicine in the University has always been close. The early part-time professors of medicine and surgery were Honorary Physicians and Surgeons respectively of the hospital. The appointment of full-time Professors of Medicine and of Surgery in 1931 saw the setting up of Professorial Units in Medicine and Surgery at the hospital. These were originally housed in the Prince's block, but since 1962 have been in the Blackburn Pavilion. The proximity of these units to the Departments of Medicine and Surgery of the University has enabled the academic staff to remain in close contact with their wards in the hospital. Professorial Units in Obstetrics and Gynaecology, Psychiatry, Anaesthesia, and Cardiology are also housed in the hospital.

The hospital is a large one with a total bed capacity of 1532. It offers facilities for undergraduate teaching in general medicine, general surgery, psychiatry, obstetrics and gynaecology and in all the generally recognised specialities. It also provides postgraduate teaching in all these fields. Its regular Seminars and Grand Rounds are highlights of Sydney's postgraduate activities. The hospital sends senior resident medical officers or registrars to work in the Bathurst District Hospital, Dubbo Base Hospital, Orange Base Hospital, Port Moresby General Hospital and Lewisham, and Rachel Forster Hospitals. This provides a loose affiliation with these hospitals and benefits all concerned.

It is staffed by approximately 350 honorary and visiting medical officers, 60 full-time specialists and 140 full-time medical officers in various training and resident posts. Visiting medical officers are appointed by a Conjoint Board composed of members of the Hospital Board of Directors and of the Senate of the University. The management of the hospital is in the hands of the Board of Directors. The 22 directors include the Chancellor of the University and the Dean of the Faculty of Medicine (ex officio), 10 directors appointed by the Government of New South Wales and 10 elected by hospital governors and subscribers. The General Superintendent, a medical graduate, is the chief executive officer. He is responsible to the Board of Directors for the whole administration of the hospital and works in consultation with the medical staff through the Medical Board and with the Faculty of Medicine through the Board of Medical Studies and the Warden of the Clinical School.

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WESTMEAD CENTRE

The Westmead Centre, which was opened in 1978, has 925 beds and 17 operating theatres, and is one of the largest medical centres in Australia. It is a major teaching hospital for the University, providing clinical schools for both medical and dental students.

The Westmead Centre complex serves the Western Metropolitan Health region of Sydney, which has a population of 1.3 million. The centre provides a comprehensive health care service to this important and fast-growing area.

The centre provides services in general medicine and surgery and related specialities, obstetrics and gynaecology, paediatrics, a special baby care unit, intensive

care, acute psychiatry, and a unit for emotionally disturbed children and adolescents. The centre functions not only as a district hospital but also as a major referral centre within the region. There is a full range of diagnostic and therapeutic services, including a large radiotherapy department. In addition there are an accident and emergency service, full out-patient facilities, and a geriatric unit providing both in-patient and day care. There is also a large dental unit providing general and specialist dental health care.

The New South Wales Institute of Clinical Pathology and Medical Research has been moved from its former site at Lidcombe Hospital and has been re-established as part of the Westmead Centre complex. Another significant feature of the Centre is the library, which includes the library of the New South Wales branch of the Australian Medical Association.

In addition to its clinical schools for medicine and dentistry, the centre provides clinical training for students of the Cumberland College of Health Science, and clinical training for nurses.

Professors of Medicine, Surgery, Obstetrics and Gynaecology, Paediatrics and Geriatric and Community Medicine based at the Westmead Centre have been appointed, together with senior lecturers in most of these disciplines. The Director of Dental Services of the hospital is also Professor of Dentistry and other dental academic staff are based at the Centre. In addition, there are a large number of part-time clinical lecturers. The Senate has conferred the title of Clinical Professor of Radiotherapy on the Director of Radiotherapy of the hospital, and the title of Clinical Professor of Pathology on the Director of the Institute of Clinical Pathology and Medical Research, and the title of Clinical Professor of Psychiatry on the Director of Psychiatry of the hospital.

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Special teaching hospitals

CUMBERLAND HOSPITAL

Cumberland Hospital is a Schedule Five Hospital under the N.S.W. Hospitals Act and a mental hospital and admission hospital under the N.S.W. Mental Health Act. It is in the Western Metropolitan Health Region and is a facility run by the N.S.W. Department of Health.

The medical staff consists of 29 positions for psychiatrists and trainee psychiatrists. Each year 12–14 doctors are in training for the Membership of the Royal Australian and New Zealand College of Psychiatrists.

The hospital was established in 1848 as an asylum on a tract of land set aside for this purpose adjacent to Parramatta Park. This land now includes the location of Marsden Hospital (for intellectually handicapped children) and the Westmead Centre (part of the Parramatta Hospitals), which incorporates Redbank House (child and adolescent psychiatric service).

The hospital has undergone considerable alteration but remained known as a mental hospital until the early 1960s when dramatic changes were implemented to establish a modern psychiatric facility. Psychiatric admission units for acutely ill patients were established with a responsibility for specific geographic areas extending from Parramatta to Katoomba. In addition the hospital is responsible for the inpatient care of a large number of long-stay patients requiring rehabilitation and community placement. A drug and alcohol dependency service was started for admission and short-term treatment of referred patients. Within these services the various aspects of clinical psychiatry are offered: assessment, diagnosis and management of patients with acute psychiatric disorders; management of patients with recurrent long term disorders; management of patients with impairment of the central nervous system; assessment and management of elderly patients (geriatric psychiatry); and a range of community psychiatry services — outpatients' clinics, day centres, and follow up after care and home visiting. Staff from the hospital participate in the work at the Community Health Centres at eleven locations including Katoomba, Penrith, Mt Druitt, Blacktown, Fairfield and Parramatta.

Patient care teams are multidisciplinary, comprising doctors, social workers, nurses, psychologists, occupational therapists and medical secretaries. There is a psychiatric nurse training school at the hospital. Placement for clinical experience is provided for social workers, welfare officers and occupational

therapists. Medical students based at the Repatriation General Hospital, Concord, and the Westmead Centre are allocated to the hospital for clinical experience in psychiatry.

Administrative staff

Medical Superintendent
K. A. Henson, MB BS *N.S.W.*, FRANZCP

Clinical Supervisor
G. Westerink, MB ChB *N.Z.* DPM *Melb.*, FRANZCP

MACQUARIE HOSPITAL

The Macquarie Hospital, formerly known as North Ryde Psychiatric Centre, provides a variety of services including an Acute Admission Service, a Rehabilitation Service, an Emotionally Disturbed Children's Service, Services for the Psychogeriatric patient and the Intellectually Handicapped Service. It also provides surgical and medical services for psychiatric hospital patients all over New South Wales.

The hospital is situated on 40 hectares of land in Cox's Road, North Ryde, and is under the authority of the Health Commission of New South Wales. Building began on the site in 1956 and the first patients took up residence in January 1959. The hospital was originally conceived as one that would provide special facilities to deal with particular problems that other psychiatric hospitals were not equipped to handle.

In October 1961 the Wallace Wurth Clinic (Wards 10 and 11) was opened as an admission centre and replaced the almost century-old Reception House at Darlinghurst. Its initial function was mainly as an admission and diagnostic unit, patients being discharged after diagnosis and short-term treatment, or transferred to other psychiatric hospitals for further treatment if this were indicated.

The Centre became a teaching hospital of the University in 1967 with the opening of a sub-professorial unit in 1960.

With the development of regionalisation of psychiatric services within the metropolitan area, other psychiatric hospitals opened their own admission centres, and North Ryde became responsible for the care and treatment of those patients living in the northern metropolitan region of Sydney. Sub-regionalisation evolved within the North Ryde Centre, and the various adult psychiatric units then began to function as admission and treatment units for their own specified sub-region.

The acute admission service is in Wards 12 and 13. Ward 5 and The Lodge are used for long stay patients. A full-time consultant physician supervises the medical and psychogeriatric service (Wards 1 and 14). A full-time consultant surgeon directs the surgical unit in the Cameron Block.

A children's unit provides residential accommodation for the treatment of disturbed children of both sexes. A special school staffed by teachers of the New South Wales Department of Education has been incorporated into the unit. Teachers are also provided for the Developmentally Disabled Persons Service.

Wards 7 and 9 are used as a major inpatient facility for the Developmentally Disabled Persons Service of the Northern Metropolitan Region.

Community Health Centres relate directly to Macquarie Hospital. These include those for the Lower North Shore Area, Ryde-Hunters' Hill Area and Manly-Warringah Area.

In addition to providing specialised services (surgery, T.B. and children) to the Northern Metropolitan Region, Macquarie Hospital provides these if required to the whole state.

Administrative staff

Medical Superintendent
J. A. Thompson, BHA *N.S.W.* BSc MB BS, FRANZCP FRACMA LHA

Clinical Supervisor
M. D. McGrath, MB ChB *Leeds* DPM *R.C.P.&S.*, MRCPsych FRANZCP

ROYAL ALEXANDRA HOSPITAL FOR CHILDREN, SYDNEY

The hospital was established in 1879 and moved to the present site in 1904. It is a 340 bed paediatric hospital caring for neonates, children and adolescents. It has full-time staff in all the usual paediatric medical and surgical subspecialities as well as in the paramedical and technical supporting services. Most departments have active research programmes. A twenty-four hour transport team is available to collect neonates and children requiring special care prior to or during transfer from other hospitals.

The comprehensive diagnostic services include facilities for C.T. scanning, ultrasound and nuclear medicine in the body imaging department.

Many activities extend into the community at both health care and education levels. Specialist consultant clinics are held in outer Sydney and major country centres.

The hospital is controlled by a Board of Management and a house committee. Visiting medical officers and staff specialists are appointed by a conjoint board of the hospital and the University.

The Children's Medical Research Foundation is associated with the Hospital and the laboratories are in the grounds.

There are both undergraduate and postgraduate teaching activities in medicine, nursing and other major allied health professions.

The establishment of a clinical school was agreed upon in 1924. The first students attended under this arrangement in 1927. The Professor of Child Health in the University is located within the hospital.

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ROZELLE HOSPITAL

In July 1976 Broughton Hall Clinic and Callan Park Hospital were amalgamated and called the Rozelle Hospital. This hospital provides a comprehensive psychiatric service to communities served by the new Southern Metropolitan Health Region. The hospital has some 600 beds, and a medical staff of 34.

Broughton Hall has had a long association with the University. It was established as a psychiatric hospital in 1921. Sydney Evan Jones was appointed as the first medical superintendent and continued to develop the hospital until his death in 1948. Jones was a member of the teaching staff of the University, and Broughton Hall rapidly became an important centre of teaching both in neurology and psychiatry.

In 1955 W. H. Trethowan was appointed to the Chair of Psychiatry, and he also became Clinical Director of Broughton Hall. Similar appointments have been held by the late D. C. Maddison (until 1974) and by P. J. V. Beumont. These appointments stimulated further development, most particularly in the form of teaching rogrammes for undergraduates and psychiatrists-in-training. The psychiatric postgraduate unit for the University was opened at the clinic in 1957, and the Evan Jones Lecture Theatre in 1963. The New South Wales Institute of Psychiatry was opened within Broughton Hall in 1968. The Undergraduate Teaching Unit was opened in 1973.

In addition to providing acute inpatient admission services the hospital has special units for the treatment of alcoholics and geriatrics, and a comprehensive rehabilitation programme for chronically disturbed patients. All units of the hospital have close links with the community health centres within the Region.

Administrative staff

Medical Superintendent
P. B. Shea, BHA *N.S.W.* DPM *R.A.N.Z.C.P.* GradDip (Health Admin)*N.S.W.* DipEnvStud *Macq.* MB BS MPH DipCrim, FRACMA FRANZCP LACHSE AFAIM

Deputy Medical Superintendent
L. Helen Barnes, MB BS DPM, FRANZCP MRCPsych

ST MARGARET'S HOSPITAL

St Margaret's Hospital was established in 1894 and has been under the care of the Sisters of St Joseph of the Sacred Heart since 1937.

In 1964 the hospital became a teaching hospital in Obstetrics for the University and in 1967 a clinical supervisor was appointed. In 1970 St Margaret's became a full teaching hospital in both obstetrics and gynaecology. In addition it has been for a number of years a recognised training school for midwifery.

The hospital has 115 beds with about 2750 births per year and 2300 gynaecological operations, and has a fully equipped special care nursery for the care of the newborn. Neonatal teaching is also conducted.

Resident medical officers are appointed only after they have completed at least 2 years' residency in a general hospital. Most of these officers go into general practice, but several remain and complete the intensive training programme for the English and Australian Royal College of Obstetrics and Gynaecology.

A university teaching block, including students quarters, lecture hall and library, was completed in 1970.

In March 1967 St Margaret's Children's Hospital, a full-care paediatric hospital of 150 cots and beds, was opened adjacent to the Obstetric Hospital: it had a full intensive-care ward for neonates and saw approximately 12 000 outpatients per year, but closed in October 1979.

St Margaret's Hospital has a full medical staff covering all specialities, as well as a full-time medical and administrative staff to assist the Sisters of St Joseph's in conducting the hospital. The University's Professor of Obstetrics and Gynaecology is an honorary consulting lecturer in obstetrics at the hospital.

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SYDNEY HOSPITAL

The first hospital in Australia was established at Dawes Point shortly after the arrival of the First Fleet in 1788. It was transferred to the Sydney Hospital site in Macquarie Street in 1816 when Governor Macquarie built the 'Rum' Hospital. In 1826 the general hospital was known as the 'Sydney Dispensary' and became the 'Sydney Infirmary and Dispensary' in 1845. In 1881 the Sydney Hospital Act was passed and it is under this Act that the present Board of Directors is constituted.

The first Nurses' Training School in the Florence Nightingale tradition was established in 1868 after negotiations between the N.S.W. Government and Miss Nightingale.

The Sydney Eye Hospital in Woolloomooloo, which is an integral part of Sydney Hospital, houses the University's Department of Ophthalmology and Eye Health which is located in the new Eye Hospital building. This was completed in July 1974 and was fully occupied at the beginning of 1975. This building, as well as providing new outpatient facilities and operating theatres, also accommodates the new library for the Ophthalmic Postgraduate Centre.

The clinical school of Sydney Hospital was established in 1909 under the direction of the Board of Medical Studies and it affords a course of instruction in accordance with the curriculum of the University. Since then over 3000 undergraduates have entered the school.

Owing to major reorganisation of hospital services in the metropolitan region commenced in 1982, the size of Sydney Hospital has been considerably reduced and it has not been possible for the hospital to continue as a general teaching hospital to the University. Whilst it is intended that it should provide clinical training for students the nature of this teaching must await clarification of the role of the hospital and the clinical resources that will be available.

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Affiliated hospitals

In 1971 the Senate adopted a number of recommendations made by the Faculty of Medicine concerning the affiliation of hospitals for teaching purposes. Under these recommendations:

(1) The University of Sydney recognises affiliated teaching hospitals in addition to its present recognised teaching hospitals.

(2) Hospitals desirous of and suitable for affiliation shall be considered on a regional basis wherever possible, in association with one of the existing teaching hospitals or proposed regions.

(3) There shall be formed three teaching regions:
- (i) a *central region*, with Royal Prince Alfred Hospital, Sydney Hospital and the Repatriation General Hospital as central clinical schools;
- (ii) a *northern region*, centred on the Royal North Shore Hospital;
- (iii) a *western region*, based on Westmead Centre.

(4) The Royal Newcastle Hospital and the Lidcombe State Hospital shall each become affiliated hospitals, separate from the regional concept proposed in paragraph (3).

(5) The regional groupings of teaching hospitals and affiliated hospitals shall be used for both undergraduates and postgraduate medical education.

It is understood that there will be no cost involved to the University in the development of the proposed affiliated hospitals.

It is envisaged that the Warden or Clinical Supervisor in charge of the Clinical School of the parent hospital will, under the direction of the Board of Medical Studies of the Hospital and in conjunction with the appropriate university departments, be responsible for establishing and maintaining teaching arrangements with the affiliated hospitals.

In 1972 the Senate approved nine hospitals as affiliated hospitals in terms of the recommendations which it adopted in 1971. The hospitals are:

Rachel Forster Hospital for Women
Western Suburbs Hospital
Marrickville District Hospital
Parramatta District Hospital
Auburn District Hospital
Balmain Hospital
Blacktown District Hospital
Mona Vale District Hospital
Ryde District Hospital

In 1979 the Senate recognised the Aboriginal Medical Service of Redfern and the Australian Army Malaria Research Unit as affiliated teaching institutions of the University. In 1980 the Senate also recognised the Royal Ryde Rehabilitation Hospital as an affiliated teaching hospital.

UNITED DENTAL HOSPITAL OF SYDNEY

The United Dental Hospital was jointly established in 1904 by the University of Sydney and the Government of New South Wales. Prior to that, there had been two separate hospitals: the Dental Hospital of Sydney, established in 1900 by the Government, and the University Dental Hospital, established in 1901.

The United Dental Hospital Act of 1904 was repealed in December 1978 and a new Act, the United Dental Hospital Act of 1978, was passed to incorporate the Hospital, vesting the ownership in the Health Commission of New South Wales and reconstituting the Board of Directors with nine members instead of the previous seven.

The Hospital is at the corner of Chalmers and Elizabeth Streets, Sydney. It is opened for treatment of patients from Monday to Friday and special cases requiring post-surgical treatment are attended to on Saturday and Sunday mornings. When remodelling of the Hospital was recently carried out a separate after-hours emergency service, available to all members of the community, was initiated.

Purposes

(a) to provide dental treatment and preventive services to those who are in the opinion of the Hospital Board either for financial or other reasons unable to obtain treatment from private dental practitioners and to provide specified services on an extended Means Test and for which fees are charged and to waive charges where payments would cause undue hardship; and to provide a specialist and referral hospital to which dental and medical practitioners may refer patients for both dental consultation and treatment.

(b) to provide facilities for undergraduate and post-graduate education and training for students in the Faculty of Dentistry.

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Abbreviations

Set out below is a list of some of the abbreviations used for the names of the institutions whose degrees or diplomas are held by members of the staff.

Abbreviation	Institution
Aberd.	Aberdeen
Acad.	Acadia
Adel.	Adelaide
A.I.M.L.S.	Australian Institute of Medical Laboratory Scientists
Alta	Alberta
A.N.U.	Australian National
A.N.Z.C.P.	Australian & New Zealand College of Psychiatrists
Auck.	Auckland
Belf.	Belfast (Queen's University of)
Berl.	Berlin, Friedrich-Wilhelms-Universität (pre-war)
Birm.	Birmingham
Bom.	Bombay
Br.Col.	British Columbia
Bres.	Breslau
Brist.	Bristol
Bud.	Budapest
Calc.	Calcutta
Calg.	Calgary
Calif.	California
Caltech	California Institute of Technology
Camb.	Cambridge
Cant.	Canterbury (N.Z.)
Cape T.	Cape Town
Car.	Carleton
C.C.A.E.	Canberra College of Advanced Education
C.E.I.	Council of Engineering Institutions
Ceyl.	Ceylon (now incorporated in Univ. of Sri Lanka)
Chic.	Chicago
C.N.A.A.	Council for National Academic Awards
Col.	Columbia
C'dia	Concordia
C'nell	Cornell
Dub.	Dublin, Trinity College
Durh.	Durham
Edin.	Edinburgh
E.L.Bud.	Eotvos Lorand, Budapest
Flor.	Florida
Glas.	Glasgow
Harv.	Harvard
H.K.	Hong Kong
Ill.	Illinois
Johns H.	Johns Hopkins
Khart.	Khartoum
Lanc.	Lancaster
LaT.	La Trobe
Leic.	Leicester
Ley.	Leyden
Liv.	Liverpool
Lond.	London
Luck.	Lucknow
McG.	McGill
McM.	McMaster
Macq.	Macquarie
Madr.	Madras
Manc.	Manchester (Victoria University of)
Manit.	Manitoba
M.C.D.	Melbourne College of Divinity
Melb.	Melbourne
Mich.	Michigan
Minn.	Minnesota
M.I.T.	Massachusetts Institute of Technology
N'cle(N.S.W.)	Newcastle (New South Wales)
N'cle(U.K.)	Newcastle upon Tyne (U.K.)
N.E.	New England
Nott.	Nottingham
N.S.W.	New South Wales
N.S.W.I.T.	New South Wales Institute of Technology
N.U.I.	National University of Ireland
N.Y.	New York (University)
N.Z.	New Zealand (now dissolved)
Ott.	Ottawa
Oxf.	Oxford
Penn.	Pennsylvania
Pitt.	Pittsburgh
Prin.	Princeton
Punj.	Punjab (Lahore, Pakistan)
Punj'i.	Punjabi
Qld	Queensland
Qu.	Queen's (Canada)
R.C.O.&G.	Royal College of Obstetricians and Gynaecologists
R.C.P.&S.	Royal College of Physicians and Surgeons
Rdg	Reading
R.M.I.T.	Royal Melbourne Institute of Technology
Roch.	Rochester
Sheff.	Sheffield
Sing.	Singapore
St.And.	St. Andrews
S'ton	Southampton
Stan.	Stanford
S.T.C.	Sydney Technical College
Strath.	Strathclyde
Sus.	Sussex
Syr.	Syracuse
Tas.	Tasmania
Tor.	Toronto
Vic.I.C.	Victorian Institute of Colleges
Warw.	Warwick
Wash.	Washington (Seattle)
Wat.	Waterloo
W.Aust.	Western Australia
Well.	Victoria University of Wellington
W'gong	Wollongong
W.I.	West Indies
Wis.	Wisconsin
Witw.	Witwatersrand, Johannesburg
W.Ont.	Western Ontario

Index

A

Abbott Laboratories Prize, 424
Abbreviations, 666
Aberdeen, Helen Masterton, Scholarship, 449
Aboriginal Study Grants Scheme, 501
Aborigines, Australian, Scholarship, 410
Academic
  Board, 5
    by-laws, 120
    chairman, 19, 88, 121
    deputy chairman, 88, 121
    election of non-professorial members, 123
    former chairmen, 88
    meetings, 123 (*see also* Almanac)
    members, 19
    membership, 120, 125, 131
    quorum, 121
    student members, 125
  dress, 350
  Services, 77
  staff, 34–74
    discipline, 138
Accountant, 15, 80
  by-laws, 119
Accounting and Finance Foundation, 75, 377
Accounting, Department of
  courses of study, 594
  research centre, 507
  teaching staff, 44
Accounts, annual, 103
Acts of Parliament
  (*see* University and University Colleges Act)
  other, 105
Adams, D.J.M., Prize, 439
Adams, Miss Ruby Goodrich, Bequest, 383
Administration, 79
Administrative service units, 509
Admission (*see also* Enrolment), 497
  ad eundem gradum, 346
  ad eundem statum, 333
  after exclusion, 361
  deferred, 358
  first year, 358
  graduates of other universities or persons with equivalent qualifications, 345
Admissions, 357
  committee, 333
Adult Education
  Board, 25
  Department of, 348, 530
  exhibitions, 343
  staff, 73
Advanced students in Arts and Science, 344
Aeronautical Engineering, Department of
  by-laws, 247
  courses of study, 620
  table of courses, 258
  teaching staff, 45
Agricultural Chemistry, Department of
  courses of study, 535, 630
  diploma, 278, 283
  teaching staff, 34
Agricultural Economics, Credit Union Prize, 415
Agricultural Economics, Department of
  courses of study, 535, 595
  diploma, 278, 283
  teaching staff, 34
Agricultural Entomology (*see also* Plant Pathology and Agricultural Entomology, Department of)
  courses of study, 536
  diploma, 278, 283
Agricultural Extension
  courses of study, 536
  diploma, 278, 283
Agricultural Genetics and Biometry
  courses of study, 537
  diploma, 278, 283
  teaching staff, 35
Agricultural Microbiology (*see also* Microbiology)
  courses of study, 537
  teaching staff, 35
Agricultural Science, Diploma in, 278, 283
Agriculture, Faculty of
  board of examiners, 286
  board of postgraduate studies, 286
  by-laws, 277
  courses of study, 535
  departments of
    Agricultural Chemistry
    Agricultural Economics
    Agricultural Genetics and Biometry
    Agronomy and Horticultural Science
    Microbiology
    Plant Pathology and Agricultural Entomology
    Soil Science
    } (*see under individual names*)
  diplomas, 278, 283
  members, 19
  resolutions, 278, 284
  scholarships and prizes, 409, 414, 463
  student membership, 128
  teaching staff, 34
Agronomy and Horticultural Science, Department of
  courses of study, 539
  Diploma in Horticultural Science, 278, 283
  teaching staff, 35
Aitken, James, Scholarships, 407
Albert Travelling Scholarship in Music, 488
Albert, Frank, Prizes
  in Anthropology, 442
  in Economics, 421
  in Music, 452
  in Psychology, 454
Alexander Bursary, 403
Allan, George, Prize, 434
Allen, George, Scholarship, 451
Allen, Wigram, Scholarships, 418, 431
Almanac, 7–12

Ampol Petroleum Ltd Prize in Chemical Engineering, 425
Anaesthetics, Department of, 49
Anatomy, Department of, 49
 courses of study, 631
 teaching staff, 49
Anderson, John, Prize, 453
Anderson, Pamela Francesca, Prize, 453
Anderson, Phyllis, Research Fellowship, 476
Anderson Stuart Memorial Research Fellowship, 482
Animal Houses, 72, 81, 504
Animal Husbandry, Department of
 courses of study, 539 (*see also* Veterinary Science)
 diploma, 278, 283
 teaching staff, 71
Anthropology, Department of
 courses of study, 564
 diploma, 142
 prizes, 442
 resolutions, MA, 171
 teaching staff, 37
Appeals, 136
Applied Linguistics resolutions, MA, 175
Applied Mathematics (*see* Mathematics)
Applied Statistics Prize, 445
Appointments Board (*see* Careers and Appointments Service)
Arabic (*see* Semitic Studies)
ARC Engineering Pty Ltd Prize, 425
Archaeology, Department of
 courses of study, 565
 prize, 443
 resolutions, MA, 174
 teaching staff, 37
Archibald Research Fund, 383
Architectural Computing, Diploma in, 302, 305, 319, 324, 559
Architectural Science, Department of
 teaching staff, 36
Architecture
 Department of
  teaching staff, 36
 Faculty of
  board of examiners, 326
  board of postgraduate studies, 326
  by-laws, 302
  courses of study, 542
  members, 20
  resolutions, 306, 322
  student membership, 128
  scholarships and prizes, 416, 466
  teaching staff, 36
Archives, 504
Archivist, 79
Armfield Memorial Prize, 418
Arms, 2
Arnott Prize, 419
Arrow Bequest, 383
Arts, Faculty of
 advanced students, 344
 board of examiners, 178
 by-laws, 140
 courses of study, 564
 departments (*see under individual names*)
 members, 20
 resolutions, 143, 165
 scholarships and prizes, 409, 418, 467
 student membership, 127
 teaching staff, 37
Art Workshop, 37, 504
Ash Prize, 419
Asian Students' Council's 1963 Festival of Asia Prizes, 450, 453
Asian Studies Centre, 74
Association of Consulting Structural Engineers of N.S.W. Prizes
 in Architectural Science, 416
 in Civil Engineering, 425
Assumed knowledge and prerequisites (*see* prerequisites)
Aston, R. L., Prize, 425
Astronomy Prize, 443
Atkinson, Myra Josephine, Bequest, 383
Atlas Copco Prize, 470
Attendance at lectures, 340
Auditor, 81
Austin and Brummer Scholarship, 457
Australian
 Aborigines Scholarship, 410
 and New Zealand Society of Occupational Medicine Prize, 477
 College of Ophthalmologists' Prize, Royal, 434
 College of Theology, recognition of study, 334
 Computer Society Fund, 501
 Council on Awards in Advanced Education, 334
 Equine Veterinary Association Prize, 440
 Farm Management Society Prize, 414
 Federation of University Women, N.S.W. Branch, 529
  prizes, 412
  prize in Mathematics, 451
  prize in English, 445
 Gas Light Co. Prize in Chemical Engineering, 425
 Government Student Assistance Fund, 501
 Institute of
  Political Science prize, 421
  Physics prize, 453
  Valuers prize, 466
 Language Research Centre, 377
 Medallion, 490
 Oil Refining Pty Ltd Prize in Chemical Engineering, 425
 Psychological Society Prize, 454
 Society of Accountants
  (N.S.W. Division) Prizes, 421
  Research Lecture, 397
 Society of Endontology, N.S.W. branch, Prize, 419
 Society of Periodontology Prize, 419
 Transport Officers' Federation Prize, 450
 Veterinary Association Prize, 440
 Women's Veterinary Auxiliary (N.S.W. Division)
  Loan Fund, 501
  prizes, 440
Avian Medicine, Diploma in, 271, 275
AWEUS Liaison Committee, 17

B

Bachelor's degrees
 Agricultural Economics, BAgrEc, 278, 280
 Architecture, BArch, 302, 306, 309, 322, 548
 Arts, BA, 140, 143, 165, 564
  pass degree, 145
  honours degree, 145
  with BSocStud, 162
  with LLB, 162, 203, 205
  with MB, 162
 Dental Surgery, BDS, 265, 267, 588
 Divinity, BD, 179, 180, 593

Economics, BEc, 287, 288, 594
with LLB, 204, 206
Education, BEd, 185, 186, 609
Engineering, BE, 247, 248, 610
tables of elective courses, 259
with BSc, 245
Landscape Studies, BLandStud, 302, 306, 312, 553
Laws, LLB, 201, 202, 203, 622
with BA, 203, 205
with BEc, 204, 206
with BSc, 206
Medicine and Surgery, MB BS, 213, 216, 217, 624
with BA, 162
Music, BMus, 192, 193, 629
Pharmacy, BPharm, 226, 239, 646
Science, BSc, 225, 227, 630
with BE, 245
with LLB, 206
Science (Architecture), BSc(Arch), 302, 306, 542
Science (Dental), BSc(Dent), 267, 268
Science (Medical), BSc(Med), 214, 217
Science (Veterinary), BSc(Vet), 270, 272
Science in Agriculture, BScAgr, 278, 284, 535
Social Studies, BSocStud, 196, 648
with BA, 162
Surgery, BS (*see* Bachelor of Medicine *above*)
Veterinary Science, BVSc, 270, 271, 272
Backhouse Prize, 493
Badham Bursary, 403
Bailey Memorial Prize, 418
Baillieu Research Scholarship, 457
Baker & Ridley Memorial Prize, 440
Baldwinson Memorial Prize, 416
Baloran Trust Foundation, 383
Balthasar Bequest, 383
scholarship, 477
Bancroft Prize, 434, 477
Bank loans, 503
Banks, 505
Barker, B. C. W., Medal, 419
Barker
Graduate Scholarship, 488
prize, 451
scholarships, 407, 451, 457
Barling Memorial Fellowship, 477
Barrett Bursary, 403
Barron Bequest, 383
BBR Australia Pty Ltd Prize, 471
Beard Scholarship, 488
Beattie Prizes, 421, 431
Beauchamp Prizes, 411, 493
Beddie Scholarships, 421
Behavioural Sciences in Medicine, Department of, 50
Bell Memorial Prize, 442
Belschner Prize, 441
Belmore Scholarships, 414
Bennett, Helen, Memorial Prize, 449
Bennett, William and Agnes, Aeronautical Research Fund, 383
Bentwich Scholarship, 483
Bequests
and Endowments, 382
form, *end of book*
Berne Prize, 435
Bibby Memorial Scholarship, 416
Biblical Studies (*see* Semitic Studies)
Biochemistry, Department of
courses of study, 631
prize, 443
teaching staff, 65
Biological Sciences, School of
courses of study, 631
scholarships and prizes, 443
teaching staff, 66
Biology (*see* Biological Sciences)
prizes, 443
Biometry diploma, 278, 283
Bishop Medal, 435
Black, Sir Hermann, Prize, 445
Blackwood Bequest, 383
Blaiklock Memorial Lecture, 397
Blake Radio-Frequency and Electronic Research Fund, 383
Bland Prize, 449
Bloodhorse Breeders' Association of Australia (N.S.W. Division) Prize, 441
BNP Prize, 446
Board of Architects of New South Wales Prize, 416
Board of Studies
for the DipPsychol
for the DipTEFL
in Divinity
in Education
for the degree of MEngSc
for MPsychol
in Music
in Nutrition and Dietetics
in Social Work
(*see under individual names*)
Boards, faculties, and committees, by-laws, 120
Boards of examiners (*see also under individual faculties*), 122
Boards of medical studies in teaching hospitals, 221
Boards of postgraduate studies (*see also under individual faculties*), 122
Boards of studies, 5
by-laws, 122
meetings, 123
membership, 19–24
offices, 500
student membership, 126
Boden Chair of Human Nutrition, endowment, 383
Bondy Prize, 473
Bonner Bequest, 383
Bookshop, 504
Booth Scholarship, 422
Bosch Fund, 383
Botany (*see* Biological Sciences)
prizes, 443
Bowman-Cameron Scholarship, 409
Bradfield Memorial Prize, 425
Bramsted Prize, 449
Bray Bequest, 384
Brooker Commercial Broadcasting Memorial Prize, 425
Broughton Hall Psychiatric Clinic (*see* Rozelle Hospital)
Brown, Tim, Prizes, 454
Brown, Wolfe Solomon Prize, 435
Browne, Olga Marian, Prize, 447
Bruce-Stevens Bequest, 384
Brummer and Austin Scholarship, 457
Bryson Bequest, 384
Builder Prize, 453
Buildings and grounds, 5
committee, 17

Building Science
Diploma in, 302, 304, 317, 324, 559
Energy-Conservative Design, Diploma in, 304, 317, 324, 559
Master of, 304, 318, 324, 559
prizes, 466
Bullen
bursary, 452
memorial prize, 451
scholarships, 451, 452
Bundock Fund, 384
Burdekin Bursary, 403
Burfitt Scholarships, 439
Buring Prize, 454
Burnell Prize, 449
Burroughs Wellcome Prize, 435
Burrows, William and Edith, Bursaries, 403
Bursar, 15, 83 (*see also* Deputy Principal)
Bursaries (*see also under individual names of awards, and under names of faculties, departments and colleges*), 103, 403, 502
Bursar's Office, 80
Bursary Endowment Board, 406, 503
Busby
Musical Scholarship, 452
Research Fund, 384
Bush Memorial Prize, 419
Bushell Chair of Neurology, 384
Business Administration, Master of, 288, 297, 300
Butlin Memorial Prizes, 422
Butterworths Book Prizes, 431
By-laws, 104
amendment, 363
committee, 17
University Act, 98

C

Cable Makers Australia Prize, 425
Cadetships and traineeships, 503
Caird, G. S., Scholarships, 411
in Botany, 443
in Chemistry, 444
in Economics, 422
in Electrical Engineering, 425
in Geography, 447
in Medicine, 435
in Philosophy, 453
in Prosthetic Dentistry, 419
in Zoology, 455
Caltex Woman Graduate of the Year Scholarships, 490
Campbell, Nina Annie, Postgraduate Medical Scholarship, 478
Campbell, Robert, Scholarship, 407
Cancer Medicine, 50
Candidature (*see individual degrees, and* Higher degree)
Careers and Appointments Service, 504
members of Appointments Board, 25
resolutions, 352
staff, 81
Carillonist, 81
Carnation
Paediatric Prize, 435
Prize in Animal Nutrition, 441
Carroll, J. L, Memorial Fellowship, 397
Carroll, Leslie Raymond Prize, 419
Carslaw Memorial Scholarship, 458
Carswell Bursary, 403
CAS (*See* Careers and Appointments Service)
Casey Research Trust, 384
Cell Pathology, 633
Centre for Asian Studies (Arts), 507
Centre for Teaching and Learning, 77, 505
Challis Fund, 384
Chairs committee, 17
Chamber of Commerce Prize, 422
Chancellor, 15
act, 100
by-laws, 107
former, 82
Chancellor's Committee, 528
Chapman, Dr H. G., Prize, 435
Chapman, William, Bequest, 384
Charlton Prize, 419
Charter of the University, 5, 97
Chase Memorial Prize, 455
Chemical Engineering, Department of
by-laws, 247
courses of study, 619
Foundation, 75, 377
scholarships, 471
table of courses, 257
teaching staff, 46
Chemistry, School of
courses of study, 633
scholarship and prizes, 444
teaching staff, 66
Chettle Prize for Art, 411
Chettle, Ethel Mary, Bequest, 384
Child Care, liaison committee, 18
Chinese (*see* Oriental Studies)
Christy, George Edward, Bequest, 384
Civil Engineering Graduates Prize, 425
Civil and Mining Engineering, School of
by-laws, 247
courses of study, 613
Foundation, 75, 378
scholarships, 471
table of courses, 253
teaching staff, 46
Claffy Prize, 435
Research Fellowship, 478
Clark, F. G. & H. M., Endowment, 384
Clarke, George Herbert Prize, 439
Classical Archaeology, Arthur and Renee George Chair in, 386
Classics
resolutions, MA, 167
scholarships and prizes, 444
Clayton, Andrew M., Prize, 432
Clayton, Harry J., Memorial Prize, 435
Clean Air Society, N.S.W. Branch, Prize in Air Pollution, 471
Clinical
Immunology Research Centre, 65, 508
Pathology, Diploma in, 214
Pharmacology, chair endowment, 393
professors, 34
Clipsham Memorial Prize, 435
Clubs and societies, 525
Coaldrake Scholarship, 459
Cobbett, Prizes, 432
scholarship, 418

Coghlan Scholarship, 473
Cohen, A. M., Fund, 385
Cohen, George Judah, Memorial Lectureship, 397
Cole Bequest, 385
Colleges, 513
  acts of Parliament, 103
  outside metropolitan area, 104
  St Andrew's, 513
  St John's, 515
  St Michael's, 516
  St Paul's, 516
  Sancta Sophia, 518
  Wesley, 519
  Women's, 520
Collie Prize, 443
Committee for Postgraduate Studies in the Department of Law Scholarships, 474
Commonwealth
  Bank Scholarships, 422, 470
  Bank Officers' Association Prize, 450
  Bureau of Animal Health Prize, 441
  Government financial assistance to students, 501
  Industrial Gases Ltd Scholarship in Chemical Engineering, 426
  Institute of Health, teaching staff, 64
  postgraduate awards and studentships, 455, 456
  Scholarship and Fellowship Plan, 490
  Scientific and Industrial Research Organisation (CSIRO), 509
Community Medicine, 50
Complaints, investigations and summary proceedings, 133
Compulsory subscriptions, 500
Computer Science
  courses of study, 634
  diploma, 242, 635
  teaching staff, 67
  prize, 445
Computing Centre, 81, 505
Computers and Control, Diploma in, 247
Conferring of degrees ceremonies (*see* Almanac)
Constitution of the University and Senate, 5, 99
Contemporary Art (*see* Fine Arts)
Convocation, 117
  medal, 413
  standing committee, 25, 117
Cooke, Jane, Scholarship, 474
Cooke, W. A., Scholarship, 474
Cooper Australia Ltd Prize, 441
Cooper Graduate Scholarship, 488
Cooper Scholarships, 409, 444
Coopers and Lybrand Prize in Accounting, 422
Coppleson, Victor, Memorial Institute of Postgraduate Medical Studies, 353
Corporate Affairs Commission Prize, 422, 432
Cottees General Foods
  lecture in nutrition, 397
  prize, 479
Cotton, Frank, Memorial Prize, 436
Cotton, Leo A., Prize, 447
Coulson Scholarship, 445
Council of Education Scholarship, 407
Counselling Service, 81, 505
Country Life Newspapers Prize, 441
Courses of study (*see under names of faculties and boards of studies*)
  by-laws, 339
  faculty standing committees on, 131
  new, 362
Coutts Scholarships, 445
Coutts, James, Scholarships, 445
Coutts, John, Scholarship, 439
Craig, Dr Gordon, Fellowship, 479
Craig, Robert, Prize in Surgery, 436
Cramp Memorial Prize, 445
Cran, John Arthur, Prize, 414
Crane, L. G., Prize in Pathology, 419
Crawford Prizes, 411
Credit Union, Universities
  prizes
    Accounting, 424
    Agricultural Economics, 415
    Economics, 415
    Finance, 424
  scholarship, 413
Crew Memorial Prizes, 422
Criminology
  Diploma in, 202
  Institute of, 508
Crooks Michell Peacock Stewart Prize, 423
Crossley Memorial Prize, 448
CSR
  Chemicals Prize, 444
  Scholarship in Chemical Engineering, 425
Cullen Settlements Nos 1 and 2, 385
Culey Prize, 432
Culnane Bequest, 385
Cumberland Hospital, 661
Current Affairs Bulletin, 530
Currey Memorial Scholarships, 488
Curriculum Research and Development Centre, 508
Cusack Memorial Prize, 419
CWA Scholarship, 503

D

Dairy Husbandry
  diploma, 278, 283
  Research Foundation, 75, 378
    prize, 414
Dairy Industry Authority, 35
Dakin Memorial Prize, 455
Dale Prize, 423
Dallen Prize, 493
Dalley, John George
  bursary, 404
  prizes, 432
Dalley, Mrs M. A., Bursaries, 404
Dallison
  bequest, 385
  prize, 443, 467
Dalziell Bequest, 385
D'Arcy, Dame Constance, Memorial Prize, 436
Dare Prize, 426
Dates (*see* Almanac)
Davey Bequest, 385
David, Edgeworth
  prize, 448
  travelling scholarship, 484
Davis, E. H., Prize, 426
Davis, R. B., Memorial Prize, 443
Dawson Waldron Prizes, 476
DBH Scholarships, 458
Deane, W. H. and Elizabeth M.
  Archaeology scholarship, 467

funds, 385
Deane, W. S. and Annie E., Library Fund, 385
Deans of faculties, by-laws, 139
Deas-Thomson Scholarships, 411
in geology, 448
in mineralogy, 448
in physics, 453
Degree of doctor (*see under individual name*) other than MD, DDSc, DMus, PhD, 327
Degrees
academic dress, 350
ad eundem gradum, 102
Act, 101
and diplomas, changes in requirements for, 362
conferring ceremonies (*see* Almanac)
higher (*see* Higher degrees)
honorary, 102
in more than one faculty or board of studies, 326
power of Senate to confer, 101
recognition, 5
Dempsey Bequest, 385
Denison Foundation, 386
Denny Bequest, 386
Dental
Alumni Society
museum, 77, 513
prizes, 419
Board of N.S.W.
assistance for students, 503
prizes, 420
Health Education and Research Foundation, 75, 378
research training scholarships, 469
Hospital, 665
Research, Institute of, 43
Science postgraduate committee, 27, 268
Surgery (*see* Oral Surgery)
Dentistry, Faculty of
Board of examiners, 269
by-laws, 265
courses of study, 588
members, 20
resolutions, 267, 268
scholarships and prizes, 419, 469
student membership, 128
teaching staff, 42
Departments,
(*see also under individual names*), 5, 122
Deputy Chairman, Academic Board, 121
Deputy Chancellor, 15
Act, 100
by-laws, 107
former, 82
Deputy Principal (*see also* Bursar)
by-laws, 119
former, 83
Deputy Vice-Chancellors, 15
by-laws, 119
former, 83
Office, 80
Dermatological Medicine, Diploma in, 215
Diagnostic Radiology, Diploma in, 214
Diplomas, admission to candidature, 345
Diplomas in
Agricultural
Chemistry, DipAgrChem
Economics, DipAgrEc
Entomology, DipAgrEnt
Extension, DipAgrExt
Genetics, DipAgrGen
Science, DipAgrSc } 278, 283
Animal Husbandry, DipAnHus, 278, 283
Anthropology, DipAnth, 142
Architectural Computing, DipArchComp, 302, 305, 319, 324, 559
Avian Medicine, DipAvMed, 271, 275
Biometry, DipBiom, 269, 278
Building Science, DipBdgSc, 302, 304, 317, 324
Building Science (Energy-Conservative Design), DipBdgSc(E-CD), 302, 304, 317, 324, 559
Clinical Pathology, DCP, 214
Computer Science, DipComSc, 242, 635
Computers and Control, DipComp&Con, 242, 262
Criminology, DipCrim, 202
Dairy Husbandry, DipDHus, 278, 283
Dermatological Medicine, DDM, 215
Diagnostic Radiology, DDR, 214
Education, DipEd, 184, 186, 190
Environmental Engineering, DipEnvEng, 242, 262
Geotechnical Engineering, DipGeoEng, 242, 262
Horticultural Science, DipHortSc, 278, 283
Hospital Pharmacy, DipHPharm, 243, 244
Illumination Design, DipIllumDes, 302, 305, 319, 324, 559
Jurisprudence, DipJur, 202
Laboratory Animal Science, DipLabAnimSc, 271, 276
Labour Relations and the Law, DipLab—, 202
Land Economy, DipLE, 302, 306, 321, 557
Microbiology, DipMicro, 278, 283
Museum Studies, DipMuseumStud, 143, 165
Musical Composition, DipMusComp, 193, 195
Nutrition and Dietetics, DipND, 242
Ophthalmology, DO, 215
Petroleum and Reservoir Engineering, DipPetResEng, 242, 262
Plant Pathology, DipPlPath
Poultry Husbandry, DipPHus } 278, 283
Power Engineering, DipPowEng, 242, 262
Process Systems Engineering, DipProcessSystemsEng, 242, 262
Public Health Dentistry, DPHDent, 267
Resource Geology, DipResGeol, 243, 244, 638
Science, 226
Social Work, DipSocWk (*see Calendar 1975*)
Soil Science, DipSoilSc, 278, 283
Structural Engineering, DipStructEng, 242, 262
Structural and Foundation Engineering, DipStructFoundEng, 242, 262
Surveying Science, DipSurvSc, 242, 262
Teaching English as a Foreign Language, DipTEFL, 142, 165
Telecommunications, DipTelecomm, 242, 262
Town and Country Planning, DipTCP, 302, 303, 314, 322, 554
Tropical Agronomy, DipTropAgron, 278, 283
Tropical Public Health, DipTPH, 214, 220
Veterinary
Anaesthesia, DipVetAn, 271, 275
Clinical Studies, DipVetClinStud, 271, 275
Pathology, DipVetPath, 271, 274
Radiology, DipVetRad, 271, 275
Wildlife Medicine and Husbandry, DipWildlifeMed&Hus, 271, 276
Discipline of academic staff, 138
Disciplinary
Appeals Committee, Student, 18, 136
hearings, 138
Discontinuation, 372
Divinity
board of studies, membership, 23
student, 127

chairman, 179
by-laws, 178
chairman of section, 183
courses of study, 593
prize, 421
teaching staff, 44
Dixon, Frank E., Scholarship, 444
Dixson, Sir Hugh
collection of minerals, 386
gift of radium, 386
Doctor of
Architecture, DArch, 305, 327
Dental Science, DDSc, 266
Divinity, DD, 180, 327
Engineering, DEng, 248, 327
Laws, LLD, 202, 327
Letters, DLitt, 142, 327
Medicine, MD, 213
Music, DMus, 192
Philosophy, PhD, 328, 330, 345
Science, DSc, 226, 245, 327
in Agriculture, DScAgr, 278, 327
in Economics, DScEcon, 288, 301, 327
Veterinary Science, DVSc, 271, 327
Doctor, other than MD, DDSc, DMus, PhD, 327
Donald Scholarship, 410
Dow Undergraduate Scholarship, 426
Downing Memorial Prize, 414
Dowsett Research Fund, 386
Dress, academic, 350
Dun, C. W. S. & D. E. H., Medical Library Fund, 386
Dun Surgery Prize, 436
Duncan, Bursary, 404
Dunlop, Colin, Prize, 454
Dunlop, Norman John, Bursaries, 404

E

Earth Resources Foundation, 75, 379
scholarships, 447, 483
Easter recess (*see* Almanac)
Econometrics, Department of
courses of study, 595
prizes, 445
teaching staff, 44
Economic History, Department of
courses of study, 597
prize, 445
resolutions, MA, 171
teaching staff, 45
Economic Research Society's Prize, 423
Economic Society of Australia and New Zealand Prize, 423
Economic Statistics, Department of (*see* Econometrics)
Economics
Department of
courses of study, 600
resolutions, MA, 171
teaching staff, 45
Faculty of
board of examiners, 300
board of postgraduate studies, 300
by-laws, 287
courses of study, 594
members, 21
membership of, by teaching fellows and tutors, 298
resolutions, 288, 299, 300
scholarships and prizes, 421, 470
student membership, 128
teaching staff, 44
Graduates' Association prizes, 423
Edgeworth David
prize, 448
travelling scholarship, 484
Education
Board of Studies
by-laws, 184
courses of study, BEd, 609
diploma, 184, 186, 190
membership, 23
student, 127
resolutions, 186
Department of
courses of study, BA, 566
prizes, 445
resolutions, MA, 170
teaching staff, 37
Egan Bequest, 386
Einhorn Lectureship in Modern Hebrew, 398
Electrical Engineering
Foundation, 75
Department of
by-laws, 247
courses of study, 617
table of courses, 256
teaching staff, 46
Electrical Manufacturers' Association of N.S.W. Prize, 426
Electricity Supply Engineers' Association of N.S.W. Prize, 426
Electron
Microscope Unit, 77, 505
Microscopy, 372
Elliott Memorial Prize, 443
Elkin Fund, 501
Elkins Architectural Award, 416
Ellis Memorial Fund, 502
Elstress Prize, 466
Embryology, Department of Histology and (*see* Histology)
Endowment (University Act), 102
Endowments and bequests, 383
form, *end of book*
Engineering, Faculty of
board of examiners, 262
board of postgraduate studies, 263
by-laws, 246
courses of study, 610
departments and schools
Aeronautical, Chemical, Civil and Mining, Electrical, Mechanical } (*see under individual names*)
diplomas, 246, 262
members, 21
resolutions, 248, 262
scholarships and prizes, 424, 470, 486
Science, board of studies (*see under* Master of)
student membership, 127
teaching staff, 45
English, Department of
courses of study, 566
resolutions, MA, 167
scholarships and prizes, 445
teaching staff, 38
Enrolment (*see also* Admission), 497

higher degree candidates, 346
non-matriculated and non-degree students, 333, 334
re-enrolment, 499
restriction
first year, 357
re-enrolment, 358, 372
Entomology (*see* Agricultural Entomology)
Environmental Engineering, diploma in, 247
Equal Employment Opportunity Committee, 17
Esquire Bedell, 81, 362
Esso Australia Ltd
prizes, 417
scholarships in
Accounting, 423
Chemical Engineering, 426
European Studies Centre, 74
Evening Students' Association
Economics prize, 423
English prize, 445
Ewing Scholarships
in Education, 459
in Medicine, 479
Examinations, 339
Act, 101
matriculation (*see also* Matriculation), 332
rules, 131, 339, 340
Exclusion, 358
admission after, 361
Excursions, 372
Exhibitions
Act, 103
Adult Education, 343
by-laws, 342

F

Faculties, 5
by-laws, 121
deans, 139
meetings, by-laws, 122, 123
members, 19–24
offices, 499
quorum, 122
student membership, 126
Faculty of
Agriculture
Architecture
Arts
Dentistry
Economics
Engineering
Law
Medicine
Science
Veterinary Science
(*see under individual names*)
Failure, 359
Fairfax Prize, 407
Fairfax, Alfred William, Bursary, 404
Fairfax, Sir James, Bequest, 386
Farm Management Society Prize, 414
Farms, University (*see* University Farms)
Farr Memorial Fund, 441
Farrand Postdoctoral Research Fellowship, 484
Fawsitt Prize, 444
Federated Ironworkers' Association Prize, 423
Fees, 339, 500
teachers need not pay, 103
Fell, Cecilia, Bequest, 386
Fell, Ian Buchan, Bequest, 386
Research Project on Housing, 507
Fellows of the Senate, 5, 16, 88
appointment, 99
election, 99, 108–114
former, 88
tenure of office, 100
Ferster, B. and L., Scholarship in Hebrew, 449
Field
excursion loan fund, 502
work, 372
Finance, 5
Act, 102
by-laws, 115
Finance Committee, 17
meeting dates (*see* Almanac)
Financial assistance for students, 501
Fine Arts, Power Department of
courses of study, 568
prizes, 446
resolutions, MA, 172
teaching staff, 38
Fine Arts, Foundation, 381
Fines and penalties, 136
First year
admission, 357, 358
enrolment restriction, 357
Fisher Library (*see* Libraries)
Fisher, Thomas, Bequest, 386
Flattery Prize, 432
Fletcher Prize, 449
Flood Bequest, 386
Ford Memorial Scholarship, 447
Former senior officers of the University, 82
Foundation for Inorganic Chemistry, 75
Foundation for Research and Treatment of Alcoholism Prizes, 436, 479
Foundations, 75, 375
lectureships, 397
Frazer, Alice Mary, Bursary, 404
Frazer, Ernest Manson, Bursary, 404
Frazer, John Ewan, Bursary, 404
Frazer Travelling Scholarship, 488
Frederick May Foundation for Italian Studies, 75
Freehill, Countess E. M., Prizes and Scholarships, 450
Freehill, Hollingdale and Page Prize, 475
Freemasons' Scholarship, 407
French Studies, Department of
courses of study, 569
resolutions, MA, 168
scholarships and prizes, 446
teaching staff, 39
Friedman Memorial Prize, 493
Froggatt Prize, 414
Fullerton, Alexander Young, Bequest, 386
Fullerton, Hannah, Scholarship, 488

G

Galbraith Prize, 423
Garage, 509
Gardiner Memorial Scholarship, 404
Garnsey Memorial Prize, 426
Garton Scholarships
in French, 409, 446
in German, 448
Garvin, Ernest Albert, Bequest, 386

Garvin, James Herbert, Bequest, 386
Gates Memorial Prize, 420
Gawrilow Scholarship, 411
Geddes Prize , 432
General Philosophy (*see* Philosophy)
Geography, Department of
courses of study, 635
resolutions, MA, 171
scholarships and prizes, 447
teaching staff, 68
Geology and Geophysics, Department of
courses of study, 637
scholarships and prizes, 447
teaching staff, 68
Geomorphology
courses of study, 637
resolutions, MA, 171
Geophysics (*see* Geology and Geophysics, Department of)
George, Arthur and Renee, Chair in Classical Archaeology, 386
George, Sir Arthur, Fund, 404, 501
Geotechnical Engineering, Diploma in, 247
Germanic Studies, Department of
courses of study, 571
resolutions, MA, 168
scholarships and prizes, 448
teaching staff, 39
Gibbs Prize in Torts, 432
Gibson Bequest, 387
Gill Bequest, 387
Gillam Scholarship, 404
Gillespie Prize, 440
Gillies Memorial Prize, 436
Girdler Prize, 426
Glover Bequest, 387
Godfrey Scholarship, 475
Goethe Prize for German Studies, 448
Golden Jubilee Scholarship in Agricultural Science, 414
Goldsack Grant, 436
Goldsworthy-Sullivan Memorial Prize, 420
Good cause, definition, 361
Good order, maintenance and enforcement of, 131
Goodburn-Smith Scholarship, 479
Goode Memorial
fund, 502
scholarship, 436
Goulston, Edna Maude, Prize, 444
Goulston, Roslyn Flora, Prize, 443
research fund, 387
Government and Public Administration, Department of
courses of study, 604
prizes, 449
resolutions, MA, 170
teaching staff, 45
Gowrie Scholarships, 503
matriculation, 408
postgraduate, 490
Graduate
Management Association Prize, 470
register, 117
Graduation ceremonies (*see* Almanac)
Graduates
in any faculty, 333
of other universities, 345
Graduates' Prize
in Aerodynamics, 427
in Aeronautical Engineering, 414, 427
Graham, Ronald Edward, Bequest, 387
Grahame Prize Medal, 408
Grahame, William and Jane, Mechanical Engineering
prizes, 427
scholarship, 427
Grainger Memorial Prize, 420
Grants, 5
for research, 455
Gravas Scholarship, 412
Greek, Department of (*incl.* Modern Greek)
courses of study, 571
resolutions, MA, 166
prizes, 449
teaching staff, 39
Greenwell, Carlyle, Research Fund, 387
Greenwell, Sybil, Bequest, 387
Gritton Postgraduate Research Scholarships, 459
Guild Insurance Co. Ltd Prize, 453
Gummow Bequest, 387
Gurner Scholarship, 441
Guthrie Prize, 479
Gynaecology (*see* Obstetrics and Gynaecology, Department of)

H

Haire Fellowship, 479
Hall, David Stanley, Memorial Prize, 420
Hall, Edwin Cuthbert, Bequest, 387
Halliday Scholarship, 408
Halloran Prize, 480
Halls of residence, 523
Hamilton Radio Prize, 486
Hammerson Prize, 466
Hammond Bequest, 387
Hardie Prize, 417
Harington Trust Fund, 387
Harkness Fellowships, 490
Harris, Bernard Morris, Bequest, 387
Harris, George, Scholarship, 485
Harris, George and Matilda, Scholarships, 432
Harris, Gladys Emma, Bequest, 387
Harris, John, Scholarship, 436
Harris, William Henry, Scholarship, 480
Hart Bequest, 387
Harte Bequest, 387
Haswell Prize, 443
Hawkesbury Agricultural College, recognition of study, 334
Hay Prize, 433
Haynes Bequest, 388
Headfoot School Prize, 445
Health Service, 77, 506
Hebden Research Fund, 388
Hebrew (*see also* Semitic Studies)
scholarship and prize, 449
Hellenic Club Research Scholarship, 467
Henderson, G. C., Research Scholarship, 468
Henderson, R. G., Memorial Prize, 431
Henderson, Violet Ethel, Bequest, 388
Henry Fund, 388

Herman Prize, 417
Herring Memorial Award, 468
Heydon, Charles Gilbert, Travelling Scholarship, 460
Heydon, Dr G. A. M., Prize, 439
Heydon, Jabez King, Memorial Prize, 485
Heydon, Sir Peter, Prize, 433
Hezlet Bequest Travelling Scholarship, 488
Higher degrees
 admission to candidature (*see under individual names*)
 candidature, 345
 enrolment, 346
 theses, 361
Higher School Certificate examination, 332
Hill, James McCartney, Bequest, 388
Hill, Janet, Fund, 388
Hill, John Stephen, Memorial Prize, 420
Hill, John Thomas Hamilton, Bequest, 388
Hinder Memorial Prize, 436
Hing Memorial Prize, 436
Hipsley Bursary, 404
Histology and Embryology, Department of, 52, 638
Historical Archaeology, 574
 resolutions, MA, 175
History and Philosophy of Science, 71, 639
History and Thought of Christianity, 44
History, Department of
 courses of study, 574
 resolutions, MA, 169
 scholarships and prizes, 449
 teaching staff, 39
Hodge Essay Prize, 412
Holliday Prizes
 in Agriculture, 414
 in Engineering, 427
Hollis Memorial Prize, 444
Holmes Prize, 447
Holt Bequest, 388
Honeywell Prize, 427
Honorary
 appointments to teaching staff, 363
 associates, 363
 degrees
  Act, 102
  committee, 17
Hook Memorial Prize, 417
Horner Exhibition, 408
Horticultural Science (*see* Agronomy and Horticultural Science, Department of)
 Diploma in, 278, 283
Hospital Pharmacy, Diploma in, 243, 244
Hospitals (*see also* Teaching hospitals)
 affiliated, 664
 approved for training for postgraduate diplomas, 220
 interstate, 220
 recognised, 655
Housing officer, 80, 506
Hovell Lectureship, 398
Howe Prize, 420
Hudson Scholarships, 444
Hughes Bequest, 388
Human Nutrition Unit, 506
Hungerford, Hancock and Offner Prize, 423
Hunter-Baillie Bursaries, 404
Hunter Memorial Fund, 388
Hyman Memorial Lectureship, 398

I

IBM Prize in Computing, 427
ICI Australia Ltd Prizes, 427
Illumination Design, Diploma in, 302, 305, 319, 324, 559
Incorporation of the University, 5, 97
Indian Studies, 575
Indonesian and Malayan Studies, Department of
 courses of study, 576
 resolutions
  corequisites, 166
  BA, 166
  MA, 172
 scholarships and prizes, 450
 teaching staff, 40
Industrial and Commercial Property Prize, 433
Industrial Relations
 courses of study, 606
 prizes, 450
 teaching staff, 45
Infectious Diseases, Department of
 teaching staff, 52
Information Services, 81, 506
Inglis and Ward Prize, 436
Inorganic Chemistry, Foundation for, 379
Institute of
 Advanced Studies (in Agriculture), 507
 Criminology, 48, 508
 Dental Research, 507
Institution of Chemical Engineers' prize in Chemical Engineering, 427
Institution of Engineers' Prize, 427
International
 House, 81, 523
  Women's Committee Bursary, 503
 Law, 48
Iredale Prize, 444
Islamic Studies (*see* Semitic Studies)
Italian, Department of
 courses of study, 578
 scholarships and prizes, 450
 resolutions, MA, 169
 teaching staff, 40

J

Jackson, D. L., Memorial Prize, 414
Jackson, Ian, Memorial Prize, 445
James Scholarship, 437
James, Ernest Athelston, Bequest, 388
Japanese (*see* Oriental Studies)
Jeffries Memorial Prize, 428
Johnson, Herbert, Travel Grants, 460
Johnston Bequest, 388
Johnston, Colonel George, Scholar in Australian History, 468
Joint Committee for Tutorial Classes (*see* Tutorial Classes)
Jurisprudence
 diploma, 202
 teaching staff, 47

K

Kambala Scholarship, 408
Karnaghan Scholarship, 468
Keenan Bursary, 404

Kelly Bequest, 388
Kemp Prize, 420
Kennedy Bequest, 388
Kent Instruments Prize in Chemical Engineering, 428
Kentley Memorial Fund, 389
Kerr Bequest, 389
Kerr Memorial Prize, 423
Kethel Bequest, 389
Killeen Prize, 408
King, Isabel M., Memorial Prize, 449
King, James, of Irrawang Travelling Scholarship, 461
King, W. A., Fund, 389
Knox Memorial Fellowships, 490
Kolling Graduation Prize, 428
  Travelling Scholarship, 489
Kooroora Foundation, 389

L

Laboratory Animal Science, Diploma in, 271, 276
Labour Relations and the Law, Diploma in, 202
Lake, Reginald Maney, Fund, 389
Lake, Reginald Maney and Amy Laura Bonamy, Scholarship, 480
Lake, Rolf Edgar, Bequest, 389
Lamond Memorial Fund, 404, 441
Land Economy
  Diploma in, 302, 306, 321, 557
  Master of, 306, 320, 557
Lane Bequest, 389
Langley Scholarship, 480
Language Study Centre, 77, 506
Lasker Bequest, 389
Late charges, 500
Latin, Department of
  courses of study, 579
  resolutions, MA, 166
  scholarships and prizes, 450
  teaching staff, 40
Laurantus, Nicholas, Gift to establish the study of Modern Greek, 389
Laurence, Kathleen Garnham, Prize, 446
Laurence, Kathleen Joan, Bequest, 389
Law Extension Committee
  members, 26
  resolutions, 366
  teaching staff, 48
Law, Faculty of
  board of examiners, 211
  board of postgraduate studies, 211
  by-laws, 201
  courses of study, 203, 622
  members, 21
  resolutions, 203, 205, 211
  scholarships and prizes, 431, 473
  student membership, 127
  teaching staff, 47
Law Graduates' Association Medal, 475
Law School Library (*see* Libraries)
Lawson Memorial Prizes, 493
Leaver Memorial Prize, 437
Lebanon Ladies Association University Fund, 388
Lecturers, tenure of office, 347
Lectures (*see* Almanac)
Lectureships, sponsored and endowed, 397
Le Petit Memorial Prizes, 418
Levey and Alexander Endowment, 405
Levey Scholarship, 444
Levine Prize in Criminal Law, 433
Levy, Sir Daniel, Bursaries, 405
Lewis Trust, 389
Librarian (*see* University Librarian)
Libraries, 511
  library committee, 26, 363
  regulations, 363
  staff, 78
Library
  Fisher, 78, 510
  Map, 506
Lidcombe Hospital, 657
Light Bequest, 389
Lightoller Scholarship, 461
Lindseth Bursary, 405
Linguistics
  courses of study, 581
  resolutions, MA, 175
  teaching staff, 40
Linnean Macleay Fellowships, 491
  lectureship, 398
Lipton Bequest, 389
Lithgow Scholarships,
  in French, 446
  in German, 409
  in Philosophy, 453
  in Psychology, 454
Littlejohn Scholarship, 475
Liversidge Research Lectureship, 398
Liversidge Scholarships, 408
Livingston, K. S. H., Bequest, 390
Livingstone, M. B., Bequest, 390
LLB (*see* Bachelor of Laws)
LLD (*see* Doctor of Laws)
LLM (*see* Master of Laws)
Lloyd Memorial Prize, 493
Lobb Bequest, 390
Loewenthal, A. M., Prize, 437
Loewenthal, Sir John, Prize, 437
Lonsdale, Lionel Marcelles, Bequest, 390
Lonsdale prizes for Clinical Studies, 441
Lonsdale, Lionel, Clinical Fellowship, 486
Lost property, 368
Lovell Memorial Medallion, 468
Loxton Postgraduate Studentships and Scholarships, 461
Luffman Memorial Prize, 440

M

McAlister University Research Fund, 390
Macarthur Onslow Memorial Prize, 414
MacCallum Fund, 390
MacCallum Prize, 445
McCaughey Fund, 390
McCauley Bequest, 390
McCleery Memorial Award, 415
McClemens Memorial Prizes
  undergraduate, 433
  postgraduate, 455, 475
McConochie Bequest, 490
McCook Memorial Scholarship, 447
MacCulloch Trust, 437, 502
Macdonald Prize of the Association of Consulting Structural Engineers of N.S.W., 428
Macfarlan Prize, 433

McGrath Bequest, 390
Macgregor, Charlotte Carolin, Bequest, 390
McGregor, Gordon Howard, Bequest, 390
McHugh Prize, 441
McIlrath
  Research Fund, 390
  Scholarships
    in Agriculture, 408, 414, 442
    in Veterinary Science, 410, 442
    for graduates, 462
Mackenzie, Dora Jean, Bequest, 391
MacKenzie, Kenneth Alexander, Bequest, 391
McKenzie, R. W., Prize, 428
McKibbin Prize, 421
McKinney Prize, 428
McKinnon, E. S., Scholarship, 480
Mackinnon, K. P. Prize, 420
Maclean Scholarships, 487
Macleay, Linnean
  Fellowships, 491
  lectureship, 398
Macleay Museum, 512
  curatorship, 385
  staff, 77
Macquarie Hospital, 662
McRae Prize, 417
Magnus Memorial Prize, 420
Magoffin Memorial Prize, 423
Main
  prize, 428
  bequest, 391
Maintenance and enforcement of good order, 132
Makinson, Mary, Prize, 446
Makinson, Miriam Josepha, Memorial Prize, 408
Makinson, Sarah Theresa, Prize, 453
Makinson, Theresa G., Prize, 414
Malayan Studies (*see* Indonesian and Malayan Studies, Department of)
Mandelbaum Scholarship, 489
Mankin Scholarship, 462
Manning Memorial Prize, 437
Mansfield, Prize, 417
Map Library, 506
Maquarie, Arthur, Travelling Scholarship, 489
Marine Sciences, 643
  prize, 440
  Studies Centre, 74
Markham Bequest, 391
Marks, Gladys
  memorial fund, 501
  travelling scholarship, 489
Marks, Herbert, J.
  memorial fund, 391
  prize, 481
Marks, Hilda Violette, Bequest, 391
Marks, Percy Joseph, Prize, 449
Marshall, C. E., Scholarship, 448
Marshall, Frank, Prize, 420
Martin, A. H., Scholarship, 468
Martin, Ivy Lillian, Bequest, 391
Massie Travelling Scholarship, 481
Master of
  Agricultural Economics, MAgrEc, 278, 282, 285
  Agriculture, MAgr, 278, 283
  Architecture, MArch, 303
  Arts, MA, 140, 162, 166
  requirements by schools
    Anthropology, 171
    Applied Linguistics, 175
    Applied Mathematics, 173
    Archaeology, 174
    Classics, 167
    Economic History, 171
    Economics, 171
    Education, 170
    English, 167
    Fine Arts, 172
    French Studies, 168
    Geography, 171
    Geomorphology, 171
    Germanic Studies, 168
    Government, 170
    Greek, 166
    Historical Archaeology, 175
    History, 169
    Indonesian and Malayan Studies, 172
    Italian, 169
    Latin, 166
    Linguistics, 175
    Mathematical Statistics, 173
    Medieval Studies, 176
    Modern Greek, 174
    Music, 172
    Oriental Studies, 173
    Philosophy, 169
    Psychology, 170
    Pure Mathematics, 173
    Religious Studies, 177
    Semitic Studies, 174
    Social Studies, 177
  Building Science, MBdgSc, 304, 318, 324
    courses of study, 324, 559
  Business Administration, MBA, 288, 297, 300
  Dental Science, MDSc, 266
  Dental Surgery, MDS, 265
  Economics, MEc, 287, 299
  Education, MEd, 185, 186, 189
  Engineering, ME, 247, 262
  Engineering Science, MEngSc, 247, 261, 263
  Land Economy, MLE, 306, 320, 557
  Laws, LLM, 202, 207
  Medicine, 214, 218
  Music, MMus, 192, 194
  Pharmacy, MPharm, 226
  Psychology, MPsychol, 141, 165
  Public Health, MPH, 214, 217
  Public Policy, MPP, 288, 297
  Science, MSc, 225, 241
  Science (Architecture), MSc(Arch), 302
  Science (Architecture) (Conservation), MSc(Arch)(Cons), 305
  Science in Agriculture, MScAgr, 278, 281, 285
  Social Studies, MSocStud, 196, 199
  Surgery, MS, 213
  Theology, MTh, 180, 182
  Town and Country Planning, MTCP, 304, 315, 322
    courses of study, 554
  Veterinary Clinical Studies, MVetClinStud, 270, 273
  Veterinary Science, MVSc, 270, 273
Master's degrees,
  admission to candidature, 345
Mater Misericordiae Hospital, 657
Mathematical Statistics, Department of
  courses of study, 639
  resolutions, MA, 173
  teaching staff, 68
Mathematics (Applied Mathematics)

courses of study, 639
resolutions, MA, 173
scholarships and prizes, 451
teaching staff, 65
Mathematics (Pure Mathematics)
courses of study, 641
resolutions, MA, 172
scholarships and prizes, 451
teaching staff, 70
Matriculation
by-laws, 332
requirements, 497
scholarships and prizes, 407
Maxwell Prize, 420
May, Frederick, Foundation for Italian Studies, 379
Mayfair Hams and Bacon Company Prize, 442
Maze Prize, 447
MB (*see* Bachelor of Medicine)
MD (*see* Doctor of Medicine)
Mechanical Engineering, Department of
by-laws, 247
courses of study, 616
table of courses, 255
teaching staff, 47
Medical
branch libraries (*see* Libraries)
diplomas (*see* Diplomas)
Foundation, Postgraduate, 75, 380
officers, junior resident, 208
Society Funds, 502
students, allocation to teaching hospitals, 207
Medicine
Department of, 52
doctor of, 199
Faculty of
boards of examiners, 224
boards of postgraduate studies, 224
by-laws, 212
courses of study, 624
departments of
Anaesthetics
Anatomy
Bacteriology
Behavioural Sciences in Medicine
Biochemistry
Environmental Health
Histology and Embryology
Medicine
Obstetrics and Gynaecology
Ophthalmology and Eye Health
Paediatrics and Child Health
Pathology
Pharmacology
Physiology
Preventive and Social Medicine
Psychiatry
Surgery
(*see under individual names*)
diplomas, readmission, 223
honours at graduation, 221
members, 21
resolutions, 215, 221
student membership, 127
teaching staff, 49
postgraduate committee, 27, 353
scholarships and prizes, 409, 434, 476
Medieval Studies Resolutions, MA, 176
Meetings
boards, faculties and committees, 123
Senate, 107
Members
of staff (*see* Staff)
of the University, definition, 103
Messel Research Fellowship, 485
MHD Research Facility, 508
Microbiology, Department of
courses of study, 644
diploma in, 278, 283
prizes, 452
teaching staff, 35
Miller, Denison, Postgraduate Memorial Scholarship, 489
Miller, Joe, Trust, 391
Miller, Trevor, Memorial Fund, 502
Mills, Arthur Edward, Graduation Prize, 437
Mills, R. C., Memorial Lectureship, 398
Mining and Metallurgical Bursaries, 428
Mining Engineering (*see also* Civil and Mining Engineering, School of)
by-laws, 247
courses of study, 614
table of courses, 254
teaching staff, 46
Mining Engineering Graduates Prize, 428
Mitchell Prize, 433
Modern Greek, 573
Nicholas Laurantus gift, 389
resolutions, MA, 174
teaching staff, 40
Monahan Prize, 433
Monier Prize, 417
Monsanto Australia Ltd Prize, 428
Moore Scholarship, 481
Moran, Dr H. M., Prize, 493
Moran, Beatrice, Memorial Prize, 450
Moran, Jack, Prize in Meat Inspection, 442
Morgan, M. A. E., Bequest, 391
Morgan, P. G., Memorial Prize in Mechanical Engineering, 428
Morris Bequest, 391
Morrison Prize, 433
Moss Scholarship, 489
Mostyn Bequest, 391
Moulder Prize, 442
Moulton Bequest, 391
Muggridge Bequest, 391
Municipality of Willoughby Prize, 466
Munro Scholarship, 417
Murray Prize, 466
Museum Studies
board of studies for the diploma in,
by-laws, 143
members, 26
resolutions, 165
teaching staff, 42
Museums, 77, 512
Music
board of studies, members, 24
by-laws, 191
courses of study, BMus, 629
resolutions, 193
student membership, 127
department
courses of study, BA, 581
credit for work completed elsewhere, 195
resolutions, MA, 172
teaching staff, 40
scholarships and prizes, 452

Musical Composition, diploma in, 193, 195
Myrdal Prize, 424

N

Nabalco Pty Ltd Prize in Chemical Engineering, 429
Nash Bequest, 391
Nathan Prize, 493
Nawaf Bin Abdul Aziz endowment, 383
Nepean Hall, 524
Neurobiology Research Centre, 65, 508
New South Wales
 Association of University Women Graduates (*see* Australian Federation of University Women, N.S.W. Branch)
 Branch of the Australian Society for Microbiology Prize, 452
 Health Commission Prize, 437
 Institute of Educational Research Prize, 469
 Institute of Journalists' Prize, 446
 Planning and Environment Commission Prize, 466
News, University of Sydney (*see* Information Services)
Nicholson
 Medal, 450
 Museum, 77, 512
 Scholarships, 409, 451
Nolan, John Spencer, Memorial Prize, 405
Nolan Memorial Prize, 449
Non-degree students, 333
Non-matriculated students, 333, 334
Northam Bequest, 391
Nutrition and Dietetics
 board of studies, members, 27
 diploma, 242
 Research Foundation, 75, 380
 scholarships, 485

O

Oakes Memorial Prize, 424
Obstetrics and Gynaecology, Department of, 55
Ocean Sciences Institute, 71
Ockenden Bequest, 420, 502
Odongo Prize, 466
Officer of Works Department, 510
Officers of the University (*see also* Staff), 13
 former senior, 82
 substitutes, 347
Old and New Testament, staff, 44
Onslow Memorial Prize, 414
Operative Dentistry, Department of, 42
Ophthalmology and Eye Health, Department of
 diploma, 215
 teaching staff, 57
Oral Surgery, Department of, 42
Oral-B Foundation Travel Grant, 470
Orange Memorial Prize, 408
O'Reilly Memorial Prize, 443
Organ Scholarship, 412
Organist, 81
Oriental Studies, Department of
 courses of study, 582
 prizes, 453
 resolutions, MA, 172
 teaching staff, 41
Ormonoid Prize, 417
Osborne, Dr John, Scholarship, 409
Osborne, Virginia, Prize, 442
Overseas students, 500

P

Packer Endowment Fund, 405
Padbury Scholarship, 472
Paediatrics and Child Health, Department of, 57
Page Constitutional Prize, 494
Palmer Memorial Fund, 391
Parking, 369
Parkinson Memorial Prize, 437
Parramatta Hospitals (*see* Westmead Centre)
Partridge, F. L., Prize, 415
Partridge, W. J. D., Memorial Scholarship, 421
Patents, 368
 committee, 17
Pathology
 department, teaching staff, 58
 museum, 77, 512
Paton Medical Fund, 392
Patten Bequest, 392
Pattinson Scholarships, 485
Pawlett Scholarships, 463
Pearce Bequest, 392
Peart Memorial Prize, 453
Pechiney Australia Prize, 446
Peden, Sir John, Memorial Prize, 433
Peden, Margaret Ethel, Prize, 433
Pedersen Bequest, 392
Peele Bequest, 392
Penalties, 136
Permanent Trustee Co. of N.S.W. Ltd Prizes, 433, 434
Perry Lectureship, 398
Petroleum and Reservoir Engineering, 247
Pfeiffer Bequest, 392
Pharmaceutical Society Prizes, 440
Pharmacology, Department of, 59, 644
Pharmacy,
 by-laws, 226
 courses of study, 646
 Practice Foundation, 75, 380
 resolutions, 229
 scholarships and prizes, 440, 453, 483
 teaching staff of department of, 69
Philips Foundation for Lighting Education and Research, 392
Philips Lighting Prize, 417, 467
Philips Prize for Illumination Design, 467
Philosophy
 General Philosophy, Department of
  courses of study, 583
  teaching staff, 41
  resolutions, MA, 169
 scholarships and prizes, 453
 Traditional and Modern Philosophy, Department of
  courses of study, 583, 584
  teaching staff, 41
Photographic department, 509
Physics
 courses of study, 644
 Foundation, 381
 scholarships and prizes, 453
 teaching staff of school of, 69

Physiology, Department of
courses of study, 645 (*see also* Medicine)
prize, 454
teaching staff, 59
Pilkington Bequest, 392
Pinhey Bequest, 392
Pittman Bequest, 392
Planning Research Centre, 76, 380, 507
Plant Breeding Institute, 35, 286, 507
Plant Pathology
diploma, 278, 283
Plant Pathology and Agricultural Entomology, Department of
courses of study, 541
teaching staff, 35
Plumian Scholarship, 410
Plunkett Trust, 392
Pollock Memorial Lectureship, 398
Pollock, James Arthur, Memorial Fund, 392
Port Dental Laboratories Prize, 421
Porter Bequest, 392
Postdoctoral Research Fellows, 455
Postgraduate
admission, 345, 346, 497
Committee in Dental Science, 27, 268
Committee in Medicine, 27, 353
Committee in Veterinary Science, 28, 76, 355
Foundation in Veterinary Science, 27, 76, 382
research awards, 455
scholarships and prizes, 455
university, 457
external, 490
student loans, Law, 476
study (*see individual degrees*)
selection of faculty, 372
Post Office, 506
Poultry Husbandry
diploma, 278, 283
research foundation, 76, 380
prize, 415
Power
Bequest, 392
Department of Fine Arts (*see* Fine Arts)
Engineering, Diploma in, 247
Foundation for Fine Arts, 75, 381
Gallery of Contemporary Art, 77, 513
Research Library, 39
Pratt Bequest, 393
Prerequisites and assumed knowledge, 335
Press (*see* Sydney University Press)
Preventive Dentistry, Department of, 42
Price Scholarship, 472
Principal officers of the university, 15
Printing service, 509
Prize compositions, 493
Prizes (*see* Scholarships and Prizes)
Process Systems Engineering, Diploma in, 247
Proctorial Board, 134, 138
Proctorial panel, 134, 138
election of, 138
Pro-dean, 139
Professores Emeriti, 87
Professorial Board (*see* Academic Board)
chairmen, 88
deputy chairmen, 88
Professors
by-laws, 120
Emeritus, 87
former, 83
list, 29–34
Prosthetic Dentistry, Department of, 43
Psychiatry, Department of, 59
Psychology,
board of studies for master of,
by-laws, 141
members, 28
resolutions, 165
department
courses of study, 645
resolutions, MA, 170
scholarships and prizes, 453
teaching staff, 70
Public
Administration (*see* Government and—)
Exhibitions
Act, 103
by-laws, 342
Health
Master of, 214, 217
Dentistry, Diploma in, 266
Policy, Master of, 288, 297
relations (*see* Information Services)
Service Association of N.S.W., John S. D'Arcy Memorial Prizes, 424
Publications, 6
Pure Mathematics (*see under* Mathematics)
Purves, Cecilie, Memorial Prize, 408
Purves, Raymond E., Chair in Surgery, 393
Pye Bequest, 393

Q

Quaife, Aldyth E., Fund, 393
Quaife, F. H., Memorial Fund, 393
Queen Elizabeth II Research Institute for Mothers and Infants, 509
Queen Victoria Scholarship, 409
Quigley Bequest, 393
Quiney Bequest, 393
Quirk Prizes, 452
Quodling Testimonial Prize, 448
Quorum
Academic Board, 121
Convocation, 117
Faculties, 122
Senate, 101
Quotas, 357

R

Radiology, teaching staff, 60
Radiotherapy, teaching staff, 61
Raphael Bursary, 405
Rathgeber Scholarship, 503
Rawle Prize, 437
Read Bequest, 393
Reckitt & Colman Chair of Clinical Pharmacology, 393
Recognition of degrees conferred by the University, 5, 97
Recognition of study completed elsewhere, 333
admission *ad eundem gradum*, 346
admission *ad eundem statum*, 333
Recognised hospitals for teaching purposes, 220
Reddall Scholarship, 481
Redshaw Prize, 434

Re-enrolment
after discontinuation, 372
committee, 17
restriction, 358
Regiment, University, 529
Register of graduates, 117
Registrar, 6, 15
by-laws, 119
former, 83
Registrar's Office, 79
Reid Memorial Fund, 412
Religion, 101
Religious Studies
courses of study, 584
resolutions, MA, 176
staff, 41
Remington Prize, 449
Renshaw Bequest, 393
Renwick Scholarship, 437
Repatriation General Hospital, 658
Report of the University, 101
Research, 5
Committee
by-laws, 327
members, 28
foundations, 375
grant, 455, 456
students, 373
units, 506
Residence and enrolment, 497
Residences for students
colleges, 513
halls, 523
housing officer, 80
Resolutions, amendments, 362
Resolutions of the Academic Board, Additional, 372
Resolutions of the Senate, Additional, 357
Resource Geology, diploma in, 243, 244
courses of study, 638
Reynolds Prize, 437, 481
Rheumatic Fever Research Fund, 393
Rhodes Scholarship, 491
Richards Memorial Prize, 448
Richardson Memorial Prize, 448
Riethmuller Bequest, 393
Ritchie Memorial Prize, 437
Robb Bequest, 393
Roberts, P. W. E., Bequest, 393
Roberts, William, Bursary, 405
Robertson Bequest, 393
Robins Award, 438
Robinson, Joan, Prize, 424
Robinson, Kathleen, Lectures, 399
Robinson, Vera Gladys, Bequest, 393
Roderick, Dr Colin, Prize, 469
Roderick, J. W., Prize, 429
Roper Memorial Prizes, 434
Rose Travelling Scholarship, 482
Rouse, Randolph G., Prize, 424
Rouse, Susan Mary, Memorial Prizes, 429
Rowell Prize, 421
Royal
Alexandra Hospital for Children, 662
Australian
Air Force Academy, recognition of study, 334
Institute of Architects, N.S.W. Chapter prizes, 417, 467
Naval College, recognition of study, 334
Planning Institute Prize, 467
Charter of University (*see* Charter)
College of Ophthalmologists' Prize, 434
College of Surgeons, Dental Society of Australia Prize, 421
Military College, recognition of study, 334
North Shore Hospital of Sydney, 659
Prince Alfred Hospital, 659
Rozelle Hospital, 663
Rural Veterinary Centre, 654
Ruskin Rowe Prize for Architecture, 418
Russell, Henry Chamberlain, Prize, 443
Russell, Peter Nicol
Endowment for the Department of Engineering, 393
Medal, 486
scholarships
postgraduate, 472
undergraduate, 429
Rutherford
prizes, 445
scholarship, 491

S

Sadler Prize, 453
Safety policy, 368
Sainsbury Prize in Italian Philology, 450
Saint Andrew's College, 513
Saint John's College, 515
Saint Margaret's Hospital, 663
Saint Michael's College, 516
Saint Paul's College, 516
Salting Exhibition, 409
Sample Survey Centre, 77, 509
Sancta Sophia College, 518
Sanders, Sister, Scholarship, 482
Saunders, Eva, Memorial Prize, 443
SAUT committee, 17
Savage Prize, 434
Saxby Prize, 429
Saywell Bequest, 394
Scholarships, prizes and bursaries (*see also individual names of awards, and names of faculties, departments and colleges*), 103, 401, 500
by-laws, 341
matriculation, 407
postgraduate, 457
external, 490
university, 457
resolutions, 341
undergraduate, 410, 442
Schools, 122
Schwabe Bequest, 394
Science, Faculty of
advanced students, 344
board of examiners, 245
board of postgraduate studies, 245
by-laws, 225
courses of study, 630
departments (*see under individual names*)
diplomas, 226, 242
members, 22
resolutions, 227, 244
scholarships and prizes, 410, 439, 483, 486
scholarships, traineeships, etc, 500
standing committee, 245
student membership, 127
teaching staff, 65

Science Foundation for Physics, 76, 381
scholarships, 454
Science Research Scholarships of the Royal Commission for Exhibition of 1851, 491
Scotow Bequest, 394
Scott, Ethel, J. and Lyell, Foundation, 394
Scott, Rose, Prize, 434
Seale Prize, 430
Seal of the University, 114
Seamen's Union of Australia Prize, 450
Secretary, former, 83
Selle House, 524
Selle, Walter, Scholarship, 412
Semitic Studies, Department of
courses of study, 586
resolutions, MA, 174
teaching staff, 41
Senate
Act, 99
by-laws, 101, 107
committees, 17
constitution, 5, 99
Fellows, 16, 88
election and appointment of, 5, 99, 108
former, 88
tenure of office of, 100
meeting dates (*see* Almanac)
powers, 5, 101
quorum, 100
report, 101
rules of procedure, 107
vacancy, 99, 100, 101
Sendall Bursary, 405
Servicemen, assistance for children, 503
Services and facilities, 504
Services Canteens Trust Fund, 503
Settlement, Sydney University, 529
Seymour Theatre Centre, 81, 509
Seymour Bequest, 394
Sharp Prize, 438
Shearsby Prize, 409
Shell
postgraduate scholarships, 491
prizes in
Chemical and Mechanical Engineering, 430
Government, 449
Shellshear
Memorial Prize, 438
museum, 77, 513
Sherer Bequest, 394
Shirley Memorial Fund, 394
Shoppee Prize, 440
Sidman Memorial Prize, 442
Simmat Prize, 469
Simpson Prize, 446
Site of the University, 6 (*see also endpaper maps*)
Skirving Memorial Prize, 438
Slade Prizes, 440
Smith, Grafton Elliot, Memorial Prize, 438
Smith, Kline and French Research Institute, 509
Smith, Murray Rainsford, Prize, 430
Smith, Nancy Gordon, Memorial Prizes, 476
Smith Prize, 454
Social Studies (*see also* Social Work)
scholarship in, 440
resolutions, MA, 177
Social Study and Training, Board of, Bursary, 403
Social Work, Board of Studies in
by-laws, 196
courses of study, 648
diploma (*see Calendar 1975*)
members, 25
resolutions, 197
MA, 199
scholarships and prizes, 422, 440
student membership, 127
teaching staff, 41
Societies, 366, 525
Society of Oral Surgeons of N.S.W. Medallion, 421
Soil Science, Department of
courses of study, 541, 645
diploma, 278, 283
teaching staff, 35
Soldiers' Children Education Scheme, 503
Solicitors, 81
Sponsored and endowed lectureships, 397
Sports Union, 527
Sports unions, 366
Spurway Bequest, 394
SRC (*See* Students' Representative Council)
St (*see* Saint)
Staedtler Prize, 430
Staff, 5
academic, 34–74
discipline, 138
administrative, 79
faculties and boards of studies, 19–24
former senior officers, 82
honorary appointments to, 363
museums, 77
other boards and committees, 26–28
principal officers, 15
professors, 29–34
substitutes for officers, 347
teaching, 34–74
candidature for PhD, 328
tenure of office, 347
Staff-student loan fund, 502
Standing Committee
of Convocation, 25, 117
on courses of study, 122, 131
Statistical Society of Australia (N.S.W. Branch) Prize
Economic Statistics, 424
Mathematical Statistics, 454
Statistics (*see* Economic Statistics *and* Mathematical Statistics) prizes, 454
Statutes, 93
Statutory accounts, 103
Stephen Jaques and Stephen Prize, 434
Stephen, Adrian Consett, Memorial Prize, 494
Stephens, A. E. and F. A. Q., Postgraduate Research Fellowship, 462
Stephenson-Turner Scholarship, 418
Stewart, Beverley, Memorial Prize, 438
Stewart, Enid Nesta May, Bequest, 394
Stewart, J. D.
Essay Prize, 442
Prize in Veterinary Medicine, 442
Stewart, J. R. B., Prize, 443
Stewart, Susan Florence, Bequest, 394
Stiles
Memorial Prize in History, 449
Prize in English, 446
Stone Prize in Sociological Jurisprudence, 434
Store, Services, 509

Stove Bequests, 394
Strong Scholarships, 413
Structural Engineering, Diploma in, 247
Structural and Foundation Engineering, Diploma in, 247
Struth Bursary, 405
Stuart, Anderson, Memorial Research Fellowship, 482
Student
 complaints, investigations and summary proceedings, 133
 Disciplinary Appeals Committee, 18, 136
 Health Service, 81, 506
 membership of
  Academic Board, 125
  faculties and boards of studies, 126
Students
 advanced, in Arts and Science, 344
 medical, allocation to teaching hospitals, 223
 non-matriculated, 333, 334
 postgraduate
  membership, Academic Board, 125
  which faculty, 372
 research, 372
 suspension of, 132
 transfer between degree courses, 372
 war service, 341
Students' Representative Council, 366, 525
 Bursary and Assistance Fund, 502
 Senate-SRC Liaison Committee, 17
Sub-deans, 139
Subscriptions, compulsory, 500
Substitutes for officers, 347
Sulman, Arthur, Bequest, 395
Sulman, Geoffrey, Memorial Lectureship, 399
Sulman, Sir John, Prize, 418
Sugarman Prizes, 438
Superior officers, 117
Supplementary examinations, 340
SUPRA, 366, 526
 liaison committee, 18
Surgery, Department of
 by-laws, 212
 chair endowment, 393
 teaching staff, 61
Surveying Science, Diploma in, 246
Susman Bequest, 395
Suspension of students, 131
Swain, H. J. and C. K., Prize, 431
Swain, Sheila Mitchell, Memorial Prize, 448
Swanton, Memorial Prize, 438
Sweezy, Prize, 424
Sydney
 Chinese Association Prize, 452
 Hospital, 663
 Legacy assistance for students, 503
 University
  Arts Association prize, 446
  Education Society prizes, 445
  Postgraduate Representative Association (*see* SUPRA)
  Press, 28, 81, 366, 506
  Regiment, 529
  Settlement, 529
  Sports Union, 527
  Women's Sports Association, 527
Symon, Josiah, Scholarship, 446
Symons, S. T. D., Prize, 442

T

Talbot Memorial Scholarship, 482
Tapping Bequest, 395
Taylor, G. A., Memorial Lectureship, 399
Taylor, Professor Griffith, Prize, 447
Teaching hospitals, 655
 administrative units, staff in, 65
 affiliated, 664
 allocation of medical students, 223
 appointment of junior resident medical officers, 223
 boards of medical studies, 221
 Cumberland, 661
 Faculty of Medicine representation, 215
 Lidcombe, 657
 Macquarie, 646
 Mater Misericordiae, 657
 Repatriation General, 658
 Royal
  Alexandra, 662
  North Shore, 659
  Prince Alfred, 659
 Rozelle, 663
 St Margaret's, 663
 Sydney, 663
 tenure of office of clinical teachers, 221
 United Dental, 665
 Westmead Centre, 660
Teaching of English as a foreign language
 board of studies for the diploma in
  by-laws, 142
  members, 28
  resolutions, 165
Teaching staff (*see* Staff)
Telecommunications, Diploma in, 247
Television Service, 81, 509
Telfer Loan Fund, 502
Tennent Prize, 438
Tenure of office of lecturers, 347
Terms (*see also* Almanac), 339
Tertiary Education Assistance Scheme, 501
Theatre Workshop, 81, 510
Theology, Master of, 180, 182, 183
Theses, higher degree, 361
Thomson Prize, 454
Thornett Bequest, 395
 scholarship, 464
Thornhill Bequest, 395
Thurburn, Alexander Hugh
 fellowship, 465
 fund, 395
 scholarship, 465
Todd Memorial Lectureship, 399
Todd, Robert H., Memorial Prize, 438
Toose Memorial Prize, 434
Total Australia Prize, 446
Town and Country Planning, Department of
 diploma, 302, 303, 314, 322, 554
 master of, 304, 315, 322, 554
 teaching staff, 36
Traditional and Modern Philosophy (*see* Philosophy)
Traffic, control of, 369
Traineeships, 500, 503
Transnational Corporations Research Project, 507
Travelling scholarships, 487
Tropical Agronomy, Diploma in, 278, 283
Tropical Public Health, Diploma in, 214, 220
Troughton Bequest, 395

Turland
endowment, 395
postgraduate scholarship, 465
Turner Memorial Prize, 418
Tutorial classes
Act, 101
lecturers, 34

U

Uncle Ben's of Australia Pty Ltd Prize, 442
Underwood Prize, 421
Union (*see* University of Sydney Union)
United Dental Hospital, 665
Universities Credit Union Prize (*see* Credit Union, Universities)
University (*only proper names commencing with the word are indexed here*)
and University Colleges Act, 5, 98
and Schools Club, 528
Computing Centre (*see under* Computing)
Co-operative Bookshop (*see* Bookshop)
Farms, 36, 72, 505
Librarian, 15
former, 83
Postgraduate Research Travelling Scholarship, 488
Prize
for English verse, 494
for Geology, 448
Research Grant, 455
University of Sydney (*proper names only indexed*)
Foundation Prize, 476
Library, 78, 510
Union, 366, 525
Upjohn Prize, 439

V

Vacations (*see* Almanac *and* Terms)
Vallack Bequest, 395
van Naerssen Memorial Prize, 450
Vernon Memorial Lectureship in Town Planning, 399
Veterinary
Anaesthesia, Diploma in, 271, 275
Anatomy, Department of
museum, 77, 512
teaching staff, 71
Clinical Studies, Department of, 71
diploma in, 271, 275
Hospital and Clinic, 653
Pathology, Department of
diploma, 271, 274
teaching staff, 72
Physiology, Department of, 72
Radiology, Diploma in, 271, 275
Rural Veterinary Centre, 654
Science, Faculty of
board of examiners, 276
board of postgraduate studies, 277
by-laws, 270
courses of study, 650
members, 22
postgraduate
committee, 27, 355
Foundation, 382
resolutions, 271, 276
scholarships and fellowships, 410, 440, 486
student membership, 128
teaching staff, 71
Vice-Chancellor and Principal, 15
Act, 101
by-laws, 118
former, 83
Vickery, Kenneth Firth, Scholarship, 483
Vickery, Ottomar George, Bequest, 395
Visitor of the University, 15, 82, 101
Von Mioduszewski Bequest, 395

W

Wadsworth Publishers Prize, 452
Wagga Agricultural College, recognition of study, 334
Wait, Henry, Bursary, 406
Wait, John, Scholarship, 439
Waldron Memorial Prize, 439
Walker Bursaries, 406
Walker, Dame Eadith Campbell, Bursaries, 406
Walker, George, Fund, 395
Walker, G. W., Memorial Essay Prize, 415
Walker, Jean Wilgress, Bequest, 395
Walkom Prize, 431
Walley Fellowship, 482
Wallis Bequest, 396
War Memorial Gallery of Fine Arts, 77
War service of students
by-laws, 341
matriculation, 497
Ward Bequest, 396
Warren Engineering Centre, 76, 382, 507
Waterhouse Prize, 415
Watson Travelling Scholarship, 473
Watt, J. B., Travelling Scholarship, 489
Watt, Oswald, Fund, 396
Watt, Sir Robert, Memorial Prize, 416
Weed Society of N.S.W. Prize, 416
Weidman Bequest, 396
Wentworth
bursaries, 406
medals, 494
travelling fellowship, 489
Wesley College, 519
West Medal, 409
Western Mining Corporation Ltd Prizes, 431
Westmead Centre, 660
Dental Clinical School, 42–44
Weston Prize, 431
White, John Paul, Bequest, 396
White, Reverend C. A., Bursary, 406
White, Wilson Rivers Lovett, Bequest, 395
Wildlife Medicine and Husbandry, Diploma in, 271, 276
Wilkinson, Herbert John, Memorial Prize, 439
Wilkinson, Leslie, Prize, 418
Williams, Dudley, Prize, 434
Williams, Evelyn, Visiting Scholarship, 487
Wilson, C. H., Prize, 444
Wilson, Dr. John H., Prize, 421
Wilson, Liston, Fellowship, 483
Wilson, J. T.
memorial prize, 439
museum, 77, 512
Wilson, Marion Ethel, Bequest, 396
Wingrove Bursary, 406
Wise Bequest, 396
Withycombe Prize, 421

Women, 5
Act, 99
Australian Federation of University—N.S.W. Branch, 529
AWEUS, Senate liaison committee, 17
Graduates' associations awards, 412, 445
Veterinary science prizes, 441
Women's
College, 520
Sports Association, 527
Wood, Eleanor Sophia, Travelling Fellowships, 463
Wood, G. A., Memorial Lectureship, 399
Wood, George Arnold, Memorial Prizes, 450
Wood, Genevieve Pearl, Bequest, 396
Woodhill Prize in Entomology, 416
Woodhouse Memorial Prize, 449
Woolley Scholarship, 489
Worsley Memorial Prize, 449
Wright, Florence Agnes, Bequest, 396
Wright, James Ramage, Fellowship, 487
Wunsch Bequest, 396
Postgraduate Scholarship, 486

Y

Yates, Arthur, and Co. Prize, 416
Yeoman Bedell, 80
Young Prize, 439

Z

Zoology (*see* Biological Sciences, School of)
scholarship and prizes, 455