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The University of New South Wales

# Calendar

Summary Volume

1984

**Arms of  
The University of  
New South Wales**



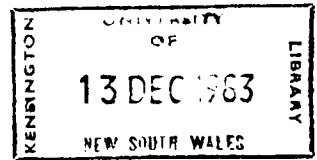
Granted by the College of Heraldry, London  
3 March 1952

**Heraldic Description of Arms**

Argent on a Cross Gules a Lion passant guardant between four Mulletts of eight points Or a Chief Sable charged with an open Book proper thereon the word SCIENTIA in letters also Sable.

The lion and the four stars of the Southern Cross on the Cross of St George have reference to the State of New South Wales which brought the University into

being; the open book with SCIENTIA across its page reminds us of its original purpose. Beneath the shield is the motto 'Manu et Mente', which is the motto of the Sydney Technical College, from which the University has developed. The motto is not an integral part of the Grant of Arms and could be changed at will; but it was the opinion of the University Council that the relationship with the parent institution should in some way be recorded.



**The University of New South Wales**

PO Box 1 Kensington NSW Australia 2033 Phone 663 0351

# Calendar

Summary Volume

# 1984

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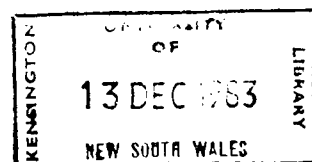
The address of the University of  
New South Wales is:

PO Box 1, Kensington  
New South Wales, Australia 2033

Telephone: (02) 663 0351

Telegraph: UNITECH, SYDNEY

Telex AA26054



Subjects, courses and any arrangements for courses including staff allocated, as stated in the Calendar or any Handbook 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 subjects, courses, arrangements or staff allocations at any time without notice.

Information in this Calendar has been brought up to date as at 12 September 1983, but may be amended without notice by the University Council.

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# Calendar of Dates

The academic year is divided into two sessions, each containing 14 weeks for teaching. There is a recess of five weeks between the two sessions and there are short recesses of one week within each of the sessions.

Session 1 commences on the first Monday of March.

Session 1 (14 weeks)	5 March to 13 May May Recess: 14 May to 20 May 21 May to 17 June Midyear Recess: 18 June to 22 July
Examinations	19 June to 4 July
Session 2 (14 weeks)	23 July to 26 August August Recess: 27 August to 2 September 3 September to 4 November Study Recess: 5 November to 11 November
Examinations	12 November to 30 November
First and Second Years	As for other faculties
Third and Fourth Years	Term 1 (10 weeks) 23 January to 1 April Term 2 (9 weeks) 9 April to 13 May May Recess: 14 May to 20 May 21 May to 17 June Term 3 (9 weeks) 25 June to 26 August August Recess: 27 August to 2 September Term 4 (10 weeks) 3 September to 11 November
Fifth Year	Term 1 (8 weeks) 23 January to 18 March Term 2 (8 weeks) 26 March to 20 May Term 3 (8 weeks) 28 May to 22 July Term 4 (8 weeks) 30 July to 23 September Term 5 (8 weeks) 2 October to 25 November
	Term 1 (10 weeks) 27 February to 6 May Term 2 (13 weeks) 21 May to 19 August Term 3 (7 weeks) 10 September to 28 October

## The Academic Year

### 1984

**Faculties other than  
Medicine and Military  
Studies**

## Faculty of Medicine

## Faculty of Military Studies

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**January 1984**


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Su	1	New Year's Day	
M	2	Public Holiday — New Year's Day	
T	3		
W	4		
Th	5	10.00 am	Applied Science Higher Degree Committee
F	6		
S7/Su8			
M	9		
T	10		
W	11	2.00 pm	Commerce Higher Degree Committee
		2.00 pm	Professional Studies Higher Degree Committee
Th	12		
F	13	Last day for acceptance of applications by office of the Admissions Section for transfer to another undergraduate course within the University	
		10.00 am	Engineering Higher Degree Committee
S14/Su15			
M	16	Last day for applications for review of results of assessment	
T	17		
W	18		
Th	19	2.00 pm	Architecture Higher Degree Committee
F	20		
S21/Su22			
M	23	Term 1 begins — Medicine III, IV and V	
		2.15 pm	Admissions Committee
T	24	2.00 pm	Australian Graduate School of Management Higher Degree Committee
		2.00 pm	Science Higher Degree Committee
		3.00 pm	Australian Graduate School of Management Executive Committee
W	25	2.00 pm	Commerce Higher Degree Committee
Th	26	10.00 am	Applied Science Executive Committee
		2.00 pm	Architecture Executive Committee
F	27		
S28/Su29			
M	30	Public Holiday — Australia Day	
T	31	12 noon	Law Higher Degree Committee
		2.00 pm	Council
		2.00 pm	Science and Mathematics Executive Committee
		2.15 pm	Arts Higher Degree Committee

## February 1984

W	1	Enrolment period begins for new undergraduate students and undergraduate students repeating first year
		12 noon Professional Studies Higher Degree Committee
		2.00 pm Executive Committee of Professorial Board
Th	2	10.00 am Applied Science Higher Degree Committee
		10.00 am Health Personnel Education Committee
F	3	8.30 am Committee on the Use of Animals in Research and Teaching
		9.30 am Military Studies Higher Degree Committee
		10.00 am Engineering Higher Degree Committee
		10.30 am Military Studies Executive Committee
		2.00 pm Engineering Executive Committee
S4/Su5		
M	6	
T	7	10.00 am Professorial Board
		3.30 pm Finance Sub-Committee of Council
		5.00 pm Personnel Sub-Committee of Council
W	8	11.00 am General Education Higher Degree Committee
		2.30 pm Graduation Ceremony, Medicine
Th	9	
F	10	
S11/Su12		
M	13	2.00 pm Biological Sciences Higher Degree Committee
		4.00 pm Academic Committee of Council
T	14	2.00 pm Science Higher Degree Committee
		2.00 pm Australian Graduate School of Management Board of Studies
		2.15 pm Arts Higher Degree Committee
		2.15 pm Student Affairs Committee of Council
		4.00 pm Public Relations Committee of Council
W	15	2.00 pm Medicine Higher Degree Committee
		3.00 pm Medicine Executive Committee
Th	16	10.00 am Research and Higher Awards Committee
		2.00 pm Architecture Higher Degree Committee
F	17	
S18/Su19		
M	20	Enrolment period begins for second and later year undergraduate students and graduate students enrolled in formal courses
T	21	11.00 am General Education Higher Degree Committee
		2.00 pm Science Executive Committee
W	22	2.00 pm Commerce Higher Degree Committee
		2.00 pm Professional Studies Higher Degree Committee
		4.30 pm Committee on Experimental Procedures Involving Human Subjects
Th	23	10.00 am Applied Science Faculty
		2.00 pm Architecture Faculty
F	24	10.00 am Engineering Higher Degree Committee
S25/Su26		
M	27	Term 1 begins — Faculty of Military Studies
		5.00 pm Executive Committee of Council
T	28	Last day for undergraduate students who have completed requirements for pass degrees to advise the Registrar they are proceeding to an honours degree or do not wish to take out the degree for which they have applied for any other reason
		2.00 pm Science and Mathematics Executive Committee
		2.15 pm Arts Higher Degree Committee
W	29	12 noon Professional Studies Executive Committee
		2.00 pm Executive Committee of Professorial Board

## March 1984

Th	1	10.00 am	Applied Science Higher Degree Committee
		2.00 pm	Architecture Higher Degree Committee
F	2	8.30 am	Committee on the Use of Animals in Research and Teaching
		9.30 am	Military Studies Higher Degree Committee
		10.00 am	Engineering Faculty
		10.30 am	Military Studies Faculty
S3/Su4			
M	5	<b>Session 1 begins — all courses except Medicine III, IV and V</b>	
T	6	10.00 am	Professorial Board
		2.15 pm	Arts Executive Committee
		5.00 pm	Personnel Sub-Committee of Council
W	7	List of graduands for April/May ceremonies and 1983 prizewinners published in <i>The Sydney Morning Herald</i>	
		11.00 am	General Education Executive Committee
		2.00 pm	Commerce Executive Committee
		4.00 pm	Fine Arts Sub-Committee of Council
		4.30 pm	Medicine Faculty
Th	8	2.00 pm	Continuing Education Committee
		3.00 pm	University Union Liaison Committee of Council
F	9	2.00 pm	Resources Allocation Advisory Committee
S10/Su11			
M	12	Last day for notification of correction of details published in <i>The Sydney Morning Herald</i> on 7 March concerning April/May graduation ceremonies	
		2.00 pm	Biological Sciences Executive Committee
		2.00 pm	Council
		3.00 pm	Biological Sciences Higher Degree Committee
T	13	9.00 am	Administrative Procedures Committee
		10.30 am	Library Committee
		2.00 pm	Science Higher Degree Committee
W	14	2.00 pm	Medicine Higher Degree Committee
Th	15	10.00 am	Research and Higher Awards Committee
		2.15 pm	University Safety Committee
F	16	Last day for acceptance of enrolment by new undergraduate students (late fee payable thereafter)	
		10.00 am	Engineering Higher Degree Committee
S	17		
Su	18	<b>Term 1 ends — Medicine V</b>	
M	19	2.00 pm	Matriculation Committee
T	20	11.00 am	Law Executive Committee
		12 noon	Law Higher Degree Committee
		2.00 pm	Science Executive Committee
		2.15 pm	Arts Faculty
		4.30 pm	Committee on Experimental Procedures Involving Human Subjects
W	21	2.00 pm	Commerce Faculty
Th	22	10.00 am	Applied Science Executive
		2.00 pm	Architecture Executive Committee
F	23	10.00 am	Engineering Executive Committee
S24/Su25			
M	26	<b>Term 2 begins — Medicine V</b>	
		2.00 pm	Biological Sciences Faculty
		3.00 pm	Buildings and Equipment Committee of Council
T	27	2.00 pm	Australian Graduate School of Management Higher Degree Committee
		2.15 pm	Arts Higher Degree Committee
		2.15 pm	Student Affairs Committee of Council
		3.00 pm	Australian Graduate School of Management Executive Committee
W	28	2.00 pm	Executive Committee of Professorial Board
Th	29		
F	30	Last day for acceptance of enrolment by undergraduate students re-enrolling in second and later years (late fee payable thereafter)	
		12 noon	Graduation Ceremony, Broken Hill
S	31		

## April 1984

Su	1	<b>Term 1 ends — Medicine III and IV</b>	
M	2		
T	3	10.00 am	Professorial Board
		2.00 pm	Science and Mathematics Executive Committee
W	4	2.00 pm	Commerce Higher Degree Committee
		2.00 pm	Professional Studies Higher Degree Committee
Th	5	10.00 am	Applied Science Higher Degree Committee
		2.00 pm	Architecture Higher Degree Committee
F	6	8.30 am	Committee on the Use of Animals in Research and Teaching
		9.30 am	Military Studies Higher Degree Committee
		10.30 am	Military Studies Executive Committee
S7/Su8			
M	9	<b>Term 2 begins — Medicine III and IV</b>	
		4.00 pm	Academic Committee of Council
T	10	2.00 pm	Australian Graduate School of Management Board of Studies
		2.00 pm	Science Faculty
		3.30 pm	Finance Sub-Committee of Council
		5.00 pm	Personnel Sub-Committee of Council
W	11	4.30 pm	Law Faculty
Th	12	10.00 am	Research and Higher Awards Committee
		2.15 pm	General Education Board of Studies
F	13	10.00 am	Engineering Higher Degree Committee
		2.30 pm	Graduation Ceremony, Applied Science and Board of Studies in Science and Mathematics (First Section)
S14/Su15			
M	16	2.00 pm	Biological Sciences Executive Committee
		2.30 pm	Graduation Ceremony, Commerce (First Section)
		3.00 pm	Biological Sciences Higher Degree Committee
T	17	2.00 pm	Science Higher Degree Committee
		4.00 pm	Public Relations Committee of Council
W	18	2.00 pm	Medicine Higher Degree Committee
		2.30 pm	Graduation Ceremony, Arts (First Section)
		3.00 pm	Medicine Executive Committee
		4.30 pm	Committee on Experimental Procedures Involving Human Subjects
Th	19	Last day for undergraduate students to discontinue without failure subjects which extend over Session 1 only	
		10.00 am	Applied Science Executive Committee
		2.00 pm	Architecture Faculty
F	20	<b>Good Friday — Public Holiday</b>	
S	21	<b>Easter Saturday — Public Holiday</b>	
Su	22		
M	23	<b>Easter Monday — Public Holiday</b>	
T	24	2.00 pm	Executive Committee of Professorial Board
W	25	<b>Anzac Day — Public Holiday</b>	
Th	26	10.00 am	Applied Science Higher Degree Committee
F	27		
S28/Su29			
M	30	2.30 pm	Graduation Ceremony, Arts (Second Section)
		5.00 pm	Executive Committee of Council

## May 1984

T	1	10.00 am	Professorial Board
		2.00 pm	Science Executive Committee
		2.15 pm	General Education Higher Degree Committee
W	2	<i>Confirmation of Enrolment</i> forms despatched to all students	
		2.00 pm	Professional Studies Higher Degree Committee
		2.00 pm	Commerce Higher Degree Committee
		2.30 pm	Graduation Ceremony, Engineering (First Section)
Th	3	2.00 pm	Architecture Executive Committee
		2.00 pm	Continuing Education Committee
F	4	8.30 am	Committee on the Use of Animals in Research and Teaching
		9.30 am	Military Studies Higher Degree Committee
		10.00 am	Engineering Higher Degree Committee
		10.30 am	Military Studies Executive Committee
		10.30 am	Graduation Ceremony, Commerce (Second Section) and AGSM
		2.30 pm	Graduation Ceremony, Biological Sciences, Board of Studies in Science and Mathematics (Second Section) and Medicine (Second Section)
S	5		
Su	6	<b>Term 1 ends — Faculty of Military Studies</b>	
M	7	2.00 pm	Matriculation Committee
T	8	10.30 am	Graduation Ceremony, Law
		2.00 pm	Science and Mathematics Executive Committee
		2.15 pm	Arts Executive Committee
		2.30 pm	Graduation Ceremony, Architecture and Engineering (Second Section)
		5.00 pm	Personnel Sub-Committee of Council
W	9	2.00 pm	Commerce Executive Committee
Th	10	10.00 am	Research and Higher Awards Committee
		2.00 pm	Applied Science Faculty
		3.00 pm	University Union Liaison Committee of Council
F	11	Last day for acceptance of corrected <i>Confirmation of Enrolment</i> forms	
		10.30 am	Graduation Ceremony, Science, Board of Studies in Science and Mathematics (Third Section)
		2.30 pm	Graduation Ceremony, Professional Studies
S12/Su13			
M	14	<b>May Recess begins</b>	
		2.00 pm	Council
T	15	9.00 am	Administrative Procedures Committee
W	16	Last day for undergraduate students completing requirements for degrees at the end of Session 1 to submit <i>Application for Admission to Degree</i> forms	
Th	17	Publication of provisional timetable for June/July examinations	
F	18	10.00 am	Engineering Executive Committee
S	19		
Su	20	<b>May Recess ends</b>	
		<b>Term 2 ends — Medicine V</b>	
M	21	<b>Term 2 begins — Faculty of Military Studies</b>	
		2.00 pm	Biological Sciences Faculty
T	22	11.00 am	General Education Executive Committee
		11.00 am	Law Executive Committee
		12 noon	Law Higher Degree Committee
		2.00 pm	Science Higher Degree Committee
		2.00 pm	Australian Graduate School of Management Higher Degree Committee
		2.15 pm	Arts Faculty
		3.00 pm	Australian Graduate School of Management Executive Committee
		4.30 pm	Committee on Experimental Procedures Involving Human Subjects
W	23	2.00 pm	Medicine Higher Degree Committee
		3.00 pm	Medicine Executive Committee
Th	24	11.30 am	Health Personnel Education Committee
F	25	Last day for students to advise of examination clashes	
S26/Su27			
M	28	<b>Term 3 begins — Medicine V</b>	
		3.00 pm	Buildings and Equipment Committee of Council
T	29	2.00 pm	Science Executive Committee
		2.15 pm	Student Affairs Committee of Council
W	30	2.00 pm	Executive Committee of Professorial Board
Th	31	10.00 am	Applied Science Higher Degree Committee
		2.15 pm	University Safety Committee

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## June 1984

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F 1      8.30 am    Committee on the Use of Animals in Research and Teaching  
             9.30 am    Military Studies Higher Degree Committee  
             10.30 am   Military Studies Faculty

S2/Su3

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M 4      2.00 pm    Biological Sciences Executive Committee  
             2.15 pm    Admissions Committee  
             3.00 pm    Biological Sciences Higher Degree Committee

T 5      Publication of timetable for June/July examinations  
             10.00 am    Professorial Board  
             2.00 pm    Science and Mathematics Executive Committee  
             2.15 pm    Arts Higher Degree Committee  
             3.30 pm    Finance Sub-Committee of Council  
             5.00 pm    Personnel Sub-Committee of Council

W 6      2.00 pm    Commerce Faculty  
             4.30 pm    Law Faculty

Th 7     10.00 am   Applied Science Executive Committee  
             2.00 pm    Architecture Higher Degree Committee  
             2.15 pm    General Education Board of Studies  
             3.00 pm    Architecture Executive Committee

F 8      2.00 pm    Resources Allocation Advisory Committee

S9/Su10

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M 11     **Queen's Birthday — Public Holiday**

T 12     10.30 am    Library Committee  
             2.00 pm    Australian Graduate School of Management Board of Studies  
             2.00 pm    Public Relations Committee of Council  
             4.00 pm    Academic Committee of Council

W 13     2.00 pm    Professional Studies Executive Committee  
             2.00 pm    Commerce Higher Degree Committee  
             4.30 pm    Medicine Faculty

Th 14    10.00 am    Research and Higher Awards Committee

F 15     10.00 am    Engineering Higher Degree Committee  
             2.00 pm    Engineering Faculty

S 16

Su 17    **Session 1 ends**

**Term 2 ends — Medicine III and IV**

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M 18     **Midyear Recess begins**

11.00 am    Computing Science Committee

T 19     **Examinations begin**

2.00 pm    Science Higher Degree Committee

W 20     2.00 pm    Professional Studies Higher Degree Committee

4.30 pm    Committee on Experimental Procedures Involving Human Subjects

Th 21    2.00 pm    Architecture Faculty

F 22

S23/Su74

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M 25     **Term 3 begins — Medicine III and IV**

5.00 pm    Executive Committee of Council

T 26     2.00 pm    Science Executive Committee

W 27     2.00 pm    Executive Committee of Professorial Board

Th 28

F 29

S 30

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**July 1984**


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Su	1		
M	2	2.00 pm	Matriculation Committee
T	3	10.00 am 5.00 pm	Professorial Board Personnel Sub-Committee of Council
W	4	<b>Examinations end</b>	
		2.00 pm	Professional Studies Executive Committee
		2.00 pm	Science and Mathematics Executive Committee
		4.00 pm	Fine Arts Sub-Committee of Council
Th	5	10.00 am 2.00 pm 2.00 pm	Applied Science Executive Committee Architecture Executive Committee Continuing Education Committee
F	6	8.30 am 9.30 am 10.30 am	Committee on the Use of Animals in Research and Teaching Military Studies Higher Degree Committee Military Studies Executive Committee
<b>S7/Su8</b>			
M	9	2.00 pm	Council
T	10		
W	11	2.00 pm 2.00 pm 3.00 pm	Commerce Executive Committee Medicine Higher Degree Committee Medicine Executive Committee
Th	12	10.00 am 3.00 pm	Research and Higher Awards Committee University Union Liaison Committee of Council
F	13	10.00 am 2.00 pm	Engineering Higher Degree Committee Engineering Executive Committee
<b>S14/Su15</b>			
M	16		Examination results mailed to students
T	17		Examination results displayed on University noticeboards <i>To Friday 20 July:</i> Students to amend enrolment programs following receipt of June examination results
W	18	11.00 am	General Education Higher Degree Committee
	18	2.00 pm	Professional Studies Faculty
Th	19	2.00 pm	Architecture Faculty
F	20		
S	21		
Su	22		<b>Midyear Recess ends</b> <b>Term 3 ends — Medicine V</b>
M	23		<b>Session 2 begins</b> Last day for applications for review of June assessment results
		2.00 pm	Biological Sciences Faculty
T	24	11.00 am 12 noon 2.00 pm 2.00 pm 2.15 pm 3.00 pm 4.30 pm	Law Executive Committee Law Higher Degree Committee Science Executive Committee Australian Graduate School of Management Higher Degree Committee Arts Executive Committee Australian Graduate School of Management Executive Committee Committee on Experimental Procedures Involving Human Subjects
W	25	2.00 pm	Professional Studies Higher Degree Committee
Th	26		
F	27		
<b>S28/Su29</b>			
M	30		<b>Term 4 begins — Medicine V</b>
		3.00 pm	Buildings and Equipment Committee of Council
T	31	11.00 am 2.00 pm 2.15 pm	General Education Executive Committee Science Higher Degree Committee Student Affairs Committee of Council

## August 1984

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W	1	2.00 pm	Executive Committee of Professorial Board
Th	2	2.00 pm	Architecture Higher Degree Committee
F	3	Last day for students to discontinue without failure subjects which extend over the whole academic year	
		8.30 am	Committee on the Use of Animals in Research and Teaching
		9.30 am	Military Studies Higher Degree Committee
		10.30 am	Military Studies Faculty

S4/Su5

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M	6	2.00 pm	Biological Sciences Executive Committee
		3.00 pm	Biological Sciences Higher Degree Committee
T	7	10.00 am	Professorial Board
		2.15 pm	Arts Faculty
		3.30 pm	Finance Sub-Committee of Council
		5.00 pm	Personnel Sub-Committee of Council
W	8	2.00 pm	Commerce Faculty
		2.00 pm	Science and Mathematics Executive Committee
		4.30 pm	Medicine Faculty
Th	9	10.00 am	Applied Science Higher Degree Committee
		2.00 pm	Applied Science Faculty
F	10	10.00 am	Engineering Higher Degree Committee
		2.00 pm	Resources Allocation Advisory Committee

S11/Su12

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M	13	4.00 pm	Academic Committee of Council
T	14	9.00 am	Administrative Procedures Committee
		2.00 pm	Australian Graduate School of Management Board of Studies
		2.15 pm	Arts Higher Degree Committee
		4.00 pm	Public Relations Committee of Council
W	15	2.00 pm	Commerce Higher Degree Committee
		4.30 pm	Law Faculty
Th	16	10.00 am	Research and Higher Awards Committee
		2.15 pm	General Education Board of Studies
F	17	10.00 am	Engineering Executive Committee
S	18		
Su	19	Term 2 ends — Faculty of Military Studies	

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M	20		
T	21	2.00 pm	Science Executive Committee
W	22	2.00 pm	Professional Studies Executive Committee
		4.30 pm	Committee on Experimental Procedures Involving Human Subjects
Th	23	10.00 am	Applied Science Executive Committee
		2.15 pm	University Safety Committee
F	24		
S	25		
Su	26	Term 3 ends — Medicine III and IV	

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M	27	August Recess begins	
		5.00 pm	Executive Committee of Council
T	28	Last day for undergraduate students who have completed requirements for pass degrees to advise the Registrar they are proceeding to an honours degree or do not wish to take out the degree for which they have applied for any other reason	
W	29	2.00 pm	Executive Committee of Professorial Board
Th	30		
F	31		

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## September 1984

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S	1	
Su	2	August Recess ends
M	3	<b>Term 4 begins — Medicine III and IV</b> 2.00 pm Biological Sciences and Executive Committee 3.00 pm Biological Sciences Higher Degree Committee
T	4	10.00 am Professorial Board 2.00 pm Science Higher Degree Committee 5.00 pm Personnel Sub-Committee of Council
W	5	List of graduands for October graduation ceremonies published in <i>The Sydney Morning Herald</i> 2.00 pm Commerce Executive Committee 2.00 pm Science and Mathematics Board of Studies 2.00 pm Medicine Higher Degree Committee 3.00 pm Medicine Executive Committee
Th	6	10.00 am Applied Science Higher Degree Committee 10.00 am Health Personnel Education Committee 2.00 pm Architecture Executive Committee 2.00 pm Continuing Education Committee 3.00 pm University Union Liaison Committee of Council
F	7	8.30 am Committee on the Use of Animals in Research and Teaching 2.00 pm Engineering Faculty
S8/Su9		
M	10	<b>Term 3 begins — Faculty of Military Studies</b> Last day for notification of correction of details published in <i>The Sydney Morning Herald</i> on 5 September concerning October graduation ceremonies 2.00 pm Council
T	11	10.30 am Library Committee 2.00 pm Science Faculty
W	12	2.00 pm Professional Studies Faculty
Th	13	10.00 am Research and Higher Awards Committee
F	14	Last day for undergraduate students to discontinue without failure subjects which extend over Session 2 only 9.30 am Military Studies Higher Degree Committee 10.00 am Engineering Higher Degree Committee 10.30 am Military Studies Executive Committee
S15/Su16		
M	17	
T	18	2.00 pm Science Executive Committee 4.30 pm Committee on Experimental Procedures Involving Human Subjects
W	19	2.00 pm Commerce Higher Degree Committee 2.00 pm Professional Studies Higher Degree Committee
Th	20	
F	21	
S	22	
Su	23	<b>Term 4 ends — Medicine V</b>
M	24	<i>Confirmation of Enrolment</i> forms despatched to all students 3.00 pm Buildings and Equipment Committee of Council
T	25	2.00 pm Australian Graduate School of Management Higher Degree Committee 2.15 pm Arts Higher Degree Committee 2.15 pm Student Affairs Committee of Council 3.00 pm Australian Graduate School of Management Executive Committee
W	26	2.00 pm Executive Committee of Professorial Board
Th	27	10.00 am Applied Science Executive Committee 2.00 pm Architecture Faculty
F	28	Last day to apply to UCAC for transfer to another tertiary institution in New South Wales
S29/Su30		

## October 1984

M	1	Eight Hour Day — Public Holiday	
T	2	Term 5 begins — Medicine V	
		10.00 am	Professorial Board
		2.15 pm	Arts Executive Committee
W	3	Last day for acceptance of corrected <i>Confirmation of Enrolment</i> forms	
		2.00 pm	Science and Mathematics Executive Committee
Th	4	Publication of provisional examination timetable	
		10.00 am	Applied Science Higher Degree Committee
F	5	Last day for applications from undergraduate students completing requirements for degrees at the end of Session 2 to submit applications for <i>Admission to Degree</i> forms	
		8.30 am	Committee on the Use of Animals in Research and Teaching
		2.00 pm	Resources Allocation Advisory Committee
S6/Su7			
M	8	4.00 pm	Academic Committee of Council
T	9	9.00 am	Administrative Procedures Committee
		2.00 pm	Australian Graduate School of Management Board of Studies
		2.00 pm	Science Higher Degree Committee
		3.30 pm	Finance Sub-Committee of Council
		5.00 pm	Personnel Sub-Committee of Council
W	10	2.00 pm	Commerce Faculty
		2.00 pm	Medicine Higher Degree Committee
		2.30 pm	Graduation Ceremony
		3.00 pm	Medicine Executive Committee
Th	11	10.00 am	Applied Science Faculty
		2.00 pm	Architecture Higher Degree Committee
F	12	Last day for students to advise of examination timetable clashes	
		9.30 am	Military Studies Higher Degree Committee
		10.00 am	Engineering Higher Degree Committee
		10.30 am	Military Studies Executive Committee
		10.30 am	Graduation Ceremony
		2.30 pm	Graduation Ceremony
S13/Su14			
M	15	2.00 pm	Biological Sciences Executive Committee
		3.00 pm	Biological Sciences Higher Degree Committee
T	16	11.00 am	Law Executive Committee
		12 noon	Law Higher Degree Committee
		2.00 pm	Science Executive Committee
		4.00 pm	Public Relations Committee of Council
W	17	2.00 pm	Commerce Executive Committee
Th	18	10.00 am	Research and Higher Awards Committee
		2.00 pm	Architecture Executive Committee
F	19		
S20/Su21			
M	22		
T	23	11.00 am	General Education Higher Degree Committee
		2.15 pm	Arts Faculty
W	24	2.00 pm	Professional Studies Executive Committee
		4.30 pm	Committee on Experimental Procedures Involving Human Subjects
Th	25	Publication of Examination timetables	
F	26		
S	27		
Su	28	Term 3 ends — Faculty of Military Studies	
M	29	2.00 pm	Biological Sciences Faculty
		5.00 pm	Executive Committee of Council
T	30	11.00 am	General Studies Executive Committee
W	31	2.00 pm	Executive Committee of Professorial Board
		4.30 pm	Law Faculty

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**November 1984**


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Th	1		
F	2	8.30 am 10.00 am	Committee on the Use of Animals in Research and Teaching Engineering Executive Committee
S	3		
Su	4		- Session 2 ends
M	5		<b>Study Recess begins</b>
		2.00 pm	Matriculation Committee
T	6	10.00 am 2.15 pm 5.00 pm	Professorial Board Arts Higher Degree Committee Personnel Sub-Committee of Council
W	7	2.00 pm 2.00 pm 4.00 pm 4.30 pm	Science and Mathematics Executive Committee Commerce Higher Degree Committee Fine Arts Sub-Committee of Council Medicine Faculty
Th	8	10.00 am 2.00 pm	Applied Science Executive Continuing Education Committee
F	9	9.30 am 10.30 am	Military Studies Higher Degree Committee Military Studies Faculty
S	10		
Su	11		<b>Study Recess ends</b>
M	12		<b>Examinations begin</b>
		2.00 pm	Council
T	13	2.00 pm	Science Executive Committee
W	14		
Th	15	10.00 am 2.15 pm 3.00 pm	Research and Higher Awards Committee General Education Board of Studies University Union Liaison Committee of Council
F	16	10.00 am	Engineering Higher Degree Committee
S17/Su18			
M	19	2.00 pm 2.15 pm 3.00 pm	Biological Sciences Executive Committee Admissions Committee Biological Sciences Higher Degree Committee
T	20	10.30 am 2.00 pm 4.30 pm	Library Committee Science Higher Degree Committee Committee on Experimental Procedures Involving Human Subjects
W	21	2.00 pm 3.00 pm	Medicine Higher Degree Committee Medicine Executive Committee
Th	22	10.00 am 2.00 pm	Applied Science Higher Degree Committee Architecture Higher Degree Committee
F	23		
S	24		
Su	25		<b>Term 5 ends — Medicine V</b>
M	26	3.00 pm	Buildings and Equipment Committee of Council
T	27	2.00 pm 3.00 pm	Australian Graduate School of Management Higher Degree Committee Australian Graduate School of Management Executive Committee
W	28	2.00 pm	Executive Committee of Professorial Board
Th	29	2.15 pm	University Safety Committee
F	30		<b>Examinations end</b>

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**December 1984**


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S 1

Su 2

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M 3 11.00 am Computing Science Committee  
2.15 pm Admissions Committee

T 4 10.00 am Professorial Board  
3.30 pm Finance Sub-Committee of Council  
5.00 pm Personnel Sub-Committee of Council

W 5

Th 6

F 7 8.30 am Committee on the Use of Animals in Research and Teaching

S8/Su9

M 10

T 11 9.30 am Graduation Ceremony, Duntroon  
2.00 pm Australian Graduate School of Management Board of Studies

W 12 4.30 pm Committee on Experimental Procedures Involving Human Subjects

Th 13 10.00 am Health Personnel Education Committee

F 14

S15/Su16

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M 17 Examination results mailed to students  
List of graduands in Medicine for February Graduation Ceremony published in *The Sydney Morning Herald*  
5.00 pm Executive Committee of Council

T 18 Examination results displayed on University noticeboards

W 19 2.00 pm Professional Studies Higher Degree Committee

Th 20 10.00 am Research and Higher Awards Committee

F 21

S22/Su23

M 24

T 25 Christmas Day — Public Holiday

W 26 Boxing Day — Public Holiday

Th 27

F 28

S29/Su30

M 31

**1985****Faculties other than  
Medicine and Military  
Studies**

Session 1 (14 weeks)	4 March to 13 May May Recess: 13 May to 19 May 20 May to 16 June Midyear Recess: 17 June to 21 July
Examinations	18 June to 3 July
Session 2 (14 weeks)	22 July to 25 August August Recess: 26 August to 1 September 2 September to 3 November Study Recess: 4 November to 10 November
Examinations	11 November to 29 November

**Faculty of Medicine**

First and Second Years	As for other faculties
Third and Fourth Years	Term 1 (10 weeks) 21 January to 31 March Term 2 (9 weeks) 9 April to 12 May May Recess: 13 May to 19 May 20 May to 16 June Term 3 (9 weeks) 24 June to 25 August August Recess: 26 August to 1 September Term 4 (10 weeks) 2 September to 10 November
Fifth Year	Term 1 (8 weeks) 21 January to 17 March Term 2 (8 weeks) 25 March to 19 May Term 3 (8 weeks) 27 May to 21 July Term 4 (8 weeks) 29 July to 22 September Term 5 (8 weeks) 30 September to 24 November

**Faculty of Military  
Studies**

Term 1 (10 weeks)	25 February to 5 May
Term 2 (13 weeks)	20 May to 18 August
Term 3 (7 weeks)	9 September to 27 October

<b>January</b>	T	1	Public Holiday (New Year)
	F	11	Last day for acceptance of applications by office of the Admissions Section for transfer to another undergraduate course within the University
	M	14	Last day for applications for review of results of annual examinations
	M	28	Australia Day – Public Holiday
<b>February</b>	M	19	Enrolment period begins for second and later year undergraduate students and graduate students enrolled in formal courses
<b>March</b>	M	4	Session 1 begins – all courses except Medicine III, IV and V
<b>April</b>	F	5	
		to	Easter – Public Holiday
	M	8	
	Th	25	Anzac Day – Public Holiday

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## Council and Standing Committees Meeting Dates 1984

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<b>Council</b> <b>Monday, 2 pm</b> 31 January (Tuesday) 12 March 14 May 9 July 10 September 12 November	<b>Finance</b> <b>Tuesday, 3.30 pm</b> 7 February 10 April 5 June 7 August 9 October 4 December	<b>Academic</b> <b>Monday, 4 pm</b> 13 February 9 April 12 June (Tuesday) 13 August 8 October	<b>Public Relations</b> <b>Tuesday, 4 pm</b> 14 February 17 April 12 June (2 pm) 14 August 16 October
<b>Executive</b> <b>Monday, 5 pm</b> 27 February 30 April 25 June 27 August 29 October 17 December	<b>Personnel</b> <b>Tuesday, 5 pm</b> 7 February 6 March 10 April 8 May 5 June 3 July 7 August 4 September 9 October 6 November 4 December	<b>Buildings and Equipment</b> <b>Monday, 3 pm</b> 26 March 28 May 30 July 24 September 26 November	<b>Student Affairs</b> <b>Monday, 2.15 pm</b> 14 February 27 March 29 May 31 July 25 September
		<b>Fine Arts</b> <b>Wednesday, 4 pm</b> 7 March 4 July 7 November	<b>University Union Liaison</b> <b>Thursday, 3.00 pm</b> 8 March 10 May 12 July 6 September 15 November

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## Professorial Board and Principal Standing Committees Meeting Dates 1984

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<b>Professorial Board</b> <b>Tuesday, 10 am</b> 7 February 6 March 3 April 1 May 5 June 3 July 7 August 4 September 2 October 6 November 4 December	<b>Administrative Procedures</b> <b>Tuesday, 9 am</b> 13 March 15 May 14 August 9 October	<b>Health Personnel Education</b> <b>Thursday, 10 am</b> 2 February 24 May 6 September 13 December	<b>Research and Higher Awards</b> <b>Thursday, 10 am</b> 16 February 15 March 12 April 10 May 14 June 12 July 16 August 13 September 18 October 15 November 13 December
<b>Executive</b> <b>Wednesday, 2 pm</b> 1 February 29 February 28 March 24 April (Tuesday) 30 May 27 June 1 August 29 August 26 September 31 October 28 November	<b>Admissions</b> <b>Monday, 2.15 pm</b> 23 January 4 June 19 November	<b>Library</b> <b>Tuesday, 10.30 am</b> 13 March 12 June 11 September 20 November	<b>Resources Allocation Advisory</b> <b>Friday, 2 pm</b> 9 March 8 June 10 August 5 October
	<b>Computing Science</b> <b>Monday, 11 am</b> 18 June 3 December	<b>Matriculation</b> <b>Monday, 2 pm</b> 19 March 7 May 2 July 5 November	
	<b>Continuing Education</b> <b>Thursday, 2 pm</b> 8 March 3 May 5 July 6 September 8 November		

# Preface

## The University

The University, the second to be established in New South Wales, is situated on 38 hectares in Kensington, an inner south-eastern suburb of Sydney. Outside that site it operates a Faculty of Military Studies, located at the Royal Military College at Duntroon in the Australian Capital Territory, and it has a number of research stations in other parts of New South Wales.

The University's academic activities are divided among the following faculties: applied science; architecture; arts; biological sciences; commerce; engineering; law; medicine; military studies; professional studies and science. A wide range of first degrees, higher degrees and graduate diplomas is offered and there are appropriate research facilities in these faculties. The University also operates a number of research and teaching activities and a national school of management – the Australian Graduate School of Management – which offers higher degrees and other courses in management.

The enrolment in 1983 was 18,376 made up of 14,336 proceeding to bachelor degrees, 3,070 to higher degrees, 387 to graduate diplomas, and 583 seeking completion of non-award studies.

The full-time staff supporting these activities numbers 3,619 of whom 1,224 are teaching and research staff, and 2,395 are library, technical, administrative, clerical and other staff. The Library contains some 1,126,000 items.

The University's total recurrent expenditure in 1983 was approximately \$112 million. There are buildings at a value in excess of \$300 million on the Kensington site.

## Brief History

The University was incorporated by Act of the Parliament of New South Wales in 1949 as *The New South Wales University of Technology*. This name reflected the wish of the founders that the University should place special emphasis on science and technology and attempted to meet 'the urgent demand in Australia for increasing numbers of technologists and applied scientists'.

The first courses, leading to the award of the degree of Bachelor of Engineering, were begun in 1948 in civil, electrical, mechanical, and mining engineering. These courses were planned to give students full-time lecture and laboratory instruction at the University for approximately half the year, with planned industrial experience for the remainder. Courses leading to the award of the degree of Bachelor of Science were introduced in applied chemistry and chemical engineering for the 1949 academic year, and in applied physics and wool technology for the 1951 academic year. A first degree course in architecture was established in 1950, and in 1954 a further full-time bachelor of science course (in metallurgy) and a four-year degree course in

applied geology leading to the award of the degree of Bachelor of Engineering (Geology) were offered. A four-year full-time bachelor of science in food technology also began in 1954.

Part-time degree courses were introduced in 1954 in applied biology, applied chemistry, applied geology, chemical engineering, civil engineering, electrical engineering, food technology, general science, industrial chemistry, leather chemistry, mechanical engineering and metallurgy to enable students to remain continuously in employment related to their studies throughout the course. A part-time course was begun in applied psychology in 1955, leading to the award of the degree of Bachelor of Science in psychology.

In 1957 full-time and part-time courses leading to the award of the degree of Bachelor of Commerce and providing for specialization in accountancy, economics, statistics or applied psychology were begun; advanced courses in business administration were introduced. At the same time the full-time degree courses in textile technology and industrial engineering and hospital administration were also begun.

Although emphasis on science and technology remained a major objective, the University decided in 1958 that it should broaden its academic scope to include studies in the fields of humanities and medicine. Changes were made to the Act of Incorporation in 1958 and the name of the University changed to *The University of New South Wales*. Degree courses were begun in arts in 1960, in medicine in 1961, and in law in 1971; in 1977 higher degree and other courses in business and public administration were first offered by the recently established Australian Graduate School of Management.

The act incorporating the University gives the Council power to establish colleges and departments. Under these powers a college was established in 1951 at Newcastle (it became the independent University of Newcastle in 1965) and a college was established in 1962 at Wollongong (it became the University of Wollongong in 1975).

Under an agreement between the University and the Department of Defence, first entered into in 1967, a Faculty of Military Studies was set up within the Royal Military College at Duntroon in the Australian Capital Territory. Courses leading to the award of bachelor degrees of the University in arts, science, and engineering are taught by academic staff most of whom are employed by the University. The undergraduate students are cadets training to be army officers. Higher degree work and research are also undertaken. All costs are met by the Department of Defence.

In May 1981 the University and the Commonwealth of Australia entered into agreement whereby the University would establish within the ambit of the Australian Defence Force Academy and maintain in accordance with the provisions of the agreement a College of the University.

The University is governed by a council of forty-four members from the State Parliament, industry and commerce, agriculture, the trade unions, professional bodies, the staff, the students and the graduates of the University. The principal academic body is the Professorial Board which receives advice on academic matters from the faculties of applied science, architecture, arts, biological sciences, commerce, engineering, law, medicine, military studies, professional studies and science and the boards of studies. The faculties and boards are responsible for the teaching and examining of subjects within their scope and the Professorial Board co-ordinates and furthers the work of the faculties and boards.

The chief executive officer of the University is the Vice-Chancellor and Principal who is assisted by two Pro-Vice-Chancellors. The administrative work of the University is divided between the Registrar, the Bursar and the Property Manager. In addition to management duties each divisional head advises the Vice-Chancellor and Pro-Vice-Chancellors.

There are eleven full-time Deans (one for each faculty) who have considerable delegated authority in relation to the affairs of their faculties.

## Government

## Donations, Gifts and Bequests

Since its foundation in 1949 the University of New South Wales has played an important role in tertiary education and, through its teaching and research, has contributed to the prosperity and development of industry and commerce in New South Wales and indeed throughout Australia. The quality of community life of the individual has also been enhanced by its work in medicine, environmental studies, engineering, the sciences and the humanities. While it receives a large measure of support from governments, the University relies to a considerable extent on funds from other sources to maintain and expand its research and to provide facilities for students and, also, to give it that additional measure of independence and freedom so necessary for the continuation of research and teaching.

In this context, as in the past, the benefactions of far-sighted individuals and companies foster the University's independent advancement. For convenience a suggested form of bequest which may be used by an intending benefactor is set out below:

"I give to the University of New South Wales the sum of \$..... which I direct to be paid free from all duties thereon to the Vice-Chancellor of the said University and to be applied for the purposes of the University in such manner as the Council thereof may determine."

The University could also be nominated as a residuary beneficiary in the event that other beneficiaries predecease the testator/testatrix. Solicitors would assist drafting an appropriate will.

It is desirable that any request as to the application of a bequest be expressed in terms as general as possible unless, of course, previous consultation has taken place with a representative of the University. Otherwise the University may be hampered in carrying out the real intention of a testator by detailed directions which become unsuitable in some future conditions.

A bequest to the University frequently takes the form of shares and inscribed stock. It is suggested that intending benefactors may care to consider making the necessary legal arrangements to permit the University to invest in a wide range of securities, thus allowing the University to protect the bequest against monetary depreciation.

\*Any request or conditions which the testator may wish to be attached to the bequest may be added here.

This particular provision could be made in the following form:

'In addition to its express powers of investment, the University may invest moneys, the subject of this bequest, and any income earned thereon in shares, stocks, bonds, notes, debentures or other securities or obligations of any company which is listed on any Stock Exchange in Australia.'

A bequest to the University is at present exempt from the payment of death duty and estate duty.

Gifts (not being testamentary gifts) of the value of two dollars and upwards of money, or of property other than money which was purchased by the taxpayer within twelve months immediately preceding the making of the gifts, and made by the taxpayer in the year of income, are at present allowable taxation deductions under a provision of the Income Tax Assessment Act (Commonwealth).

**Death Duty and  
Estate Duty**

**Donations and Gifts —  
Taxation**

# The University of New South Wales

## Chancellor

The Hon. Mr Justice Gordon J. Samuels, MA *Oxf.*

## Deputy Chancellor

Jessica Ruth Milner Davis, BA PhD *N.S.W.*

## Vice-Chancellor and Principal

Professor Lindsay Michael Birt, CBE, BAgSc BSc PhD *Melb.*,  
DPhil *Oxf.*, Hon.DLitt *W'gong.*, FAIM

## Pro-Vice-Chancellors

Professor Athol Sprott Carrington, MCom *N.Z.*, FASA, FCA(NZ),  
CMANZ, FCIS

Professor Raymund Marshall Golding, MSc *Auck.*, PhD *Camb.*,  
FNZIC, FinstP, FRACI, FRSA

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## University Mace Bearer

Emeritus Professor John Spurgeon Ratcliffe, MSc PhD *N.S.W.*, ASTC,  
CEng, FIREE, FIEAust, FIChemE

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## The Council

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Pamela Edith Angus-Leppan, BSc *Witw.*, BCom *N.S.W.*, AASA (Senior),  
Lecturer, School of Accountancy

John Denis Baxter, BArch *N.S.W.*, Principal, J. Denis Baxter and  
Associates, Architects

Lindsay Michael Birt, CBE, BAgSc BSc PhD *Melb.*, DPhil *Oxf.*,  
Hon.DLitt *W'gong.*, FAIM, Vice-Chancellor and Principal

The Hon. Laurence John Brereton, MP, Minister for Health

Robert Francis Brian, BA *A.N.U.*, DipLib *N.S.W.*, ALAA, Law Librarian,  
University Library

Elizabeth Ann Butcher, Administrator, National Institute of Dramatic  
Art

Malcolm Chaikin, OBE, BSc PhD *Leeds*, DipEng *L.I.T.(Shanghai)*, FTI,  
FTS, Professor, School of Textile Technology

Richard Arthur Corin, BE *N.S.W.*, MIEAust, District Manager, Australian  
Telecommunications Commission

Kenneth Edward Cowley, Managing Director, News Limited

Frank Clement Crofts, BScAgr *Syd.*, MS *Oregon State*, FAIAS

Anthony Grant Crook, Student, Faculty of Arts

**Jessica Ruth Milner Davis**, BA PhD *N.S.W.*

**Therese Frances Mary Delanty**, MA *Syd.*, DipLib *N.S.W.*, ALAA, Research Officer, Department of Youth and Community Services

**George Giagios**, Student, Faculty of Law

**Vicki Giagios**, BA *N.S.W.*, Trade Union Organiser

**Alan David Gilbert**, MA *A.N.U.*, DPhil *Oxf.*, Professor, Department of History, Faculty of Military Studies

**Pamela Elizabeth Grant**, BA *Syd.*, DipSocSc *N.E.*, Director, NSW State Lotteries

**Heinz Richard Harant**, BE *N.S.W.*, ASTC, Senior Engineer, Australian Telecommunications Commission

**Francis Neil Harpley**, BA *Syd.*, Lecturer, School of Philosophy

**Lloyd John Hewett**, ASTC

**Donald Richmond Horne**, AO, Associate Professor, School of Political Science

**Sandra Humphrey**, BA MEd PhD *Syd.*, DipEd *N.E.*, Principal, East Sydney Technical College

**The Hon. Dorothy May Isaksen**, MLC

**Ruth Anne Jost**, Student, Faculty of Law

**Reginald John Lamble**, BSc *Syd.*, General Manager, NRMA Insurance Limited

**Murray John Liljeqvist**, Technical Officer, School of Chemical Engineering and Industrial Chemistry

**Alan Hamilton Loxton**, LLB *Syd.*, Solicitor, Allen, Allen and Hemsley

**Douglas MacRae McCallum**, BA *Syd.*, MA BPhil *Oxf.*, Professor, School of Political Science and Chairman of the Professorial Board

**David McLeish**, OAM, Secretary, Electrical Trades Union (NSW)

**Frances Lillian Milne**, Vice-Chairperson, Ethnic Communities Council of NSW

**Ian Francis Morrison**, BSc BE PhD *Syd.*, CEng, MIEAust, MIEE, MIEEE, Associate Professor, School of Electrical Engineering and Computer Science

**Gary Peter Norton**, BSc *Syd.*, MSc PhD *N.S.W.*, ARACI, Sub-Dean, Faculty of Science, NSW Institute of Technology

**Ronald Penny**, MD BS *Syd.*, DSc *N.S.W.*, FRACP, FRCPA, Associate Professor, Department of Immunology, St Vincent's Hospital

**The Hon. Gordon J. Samuels**, MA *Oxf.*, Judge of the Supreme Court of New South Wales

**Ivan Anthony Shearer**, LLM *Adel.*, FJD *Northwestern*, Professor of Law

**Philippa Judith Smith**, BEc *Syd.*, Economist/Policy Analyst, Australian Council of Social Service

**Ian James Somervaille**, BE PhD *N.S.W.*, ASTC, Senior Lecturer, School of Civil Engineering

**Adrienne Ruth Thompson**, MSc *Syd.*, PhD *N.S.W.*, Research Scientist

**Patricia Tomkins**, Solicitor

**Margaret Trask**, AM, BA *N.E.*, MLib *N.S.W.*, FLAA, Head, School of Library and Information Studies, Kuring-gai CAE

**Nanette Stacy Waddy**, MBE, MB BS *Syd.*, FRANZCP, Deputy Chairperson, Australian Consumers' Association

**Nicholas Richard Whitlam**, AB *Harv.*, MSc(Econ) *Lond.*, Managing Director, State Bank of New South Wales

**Kenneth Hudson Youdale**, DFC, LLB *Syd.*, Managing Director, Beverage Division, Amatil Ltd

**Ian Richard Way**, BE *Qld.*, MBA *N.S.W.*, FIEAust, Secretary to Council

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## Committees of Council

---

### Executive Committee

The Chancellor (Chairman)

The Deputy Chancellor

The Vice-Chancellor and Principal

Mr R. A. Corin

Mr F. N. Harpley

Mr G. Giagios

Mr R. J. Lamble

Mr A. H. Loxton

Professor D. M. McCallum

Dr N. Waddy

---

#### **Finance Sub-Committee of Executive Committee**

Mr A. H. Loxton (Chairman)  
The Deputy Chancellor  
The Vice-Chancellor and Principal  
Mr J. D. Baxter  
Mr R. J. Lambie  
Mr K. H. Youdale

---

#### **Personnel Sub-Committee of Executive Committee**

The Chancellor (Chairman)  
The Deputy Chancellor  
The Vice-Chancellor and Principal  
Mr K. E. Cowley  
Mrs P. E. Grant  
Mr N. R. Whitlam

---

#### **Buildings and Equipment Committee**

Mr R. J. Lambie (Chairman)  
The Vice-Chancellor and Principal  
Mrs P. E. Angus-Leppan  
Professor M. Chaikin  
Associate Professor F. C. Crofts  
Mr D. McLeish  
Associate Professor R. Penny  
Mr N. R. Whitlam

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#### **Fine Arts Committee of the Buildings and Equipment Committee**

The Vice-Chancellor and Principal  
Mr P. Koller (Property Manager)  
Mr R. Z. Langker (Executive Member)  
Mrs C. M. De Lorenzo (Department of General Studies)  
Ms D. Frater (Students' Union)

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#### **Academic Committee**

The Vice-Chancellor and Principal (Chairman)  
The Hon. L. J. Brereton  
Professor M. Chaikin  
Mr A. G. Crook  
Miss T. F. M. Delanty  
Miss V. Giagios  
Professor A. D. Gilbert  
Mr J. Lloyd Hewett  
Associate Professor D. R. Horne  
Dr S. Humphrey  
Mr M. J. Liljeqvist  
Professor D. M. McCallum  
Mrs F. L. Milne  
Associated Professor I. F. Morrison  
Dr G. P. Norton  
Dr I. J. Somervaille  
Mrs P. Tomkins  
Mrs M. Trask  
The Deans of the Faculties (not otherwise included)

---

#### **Public Relations Committee**

The Vice-Chancellor and Principal (Chairman)  
Mrs P. E. Angus-Leppan  
Mr K. E. Cowley  
Mr H. R. Harant  
Associate Professor R. Penny  
Dr A. R. Thompson  
Dr N. S. Waddy

---

#### **Student Affairs Committee**

Mr R. A. Corin (Chairman)  
The Vice-Chancellor and Principal  
Mr R. F. Brian  
Miss E. A. Butcher  
Dr J. R. Milner Davis  
Mr G. Giagios  
Mr H. R. Harant  
Dr S. Humphrey  
The Hon. D. M. Isaksen  
Miss R. A. Jost  
Professor D. M. McCallum  
Ms P. J. Smith  
Dr A. R. Thompson

---

#### **University Union Liaison Committee**

Mr R. A. Corin (Chairman)  
Dr J. R. Milner Davis (Vice-Chancellor's nominee)  
Professor M. Chaikin (nominee of Chairman, Buildings and Equipment Committee)  
Miss R. A. Jost (Student Member)  
Mr M. Waterworth (President, University Union)  
Ms L. Hilton (Vice-President, University Union)  
Mr B. C. Smith (Honorary Treasurer, University Union)  
Mr H. Serow (Warden, University Union)

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#### **Honorary Degrees Committee**

The Chancellor (Chairman)  
The Vice-Chancellor and Principal  
The Hon. L. J. Brereton  
Professor M. Chaikin  
Professor F. K. Crowley  
Professor D. M. McCallum  
Dr N. S. Waddy

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#### **Appeals Committee**

The Chancellor (Chairman)  
The Deputy Chancellor  
Member of Council nominated by association representing staff members or member of Council nominated by appellant students

## The Professorial Board

### Chairman

Professor D. M. McCallum

### Vice-Chairman

Professor D. J. Anderson

### Members Ex Officio

The Chancellor

The Deputy Chancellor

The Vice-Chancellor

The Registrar

### Members

*School/Division/Centre*

Professor M. W. Allen

*Electrical Engineering & Computer Science*

Professor D. J. Anderson

*Botany*

Professor P. V. Angus-Leppan

*Surveying*

Professor R. J. Ball

*Australian Graduate School of Management*

Professor R. J. Bearman

*Chemistry (Military Studies)*

Professor F. C. Beavis

*Applied Geology*

Professor B. D. Beddie

*Government (Military Studies)*

Professor G. Bennett

*Mechanical & Industrial Engineering*

Professor M. Bennett

*Obstetrics and Gynaecology*

Professor J. Beveridge

*Paediatrics*

Professor W. P. Birkett

*Accountancy*

Professor D. S. Black

*Chemistry*

Professor J. M. Blatt

*Mathematics*

Professor C. H. P. Brookes

*Accountancy*

Dr J. T. Brotherton

*Head, Spanish & Latin American Studies*

Professor G. Brown

*Mathematics*

Professor L. B. Brown

*Psychology*

Professor R. A. A. Bryant

*Mechanical & Industrial Engineering*

Professor V. T. Buchwald

*Mathematics*

Professor J. C. Burns

*Mathematics (Military Studies)*

Professor A. S. Carrington

*Accountancy*

Professor J. Caute

*Psychiatry*

Professor M. Chaikin

*Textile Technology*

Professor T. G. Chapman

*Civil Engineering*

Professor J. S. J. Chaussivert

*French*

Professor C. M. Chesterman

*Medicine*

Professor M. R. Chesterman

*Law*

Professor T. Cizova

*Vice-Chancellor's Unit*

Professor R. Clough

*Landscape Architecture*

Professor H. B. Collin

*Optometry*

Professor G. N. Cooper

*Microbiology*

Professor H. M. Cooper

*Education*

Professor K. R. Cox

*Medical Education*

Professor F. K. Crowley

*History*

Dr S. O. D'Alton

*Head, Social Work*

Professor E. C. Daniels

*Architecture*

Professor H. L. Davies

*Wool & Pastoral Sciences*

Professor L. W. Davies

*Electrical Engineering & Computer Science*

Associate Professor G. de Vahl Davis

*Head, Mechanical & Industrial Engineering*

Professor J. G. Davis

*Australian Graduate School of Management*

Professor T. J. Dawson

*Zoology*

Professor P. J. Derrick

*Chemistry*

Professor D. J. Drinkwater

*Education*

Professor R. K. Duggins

*Mechanical Engineering (Military Studies)*

Professor D. C. Dunphy

*Australian Graduate School of Management*

Professor R. A. N. Edwards

*Food Technology*

Professor S. Encel

*Sociology*

Professor F. J. Evans

*Electrical Engineering & Computer Science*

Associate Professor P. C. Farrell

*Director, Centre for Biomedical Engineering*

Professor C. J. D. Fell

*Chemical Engineering & Industrial Chemistry*

Professor P. T. Fink

*Mechanical & Industrial Engineering*

Professor M. R. Fisher

*Australian Graduate School of Management*

Professor R. T. Fowler

*Chemical Engineering & Industrial Chemistry*

Professor B. J. Garner  
*Geography*

Professor A. D. Gilbert  
*History (Military Studies)*

Professor V. X. Gledhill  
*Computer Science (Military Studies)*

Professor W. E. Glover  
*Physiology & Pharmacology*

Professor R. M. Golding  
*Chemistry*

Professor H. J. Goldsmid  
*Physics*

Professor G. J. S. Govett  
*Applied Geology*

Dr A. Graycar  
*Director, Social Welfare Research Centre*

Professor H. E. Green  
*Electrical and Electronic Engineering (Military Studies)*

Professor R. F. Hall  
*Department of General Studies*

Professor C. L. Hamblin  
*Philosophy*

Professor D. E. Harding  
*Law*

Professor J. C. Haskell  
*Graduate School of the Built Environment*

Professor A. M. Hasofer  
*Mathematics*

Professor M. H. Hatherley  
*Metallurgy*

Professor H. P. Heseltine  
*English (Military Studies)*

Professor J. R. Hewson  
*Economics*

Professor J. B. Hickie  
*Medicine*

Professor H. Hora  
*Physics*

Associate Professor D. R. Horne  
*Chairman, Faculty of Arts*

A. R. Horton  
*University Librarian*

Associate Professor D. T. Howell  
*Chairman, Faculty of Engineering*

Professor R. L. Huckstep  
*Surgery*

Professor A. A. Hukins  
*Education*

Associate Professor B. Hüppauf  
*Head, German Studies*

Dr J. E. Ingleson  
*Head, History*

Professor H. M. Irvine  
*Civil Engineering*

Dr A. J. B. Johnson  
*Head, English*

Professor R. Johnson  
*Spanish & Latin American Studies*

Professor R. J. Jordan  
*Drama*

Professor N. C. Kakwani  
*Economics*

Professor A. E. Karbowski  
*Electrical Engineering & Computer Science*

Professor W. E. Kasper  
*Economics (Military Studies)*

Professor M. C. Kemp  
*Economics*

Associate Professor J. P. Kennedy  
*Head, Wool & Pastoral Sciences*

Professor C. S. Kessler  
*Sociology*

Professor P. T. King  
*Political Science*

Professor J. W. Lance  
*Medicine*

Professor R. J. Lawrence  
*Social Work*

Professor R. A. Layton  
*Marketing*

Professor I. K. Lee  
*Civil Engineering*

Professor S. E. Livingstone  
*Chemistry*

Professor A. W. J. Lykke  
*Pathology*

Professor D. M. McCallum  
*Political Science*

Professor D. I. McCloskey  
*Physiology & Pharmacology*

Professor M. McManus  
*Economics*

Professor J. A. Mabbutt  
*Geography*

Professor K. C. Marshall  
*Microbiology*

Professor B. K. Martin  
*English*

Professor B. V. Milborrow  
*Biochemistry*

Professor J. R. Milfull  
*German Studies*

Professor R. Mitchell  
*Surgery*

Professor G. F. Murnaghan  
*Surgery*

Professor R. G. Nettheim  
*Law*

Professor J. W. Nevile  
*Economics*

Professor J. R. Niland  
*Economics*

Professor P. J. O'Farrell  
*History*

Professor W. J. O'Sullivan  
*Biochemistry*

Professor R. C. Olsson  
*Accountancy*

J. I. Owen  
*Director, Institute of Administration*

Professor P. L. B. Oxley  
*Mechanical & Industrial Engineering*

Professor G. R. Palmer  
*Health Administration*

Professor W. R. Pitney  
*Medicine*

Dr J. P. Powell  
*Director, Tertiary Education & Research Centre*

Professor N. W. Rees  
*Electrical Engineering & Computer Science*

Professor P. A. D. Rickard  
*Biotechnology*

Professor G. A. Rigby  
*Electrical Engineering & Computer Science*

Professor W. G. Rimmer  
*Economics*

Professor G. E. Roberts  
*Architecture*

Professor J. Ronayne  
*History & Philosophy of Science*

Professor F. W. D. Rost  
*Anatomy*

Professor F. F. Roxborough  
*Mining Engineering*

Professor J. L. Ryan  
*Accountancy*

Professor R. Sackville  
*Law*

Professor D. C. Sandeman  
*Zoology*

Professor J. S. Shannon  
*Chemistry*

Professor I. A. Shearer  
*Law*

Professor P. F. Sinnett  
*Community Medicine*

Professor J. Stringer  
*Australian Graduate School of Management*

Professor N. L. Svensson  
*Mechanical & Industrial Engineering*

Professor P. Swan  
*Australian Graduate School of Management*

Professor K. N. R. Taylor  
*Physics*

Professor B. G. Thom  
*Geography (Military Studies)*

Professor L. J. E. Thomas  
*Mining Engineering*

Professor E. O. P. Thompson  
*Biochemistry*

Professor J. J. Thompson  
*Nuclear Engineering*

Professor A. R. Toakley  
*Building*

Professor G. D. Tracy  
*Surgery*

Professor D. L. Trimm  
*Chemical Engineering & Industrial Chemistry*

Professor T. Vinson  
*Social Work*

Professor D. N. Wade  
*Physiology & Pharmacology*

Professor R. G. Walker  
*Accountancy*

Professor B. A. Warren  
*Pathology*

Professor I. W. Webster  
*Community Medicine*

Professor M. Weinstock  
*Librarianship*

Professor H. L. Westerman  
*Town Planning*

Professor A. J. Wicken  
*Microbiology*

Professor G. V. H. Wilson  
*Physics (Military Studies)*

Professor R. W. Woodhead  
*Civil Engineering*

Professor D. Yerbury  
*Australian Graduate School of Management*

Professor P. Yetton  
*Australian Graduate School of Management*

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## Committees of the Professorial Board

---

### Executive Committee

**Chairman**  
D. M. McCallum  
*Chairman of the Professorial Board and Professor of Political Science*

### Administrative Procedures Committee

**Chairman**  
D. M. McCallum  
*Professor of Political Science*

### Admissions Committee

**Chairman**  
The Registrar

### Computing Science Committee

**Chairman**  
C. H. P. Brookes  
*Professor of Information Systems*

### Continuing Education Committee

**Chairman**  
A. A. Hukins  
*Professor of Science Education*

### Library Committee

**Chairman**  
R. T. Fowler  
*Professor of Chemical Engineering*

### Matriculation Committee

**Chairman**  
D. M. McCallum  
*Professor of Political Science*

### Re-Enrolment Committee

**Chairman**  
R. A. Edwards  
*Professor of Food Technology*

### Research and Higher Awards Committee

**Chairman**  
I. A. Shearer  
*Professor of Law*

### Resources Allocation Advisory Committee

**Chairman**  
A. R. Horton  
*University Librarian*

## Staff

### Vice-Chancellor and Principal

Professor Lindsay Michael Birt, CBE, BAgSc BSc PhD *Melb.*,  
DPhil *Oxf.*, Hon.DLitt *W'gong.*, FAIM

### Pro-Vice-Chancellors

Professor Athol Sprott Carrington, MCom *N.Z.*, FASA, FCA(NZ),  
CMANZ, FCIS  
Professor R. M. Golding, MSc *Auck.*, PhD *Camb.*, FNZIC, FInstP,  
FRACI, FRSA

### Heads of Administrative Divisions

*Division of the Registrar:* Registrar: I. R. Way

*Division of the Bursar:* Bursar: T. J. Daly

*Property Division:* Property Manager: P. S. Koller

*Public Affairs Unit:* Adviser, Public Affairs and Head of Unit:  
Dr Peter Pockley

### Heads of Faculties and other Academic Units

*Faculty of Applied Science:* Dean: Professor M. Chaikin

*Faculty of Architecture:* Dean: Professor G. E. Roberts

*Faculty of Arts:* Dean: Professor J. Ronayne

*Faculty of Biological Sciences:* Dean: Professor E. O. P. Thompson

*Faculty of Commerce:* Dean: Professor J. W. Neville

*Faculty of Engineering:* Dean: Professor N. L. Svensson

*Faculty of Law:* Dean: Professor D. E. Harding

*Faculty of Medicine:* Dean: Professor W. R. Pitney

*Faculty of Military Studies (Royal Military College,  
Duntroon, ACT):* Dean: Professor G. V. H. Wilson

*Faculty of Professional Studies:* Dean: Professor A. A. Hukins

*Faculty of Science:* Dean: Professor V. T. Buchwald

*Australian Graduate School of Management:*

Director: Professor J. G. Davis

*Board of Studies in General Education:*

Acting Dean: Professor A. S. Carrington

*Board of Studies in Science and Mathematics:*

Dean: Professor E. O. P. Thompson

*Library:* University Librarian: A. R. Horton

# Faculty of Applied Science

*Comprises Schools of Applied Geology, Chemical Engineering and Industrial Chemistry, Food Technology, Geography, Metallurgy, Mining Engineering, Textile Technology, and Wool and Pastoral Sciences.*

## Dean

Professor M. Chaikin

## Chairman

Professor R. T. Fowler

## Executive Officer

John David Collins, BSc PhD *N.S.W.*, ATI

## Senior Administrative Officer

Robert Frederick Starr, ASTC

## Senior Project Officer

Desmond Rokfalussy, BE *Bud.*

## Professional Officers

Badan-Singh Deol, MSc *Punj'i.*, PhD *Syd.*

Endel Nomm, BA *Macq.*, MSc *N.S.W.*

## Electron Microscopist

Vivian Noel Edward Robinson, BSc PhD *W. Aust.*

## Officer-in-charge, Drawing Office

Max Renner

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## School of Applied Geology

---

### Professor of Geology and Head of School

Gerald James Spurgeon Govett, CEng, DSc *Wales*, PhD DIC *Lond.*, FIMM

### Professor of Engineering Geology

Francis Clifford Beavis, MA *Cant.*, BSc PhD *Melb.*

### Associate Professors

Philip Richard Evans, BA *Oxf.*, PhD *Brist.*, FGS

Laric Villier Hawkins, MSc *Syd.*, FGS

John Roberts, BSc *N.E.*, PhD *W. Aust.*

Bryce Leslie Wood, MSc DSc *Otago*, MAusIMM

### Senior Lecturers

Alberto Albani, DrGeolSc *Florence*, MSc PhD *N.S.W.*

Alan Norval Carter, BSc PhD *Melb.*, MSc *Adel.*

Bastiaan Jan Hensen, MSc *Ley.*, PhD *A.N.U.*

Michael Barry Katz, BS *Mich.T.U.*, MSc *McG.*, PhD *Tor.*

Michael John Knight, BSc PhD *Melb.*

Gerrit Neef, BSc *Lond.*, PhD *Well.*, FGS

Ittikhar Rasul Qureshi, MSc *Panj.*, PhD *Glas.*, FGS

Peter Cyril Rickwood, BSc *Lond.*, PhD *Cape T.*, CChem, FGS, MRIC

Geoffrey Robert Taylor, MSc *Birm.*, PhD *N.E.*, FGS, MIMM, AMAusIMM

### Lecturers

Chin Yoon Chork, BSc *Car.*, PhD *New Br.*

Alistair Chisholm Dunlop, BSc *N.E.*, PhD *Lond.*, DIC, MIMM

Robert James Whiteley, MSc *Syd.*

### Tutor

Leonie Ann Campbell, BSc *W'gong.*, DipT *Kuring-gai C.A.E.*

### Honorary Associate

Stephen Scott Webster, MSc *Syd.*, MSEG, MASEG, MEAEG

### Senior Administrative Officer

Graham John Baldwin, BA *A.N.U.*

### Professional Officers

Peter Richard Atherden, BSc *N.S.W.*, MSc *Macq.*

Frederick Ivor Roberts, BSc *N.S.W.*, PhD *W'gong.*, AMAusIMM

Stephen James Clifford Smith, BAppSc *N.S.W.I.T.*

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## School of Chemical Engineering and Industrial Chemistry

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### Professor of Chemical Technology and Head of School

David Lawrence Trimm, BSc PhD *Exe.*, DIC *Lond.*, CEng, FRACI, MIChemE

### Professor of Chemical Engineering and Director of Undergraduate Studies

Christopher Joseph Dalzell Fell, BSc *N.S.W.*, PhD *Camb.*, CEng, FIChemE, MIEAust, MAmerIChE

### Professor of Chemical Engineering and Director of Graduate Studies

Robert Thomas Fowler, BSc *Wales*, PhD *Lond.*, DScEng *Syd.*, CEng, FIEAust, FIChemE, FInstF, FAIE, MIM, ARIC

### Associate Professors

Ian Dracup Doig, BSc(Eng) *Lond.*, PhD *N.S.W.*, CEng, MIMechE, MIChemE

John Kingsford Haken, MSc PhD *N.S.W.*, ASTC, FRACI

Robert George Robins, MSc PhD *N.S.W.*, MAmerIChE, ARACI, AMAusIMM

Geoffrey David Sergeant, BSc PhD *Wales*, CEng, FInstF, FAIE

Mark Sebastian Wainwright, MAppSc *Adel.*, PhD *McM.*, MAmerIChE, ARACI

### Senior Lecturers

Denis Barrett, MSc *Leeds*, PhD *N.S.W.*, CEng, FInstF, FAIE

Kenneth Spencer Basden, BSc PhD *N.S.W.*, ASTC, CEng, FInstF, FAIE, MIEAust, ARACI, AMAusIMM

Michael Paul Brungs, BSc PhD *N.S.W.*

John Buchanan, ME *Syd.*, PhD *N.S.W.*

Robert Paul Burford, BSc PhD *Adel.*, MPRI, MAmerIChE, ARACI

Rodney Phillip Chaplin, BSc PhD *Adel.*, ARACI

Douglas Christopher Dixon, BE MEngSc *Syd.*, PhD *N.S.W.*, MIEAust, MAmerIChE

Anthony Gordon Fane, BSc PhD *Lond.*, CEng, MIChemE

Robert James Hall, BSc PhD *N.S.W.*

Peter Munro Linklater, RDA, BAgSc *Adel.*, MAgSc *N.Z.*, PhD *Wis.*

Barry George Madden, BSc PhD *N.S.W.*, ASTC, FIREEAust

Val Wolf Pinczewski, BE *N'cle.(N.S.W.)*, PhD *N.S.W.*, CEng, MIChemE

Phillip Souter, MSc *Syd.*, ARACI

Robert Marsden Wood, BSc *Leeds*, PhD *Camb.*, CEng, FAIPet, MIChemE

David John Young, BSc PhD *Melb.*, ARACI

### Lecturers

Maria Skyllas Kazacos, BSc PhD *N.S.W.*, ARACI, MES

John Frank Stubington, BE *Qld.*, PhD *Camb.*, CEng, MIChemE, MAIE

### Honorary Associate

Gregory Joseph Lynch, ASTC, FAIE, FAIP, MIDA

### Senior Administrative Officer

John Robin Gatenby, ASTC

### Professional Officers

Robert Edmund Brand, BSc BE *N.S.W.*, ASTC, ARACI

Orest Dworjany, MSc *N.S.W.*, ASTC, ARACI

David John Kelly, BSc BE *Syd.*

Cyril Leslie Samways, BSc *Syd.*, MSc *N.S.W.*

Johannes Peter Smits, BSc(Tech) MSc *N.S.W.*, CEng, FInstF, MAIE

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## Department of Biological Process Engineering

### Head

Dr R. J. Hall

---

## Department of Fuel Technology

### Head

Associate Professor G. D. Sergeant

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## Department of Industrial Chemistry

### Head

Dr R. P. Chaplin

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## Department of Polymer Science

### Head

Associate Professor J. K. Haken

---

## School of Food Technology

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### Professor of Food Technology and Head of School

Ronald Alexander Edwards, BSc PhD *N.S.W.*, ASTC, FAIFST

### Associate Professors

Kenneth Alan Buckle, BSc PhD *N.S.W.*, FAIFST, AFCIA

Ronald Baden Howe Wills, BSc *N.S.W.*, PhD *Macq.*, ASTC, AAFST

#### Senior Lecturers

Ronald Graham Bowrey, BE PhD *N.S.W.*, AAFST  
 Graham Harold Fleet, MSc *Qld.*, PhD *Calif.*, AAFST  
 Heather Greenfield, BSc PhD *Lond.*, AAFST  
 Michael Wootton, BSc PhD *N.S.W.*, AAFST, ARACI, MAGI

#### Lecturers

Michael Scott Kearney, BE MSc *N.S.W.*  
 John James Miller, MSc *N.S.W.*  
 Frances Maud Scriven, BSc PhD *N.S.W.*

#### Tutors

Richard Alexander Souness, BAppSc *N.S.W.I.T.*,  
 MAppSc GradDip *N.S.W.*, AAFST  
 Carol Anne Spier, BSc *N.S.W.*

#### Administrative Officer

Richard John Greenwood, BA *N.S.W.*

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Maxwell Robert Bell, BSc MAppSc *N.S.W.*, ASTC  
 Annesley Jean Watson, BSc *N.S.W.*, AAFST  
 Choi Ted Wong, BSc *N.S.W.*

## School of Geography

#### Professor of Geography and Head of School

Barry Jardine Garner, BA *Nott.*, MA PhD *Northwestern*

#### Professor of Geography

Jack Alan Mabbutt, MA *Camb.*

#### Senior Lecturers

Frederick Charles Bell, BSc *Syd.*, MSc PhD *N.S.W.*, MSocSigmaXi  
 Ian Harry Burnley, MA *Cant.*, PhD *Well.*  
 John Richard Dodson, MSc *Monash*, PhD *A.N.U.*  
 Michael Dick Melville, BScAgr PhD *Syd.*  
 Morgan Eugene Cyril Sant, BA *Keele*, MSc PhD *Lond.*  
 Hans Joachim Schneider, Geog *Chil. State*, DU *Bordeaux*  
 Anthony Shepherd, MA *Oxf.*  
 Peter Leon Simons, BA PhD *Syd.*  
 Susanne Rae Walker, MA *Well.*, DPhil *Oxf.*  
 Donald John Webb, BA DipEd *Melb.*, MPhil *Lond.*, PhD *N.S.W.*

#### Lecturers

Colin John Chartres, BSc *Brist.*, PhD *R'dg.*  
 Colin Frederick Pain, MA *Auck.*, PhD *A.N.U.*

#### Senior Tutor

Noel Galvin Lonergan, BA DipEd *N.E.*

#### Tutors

Christine Robyn Bradley, BA DipEd *N.S.W.*  
 Graham William Turner, BSc *N.S.W.*  
 Alan Kenneth York, BSc *N.S.W.*

#### Administrative Assistant

Philip Brian Dunkley, BA DipEd *N.S.W.*

## School of Metallurgy

#### Head of School

Vacant

#### Professor of Metallurgy

Vacant

#### Senior Project Scientist

Anthony Samuel Malin, MSc PhD *N.S.W.*, CEng, MIM

#### Professional Officers

Bernard James Baggaley, MSc *N.S.W.*, DipCer *N.Staffs Poly*  
 Ulo Joasoo, MSc *N.S.W.*, ASTC, AMAusIMM  
 Frederick Henry Scott, BSc *N.S.W.*, MAIP  
 John Walton Sharp, BSc(Tech) *N.S.W.*  
 John Armitage Taylor, ASTC, FAISS, MIEAust, AMAusIMM

#### Honorary Associate

Bernhard John Frederick Ralph, BSc *Tas.*, PhD *Liv.*, FRACI, FTS

## Department of Ceramic Engineering

#### Associate Professor

Eric Robert McCartney, BSc *Syd.*, PhD *N.S.W.*, FICeram, MIEAust, ARACI

#### Lecturer

Sviatoslav Antonovich Prokopovich, MSc *N.S.W.*, ASTC, MIEAust

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## Department of Chemical and Process Metallurgy

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### Senior Lecturers

Sidney Blairs, BSc PhD *Manc.*  
Bruce Harris, BSc *Syd.*, MSc *N.S.W.*, AMAusIMM  
Alan Philip Prosser, BSc PhD DIC *Lond.*, ARCS, ARACI, AMAusIMM  
David Ronald Young, BSc(Eng), PhD *Lond.*, ARSM, AMAusIMM

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## Department of Materials

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### Senior Lecturer

Keith Robin Lee Thompson, BSc *Wales*, PhD *N.S.W.*, CEng, MIM

### Lecturer

Peter Krauklis, BSc PhD *N.S.W.*, CEng, MIM

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## Department of Physical and Industrial Metallurgy

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### Associate Professors

David John Haviland Corderoy, BSc *N.S.W.*, PhD *Sheff.*, CEng, FIM, MWeld(I*Lond.*), MIEAust, MAusIMM  
Greig Richard Wallwork, PhD DSc *N.S.W.*, ASTC, CEng, FIM

### Senior Lecturers

Peter George McDougall, BSc PhD *N.S.W.*, ASTC, CEng, MIM  
Michael Bernard McGirr, BSc *Syd.*, PhD *N.S.W.*  
Roy Thomas Southin, PhD *Camb.*, CEng, FIM, MIBF

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## School of Mining Engineering

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### Professor of Mining Engineering and Head of School

Frank Ferdinand Roxborough, BSc PhD *Durh.*, CEng, FIEAust, FIMinE, FIMM, MAusIMM

### Professor

Leon John Thomas, BSc PhD *Birm.*, CEng, FIEAust, FIMinE, MAusIMM

### Administrative Assistant

Richard Rolls, BA *Macq.*

### Professional Officers

Christopher Raymond Daly, BE MSc(Acoustics) *N.S.W.*  
Kenneth James Murray, BSc *Syd.*, MSc *N.S.W.*, AMAusIMM  
David Leslie Price, DipCE BE *Melb.*, MSc *N'cle.(U.K.)*, MIEAust  
Joseph Arthur Shonhardt, BSc(Tech) MSc *N.S.W.*, AIM, AMAusIMM

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## Department of Mining Engineering

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### Senior Lecturers

Amal Krishna Bhattacharyya, BSc *Glas.*, MSc *Durh.*, PhD *N'cle.(U.K.)*, CEng, PEng, MIMinE, MCIMM, MAIME, MAusIMM  
Ross Leslie Blackwood, BE *Syd.*, PhD *Macq.*, MAIE, MAusIMM, MIEAust  
Huw Ronald Phillips, BSc *Brist.*, MSc PhD *N'cle.(U.K.)*, CEng, MIMinE, MIEE, MAIME  
Edward George Thomas, BE PhD *Qld.*, MAusIMM, MAIME, MCIMM  
Venkata Satyanarayana Vutukuri, BSc(Eng) *Ban.*, MS *Wis.*, MMGI, AIME, AMAusIMM

### Lecturers

Victor Rudenno, BE MCom PhD *N.S.W.*, MIEAust, MAIME, AMAusIMM  
Gour Chand Sen, MSc *Wales*, PhD *Durh.*, CEng, FIEpE, MIMinE

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## Department of Mineral Processing

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### Associate Professor and Head of Department

Russell George Burdon, ME PhD *N.S.W.*, CEng, FinStE, FAIE, MIMM, MAIME, ASASM, AMAusIMM

### Senior Lecturer

Barenja Kumar Banerji, MSc *Patna*, PhD *Leeds*, MAusIMM

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## School of Textile Technology

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### Professor of Textile Technology and Head of School

Malcolm Chaikin, OBE, BSc PhD *Leeds*, DipEng *L.I.T.(Shanghai)*, FTI, FTS

### Associate Professors

Colin Herbert Nicholls, BSc *Adel.*, PhD *Leeds*, FRACI, FTI  
Ronald Postle, BSc *N.S.W.*, PhD *Leeds*, FTI, FAIP

### Senior Lecturers

Ross Ernest Griffith, BSc *N.S.W.*, PhD *Leeds*, ATI  
Thomas Stanislaus Hickie, BSc PhD *N.S.W.*, ASTC  
Mstislav Stephen Nossar, DipIng *Harbin*, PhD *N.S.W.*, FIEAust  
Michael Thomas Pailthorpe, BSc PhD *N.S.W.*

### Lecturer

Nigel Anthony Gull Johnson, BSc *N.S.W.*, PhD *Leeds*, ATI

#### Professional Officers

Jindrich Vavrinec Brancik, MSc *Brno*, PhD *N.S.W.*  
Barry William Edenborough, BE PhD *N.S.W.*  
Michael David Young, BSc PhD *N.S.W.*, ATI  
Oto Zubzanda, DiplIng *T.U. Bratislava*, PhD *N.S.W.*

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## School of Wool and Pastoral Sciences

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#### Associate Professor and Head of School

John Patrick Kennedy, MSc *N.S.W.*, BSc *Oxf.*, MAIAS

#### Professor of Pastoral Sciences

Haydn Lloyd Davies, PhD *W.Aust.*, BSc *Wales*, MAIAS

#### Associate Professors

John William James, BA *Qld.*, DSc *N.S.W.*  
Walter Ragnhall McManus, BScAgr *Syd.*, PhD *N.S.W.*  
Euan Maurice Roberts, MAgrSc *N.Z.*, PhD *N.S.W.*

#### Senior Lecturers

Stephen James Filan, BAgrEc *N.E.*, MSc *N.S.W.*  
John Douglas McFarlane, BScAgr DipEd *Syd.*, MSc *N.S.W.*, MAIAS  
Douglas McPherson Murray, BAgrSc PhD *Melb.*, MRurSc *N.E.*  
Archibald Niven Sinclair, MVSc *Syd.*, FRCVS, FACBS, FACVS

#### Lecturer

Dennis Charles Teasdale, BSc MBA *N.S.W.*

#### Senior Instructor

Ronald Edward Sallaway

#### Administrative Officer

John Edward Lawrence

#### Professional Officer

Ian Rowden McRae, BSc (Forestry) *A.N.U.*

## Faculty of Architecture

*Comprises School of Architecture, including Department of Industrial Arts; Schools of Building, Landscape Architecture, Town Planning; and Graduate School of the Built Environment.*

#### Dean

Professor G. E. Roberts

#### Chairman

Professor E. C. Daniels

#### Executive Assistant

P. A. Johnson

#### Senior Administrative Officer

Brian John Newell, BCom *N.S.W.*

#### Professional Officers

Terrence Edward Gill, BE *N.S.W.*  
Roderick Craig McGregor, BSc *N.S.W.*  
Richard Rosenberger, BE *Timisoara*

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## School of Architecture

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#### Professor of Architecture and Head of School

Eric Charles Daniels, MArch *N.S.W.*, ASTC, LFRAIA, Hon.MIES

## Professor of Architecture

Vacant

## Professor of Architecture

Gareth Edward Roberts, BArch MCD *Liv*, LFRAIA, FRAPI, MRTPI, ARIBA

## Associate Professors

Richard Eric Apperly, BArch Syd., MArch *N.S.W.*  
Russell Callam Jack, MArch *N.S.W.*, ASTC, FRAIA  
Laszlo Peter Kollar, MArch PhD *N.S.W.*, ASTC, FRAIA  
Peter Thomas Oppenheim, BArch *Cape T.*, MArch PhD *N.S.W.*, ARIBA  
Kenneth James Wyatt, BE *Qld.*, MBdgSc Syd., MIEAust

## Senior Administrative Officer

Randall Watkins, DipTech *N.S.W.I.T.*

## Senior Lecturers

John Albyn Ballinger, BArch *Adel.*, FRAIA  
Paul Alan Johnson, BArch Syd., DipCD *N.S.W.*, FRAIA  
Nicholas Marinov, DipArch *Prague*, MArch *N.S.W.*, ARAIA  
Peter Leggett Reynolds, BArch PhD *N.S.W.*  
Nancy Claire Ruck, BArch *N.Z.*, MBdgSc Syd., PhD *N.S.W.*, FIES, FRAIA, ANZIA  
Vinzenc Franz-Josef Sedlak, DiplIngArch *T.U. Graz*, MPhil *Sur.*  
Clive William Stevens, MArch *N.S.W.*, MSc *Sur.*, DipTCP Syd., ASTC  
Barry Vivian Wollaston, BArch Syd., MArch *N.S.W.*, FRAIA

## Lecturers

Chris LeRoy Bell, BA(Arch) *Calif.*  
Victor Martin Berk, BArch DipAdmin *N.S.W.*  
Robert John Bryant, BArch *N.S.W.*, MTCP Syd., ASTC, DipEnvStud *Macq.*, MRAPI, ARAIA  
John Richard Cooke, BArch Syd., MSc(Building) *N.S.W.*, ARAIA  
Geoffrey Lindsay Dwyer, FRAIA  
Richard Grantley Fitzhardinge, DipArch *Kingston on Thames Poly.*, MArch *Calif.*, ARIBA, ARAIA  
John Barrie Fraser, DipArt(Ed)  
Bruce Herbert Judd, BArch PhD Syd., ARAIA  
Geoffrey Kenneth Le Sueur, BArch GradDip *N.S.W.*, ARAIA  
Alan Ogg, BE *N.S.W.*, MArch *Penn.*  
Richard Patrick Parlour, BSc *Lond.*, PhD *N.S.W.*, DipEng *Lough.*  
James David Plume, MArch Syd.  
Peter Reginald Proudfoot, BArch Syd., MArch *Penn.*, PhD *N.S.W.*, Rome Scholar, ARAIA  
Harry Anthony Stephens, BArch DipLD *N.S.W.*, FRAIA  
Kwong Hon Tang, BArch *H.K.*, MArch *Melb.*

## Senior Tutors

Marion Anne Burgess, BSc Syd., MSc(Acoustics) *N.S.W.*, MAAS  
Elizabeth Ann Howard, BArch Syd., BA *Macq.*  
Paul Edward Walsh, BArch *N.S.W.*

## Tutors

Desley Olwyn Luscombe, BSc(Arch) BArch *N.S.W.*  
Michael Charles Tawa, BArch *N.S.W.*

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## Department of Industrial Arts

### Senior Lecturer and Acting Head of Department

William Richard Lawson, BSc PhD *N.S.W.*, MAPsS, MAIHR

### Senior Lecturer

Donald McArthur Godden, MSc *N.S.W.*

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## School of Building

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### Professor of Building and Head of School

Arthur Raymond Toakley, BCE BA MEngSc *Melb.*, PhD *Manc.*, CEng, FIEAust, FAIB, FFB

### Associate Professor

Roger Mark Anthony Miller, BBuild *N.S.W.*, SM CE *M.I.T.*, MAIB

### Senior Lecturers

David Nevil Hume Hassall, BE MBdgSc Syd., MIEAust  
John Malcolm Hutcheson, MC, BE Syd., BCom *Qld.*, MBA PhD *N.S.W.*, FIEAust, FID, FIARbA, AAUQ, LGE, AASA(Snr), FAIB, AFAM, ACIS  
Graham Edward Levido, BBuild MSc(Building) *N.S.W.*, MAIB  
Martin Marosszeky, BE *N'cle.(N.S.W.)*, MEngSc *N.S.W.*, MIEAust  
James Francis Mooney, MBuild *N.S.W.*, ASTC, FAIQS, FIARbA

### Lecturers

Ojars Indulis Greste, ME *N.S.W.*, DEng *Calif.*  
Bruce Hedford Hawkins, BE *W.Aust.*  
Karl Goran Runeson, BA *N.S.W.*  
Clyde Donald Smythe, MBuild *N.S.W.*, ASTC, MAIB  
Thomas Edward Uher, BBuild MSc(Building) *N.S.W.*, MAIB

### Administrative Assistant

Diana Kazemi

---

## School of Landscape Architecture

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**Professor of Landscape Architecture and Head of School**

Richard Clough, BArch *Syd.*, FLI, FAILA, FRAIPR

**Associate Professor**

Finn Christopher Thorvaldson, BArch *N.S.W.*, MLA *Mich.*, ARAIA, AAILA

**Senior Lecturer**

Sydney Allison Baggs, MArch DipLD PhD *N.S.W.*, ASTC, FRAIA, AAILA, ARIBA

**Lecturers**

Helen Beatrice Armstrong, BSc *Syd.*, GradDip *N.S.W.*  
Craig Anthony Burton, BArch GradDip *N.S.W.*, MA *Syd.*, ARAIA  
Douglas Crawford, BArch *Melb.*, GradDip *N.S.W.*, MRAIPR  
Donald Guy Sigsby, MLA *Mich.*, AAILA

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## School of Town Planning

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**Professor of Town Planning and Head of School**

Hans Leo Westerman, ME *Delft*, FRAP, MIEAust

**Associate Professor**

Elias David Duek-Cohen, MA *Oxf.*, BArch *Liv.*, DipTP *Lond.*, FRAP, MRTPI, ARIBA

**Senior Lecturers**

Stephen Harris, BTP *N.S.W.*, MRAPI  
James Leslie King, BArch MTCP *Syd.*, FRAP  
Zula Nittim, BArch *Melb.*, DipCD PhD *N.S.W.*, FRAIA MRAPI  
Robert Bolles Zehner, BA *Amh.*, MA PhD *Mich.*

**Lecturers**

Peter Ashton Murphy, BA *Syd.*, PhD *Macq.*  
Danny Barry Wiggins, BTP PhD *N.S.W.*, MRAPI

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## Graduate School of the Built Environment

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**Professor of Architecture and Head of School**

John Christopher Haskell, DipTP *Lond.*, MArch *Natal*, Rome Scholar, FRSA

**Associate Professor**

Anita Barbara Lawrence, MArch *N.S.W.*, FRAIA, MAAS

**Senior Lecturers**

Robert Charles Lewis Irving, MArch *N.S.W.*, ARMT, FRAIA  
John Kyle Redmond, MA *R.C.A.*, BA *C.S.A.D.*, FRSA, AIDIA

#### Senior Lecturers

Peter Rene Gerdes, PhD *Basle*  
John Duncan Golder, BA *Rdg.*, MA PhD *Brist.*  
Philip Edward Parsons, BA *W.Aust.*, MA PhD *Camb.*  
Margaret Anne Williams, BA *Melb.*, PhD *Monash*

#### Lecturer

Maria Kreisler, BA *N.S.W.*, PhD *N.E.*

#### Tutors

William Hewitt Farrimond, MA *Copenhagen*  
Barry James O'Connor, BA DipEd *Syd.*, MA *Tor.*, MACE

## Faculty of Arts

*Comprises Schools of Drama, English, French, German Studies, History, History and Philosophy of Science; Department of Music; Schools of Philosophy, Political Science, Sociology; Department of Russian, and School of Spanish and Latin American Studies.*

#### Dean

Professor J. Ronayne

#### Chairman

Associate Professor D. R. Horne

#### Professor of Russian

Tatjana Cizova, BA *Syd.* and *Lond.*, DiplSlavStudies *Oxf.*

#### Administrative Assistant

Sheena Mary Wiard, MA *Edin.*

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## School of Drama

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#### Professor of Drama

Robert John Jordan, MA *Qld.*, PhD *Lond.*

#### Associate Professor

Victor Eugene Emeljanow, MA *N.Z.*, PhD *Stan.*

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## School of English

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#### Senior Lecturer and Head of School

Anthony John Bruce Johnson, MA *Adel.*, PhD *Lond.*, DipT *Adel.T.C.*

#### Professor of English

Bernard Kilgour Martin, MA *N.Z.*, MLitt *Camb.*

#### Professor of English

Vacant

#### Senior Lecturers

Peter Fraser Alexander, BA *Witw.*, MA *Leeds*, PhD *Camb.*  
James Michael Allen, BA *Witw.* and *Oxf.*  
Mary Elizabeth Chan, MA *Well.*, PhD *Camb.*, LTCL  
Roslynn Doris Haynes, BSc *Syd.*, MA *Tas.*, PhD *Leic.*  
Richard Elton Raymond Madelaine, BA *Adel.*, PhD *Lond.*

#### Lecturers

Eleanore Margaret Bradstock, BA DipEd *Syd.*, MA *Macq.*  
Peter Craig Collins, MA *Syd.*, DipEd *N.E.*  
Robyn Suzanne Heales, MA *Qld.*, PhD *Birm.*  
Louise Moira Miller, BA PhD *N.S.W.*  
Janet Christine Walker, MA *Syd.*

#### Honorary Visiting Fellow

Christine Anne Alexander, MA *Cant.*, PhD *Camb.*

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## School of French

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### Professor of French and Head of School

Jean Stephane Jacques Roger Henri Chaussivert, *LèsL Paris, MèsL Poitiers*

### Senior Lecturers

Alan Lawrence Chamberlain, *BA DipEd Syd., DU Paris*  
 Michael John Freyne, *MA N.Z., LèsL Dipl'd'EtPrat(Phon) Paris, DèSL Paris-Sorbonne*  
 Anthony Stewart Newman, *BA DipEd Syd., DU Besançon*

### Lecturers

Maurice John Blackman, *BA Syd., PhD N.S.W.*  
 Emmeline Marie Josette Boothroyd, *BA Syd., PhD N.S.W.*  
 Anne Marie Nisbet, *MèsL LèsL Toulouse, MA N.Y. State, PhD N.S.W.*  
 Elizabeth Temple, *BA N.S.W., DipEd N'cle. (N.S.W.), MèsL Poitiers*

### Tutors

Jacqueline Marie Hélène Gaillard, *MèsL Lyon, Dipl de didactique des langues Paris*  
 Michelle Royer, *BA MèsL Paris*  
 Bernadette Viguiet, *MèsL Nice*

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## School of German Studies

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### Associate Professor and Head of School

Bernd Rüdiger Hüppauf, *DrPhil Tübingen*

### Professor of German

John Rowland Milfull, *BA PhD Syd.*

### Associate Professor

Konrad Gottlieb Kwiet, *DrPhil habil FU Berlin*

### Senior Lecturers

Gerhard Fischer, *MA PhD N.Y. State*  
 Olaf Günter Reinhardt, *BA PhD Syd.*  
 Harry Leonard Simmons, *BA W.Aust., PhD A.N.U.*

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## School of History

---

### Senior Lecturer and Head of School

John Edward Ingleson, *MA W.Aust., PhD Monash*

### Professors of History

Frank Keble Crowley, *MA PhD Melb., DPhil Oxf., FAHA*  
 Patrick James O'Farrell, *MA N.Z., PhD A.N.U., FAHA*

### Associate Professors

Beverley Rhonda Kingston, *BA Qld., PhD Monash*  
 Michael Naylor Pearson, *MA Auck., PhD Mich.*

### Senior Lecturers

Ian James Bickerton, *BA Adel., MA Kansas, PhD Claremont*  
 Ian Donald Black, *BA Adel., PhD A.N.U.*  
 Richard Ian Cashman, *BA Syd., MA Monash, PhD Duke*  
 Philip Sidney Edwards, *BA Lond., PhD Camb.*  
 Frank Farrell, *BA A.N.U., DipEd Canberra C.A.E., PhD A.N.U.*  
 Martyn Andrew Lyons, *BA DPhil Oxf.*  
 Alfred William McCoy, *BA Col., MA Calif., PhD Yale*  
 Michael Matthew McKernan, *BA PhD A.N.U.*  
 Jürgen Tampke, *BA Macq., PhD A.N.U.*  
 Ian Robert Tyrrell, *BA Qld., MA PhD Duke*  
 David Robert Walker, *BA Adel., PhD A.N.U.*

### Lecturers

Maxwell Vernon Harcourt, *MA W.Aust., PhD Sus.*  
 Kui-Kwong Shum, *BA MPhil H.K., PhD A.N.U.*

### Senior Tutor

Sandra Joy Blair, *BA DipEd N.E.*

### Tutors

Mark John Celsus Finnane, *BA N.S.W., PhD A.N.U.*  
 John Gascoigne, *BA Syd., MA Prin., PhD Camb.*  
 David Peter Rollison, *BA PhD N.S.W., DipEd Syd.*

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## School of History and Philosophy of Science

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### Professor of History and Philosophy of Science and Head of School

Jarlath Ronayne, *MA Dub., PhD Camb.*

### Professor of History and Philosophy of Science

Vacant

**Associate Professor**

William Randall Albury, BA PhD *Johns H.*

**Senior Lecturers**

William Hilton Leatherdale, BA *Melb.*, PhD *N.S.W.*

David Roger Oldroyd, MA *Camb.*, MSc *Lond.*, PhD *N.S.W.*

**Lecturers**

George Herbert Bindon, *SirG.Wms.*, MPA *Qu.*

Guy Allard Freeland, BA PhD *Brist.*, CertHist&PhilosSci *Camb.*

David Philip Miller, BSc *Manc.*, MA PhD *Penn.*

**Senior Tutor**

Nessy Allen, BA DipEd *N.S.W.*

**Tutors**

John Carey Forge, BA *C'nell.*, DipEd *McG.*, MA PhD *Lond.*

Peter Slezak, BA *N.S.W.* MPhil *Col.*

**Honorary Visiting Fellow**

Robert Mortimer Gascoigne, MSc *Syd.*, PhD *Liv.*

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## Department of Music

---

**Associate Professor and Head of Department**

Roger David Covell, BA *Qld.*, PhD *N.S.W.*, FAHA

**Senior Lecturer**

Patricia Anne Brown, MA *Qld.*, DipLib *N.S.W.*

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## School of Philosophy

---

**Professor of Philosophy and Head of School**

Charles Leonard Hamblin, BSc MA *Melb.*, PhD *Lond.*

**Senior Lecturers**

Stephen Cohen, AB *Brandeis*, MA PhD *Chic.*

Peter Cornwallis Gibbons, BA *Syd.*, BPhil *Oxf.*

Raymond Steven Walters, MA *Syd.*

**Lecturers**

Francis Neil Harpley, BA *Syd.*

Barbara Anne Roxon, BA *Syd.*

---

## School of Political Science

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**Professor of Political Science and Head of School**

Douglas MacRae McCallum, BA *Syd.*, MA BPhil *Oxf.*

**Professor of Political Science**

Preston King, BA *Fisk, Tennessee*, MSc PhD *L.S.E.*

**Associate Professors**

Owen Harries, BA *Wales*, MA *Oxf.*

Donald Richmond Horne, AO

**Senior Lecturers**

Adrian Man-Cheong Chan, BA *Syd.*, PhD *A.N.U.*

Conal Stratford Condren, MSc(Econ) PhD *Lond.*

Frederick Alexander Mediansky, BA *San Francisco*, PhD *Syd.*

Anthony Creedon Palfreeman, LèsScPol *Geneva*, MA *A.N.U.*

John Barrington Paul, MA *Melb.*

George Shipp, MEd *Syd.*

Elaine Vera Thompson, BEc PhD *Syd.*

**Lecturers**

Sailesh Chandra Ghosh, BA *Dacca*, MA *Calc.*,

MSocSc *Inst.Soc.Stud., The Hague*, PhD *Manc.*

**Tutor**

Sean Regan, MA *Oxf.*, BPhil *Liv.*

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## Department of Russian

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**Lecturer and Head of Department**

Barry Edward Lewis, BA MPhil *Leeds*

**Senior Lecturer**

Michael Ulman, Diplom *Leningrad State*

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## School of Sociology

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**Senior Lecturer and Head of School**

Stephen Oliver D'Alton, MEd *Syd.*, PhD *N.S.W.*

**Professors of Sociology**

Solomon Encel, MA PhD *Melb.*

Clive Samuel Kessler, BA *Syd.*, PhD *Lond.*

#### Associate Professors

Lois Joyce Bryson, BA DipSocStud DipEd *Melb.*, PhD *Monash*  
Grant Edwin McCall, BA *Calif.* and *San Francisco*, BLitt *Oxf.*,  
PhD *A.N.U.*

#### Senior Lecturers

Alexander Kondos, BA *W.Aust.*, PhD *N.S.W.*  
Frances Hewlett Lovejoy, BSc BCom *Qld.*, MAgEc *N.E.*  
Michael Pusey, BA *Melb.*, DipEd *Tas.*, EdD *Harv.*

#### Lecturers

Michael Paul Bittman, BA *N.S.W.*  
Mira Crouch, BA *Syd.*  
Ann Emily Daniel, BA *Syd.*, PhD *N.S.W.*  
Andrew Peter Hopkins, BSc MA *A.N.U.*, PhD *Conn.*  
Terence Sean Leahy, BA *Syd.*, MA *Car.*  
Lenore Hilda Manderson, BA PhD *A.N.U.*  
Maria Renata Markus, MA *Warsaw*  
Raul Pertierra, BA PhD *Macq.*

#### Tutors

Maria Christina Cordero, Geog *Chilean State*,  
Cert D'Etudes Sup *Bordeaux*  
Jeannie Martin, BA *Syd.*  
Robert Dennis O'Neill, BA *N.S.W.*

#### Honorary Visiting Fellow

William John Bottomley, BA *Syd.*

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## School of Spanish and Latin American Studies

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#### Senior Lecturer and Head of School

John Thomas Brotherton, BA PhD *Birm.*

#### Professor of Spanish

Robert Johnson, MA *Camb.*

#### Senior Lecturers

James Robert Levy, MA *Col.*, PhD *Penn.*  
John Stevenson, MA *Essex* and *Lond.*

#### Lecturers

Miguel Americo Bretos, BA *St. Bernard College*, MA *Nebraska*,  
PhD *Vanderbilt*  
Stephen William George Gregory, MA *Sheff.*  
Jane Yankovic Morrison BA *Chatham*, MA PhD *Yale*

## Faculty of Biological Sciences\*

*Comprises First Year Biology Teaching Unit, Schools of Biochemistry,  
Biotechnology, Botany, Microbiology, Psychology and Zoology.*

#### Dean

Professor E. O. P. Thompson

#### Chairman

Professor T. J. Dawson

#### Administrative Officer

Robert Anthony Hohnen, BA *Canberra C.A.E.*

#### Professional Officers

Rose Ann Varga, BSc *N.S.W.*  
John Campbell Woodard, BE MSc *N.S.W.*

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## First Year Biology Teaching Unit

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#### Director

Dr M. L. Augee

#### Professional Officer

Anthony Ross Smith-White, BSc *Syd.*, MSc *N.S.W.*

\*For Board of Studies in Science and Mathematics see later in this section.

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## School of Biochemistry

---

### Professor of Medical Biochemistry and Head of School

William James O'Sullivan, BSc *W.Aust.*, PhD *A.N.U.*

### Professor of Biochemistry

Barry Vaughan Milborrow, BSc PhD DSc *Lond.*, FLS, FIBiol

### Professor of Biochemistry

Edward Owen Paul Thompson, MSc DipEd *Syd.*, PhD ScD *Camb.*, FRACI

### Associate Professors

John Bruce Adams, MSc *Syd.*, PhD DSc *N.S.W.*, ARACI

Keith Guenther Rienits, MSc *Syd.*, PhD *Birm.*

Philip John Schofield, BSc PhD *N.S.W.*

### Senior Lecturers

Aldo Sebastian Bagnara, BSc PhD *Melb.*

Kevin David Barrow, MSc PhD *Adel.*

Antony George Mackinlay, MSc PhD *Syd.*

Thomas Stanley Stewart, BSc *Syd.*, PhD *N.S.W.*

George Zalitis, BSc PhD *W.Aust.*

### Lecturers

Michael Richard Edwards, MA PhD *Camb.*

Ian James McFarlane, BSc PhD *Syd.*

Kenneth Edward Moon, BSc PhD *N.S.W.*

Raymond Stanely Norton, BSc *Melb.*, PhD *A.N.U.*

### Senior Tutor

Jill Lorraine Gibbons, BSc *Syd.*

### Tutors

Joan Loke, MSc *Syd.*, DipEd *Kuring-gai C.A.E.*

Heather Mary Weir, BSc *Rhodes*, MSc *N.S.W.*

### Professional Officers

Antonio Luiz d'Assumpcao, BSc *Syd.*

Wendy Glenn, MSc *N.S.W.*

Walter Samuel Golder, BPharm MSc PhD DipMedTech *Syd.*, ASTC, MPS

George Grossman, BSc *N.S.W.*

Choy Soong Daniel Lee, MSc *N.S.W.*

Andrew George Netting, BSc PhD *N.S.W.*

Adrian Willebrand Rys, BSc *N.S.W./I.T.*

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## School of Biotechnology

---

### Professor of Biotechnology

Pamela Athalie Deidre Rickard, BSc *Syd.*, MSc *N.S.W.*, PhD *Lond.*

### Associate Professor

Peter Lindsay Rogers, BE *Adel.*, DPhil *Oxf.*

### Senior Lecturers

Noel William Dunn, MSc *Melb.*, PhD *Monash*

Peter Philip Gray, BSc *Syd.*, PhD *N.S.W.*, MIEAust

### Lecturer

John Colin Madgwick, MSc PhD *N.S.W.*

### Professional Officers

Gregory John Nippard, BSc *Syd.*

Robert John Pagan, BSc *Lond.*, MSc(Biotech) *N.S.W.*

Ching Lien Wong, MSc PhD *N.S.W.*

---

## School of Botany

---

### Professor of Botany and Head of School

Derek John Anderson, BSc *Nott.*, PhD *Wales*, FLS

### Associate Professors

John Henry Palmer, BSc PhD *Sheff.*, FIBiol

Haydn John Willetts, MSc *Brist.*, PhD *N.S.W.*

### Senior Lecturers

Paul Adam, BA PhD *Camb.*

Anne Elizabeth Ashford, BA *Camb.*, PhD *Leeds*

Robert John King, BSc DipEd PhD *Melb.*

Michael John Kempster Macey, BSc *Lond.*, MSc PhD *N.S.W.*

Christopher John Quinn, BSc *Tas.*, PhD *Auck.*

Robert Stanley Vickery, BScAgr PhD *Syd.*

Alec Edward Wood, BScAgr *Syd.*, PhD *N.S.W.*

### Lecturer

Stephen Francis Delaney, BSc *Sheff.*, PhD *Liv.*

### Senior Tutor

Helen Patricia Ramsay, MSc PhD *Syd.*

### Tutor

Penelope Anne Farrant, BSc(Arch) *Syd.*, BSc *N.S.W.*

### Professional Officers

Milos Kratochvil, IngAgr *Prague*  
Suzanne Bullock, MSc *N.S.W.*  
Peter Stricker, BSc *Syd.*

### Honorary Associates

Mary Maclean Hindmarsh, BSc PhD *Syd.*  
Lawrence Alexander Sidney Johnson, BSc DSc *Syd.*

### Honorary Visiting Fellows

Helene Alice Martin, MSc *Adel.*, PhD *N.S.W.*  
John Lawrence Reichelt, MSc *Qld.*, PhD *Hawaii*

---

## School of Microbiology

---

### Professor of Microbiology and Head of School

Kevin Charles Marshall, BScAgr *Syd.*, MS PhD *C'nell.*, MASM

### Professor of Medical Microbiology

Geoffrey Norton Cooper, MSc PhD *Melb.*, MASM

### Professor

Anthony John Wicken, BSc PhD *Cape T.*, MA *Camb.*, FNZIC, MASM

### Senior Lecturers

Yvonne Marie Barnet, BScAgr *Syd.*, PhD *N.S.W.*  
Brian James Wallace, BSc PhD *Melb.*

### Lecturer

Iain Couperwhite, BSc PhD *Strath.*, MASM

### Senior Tutor

Barbara Lillian Blainey, BSc *Melb.*, MSc *Syd.*  
Nerissa Glenda Hartwig, BSc *Adel.*  
Basil Partick McBrien, MSc *N.S.W.*, ASTC

### Professional Officers

Beverley Humphrey, BSc *Syd.*  
Mary Essic Johnsen, BSc *Qld.*  
Christine Elizabeth McNab, BScAgr *Syd.* MAppSc *N.S.W.*  
Marshall Henry Maxwell Wilson, MSc *N.S.W.*

---

## Medical Microbiology

### Associate Professors

Royle Anthony Hawkes, BScAgr *Syd.*, PhD *A.N.U.*, MASM  
Graham Douglas Fischer Jackson, BSc PhD *Adel.*  
Adrian Lee, BSc PhD *Melb.*, MASM

### Lecturer

Elizabeth Hazel Hegarty, MSc *Qld.*, PhD *N.S.W.*

### Honorary Associate (School)

Phyllis Margaret Rountree, DSc *Melb.*, DipBact *Lond.*

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## School of Psychology

---

### Professor of Psychology and Head of School

Vacant

### Professor of Psychology

Laurence Binet Brown, MA DipEd *N.Z.*, PhD *Lond.*

### Professor of Psychology

Vacant

### Administrative Officer

Trevor John Clulow, BA *N.S.W.*, MA *Syd.*

### Senior Lecturers

Kevin Douglas Bird, BSc PhD *N.S.W.*  
Peter Charles Birrell, BA *Syd.*, PhD *N.S.W.*  
Stephen Bochner, BA *Syd.*, MA *Hawaii*, PhD *N.S.W.*  
Alexander Edward Carey, BSc *Lond.*  
James Christopher Clarke, MA *N.Z.*, PhD *N.Y. State*  
Joseph Paul Forgas, BA *Macq.*, DPhil *Oxf.*  
Edward James Kehoe, BA *Lawrence*, MA PhD *Iowa*  
Keith Raymond Llewellyn, BA PhD *Syd.*  
George Paxinos, BA *Calif.*, MA PhD *McG.*  
John Eaton Taplin, BSc PhD *Adel.*  
Reginald Frederick Westbrook, MA *Glas.*, DPhil *Sus.*

## Lecturers

Austin Sorby Adams, BA *Adel.*, MA PhD *Mich.*  
Denis Kingsley Burnham, BA *N.E.*, PhD *Monash.*  
Sydney Engleberg, BA *Rand.*, MS *Hebrew Univ. of Jerusalem*,  
MA PhD *N.Y. State*  
William Taylor Hardy, BA *Claremont*, MA PhD *Calif.*  
William Hopes, BA *Syd.*  
Marcus Taft, BSc PhD *Monash*

## Tutors

Eugene Stephan Chekaluk, BA *N.S.W.*  
John Crawford, MSc *Syd.*  
Wendy Ann Howard, BA DipPsychol *Syd.*, MSc *N.S.W.*  
Gail Florence Huon, BSc, *N.S.W.*

## Professional Officers

Carl Frederick Bonkowsky, BE *N.S.W.*, MIEEE  
Angus John Fowler, BSc *N.S.W.*

## Honorary Associate

Thomas Angus McKinnon, MA PhD *Syd.*

## Senior Tutor

Patricia Irene Dixon, BSc PhD *N.S.W.*, DipEd *Syd.*

## Tutors

Jennifer Merciana Anderson, MScAgr *Syd.*, PhD *N.S.W.*  
Anthony Gerald Miskiewicz, BSc *James Cook*  
Bryson Smith, BSc *N.S.W.*  
Peter Wilson, BSc *N.S.W.*

## Professional Officers

Francis Dominic Fanning, BSc *N.S.W.*  
Lionel Winston Filewood, BSc *Syd.*  
Renate Sandeman

## Administrative Assistant

Louise Ann Mazzaroli, BA PhD *N.S.W.*

## Honorary Associates

Ronald Strahan, MSc *W.Aust.*, FSIH  
Kenneth Radway Allen, MA ScD *Camb.*

## Honorary Visiting Fellows

Thomas Ritchie Grant, BSc *Cant.*, PhD *N.S.W.*  
Robert Maxwell Herd, MSc *N.S.W.*, PhD *Car.*  
Bruce Roderick Hodgson, BSc PhD *N.S.W.*  
Judith Everleigh Marlow, BSc *Lond.*  
Charles Pregenzer, BS *N.Y. State*, MA *Hofstra*, PhD *N.S.W.*  
Grahame John Wardon Webb, BSc PhD *N.E.*  
Dedee Daryl Patrice Woodside, BSc *Car.*, PhD *A.N.U.*

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# School of Zoology

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## Professor of Zoology and Head of School

David Cartner Sandeman, MSc *Natal*, PhD *St. And.*

## Professor of Zoology

Terence John Dawson, BRurSc PhD *N.E.*

## Associate Professors

Rossiter Henry Crozier, MSc *Melb.*, PhD *C'neil.*  
Erik Shipp, BSc *Syd.*, PhD *N.S.W.*

## Senior Lecturers

Michael Archer, BA *Prin.*, PhD *W.Aust.*  
Michael Land Augee, BSc *Williamette*, PhD *Monash*  
Alan Michel Beal, DipAH *Qld. Agr.Coll.*, BSc PhD *Qld.*  
Peter Greenaway, BSc PhD *N'cle.(U.K.)*  
Robert John MacIntyre, MSc *Cant.*, PhD *McG.*  
Aola Mary Richards, MSc PhD *N.Z.*, FRES  
Arthur Woods, MA *Oxf.*, FRES, MIBiol

## Lecturers

David Benjamin Croft, BSc *Flin.*, PhD *Camb.*  
Barry James Fox, BSc *N.S.W.*, DipEd *N'cle.(N.S.W.)*,  
MSc *Windsor*, PhD *Macq.*  
Alexander Mazanov, BSc *A.N.U.*, PhD *N.E.*

# Faculty of Commerce

*Comprises Schools of Accountancy, Economics, Marketing, and Japanese Economic and Management Studies Centre.*

## Dean

Professor J. W. Nevile

## Chairman

Professor R. A. Layton

## Executive Assistant to the Dean (Student Counselling and Guidance)

Associate Professor G. Howitt

## Executive Officer

Anthony Michael McNamara, BA Syd., AFAIM

## Administrative Assistants

Rene Calderon Garcia, BA Philippines

Ethel June Hing, BEc Syd.

## Organizational Behaviour Unit

### Associate Professor

Gordon William Ford, BA DipEd Syd., MA(Econ) Calif.

### Senior Lecturer

Barry Russell Maley, BA Syd., MA A.N.U.

## Programming Unit

### Analyst/Programmer

Vincent Ferrer Lawrence, BSc PhD N.S.W.

### Programmers

Jimmy Sadeli, BSc N.S.W.

David Sanchez, BA W'gong.

## School of Accountancy

Professor of Information Systems, Head of School and of Department of Information Systems

Cyril Henry Putnam Brookes, BE MEngSc Syd., DPhil Oxf.

### Professors of Accountancy

William Peter Birkett, MEc Syd., AASA

Athol Sprott Carrington, MCom N.Z., FASA, FCA(N.Z.), CMANZ, FCIS

### Professor of Finance and Head of Department of Finance

Rex Olsson, BEc Syd., MBA PhD N.Y., FASA

### Professor of Accountancy and Head of Department of Legal Studies and Taxation

John Lawrence Ryan, BA St. Thomas, BCL New Br., PhD Lond.

### Professor of Accountancy and Head of Department of Accounting

Robert Graham Walker, BCom N.S.W., MEc PhD Syd., ACA

### Administrative Assistant

Eve Laurel Skulander

## Department of Accounting

### Associate Professors

Gordon Howitt, BEc Syd., MCom N.S.W., ASTC, AASA(Senior), ACIS

Malcolm Conrad Miller, MCom N.S.W., FASA, FCA, ACIS

### Senior Lecturers

Brian Booth, BCom Qld., MCom N.S.W., AASA(Senior), AAUQ

\*Peter Brownell, BCom Melb., MBA PhD Calif.

Victor Andrew Fatseas, MCom N.S.W., AASA(Senior)

\*Conjoint appointment with the Australian Graduate School of Management.

Mark Keith Hirst, BA *Macq.*, BEc *Tas.*, MCom *N.S.W.*, AASA(Senior)  
Kenneth Thomas Trotman, MCom *N.S.W.*, AASA(Senior)  
Gregory Paul Whittred, BCom *Qld.*, MEc *Syd.*, AASA(Senior)  
Ian Raymond Zimmer, BBus *Swinburne C.T.*, MCom *Liv.*, AASA

## Lecturers

Michael Aitken, MBS *Massey*, ACA(NZ)  
Pamela Edith Angus-Leppan, BSc *Witw.*, BCom *N.S.W.*, AASA(Senior)  
Lawrence Albert Blackett, MCom *N.S.W.*  
Gerhard Gniewosz, BA *GradDip S.A.I.T.*, MCom *DipCom Otago*, AASA(Senior)  
Peter Fraser Luckett, BA *Macq.*, AASA  
John Stanley Macmullen, BCom *N.S.W.*, AASA  
David Alexander McDonell, MCom *N.S.W.*, AASA(Senior), ACA  
Richard Donald Morris, BCom *Qld.*, MBA *N.S.W.*, AAUQ(Prov), AASA(Senior)  
Marcus John O'Connor, MCom *N.S.W.*  
Alexander James Pekin, BCom *Melb.*, MCom *N.S.W.*, MA(HospAdmin) *Iowa*, AHA  
Alfred Edward Fulton Rofe, BA LLB *Syd.*, BCom *N.S.W.*, AASA(Senior), ACIS  
Peter Schelluch, MCom *N.S.W.*, AASA  
Graham George Sullivan, BCom *Auck.*, BA *Syd.*, MBA *N.S.W.*, ACA, AASA(Senior)  
Terence Robert Vagg, MCom *N.S.W.*  
Terry Stirling Walter, BCom *Qld.*, PhD *W.Aust.*, AAUQ, AASA, ACIS  
John Frederick Williams, MCom *N.S.W.*, AASA(Senior)

## Senior Tutor

Reginald Wellings, BEc *Syd.*, FCIS, AASA

## Tutors

Neal Arthur, BEc *Syd.*, ACA  
Maria Rose Barbera, BCom *N.S.W.*  
John Barron Chalmers, BCom *N.S.W.*  
Mohammed Golem Hossain, MCom *Rajsh.*, MBA *Br.Col.*  
Paul Charles McCartney, BSc MEc *DipEd DipFinMan N.E.*  
Jonathan Tyler, BCom *N.S.W.*, AASA(Prov)

---

## Department of Finance

### Senior Lecturers

Gabriel Noti, BE BSc *Syd.*, DipENA(Finance and Economics) *Paris*, MBA PhD *N.S.W.*, AASA  
Michael Thomas Skully, AA *N.Y. State*, BSBA *Arizona*, MBA *Utah*, DipEcon *Stockholm*, AASA(Senior), ACIS, ASIA

### Lecturers

Steven Ross Bishop, BEc *Monash*, MCom *N.S.W.*, AASA(Senior)  
Neil Martin McDermott, BE *Syd.*, MEngSc MCom *N.S.W.*, MIEAust  
Toan My Pham, BEc *Tas.*, MCom *N.S.W.*  
Robert Richard Taylor, BSc *Syd.*, MBA *N.S.W.*, AIA(Lond)

---

## Department of Information Systems

### Associate Professor

Phillip John Grouse, MSc *Syd.*, BD *Lond.*, ThL

### Senior Lecturers

David Ross Jeffery, BCom *Qld.*, MCom *N.S.W.*, AASA(Senior), AAUQ  
Michael John Lawrence, BSc BE *Syd.*, MS PhD *Calif.*

### Lecturers

Robert Hugh Edmundson, MCom *N.S.W.*  
Rodger Jamieson, BCom *N.S.W.*, ACA

### Tutors

Jamie Dominic Crowley, BCom *N.S.W.*  
Jo-anne Thong Yoke Auyeong, BCom *N.S.W.*

---

## Department of Legal Studies and Taxation

### Senior Lecturers

Albert William Lacey, AM, LLB *Syd.*, PhD *Lond.*, MBSC  
Andrew Llewellyn Terry, LLM *Cant.*

### Lecturers

Peter Desmond Giugni, LLM *Syd.*, MScSoc *N.S.W.*  
Geoffrey John Lehmann, BA LLM *Syd.*

### Tutors

Robert Bruni, BA LLB *N.S.W.*  
Stephen Wayne Climpson, BA LLB *Syd.*  
Graeme Stuart Cooper, BA LLB *DipJur Syd.*  
Diane Ross, BEc LLB *A.N.U.*

---

## School of Economics

### Professor of Economics and Head of School

John Robert Hewson, BEc *Syd.*, MA *Sask.*, MA PhD *Johns H.*

### Professor of Economics and Head of Department of Industrial Relations

John Rodney Niland, MCom *N.S.W.*, PhD *Ill.*

**Professor of Statistics and Head of Department of Econometrics**

Nanak Chand Kakwani, MA PhD *Delhi*, FASSA

**Research Professor of Economics**

Murray Chilvers Kemp, BCom MA *Melb.*, PhD *Johns H.*

**Professor of Economics**

Maurice McManus, BCom PhD *Birm.*

**Professor of Economics**

John Warwick Nevile, BA *W.Aust.*, MA PhD *Calif.*, FASSA

**Professor of Economic History and Head of Department of Economic History**

William Gordon Rimmer, MA PhD *Camb.*, AM *Harv.*, FRHistS

**Executive Assistant**

D. R. Chapman

**Administrative Assistant**

Anthony John Zanderigo

**Programmer**

Michael Mekhitarian, BA *Macq.*

---

**Department of Econometrics****Senior Lecturers**

Ronald Anthony Bewley, BA *Sheff.*, PhD *N.S.W.*

John Lewis Knight, MCom PhD *N.S.W.*

Daniel-Marie Paul Yvon Leonard, IngAgr *I.N.A. Paris*, MSc PhD *Ill.*

Anthony David Owen, BA *Leic.*, MA PhD *Kent*

Nripesh Podder, MA *Calc.*, PhD *N.S.W.*

Eric Richard Sowe, BEc *Syd.*, BSc PhD *N.S.W.*, MSc *Lond.*

John Alton Zerby, MA *Penn. State* and *Vanderbilt*

**Lecturer**

Hideo Suzuki, BSc *Tokyo*, MEc *Hitotsubashi*, PhD *N.S.W.*

**Senior Tutor**

Roger Scott Tonkin, BA *Macq.*, MCom *N.S.W.*

**Tutor**

Douglas John McLeod, BA *Macq.*

---

**Department of Economic History****Senior Lecturers**

David Leonard Clark, BEc PhD *Syd.*

Ian Clifford Inkster, BA *E. Anglia*, PhD *Sheff.*

David Hewitt Pope, MEc *Monash.*, MA *Ohio State*, PhD *A.N.U.*

Peter Roger Shergold, BA *Hull*, MA *Ill.*, PhD *Lond.*

**Lecturers**

Barrie Drummond Dyster, MA *Syd.*, PhD *Tor.*

David Meredith, BA PhD *Exe.*

Stephen James Nicholas, BA *Syr.*, MA *Iowa*

John Albert Perkins, BSc(Econ) *Hull*

Louis T. Sigel, BA *Yale*, MA PhD *Harv.*

**Senior Tutor**

Gregory John McPhee, BA *N.S.W.*

---

**Department of Economics****Associate Professor and Head of Department**

Gregory Duncan McColl, MSc(Econ) PhD *Lond.*

**Associate Professors**

Thomas Gregory Parry, MEc *Syd.*, PhD *Lond.*

Neil Runcie, BEc *Syd.*, PhD *Lond.*

Douglas John Stalley, MEc *Adel.*, MBA *Col.*, AUA

**Senior Lecturers**

David Ross Chapman, BA *N.E.*, MA(Econ) *Essex*

Robert Maxwell Conlon, MCom PhD *N.S.W.*

Norman James Dudley, BAgEc PhD *N.E.*

Peter Fohn Forsyth, MEc *Syd.*, DPhil *Oxf.*

David Ronald Gallagher, MAgrEc *N.S.W.* PhD *N.S.W.*

Charles William Junor, MCom *N.S.W.*

Behara Bhaskara Rao, BA *And.*, MA *Ban.*, BSc(Econ) *Lond.*, PhD *N.S.W.*

Margaret Joan Vipond, BA *Durh.*

Geoffrey Herbert Waugh, BSc *Syd.*, MCom PhD *N.S.W.*

**Lecturers**

Geoffrey Francis Fishburn, BA PhD *N.S.W.*

Benjamin Francis Hunt, BEc MAgrSc *Adel.*, PhD *A.N.U.*

Fu-Chi-Liu, MA *Taiwan*, PhD *Roch.*

Robin Elizabeth Pope, BA *N.E.*, MEc *Monash*, MA *Ohio State*

William Raymond Purcell, BCom PhD *N.S.W.*

Trevor Robert Stegman, BCom *N.S.W.*

## Senior Tutors

Helen Beatrice Bendall, BA PhD *N.S.W.*  
Larry Michael Dwyer, BCom *N.S.W.*, BA *Syd.*, MA PhD *W.Ont.*  
Andrew Chi Kuen Lo, BA *Melb.*, MA *N.S.W.*  
Robert Henry Keith Sloan, MCom DipEd *N.S.W.*

## Tutors

Neil Lindsay Hart, BCom *N.S.W.*  
Sandra Ellen Hopkins, BA *Otago*  
Gary Josef Manger, BA MCom PhD DipEd *N.S.W.*, ASIA  
Robert John Murray, MCom *N.S.W.*, DipEd *Tas.*  
Richard Charles Nolan, BA *N'cle.(N.S.W.)*, BE *N.S.W.*  
Enrico Petazzoni, LaurCom *Bologna*

---

## Centre for Applied Economic Research

### Director

Professor J. W. Neville

### Research Associates

D. R. Chapman  
Dr R. M. Conlon  
Dr N. J. Dudley  
Dr D. R. Gallagher  
Professor J. R. Hewson  
C. W. Junor  
Professor N. C. Kakwani  
Associate Professor G. D. McColl  
Associate Professor T. G. Parry  
Robin E. Pope  
Dr B. B. Rao  
M. Joan Vipond  
J. A. Zerby

### Research Officers

Alison Joy Harvie, BA *A.N.U.*  
Thomas Anthony Mozina, BA BEc *Qld.*, MEc *Syd.*

---

## Department of Industrial Relations

### Associate Professor

Frank Seymour Stevens, BA *Syd.*, MA *Stan.*, PhD *N.S.W.*

### Senior Lecturers

Braham Dabscheck, MEc *Monash*  
Stephen Jerome Frenkel, BA *Camb.*, MA *Warw.*  
David Henry Plowman, BEc *W.Aust.*, MA *Melb.*,  
GradDipT *Adelaide C.A.E.*

## Lecturer

Edward Michael Davis, MA CertEd *Camb.*, MEc *Monash*

## Tutors

Mark David Bray, BEc MA *N.S.W.*  
Alice Coolican, BCom *N.S.W.*

---

## Industrial Relations Research Centre

### Director

Professor J. R. Niland

### Research Associates

Alice Coolican  
B. Dabscheck  
S.J. Frenkel  
D. H. Plowman

---

## School of Marketing

### Professor of Marketing and Head of School

Roger Alexander Layton, MEc *Syd.*

### Senior Lecturers

Allan Matthew Bordow, BS *Wis.*, MA PhD *Col.State*  
Anthony Francis Donovan, MA PhD *N.U.I.*  
Stanley Glaser, BA *Syd.*, PhD *N.S.W.*  
George Holmes, DipM *Liv.*, MA *Lanc.*  
Raymond Christopher O'Leary, BE *Syd.*, MA *Lanc.*  
Ian Frederick Wilkinson, BSc *S'ton.*, MSc *Warw.*, PhD *N.S.W.*

## Lecturer

John Lino Gattorna, BE *Melb.*, MBA *Monash*, PhD *Cranf. I.T.*

## Senior Tutor

Frank Leopold Winter, BCA *Well.*, PhD *N.S.W.*

## Tutors

Louise Ash, BCom *N.S.W.*  
Margaret Lees, BA *N.S.W./I.T.*  
Jeremy Wright, BE MBA *N.S.W.*

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## Japanese Economic and Management Studies Centre

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### Director

John Tohr Yamaguchi, BS Col., DipASD Prin., PhD A.N.U.,  
Hon.Fellow Keio

### Lecturer

Jane Crawford Devitt, BA Syd., AM PhD Harv.

## Faculty of Engineering

*Comprises Schools of Civil Engineering, Electrical Engineering and  
Computer Science, Mechanical and Industrial Engineering, Nuclear  
Engineering, and Surveying; and Centre for Biomedical Engineering.*

### Dean

Professor N. L. Svensson

### Chairman

Associate Professor D. T. Howell

### Executive Assistant to Dean

H. Harrison

### Administrative Assistant

Patricia M. Rooney

---

## School of Civil Engineering

---

Professor of Civil Engineering, Head of School and of Department of  
Engineering Construction and Management

Ronald William Woodhead, BE Syd., ME N.S.W., FIEAust, FAIB,  
MAIC, MIQ

Professor of Civil Engineering and Head of Department of Civil  
Engineering Materials

Ian Kenneth Lee, BCE MEngSc PhD Melb., FIEAust, MASCE

**Professor of Civil Engineering and Head of Department of Structural Engineering**

Hilary Max Irvine, ME *Cant.*, CE *Caltech.*, PhD *Auck.*, MNZIE

**Professor of Civil Engineering and Head of Department of Water Engineering**

Thomas Grandin Chapman, BSc *Leeds*, PhD *S'ion.*, FIEAust, MACS

**Executive Assistant to Head of School**

Dr D. K. Robinson

**Senior Administrative Officer**

Robert William Prior

**Honorary Associate**

Alexander Wargon, MSc *Harv.*, CE, FIEAust, FASCE, MNZIE

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## Department of Civil Engineering Materials

*Includes Soil Mechanics, Rock Mechanics, Concrete Technology, Plastics and Timber, Pavement Engineering, Continuum and Statistical Mechanics, Metals and Welding Technology.*

**Associate Professors**

David John Cook, BE *W.Aust.*, MSc PhD *Calg.*, MIEAust  
Owen Graeme Ingles, BA MSc *Tas.*, CEng, CChem, FRIC, FRPSL, MIEAust, MInstF, MAIE  
Somasundaram Valliappan, BE *Annam.*, MS *Northeastern*, PhD DSc *Wales*, FIEAust, FASCE

**Senior Lecturers**

William Henry Cogill, MSc(Eng) *CapeT.*, MSc *Camb.*, PhD *N.S.W.*, FIEAust, MICE  
Bruce John Francis Patten, BE *Syd.*, PhD *N.S.W.*, DIC *Lond.*  
Brian Shackel, BE *Sheff.*, MEngSc PhD *N.S.W.*, MIEAust  
John Maurice Wheatley, MA PhD *Camb.*, CEng, FIM, FAusWI, MWeld(*Lond*)  
William Otho Yandell, ME PhD *N.S.W.*, MIEAust  
Stephen Ross Yeomans, BSc PhD *N.S.W.*, CEng, MIM

**Lecturers**

Arthur William Manton-Hall, BE MEngSc PhD *N.S.W.*, MIEAust  
Harry Taylor, BSc(Eng) *Birm.*, DipNAAC *Syd.*  
Weeks White, BSc BE *Syd.*, MIEAust

**Professional Officers**

Trinh Cao, BE *Monash*  
Nam Lim, BE *Hanyang*, MSc PhD *N.S.W.*  
Ghodratollah Tamaddon, BEngAg *Tehran*, DrAgSc *Gembloux*

**Analyst/Programmer**

Damian McGuckin, BSc BE *Syd.*

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## Department of Engineering Construction and Management

*Includes Systems Engineering, Engineering Economy, Project Planning and Management.*

**Associate Professor**

Alan Frank Stewart Nettleton, BSc BE *Syd.*, ME *N.S.W.*, DIC *Lond.*

**Senior Lecturers**

Arthur Gordon Douglas, ME *N.S.W.*, PhD *Mich.State*, MIEAust  
Graham Rush Easton, BSc BE *Syd.*, MEngSc *Birm.*, MIEAust, AIArbA  
Robert Alexander Jones, BE *W.Aust.*, ME *Auck.*, MSc DIC *Lond.*, MIEAust, LS(NZ)  
Jonathan Brian O'Brien, BE *N.S.W.*, MASc *Tor.*, MIEAust  
Victor John Summersby, BE MEngSc MCom *N.S.W.*, ASTC, MIEAust

**Professional Officers**

John Laurence Knott, BE *N.S.W.*  
Fredrick Adrian John Stein, ED, BE *N.S.W.*, GradIEAust, AMASCE

**Programmer**

Jane Nerida Louis, MSc DipEd *W'gong.*

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## Department of Structural Engineering

*Includes Structural Analysis, Structural Design, Stress Analysis and Solid Mechanics.*

**Associate Professors**

Algis Peter Kabaila, MEngSc PhD *N.S.W.*, FRMTC, MIEAust  
Victor Andrada Pulmano, BSCE *Philippines*, MEng *A.I.T.*, PhD *Northwestern*  
B. Vijaya Rangan, BE *Madr.*, PhD *I.I.S.B'lore.*, MASCE, MIEAust, MIEIndia

**Senior Lecturers**

Peter Stephen Balint, DiplEng *Bud.*, ME *N.S.W.*, MIEAust  
Donald John Fraser, MEngSc PhD *N.S.W.*, ASTC  
Alexander Cuthbert Heaney, BE MEngSc *Melb.*, PhD *Wat.*, MIEAust, MASCE, AMICE  
Peter Walder Kneen, BE *Melb.*, PhD *Wat.*, MIEAust, IASS  
Ian James Somervaille, BE PhD *N.S.W.*, ASTC

**Lecturers**

Raymond Ian Gilbert, BE PhD *N.S.W.*, MIEAust  
Raymond Eric Lawther, BE PhD *N.S.W.*  
Francis Shay Khiat Tin Loi, BE PhD *Monash*, MIEAust  
Neil Colin Mickleborough, MEng *Car.*, PhD *Tas.*, DipCE *HobartTC.*, MIEAust, MASCE

**Tutor**

Mario Maria Paul Attard, BE *N.S.W.*

**Professional Officer**

John Wesley Carrick, BE *N.S.W.*

**Department of Transport Engineering****Senior Lecturer and Head of Department**

John Andrew Black, BA *Manc.*, PhD *Brad.*, MTCP *Syd.*, MCIT

**Senior Lecturers**

Alec James Fisher, BSc *Lond.*, PhD *N.S.W.*, FIESAust

Ross Donald Munro, BSc *W.Aust.*, BA *Melb.*, FSS

Theo ten Brummelaar, BE MEngSc *N.S.W.*, MIEAust

John Irwin Tindall, BE *Qld.*, BCom ME *N.S.W.*, MIEAust

**Lecturer**

Michael Clarence Dunne, BSc PhD *Adel.*

**Professional Officers**

Roger Roy Hall, BSc *A.N.U.*, MSc *N.S.W.*, FESANZ, MIESAust

Clement Edward Quinlan, GradDip *N.S.W.*, ASTC, MIEAust

Andrzej Waldemar Raczkowski, Mgrinz *T.U.Warsaw*, MIEAust

Colin John Wingrove, BSc MEngSc *N.S.W.*

**Department of Water Engineering**

*Includes Hydraulics, Hydrology, Public Health Engineering, Water Resources Engineering, and the Water Research Laboratory.*

**Associate Professors**

David Barnes, BSc PhD *Birm.*, MIWSE, MIEAust, AMICE

Ian Cordery, ME PhD *N.S.W.*, MIEAust

Douglas Neil Foster, BE *Syd.*, MIEAust, MASCE

Bernard William Gould, BE *Tas.*, ME *N.S.W.*, MIEAust

David Trewhella Howell, BE *Syd.*, ME *N.S.W.*, MIEAust, MAIAS

David Herbert Pilgrim, BE PhD *N.S.W.*, FIEAust

Keith Kingsford Watson, BE *Syd.*, ME PhD DSc *N.S.W.*, FIEAust

**Senior Lecturers**

Peter John Bliss, BE *N.S.W.*, MSc DIC *Lond.*, ASTC, MIEAust

Colin Raymond Dudgeon, ME *N.S.W.*, MIEAust, MASCE

Trevor Regis Fietz, ME *N.S.W.*

Brian Selby Jenkins, BE PhD *N.S.W.*, ASTC, MIEAust, LGE

John Robert Learmonth, BE *Syd.*, ME *N.S.W.*

David Keith Robinson, BSc BE PhD *N.S.W.*, MIEAust, MASCE

David Lyon Wilkinson, BE *Syd.*, PhD *N.S.W.*, MIEAust

**Professional Officers**

David George Doran, BE DipCompSc *Qld.*, MEngSc *N.S.W.*, MIEAust, MACS

Kenneth Brian Higgs, MSc *Aston*, MAIP

Malcolm John Jones, BE PhD *N.S.W.*, MTCP *Syd.*

**School of Electrical Engineering and Computer Science**

**Professor of Electrical Engineering — Systems and Control and Head of School**

Neville Waller Rees, BSc PhD *Wales*, FIEAust

**Professor of Electrical Engineering — Communications**

Antoni Emil Karbowiak, DSc(Eng) *Lond.*, CEng, FIEAust, FTS, FIREE, MIEE, SMIEEE

**Professor of Computer Science**

Murray William Allen, BE *Adel.*, PhD *Syd.*, CEng, FTS, FACS, FIREE, MIEE, MIEEE

**Tyree Professor of Electrical Engineering — Electric Power Engineering**

Frederic John Evans, BSc BE *Syd.*, Hon. DSc *Liège*, CEng, SMIEEE, FIEE, FIEAust

**Professor of Electrical Engineering — Electronics**

Graham Austin Rigby, MSc *Syd.*, PhD *Calif.*, CEng, FTS, FIREE, MIEEE

**Visiting Professor — Solid State Electronics**

Louis Walter Davies, AO, BSc *Syd.*, DPhil *Oxf.*, FTS, SMIEEE, FlntP, FAIP, FIREE, FIEEE, FAA

**Executive Assistant to Head of School**

Dr H. S. Blanks

**Senior Administrative Officer**

Kevin John Flynn, BE MEngSc *N.S.W.*, ASTC

**Administrative Officer**

Robyn Christine Horwood, BA DipEd *N.S.W.*

**Tutors**

Dugold McLeod Campbell, BE *N'cle. (N.S.W.)*

Jan Dennis Newmarch, BSc *Brist.*, PhD *N.S.W.*

Rodney John Savage, BE *Darling Downs I.A.E.*,

DipEd *Kuring-gai C.A.E.*, MIEEE

Subramanian Sridharan, BSc *S.Lanka*, MSc *Manc.*, CEng, MIEE

Digby Russell Simon Tarvin, BSc *N.S.W.*

Max Brian Webster, BE *N.S.W.*

Geoffrey Robert Whale, BE *N.S.W.*

**Professional Officers**

Peter Ivanov, BSc MEngSc *N.S.W.*

Jeffrey Stanley Skebe, BS *Case W.R.*, MEngSc *N.S.W.*

#### Analyst/Programmer

Kevin Frank Hill, BE *N.S.W.*  
Michael William Rourke, BSc *N.S.W.*

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### Department of Communications

#### Associate Professors

Warwick Harvey Holmes, BSc BE MEngSc *Syd.*, PhD *Camb.*,  
SMIEEE, SMIREE, MAES, EtaKappaNu  
Israel Korn, MSc DSc *Technion, Haifa*, SMIEEE  
The Bao Vu, BE PhD *Adel.*, SMIEEE

#### Senior Lecturers

Pak Lim Chu, ME PhD *N.S.W.*, SMIREE, MIEE, MIEEE, MOSA  
Po Sheun Chung, MS *Ill.*, PhD *Camb.*, CEng, MIEE  
Edward Henry Fooks, BSc PhD *Lond.*, CEng, MIEE, MIEEE  
Thomas Leslie Hooper, BSc *Syd.*, MSc *N.S.W.*, CEng, MIEE, MIEEE,  
MIREE  
Christopher John Elliott Phillips, BSc BE PhD *Syd.*, CEng, MIEE,  
MIEEE, SMIREE  
Robert Radzyner, BE *Melb.*, MEngSc PhD *N.S.W.*, SMIEEE, SMIREE  
Ramutis Anthony Zakarevicius, BSc BE MEngSc PhD *Syd.*, MIEAust,  
SMIEEE, SMIREE

#### Lecturers

William John Dewar, MSc(Eng) *Qu.*, PhD *N.S.W.*, MIEEE  
Harold Leslie Humphries, BSc BE BEc *Syd.*, MIEAust, SMIREE  
Rowland Alexander Sammut, BSc *N.S.W.*, PhD *A.N.U.*

#### Professional Officers

Philip Mark Allen, BE *N.S.W.*  
Douglas Hamilton Irving, BE *N.S.W.*  
Trevor Wayne Whitbread, BE *N.S.W.*, MIEEE

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### Department of Computer Science

#### Associate Professors

Alan Dunworth, BSc PhD *Manc.*, SMIEEE, FIREE  
John Lions, BSc *Syd.*, PhD *Camb.*, MACS, MACM

#### Senior Lecturers

Graham Reginald Hellestrand, BSc PhD *N.S.W.*, MIEEE, MACS  
Graham Barry McMahon, BSc *Syd.*, PhD *N.S.W.*, MACS  
Peter Clive Maxwell, MSc *Auck.*, PhD *A.N.U.*, MIEEE  
Kenneth Arthur Robinson, BSc BE *Syd.*

#### Lecturers

Paul William Baker, BE PhD *N.S.W.*  
Anthony Keith Burston, MSc PhD *Manc.*, MBCS

David Athol Carrington, BSc *N.S.W.*  
Leslie Charles Hill, BE *N.S.W.*, MACS  
Philip George McCrae, BE PhD *N.S.W.*, MIEEE  
Jeffrey Michael Tobias, BSc PhD *N.S.W.*

#### Professional Officers

Serge Poplavsky, DiplIng *Bratislava*, ME *N.S.W.*  
Keith William Titmuss, BSc(Tech) MEngSc *N.S.W.*

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### Department of Electric Power Engineering

#### Associate Professors

Gordon William Donaldson, BE *Qld.*, BSc MA *Oxf.*, CEng, SMIEEE,  
MIEE, MIEAust  
Ian Francis Morrison, BSc BE PhD *Syd.*, CEng, MIEAust, MIEE,  
MIEEE

#### Senior Lecturers

Trevor Robert Blackburn, BSc *Adel.*, PhD *Flin.*, GAIP  
Harry Harrison, BSc BE *Syd.*, ME *N.S.W.*, MIEAust  
Ronald Edward James, BSc(Eng) PhD *Lond.*, CEng., MIEE,  
MIMechE  
Hugh Ronald Outhred, BSc BE PhD *Syd.*, AMIEE, MIEEE

#### Lecturers

Colin Grantham, BSc PhD *N'cle.(U.K.)*, CEng, MIEE  
Darmawan Sutanto, BE PhD *W.Aust.*, MIEEE

#### Professional Officers

Joseph Rhine Kinard, BA *Fla.S.U.*, MS *Mass.*, SMIEEE  
Edward Douglas Spooner, ME *N.S.W.*

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### Department of Electronics

#### Associate Professor

Martin Andrew Green, BE MEngSc *Qld.*, PhD *McM.*, SMIEEE, SMIES

#### Senior Lecturers

Henry Stanley Blanks, BSc ME *Syd.*, PhD *N.S.W.*, CEng, FIREE,  
SMIEEE, SMIES, MIQA  
Peter Howard Ladbrooke, BTech *Lough.*, PhD *Camb.*  
John Alan Richards, BE PhD *N.S.W.*, SMIREE, MIEEE

#### Lecturer

Christopher Max Horwitz, MSc PhD *Syd.*

#### Professional Officer

Eric Gauja, BSc BE PhD *N.S.W.*, MIEEE

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## Department of Systems and Control

### Associate Professors

John Barry Hiller, BE PhD *N.S.W.*, FIEAust, FIREE  
Keith Eugene Tait, BE BSc *N.Z.*, PhD *N.S.W.*

### Senior Lecturers

Peter Thomas Bason, ME PhD *N.S.W.*, SMIREE, MIBME, MAPPS  
Reginald Frederick Brown, BEng *Liv.*, PhD *N.S.W.*, CEng, MIEE  
Kevan Charles Daly, BSc BE PhD *N.S.W.*, CEng, MIEE, MIEEE  
Felix Lewin, BSc BE *Syd.*, MACS  
David Harold Mee, BSc BE *Syd.*, PhD DIC *Lond.*, SMIREE  
Darrell Williamson, BSc ME *N'cle.(N.S.W.)*, PhD *Harv.*, MIEEE, SigmaXi

### Lecturers

Branco George Celler, BSc BE PhD *N.S.W.*  
David James Clements, BSc *Qld.*, ME PhD *N'cle.(N.S.W.)*, MIEE, MIEEE, MSIAM, SigmaXi

### Professional Officers

Kong Been Lee, BE MEngSc *N.S.W.*, MIEEE, AMIEE  
Johan Herman Sieuwerts, BE *N.S.W.*, ASTC

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## School of Mechanical and Industrial Engineering

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### Associate Professor and Head of School

Graham de Vahl Davis, BE *Syd.*, PhD *Camb.*, CEng, FIMechE, FIEAust, MASME

### Professor of Operations Research

George Bennett, BA *Syd.*, PhD *N.S.W.*, ASTC, CEng, FIProdE

### Nuffield Professor of Mechanical Engineering and Head of Department of Fluid Mechanics/Thermodynamics

Raymond Alfred Arthur Bryant, ME *N.S.W.*, ASTC, CEng, FIMechE, FIEAust, MRAeS

### Professor of Mechanical Engineering (on leave)

Peter Thomas Fink, CBE, BE *Syd.*, CEng, FTS, FIEAust, FIMechE, FRAeS, FRINA, MAIAA

### Sir James Kirby Professor of Production Engineering and Head of Department of Industrial Engineering

Peter Louis Brennan Oxley, BSc PhD *Leeds*, CEng, FTS, FIProdE, FIEAust, FIMechE

### Professor of Mechanical Engineering and Head of Department of Agricultural Engineering

Noel Levin Svensson, MMechE PhD *Melb.*, CEng, FIEAust, MIMechE, MACPSM, MIBME

### Visiting Fellows

Terushige Fujii, MS *Kobe*, PhD *Osaka*  
Micha Wolfshtein, Ing MSc *Technion*, PhD DIC *Lond.*, MIMechE, MAIAA, MIMACS

### Executive Assistant to Head of School

Associate Professor J. Y. Harrison

### Senior Administrative Officer

George Dusan, BEc *Syd.*

### Teaching Fellow

Albert Wong, BE *N.S.W.*

### Professional Officers

James Beck, ME *Prague*  
Gregory John Brett, BE *N.S.W.I.T.*, GradDip(Management) *Capr.I.T.*  
Eric Arthur Carter, BE MEngSc *N.S.W.*, ASTC  
Thomas Done, BA *Macq.*  
Anthony Gordon Harris, BSc *Exe.*  
Khoi Hoang, BE *Saigon*, PhD *N.S.W.*  
Alexander Lev Litvak, DiplIng *Odessa*, MEngSc *N.S.W.*, MIEAust  
Barrie Clifford Motson, BE *N.S.W.*, ASTC, MIEAust  
Colin Barrington Smith, BE MEngSc *N.S.W.*, ASTC, MAIRAH, GradIEAust  
Michal Tvrdon, BE *Bratislava*, PhD *Prague*

### Programmer

David Alexander Herd, BSc *Syd.*

### Honorary Associate

Cyril Arthur Gladman, BSc(Eng) *Lond.*, ACGI, CEng, FIProdE, MIMechE, MIED

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## Department of Agricultural Engineering

### Senior Lecturers

Harold Glenn Bowditch, ME *N.S.W.*, ASTC, MIEAust  
Ronald Arthur Dennis, MSc *Nott.*, CEng, MIMechE

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## Department of Applied Mechanics

### Associate Professor and Head of Department of Applied Mechanics

John Young Harrison, BE *Syd.*, PhD *N.S.W.*, MIEAust

### Senior Lecturers

John Edward Baker, MSc Syd., BE MEngSc PhD N.S.W.  
 Kerry Patrick Byrne, BE MEngSc Qld., BSc Melb., PhD S'ton.  
 Jacob Alexander Bruce Cartmel, MSc Cran.I.T., PhD DipEd N.S.W.,  
 CEng, SMIEEE, FIMechE, FIEAust, SMSME, MASME, AMSAOrthA  
 Alexander Eric Churches, BE PhD N.S.W., ASTC  
 Robin Arthur Julian Ford, BSc(Eng) PhD Lond., ACGI  
 Richard Butler Frost, BE N.S.W., CEng, MIEAust  
 Eric Joseph Hahn, BE BSc PhD N.S.W., MASME  
 Edward Colwyn Hind, ME N.S.W., ASTC, MIEAust, MInstMC  
 Chakravarti Varadachar Madhusudana, BE Mys., ME I.I.Sc.,  
 PhD Monash, MIEAust, MASME, MAIAA  
 Donald Jabez Stephen Mudge, BSc Lond., DipEd N.S.W., CEng,  
 MIMechE, MIEAust, WhSc  
 Hugh Lithgow Stark, BSc PhD Strath., CEng, FIMechE, MIEAust  
 Jae Lin Woo, BSc Seoul, SM M.I.T., PhD N.S.W.

### Lecturers

John Michael Challen, BE MEngSc Syd., PhD N.S.W., MIEAust  
 George Crawford, BE BSc N.S.W., ASTC, CEng, FIEAust, MAIE,  
 ARACI  
 Llewellyn Ramsay Jones, BSc N.Z., DipAm MEng Sheff., PhD Wales,  
 MIEAust, MIMechE  
 Knut Kjørrethjord, BSc Durh., ME N.S.W., CEng

## Department of Fluid Mechanics and Thermodynamics

*Includes Aeronautical Engineering and Naval Architecture.*

### Associate Professors

Richard Douglas Archer, BSc Melb., BE Syd., MS PhD Minn., FBIS,  
 FRAeS, MIEAust, MAIAA  
 Michael Richard Davis, BSc(Eng) PhD S'ton., CEng, MRAeS,  
 MIEAust, MAAS  
 Owen Francis Hughes, SB SM(NavArch), M.I.T., PhD N.S.W.,  
 MIEAust, MRINA, MSNAME

### Senior Lecturers

Lawrence Julian Doctors, BE MEngSc Syd., PhD Mich., MRINA,  
 AMSNAME  
 Brian Edward Milton, BE PhD N.S.W., MSc Birm., CEng, MIEAust,  
 MRAeS  
 Graham Lindsay Morrison, BE PhD Melb.  
 Prabhat Kumar Pal, BME N.C.E., Bengal, BTech PhD Kharagpur,  
 MIINA, MSTG(Hamburg)  
 John Arthur Reizes, ME PhD N.S.W., MIEAust

### Lecturers

Donald Wainwright Kelly, BE Syd., PhD Lond.  
 Eleonora Maria Kopalinsky, BE PhD N.S.W.  
 Eddie Leonardi, BSc(Eng) N.S.W., MIEAust, MAIRAH, AMASHRAE  
 Ian Lachlan MacLaine-Cross, BE Melb., PhD Monash, MIEAust

## Department of Industrial Engineering

*Includes Operations Research and Production Engineering.*

### Associate Professors

Bruce Albert Murtagh, ME Cant., PhD DIC Lond., CEng, MChemE,  
 MIEAust  
 Michael Geoffrey Stevenson, BSc(Tech) PhD N.S.W., ASTC, CEng,  
 FIEAust, MIProdE

### Senior Lecturers

Leonard Edward Farmer, BE MEngSc PhD N.S.W., MIEAust  
 Roger Malcolm Kerr, BSc Lond., MSc Bath, DPhil Oxf.  
 Grier Cheng Lin, DipMechEng P.T.I.T., Taiwan, PhD N.S.W., MIEAust  
 Graham Smith, BE MEngSc PhD N.S.W., ASTC, MIEAust, MACS

### Lecturers

Daniel Goodridge, DipIngChim L'Aurore, Shanghai, DiplIndEng N.S.W.  
 Philip Mathew, BE N.S.W.

## School of Nuclear Engineering

### Professor of Nuclear Engineering and Head of School

James Joseph Thompson, BE PhD Syd., FIEAust

### Associate Professors

Paul Robert Barrett, MSc PhD Birm., FAIP, MInstP  
 Zdenek Josef Holy, DiplIng Prague, MSc Birm., MEngSc PhD N.S.W.,  
 MIEAust

### Senior Lecturer

Leslie George Kemeny, BE Syd., MIEAust

### Professional Officer

Peter Yo Pin Chen, BSc MEngSc ME PhD N.S.W., ASTC

### Honorary Visiting Fellow

John Gannon Clouston, MSc Syd., PhD DIC Lond., ASTC, FAIP

## School of Surveying

### Professor of Surveying and Head of School

Peter Vincent Angus-Leppan, BSc(Eng) Rand., PhD DipTP Natal,  
 FISAust, MILS(Natal), MAIC

**Associate Professors**

John Stuart Allman, BSurv PhD *N.S.W.*, MAIC

George Gordon Bennett, MSurv *Melb.*, PhD *N.S.W.*, RegSurv(NSW), FISAust, MIN

John Charles Trinder, BSurv PhD *N.S.W.*, MSc *I.T.C. Delft*, RegSurv(NSW), FISAust

**Senior Lecturers**

Bruce Crosby Forster, MSurv *Melb.*, MSc *R'dg.*, PhD *N.S.W.*, MISAust, LS(Vic), MASPNG

Arthur Harry William Kearsley, BSurv MSurvSc PhD *N.S.W.*, MISAust

Anthony John Robinson, BSurv MBA PhD *N.S.W.*, RegSurv(NSW), MISAust, MAIC

Jean Marc Rueger, DiplIng *E.T.H. Zurich*, SIA, LS(Switz), MISAust

Artur Stolz, BSurv PhD *N.S.W.*, RegSurv(NSW)

Ian Philip Williamson, BSurv MSurvSc *N.S.W.*, RegSurv(NSW), MISAust

**Lecturers**

Pratap Shivabhai Amin, BSc *T.H. Delft*, MSc *Lond.*, MISC, CLSEA, ARICS

Leonard Berlin, BSc(LS) *CapeT.*, BSc *T.H. Delft*

Sabapathy Ganeshan, BSc *Ceyl.*,

Lynn Charles Holstein, MIS *N.Z.*, DipPhotogram *U.C.L.*, RegSurv(NSW), ARICS

John Richard Pollard, BSc *Qld.*, BTech *S.A.I.T.*

**Administrative Officer**

Joseph Valentine Fonseca, BA *Lond.*

**Professional Officers**

Tat Ming Lau, BE *N'cle.(N.S.W.)*

Alex Pui Yin Wong, BSc *Leic.*

**Analyst/Programmer**

Mohammad Hadi Aghakhani, BSc *Sh.U.T. Tehran*, MSc *Colorado State*

**Programmer**

Bernd Hirsch

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## Centre for Biomedical Engineering

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**Director**

Associate Professor Peter Craig Farrell, BE *Syd.*, SM *M.I.T.*, PhD *Wash.*, DSc *N.S.W.*, MASAIO, MISAIO

**Senior Lecturer**

\*Edward Maxwell Nicholls, MD BS *Adel.*

**Lecturers**

Christopher David Bertram, MA DPhil *Oxf.*

Klaus Schindheim, BE PhD *N.S.W.*, MIEAust, MASAIO

**Administrative Assistant**

Rhonwen Mooney, BA DipSocWk *Syd.*

**Professional Officer**

Walter Flicker, BE MBIomedE *N.S.W.*, MIEAust

**Honorary Visiting Fellow**

Tibor Timothy Vajda, DDS *Bud.*, FRSM, FACBS

**Honorary Associate**

Bernard Bloch, MB CRB *Witw.*, FRCS

\*Joint appointment with Faculty of Medicine.

# Faculty of Law

*Comprises School of Law.*

## Dean

Professor D. E. Harding

## Chairman

Professor R. G. Nettheim

## Executive Assistant to the Dean

M. T. Stone

## Executive Assistant to the Head of School

M. L. Blakeney

## Senior Administrative Officer

Pamela Jean Monk, BSc *N.E.*

## Administrative Assistant

Jane Maree Trethewey, BAppSc *Canberra C.A.E.*, DipEd *N.S.W.*

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## School of Law

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## Professor of Law and Head of School

Donald Edward Harding, BA LLB *Syd.*, LLM *Calif.*

## Visiting Professor

Julius Stone, AO, OBE, QC, BA DCL *Oxf.*, LLM Hon. LLD *Leeds*, LLD *Syd.*, SJD *Harv.*

## Professors of Law

Michael Rainsford Chesterman, BA LLB *Syd.*, LLM *Lond.*

Yuri Filip Rangimarie Grbich, LLM *Well.*, PhD *L.S.E.*

Robert Garth Nettheim, AM *Tufts*, LLB *Syd.*

Ronald Sackville, LLB *Melb.*, LLM *Yale*, FASSA

Ivan Anthony Shearer, LLM *Adel.*, SJD *Northwestern*

## Associate Professors

Mark Isaac Aronson, BJuris LLB *Monash*, DPhil *Oxf.*

Brian Thomas Brooks, BA *Well.*, MA *N.Z.*, LLM *Cant.*, DipJur *Syd.*

Michael David Coper, BA LLB *Syd.*, PhD *N.S.W.*

Robert Alexander Hayes, LLB *Melb.* and *Qld.*, PhD *Monash*

Krishna Mohan Sharma, MA LLM DipLabourLaws *Raj.*, LLM SJD *Harv.*

## Senior Lecturers

Mark Charles Armstrong, BA LLB *Syd.*, LLM *N.S.W.*

Shenagh Barnes, LLM *Syd.*

Michael Leslie Blakeney, BA LLM *Syd.*

Brian Bromberger, LLB *Melb.*, LLM *Penn.*

David Bentley Brown, LLB *Auck.*, DipCrim *Camb.*

Philip Newell Burgess, LLM *Well.*

Richard Colin Chisholm, BA LLB *Syd.*, BCL *Oxf.*

Malcolm David Farrier, LLB *Lond.*, DipCrim *Camb.*, LLM *Col.*

Catherine Marion Hetherington, BA LLB *Auck.*, LLM *Col.*

Patricia Hyndman, LLM *Lond.*, DipEd *Br.Col.*

Owen David Jessep, BA LLB *Syd.*, PhD *A.N.U.*

Martin Evald John Krygier, BA LLB *Syd.*, PhD *A.N.U.*

Jane Rue Levine, AB *Duke*, JD *Chic.*

Dirk John Meure, LLB *Tas.*, LLM *Sheff.*

Paul Murray Redmond, BA LLM *Syd.*

Stanley David Ross, BA *C.U.N.Y.*, MA *S.F.State*, JD *Calif.*

Christopher John Rossiter, BA LLB *Syd.*

Michael Gerard Sexton, LLB *Melb.*, LLM *Va.*

Michael John Tilbury, LLB *Lond.*, BCL *Oxf.*

Alan Lee Tyree, LLB *Well.*, MSc *Ohio State*, PhD *Massey*

David Weisbrot, BA *C.U.N.Y.*, JD *Calif.*

George Graham Winterton, LLM *W.Aust.*

George Zdenkowski, BA LLB *Syd.*

## Lecturers

Salahuddin Ahmed, BA LLB *Dacca*, LLM *Lond.*

Keven Hartley Booker, LLB *W.Aust.*

Ian Malcolm Cameron, LLM *Cant.*, DipEd *Monash*, LRSM LTCL *Lond.*

Stephen William Cavanagh, LLB *Syd.*, LLM *Lond.*

Gary Alan Davis, LLB *York*, LLM *Mich.*

Regina Graycar, LLB *Adel.*, LLM *Harv.*

Denis John Harley, BA LLM *Syd.*, LLB *Camb.*

Jill Barbara Hunter, BA LLB *N.S.W.*, PhD *Lond.*

John Warren Kirkwood, BA LLB *Syd.*

Robin Gay Lansdowne, BA LLB *N.S.W.*

Adrian Suzanne Merritt, BA *Qld.*, LLB PhD *A.N.U.*

David John Neal, BA LLM *Melb.*, MA *Calif.*

Neil Robert Rees, BJuris LLB *Monash*, LLM *S.M.U., Dallas*  
 Gerard Clyde Rowe, BA LLB MTCP *Syd.*, LLM *Yale*  
 Steven Seidler, BA LLB *Syd.*  
 Margaret Therese Stone, BA *Syd.*, LLB *A.N.U.*, LLM *Yale*

#### **Tutor**

Jill McKeough, BA LLB *N.S.W.*

#### **Senior Research Assistants**

Arthur Efren Garcia, LLB *Madrid* and *Manila*, LLM *Syd.*  
 Zena Sachs, LLB *Syd.*

## **Faculty of Medicine**

*Comprises Schools of Anatomy, Community Medicine, Medical Education, Medicine, Obstetrics and Gynaecology, Paediatrics, Pathology, Physiology and Pharmacology, Psychiatry, and Surgery.*

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Professor W. R. Pitney

#### **Chairman**

Professor R. M. Mitchell

#### **Senior Lecturer**

\*Edward Maxwell Nicholls, MD BS *Adel.*

#### **Executive Officer**

Donald William Swinbourne, MCom *N.S.W.*

#### **Administrative Officer**

Ian Duart Maclean

#### **Administrative Assistants**

Peter Melville, BA *N.S.W.*  
 Moya Patricia Pedemont

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## **School of Anatomy**

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#### **Professor of Anatomy and Head of School**

Frederick William Dickes Rost, BSc(Med) MB BS *Syd.*,  
 PhD DCP *Lond.*, DipRMS

\*Conjoint appointment with the Faculty of Engineering.

## Associate Professor

Jonathan Stone, BSc(Med) PhD DSc *Syd.*

## Senior Lecturers

Ewa Krystyna Bystrzycka, MD *Lodz.*  
Darrel Ananda Fernando, BVSc *Ceyl.*, PhD *Lond.*  
Brian Warwick Freeman, BSc *Syd.*, PhD *N.S.W.*  
Saw Kin Loo, MB BS *Malaya*, PhD *Sing.*  
Murray Stanley Smith, BSc PhD *Cant.*  
Istvan Joseph Törk, MD *Bud.*

## Lecturers

Elizabeth Jane Tancred, BSc *N.S.W.*  
David James Tracey, BSc *Syd.*, PhD *Stan.*

## Senior Tutor

Judith Helen Burrell, BVSc *Syd.*, MVSc *Melb.*

## Tutors

Damayanthi Hemamali Atapattu, BSc PhD *Ceyl.*, MSc *Ohio*  
Susan Franklin, BSc *Wales*, MSc *S'ton.*, PhD *Syd.*  
Michelle Ann Meredyth, MB BSD *N.S.W.*  
Anne Clair Peterson, BSc *N.S.W.*, DipPhy *Cumberland Coll.*

## Visiting Fellow

Maurice Arnold, MB ChB *Witw.*, FRCSEd

## Professional Officers

Patrick John de Permentier, MSc *N.S.W.*  
Geoffrey Douglas Schneider, BSc *Qld.*

## Honorary Associates

Alexander Gonski, BSc MB BCh *Witw.*, FRCSEd, FRACS  
Lawrence John Gray, MB BS *Syd.*, FRACS

## Honorary Visiting Fellows

Dennis Dacey, BA *Swarthmore Coll.*, PhD *Chic.*  
David H. Rapaport, BS PhD *Calif.*

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## School of Community Medicine

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### Professor of Community Medicine and Head of School

Ian William Webster, MD BS *Melb.*, FRACP

### Professor of Geriatrics

Peter Frank Sinnett, MD BS *Syd.*, FRACP

## Associate Professor of Rehabilitation

\*Richard Frederick Jones, MB BS *Syd.*, DPRM, FRCS, FRCSEd, FRACS, FRACP

## Senior Lecturers

Lawrence Yook Chee Lai, BSc PhD *W.Aust.*  
Peter Podmore Manzie, ED, BA MB BS *Syd.*, FRACGP  
Alan Edmund Stark, BA *Adel.*, MA PhD *N.S.W.*, DipT *Adel. T.C.*

## Lecturers

Paul Murray McNeill, MA *Cant.*, LLB *Otago*  
Deborah Claire Saltman, MB BS *Syd.*

## Honorary Associate

George Garrett Burniston, CMG, OBE, MB BS *Syd.*, DPRM, FACMA, FRSH

## Professional Officer

Stephen Ronald Lord, BSc MA *Syd.*

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## School of Medical Education

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### Professor of Surgery and Head of School

Kenneth Russell Cox, MB MS *Melb.*, MA *Mich.State*, FRCS, FRACS, FACS

## Senior Lecturers

Raja Christie Bandaranayake, MB BS *Ceyl.*, PhD *Lond.*, MSEd *S.Calif.*  
Christine Elizabeth Ewan, BA MB BS PhD *Syd.*  
Arie Rotem, BA *Jer.*, MA PhD *Calif.*  
Ruth Hilary White, BA *A.N.U.*, EdD *Col.*

## Lecturer

Susan Sara Irvine, MB ChB *Auck.*, MPH MS *Harv.*

## Visiting Fellows

Michael John Bennett, BA *Keele*, MPhil *Lond.*, PhD *S.Pac.*  
Geoffrey George Saville, BSc *N.S.W.*, MS EdS *Stout State*, PhD *Mich. State*, ASTC

## Tutors

Peter George Honor, BEd *Syd.*  
Barbara Ruth Leigh, BA *Syd.*

## Administrative Officer

Iris Shirley Gilfillan

## Administrative Assistant

David Eric Somerton, BSc *N.S.W.*

\*Conjoint appointment with Prince Henry and Prince of Wales Hospitals.

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## School of Medicine

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**Chairman**

Professor J. B. Hickie

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## The Prince Henry and The Prince of Wales Hospitals

**Associate Professor and Acting Head of Department**

Alfred William Steinbeck, MD BS *Syd.*, PhD *Lond.*, FRCP, FRACP

**Professor of Medicine**

Vacant

**Professor of Neurology**

\*James Waldo Lance, CBE, MD BS *Syd.*, FAA, FRCP, FRACP

**Associate Professors**

\*Michael Anthony, OBE, MD BS *Syd.*, FRCP, FRACP

Terry Dorcen Bolin, MB BS *Syd.*, MD N.S.W., DCH *Lond.*, FRCP, FRACP, MRCPed

\*Clement Russell Boughton, MB BS DTM&H *Syd.*, MD N.S.W., FRCP, FRACP

\*David James Burke, MD N.S.W., FRACP

Hal John Hester Colebatch, MD BS *Adel.*, FRACP

Alan Edward Davis, MD BS *Syd.*, BSc MA *Oxf.*, FRCP, FRACP

\*Bryan Harle Gandevia, MD BS *Melb.*, FRACP

Graham Jon Macdonald, BSc(Med) MB BS *Syd.*, MD N.S.W., FRACP, FRCP

\*Ian Provan Cathcart Murray, MD ChB *Glas.*, FRCPed, FRACP

David Emil Leon Wilcken, MD BS *Syd.*, FRCP, FRACP

**Associate Professor in Diagnostic Radiology**

\*Frederick John Palmer, MB ChB *Sheff.*, DMRD *Lond.*, FRCP, FRACP, MRCP

**Senior Lecturer**

John David Gillies, MB BS *Syd.*, MD N.S.W., FRACP

**Professional Officers**

Clifford Ng, MSc N.S.W.

Peter William Owen, MSc N.S.W.

Helen Margaret Theile, BSc *Qld.*, MSc N.S.W.

\*Conjoint appointment with Prince Henry and Prince of Wales Hospitals.

---

## St George Hospital

**Professor of Medicine and Head of Department**

Colin Nicholson Chesterman, MB BS *Syd.*, DPhil *Oxf.*, FRACP, FRCPA

**Professor of Medicine**

William Robert Pitney, MD BS *Melb.*, FRACP, FRCPA

**Senior Lecturers**

David John de Carle, MB BS N.S.W., FRACP

††John Patrick Edmonds, MB BS *Syd.*, FRACP

Donald Sidney Pryor, MD BS *Syd.*, FRACP

**Lecturers**

††Peter Anthony Barrett, MB BS N.S.W., FRACP, FACC

††John James Burke, MB BS *Syd.*, FRACP

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## St Vincent's Hospital

**Professor of Medicine and Head of Department**

John Bernard Hickie, AO, MB BS *Syd.*, FRCP, FRACP, FACC

**Associate Professors**

\*\*James Crawford Biggs, MB BS *Syd.*, DPhil *Oxf.*, FRACP, FRCPA

\*\*Donald John Chisholm, MB BS *Syd.*, FRACP

Ronald Penny, MD BS *Syd.*, DSc N.S.W., FRACP, FRCPA

Michael Francis O'Rourke, MD BS *Syd.*, FRACP

**Senior Lecturers**

\*\*David Hamilton Bryant, MD BS *Syd.*, FRACP

\*\*Paul Darveniza, MD BS *Syd.*, FRACP, AAAN

Donald John Frommer, BSc MD BS *Lond.*, FRACP, MRCP

\*\*Michael Anthony McGrath, MB BS *Syd.*, MD N.S.W., FRACP

Leon Abraham Simons, BSc(Med) MD BS *Syd.*, FRCP, FRACP

**Lecturer**

\*\*James Michael Hayes, MB BS *Syd.*, FRACP

††Conjoint appointment with St George Hospital.

\*\*Conjoint appointment with St Vincent's Hospital.

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## School of Obstetrics and Gynaecology

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### Professor of Obstetrics and Gynaecology and Head of School

Michael Julian Bennett, MB ChB MD *CapeT.*, FRACOG, FCOG(SA), MRCOG

### Associate Professor

Barry George Wren, MB BS *Syd.*, MD MHPed *N.S.W.*, FRCOG, FRACOG

### Senior Lecturers

Graeme Jackson Hughes, MB BS *N.S.W.*, FRACOG, MRCOG  
David Charles Ross Macourt, MB BS *Syd.*, FRCSEd, FRACOG, MRCOG

### Lecturer

Leo Robin Leader, MB ChB *CapeT.*, FRACOG, FCOG(SA), MRCOG, DARCS

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## School of Paediatrics

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### Professor of Paediatrics and Head of School

John Beveridge, AO, MB BS *Syd.*, FRACP

### Associate Professors

\*Aubrey Charles Bowring, MB BS *Syd.*, FRCS, FRCSEd, FRACS  
Jagdish Mitter Gupta, MB BS *Malaya*, MD *Sing.*, DCH *Lond.*, FRCPEd, FRACP  
Darcy William O'Gorman Hughes, MB BS *Syd.*, MD *N.S.W.*, FRACP  
Leslie Herbert Stevens, MB ChB BSc *N.Z.*, PhD *Lond.*, FRACP

### Senior Lecturers

Gabriel Antony, MD *Bud.*, FRACP, LRCPSEd, LRFPSGlas, DABP, DABPE  
John Douglas Mitchell, MB BS *Melb.*, FRACP  
\*John Bernard Ziegler, MB BS *Syd.*, FRACP

\*Conjoint appointment with Prince Henry and Prince of Wales Hospitals

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## School of Pathology

---

### Professor of Pathology and Head of School

Athol William John Lykke, MD BS *Adel.*, FRCPA, MRCPATH

### Professor of Pathology

\*Bruce Albert Warren, BSc(Med) MB BS *Syd.*, DPhil *Oxf.*, FRCPA, MRCPATH

### Associate Professor

\*Douglas Duncan Smith, MD ChB *Glas.*, FRCPA, MRCPATH

### Senior Lecturers

Shirley Grace Higgins, MB BS *Syd.*, MD *N.S.W.*  
Cameron Rolfe Howlett, BVSc PhD *Syd.*, MRCVS, MACVSc  
Ruth Evelyn Mitchell, BMedSc MD ChB *Otago*, DCH *Lond.*  
\*\*Vincent Frederick Munro, MB BS DCP *Syd.*, FRCPA  
§Robert Andrew Osborn, MD BS BSc *Lond.*, FRCPA, FRCPATH, MRCPed, MAACB, MIAC  
Denis Wakefield, MB BS *N.S.W.*, FRACP, FRCPA  
Jimmy Leng Chai Yong, BSc(Med) MB BS PhD *N.S.W.*

### Lecturer

Rakesh Kamal Kumar, MB BS *All India IMS, New Delhi*, PhD *N.S.W.*

### Honorary Associate

Gordon Thomson Archer, MB BS DCP *Syd.*, FME, FRCPA, MRACP

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## School of Physiology and Pharmacology

---

### Professor of Physiology and Head of School

Walter Ernest Glover, MD BCh BAO DSc *Belf.*, FRACP

### Professor

†Douglas Ian McCloskey, BSc(Med) MB BS *Syd.*, DPhil *Oxf.*, DSc *N.S.W.*, FRACP

### Professor of Clinical Pharmacology

Denis Newell Wade, BSc(Med) MB BS *Syd.*, DPhil *Oxf.*, FRACP

\*Conjoint appointment with Prince Henry and Prince of Wales Hospitals  
\*\*Conjoint appointment with St Vincent's Hospital  
§Conjoint appointment with Royal Hospital for Women  
†In the field of physiology.

**Associate Professors**

Robert Alastair Beveridge Holland, MD BS Syd., FRACP  
 Eugenie Ruth Lumbers, MD BS Adel.  
 Mark Joseph Rowe, BPharm MSc Syd., PhD N.S.W.

**Senior Lecturers**

Peter Hosford Barry, BSc PhD Syd.  
 John Joseph Carmody, MD BS Qld.  
 David George Garlick, BSc(Med) MB BS Syd., PhD A.N.U.  
 \*\*David Brunton Gibb, BSc(Med) MB BS Syd., DOBstRCOG Lond.,  
 FFARCS, FRCS, FFARACS  
 Gary George Graham, MSc PhD Syd.  
 Bruce Stanley Nail, BSc W.Aust., DPhil Oxf.

**Lecturers**

\*Dennis Robert Kerr, MB BS N.S.W., FFARCS, DipABA  
 Ian Richard Neering, BSc PhD N.S.W., MSc Syd.

**Senior Tutors**

Gillian Phyllis Courtice, BSc PhD Syd.  
 Dana Domnica Jamieson, MSc Syd.

**Tutors**

Dale Gregory Ferrington, BSc PhD N.S.W.  
 Maureen Leslie Revington, BVSc BSc Syd.  
 Francine Gabriel Smith, BSc N.S.W.

**Teaching Fellow**

Nino Quartararo, BSc N.S.W., BVSc Syd.

**Professional Officers**

Kenneth Harry Curtis, AIST(Lond)  
 Jamie Phillip Rist, BE N.S.W.

**Honorary Visiting Professor**

Frederick Colin Courtice, MA DPhil Oxf., DSc Syd., LRCP, MRCS,  
 FRACP, FRACS, FAA

**Analyst/Programmer**

Russell Robinson, BE N.S.W.

**Administrative Assistant**

Anthony John Zanderigo

\*\*Conjoint appointment with St Vincent's Hospital  
 \*Conjoint appointment with Prince Henry and Prince of Wales Hospitals

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**School of Psychiatry**

---

**Professor and Head of School**

Gordon Barraclough Parker, MB BS Syd., MD N.S.W., FRANZCP

**Professor**

\*John Ewart Cawte, MD BS Adel., DPM Melb., PhD N.S.W.,  
 FRANZCP, FRCPsych, FAPA

**Associate Professors**

John Gavin Andrews, ChB MD Otago, DPM Melb., FRANZCP,  
 MRCPsych  
 Nathaniel McConaghy, MB BS Qld., BSc MD DPM Melb., FRANZCP

**Senior Lecturers**

Ronald Ford Barr, MB ChB Glas., MD N.S.W., DPM(RCP&RCS),  
 FRANZCP, MRCPsych  
 \*Neil Steven Buhrich, MB BS Syd., MD N.S.W., DPM Lond.,  
 MRCPsych  
 \*Florence Levy, MB BS Melb., MPh Yale, MD N.S.W., MRANZACP  
 Susie Eva Maria Owen, MB BS Syd., MD N.S.W., DCH Glas.,  
 DPM(RCP&RCS), FRANZCP  
 \*Richard John Perkins, MB BS Lond., DPM(RCP&RCS), MRCPsych  
 \*Noel Maurice Wilton, MB BS Syd., FRACP FRANZCP

**Lecturers**

\*Henry Brodaty, MB BS Syd., FRACP, MRANZCP  
 \*\*James Graham Durham, MB BS Adel., DPM Melb., FRANZCP  
 Gaye Emily Keir, BA PhD N.S.W.

**Tutors**

David Shane Cottrell, BSc N.S.W.  
 Susan Lorraine Morris, BSc N.S.W.

**Honorary Visiting Fellows**

Megan Denise Neilson, BSc Syd., PhD N.S.W.  
 Kay Wilhelm, MB BS N.S.W., FRANZCP

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**School of Surgery**

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**Chairman**

Professor R. L. Huckstep

---

**The Prince Henry and The Prince of Wales Hospitals**

---

**Professor of Surgery and Head of Department**

Gerald Francis Murnaghan, MD ChM Edin., FRCS, FRCSEd, FRACS

\*Conjoint appointment with Prince Henry and Prince of Wales Hospitals  
 \*\*Conjoint appointment with St Vincent's Hospital

**Associate Professor of Ophthalmology**

Frederick Cossom Hollows, MD ChB N.Z., DO Lond., FRCS

**Associate Professors**

John MacKenzie Ham, MD BS Syd., FRACS

\*Kevin Mead, MB BS Syd., DMRT Lond., FRCR, FRACR

\*John Saxon Wright, MB BS Syd., FRACS, FACS

**Senior Lecturers**

Graham Leonard Newstead, MB BS Syd., FRCS, FRACS, FACS

Bryan Wheaton Yeo, MB BS Syd., FRCS, FRACS

**Professional Officer**

Margaret Anne Rose, BVSc Syd., PhD N.S.W.

---

**St George Hospital**

**Professor of Surgery and Head of Department**

Robert Mervyn Mitchell, BMedSc Otago, MB ChM N.Z., FRCS, FRACS

**Associate Professors**

David Robert Hunt, MD BS Syd., FRACS

Christopher John Magarey, BSc(Med) MB MS Syd., FRCS, FRACS

**Lecturer**

††William Monaghan, MB BS Syd., FRACGP

---

**St Vincent's Hospital**

**Professor of Surgery and Head of Department**

Graham Douglas Tracy, MB BS Syd., FRCS, FRACS, FACS

**Associate Professor**

Reginald Sidney Albert Lord, MD BS Syd., FRCS, FRACS

**Senior Lecturer**

David Alexander Hill, MB BS Syd., MS N.S.W., FRCS, FRACS, FRCSEd

**Lecturer**

Anthony Robert Graham, MB BS Syd., FRCS, FRACS

\*Conjoint appointment with Prince Henry and Prince of Wales Hospitals.

††Conjoint appointment with St George Hospital.

---

**Department of Anaesthetics and Resuscitation**

**Associate Professors**

\*\*Gordon Alfred Harrison, MB BS Syd., FFARACS

\*Thomas Andrew Gabriel Torda, MB BS Syd., MD N.S.W., DA Lond., DipABA, FFARCS, FFARACS

**Senior Lecturers**

\*George Madgwick Davidson, MB BS DA Syd., FFARACS

\*\*Brian Francis Horan, MB BS Syd., FFARCS, FFARACS

**Lecturer**

§Colin Richmond Climie, MB ChB N.Z., FFARCS, FFARACS

---

**Department of Traumatic and Orthopaedic Surgery**

**Hugh Smith Professor of Traumatic and Orthopaedic Surgery and Head of Department**

Ronald Lawrie Huckstep, CMG, MA MD Camb., FRCSEd, FRCS, FRACS, FTS

**Graduate Assistant**

Donald Heaton, BA N.S.W.

---

**Animal Facilities**

**Director**

Vacant

---

**Biomedical Mass Spectrometry Unit**

**Manager**

Alan Malcolm Duffield, BSc PhD W.Aust., FRACI

**Professional Officer**

Gary Low, BA Canberra C.A.E., BSc Syd., BEc A.N.U., MChem N.S.W.

\*\*Conjoint appointment with St Vincent's Hospital.

\*Conjoint appointment with Prince Henry and Prince of Wales Hospitals.

§Conjoint appointment with Royal Hospital for Women.

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## Regional Teacher Training Centre for Health Personnel

---

### Director

Professor Kenneth Russell Cox, MB BS *Melb.*, MA *Mich.State*, FRCS, FRACS, FACS

---

## Committee in Postgraduate Medical Education

---

### Honorary Director

Harold Kramer, MB ChB *CapeT.*, DPhil *Oxf.*, FRCPA, FCRPath, FRACP, FACMA, FAACB

### Program Co-ordinator

Charles Paul Moess, DJur *E.L.*, BA Syd., MHPed *N.S.W.*

---

## Electron Microscope Unit

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### Electron Microscopist

Melvyn Roderick Dickson, BSc *N.Z.*, PhD *A.N.U.*, DipRMS

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## Medical Illustration Unit

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### Officer-in-charge

Kenneth Walter Deason, AIMBI, ARPS, AIAP

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## Clinical Teaching Administration

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### Teaching Hospitals

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### The Prince Henry and Prince of Wales Hospitals

#### Senior Administrative Officer (Medical)

Maxwell Elmore Cochrane Thorpe, MB BS Syd., MD *N.S.W.*, FRACP

#### Administrative Assistant

Juliet Mary Melville Ackery

---

## St George Hospital

### Warden of Clinical Studies

Benedetto Haneman, MB BS Syd., FRACP

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## St Vincent's Hospital

### Warden of Clinical Studies

Marguerite Nash Weston, MB BS Syd., FRACP

### Administrative Assistant

Ann Elizabeth Walsh

---

## Royal Hospital for Women

### Warden of Clinical Studies

Edward Graham Bosch, MB BS Syd., MRCOG

---

## Associated Hospitals

---

## Canterbury Hospital

### Honorary Clinical Supervisor

Reginald Laris Walker, MB BS Syd., FRCPEd

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## Lewisham Hospital

### Honorary Clinical Supervisor

Gregory John Leslie, MB BS Syd., FRCS, FRACS

---

## Sutherland Hospital

### Clinical Supervisor

George Meredith Stathers, MB BS Syd., FRACP

## Royal Military College, Duntroon, ACT

# Faculty of Military Studies

*Comprises Departments of Chemistry, Civil Engineering, Computer Science, Economics, Electrical and Electronic Engineering, English, Geography, Government, History, Mathematics, Mechanical Engineering, Physics; with tuition in Military Art, Military Science, and Military Technology.*

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Professor G. V. H. Wilson

### Assistant Dean

C. G. J. Streatfield

### Chairman

Professor A. D. Gilbert

### Associate Professor

Josef Wilczynski, BSc(Econ) PhD *Lond.*, BEd *Melb.*, MEc *A.N.U.*, DSc *N.S.W.*

### Secretary

Roy William Osmac Pugh, BE *Syd.*, BA *A.N.U.*, psc

### Senior Graduate Assistant

John Dennis Harverson, BSc *N.S.W.*, AAFST, psc

### Graduate Assistants

Marcia Annette Daniel, BA *Syd.*

Peter Frank Kowald, BA DipEd *Syd.*

Rosemary Michele Laurie, BA *Tas.*

Sally-Ann Phillips, BA *Monash*

---

## Department of Chemistry

---

### Professor of Chemistry and Head of Department

Richard Bearman, AB *Corn.*, PhD *Stan.*, FAIC, FRACI

### Associate Professor

William Gregory Jackson, BSc PhD *Melb.*, ARACI

### Senior Lecturers

Norman David Hamer, BSc *Arizona State*, PhD *M.I.T.*, ARACI

Dennis Joseph McHugh, BSc *Syd.*, PhD *N.S.W.*, ARACI

Richard Alan Russell, BSc *Tas.*, PhD *A.N.U.*, CChem, MRSC

Eldon Percy Serjeant, MSc *N.S.W.*

John William Tardif, MSc *Syd.*

### Lecturer

Shiu Pang Lee, BSc *H.K.*, MA PhD *N.Y. State*, ARACI

### Senior Research Scientist

Benjamin Colin Freasier, BSc PhD *Louisiana State*, ARACI

### Research Officer

Dennis John Isbister, BSc *N.S.W.*, MSc *Indiana*, PhD *N.S.W.*

### Senior Programmer

Donn Lewis Jolly, BS PhD *Flin.*

---

## Department of Civil Engineering

---

### Professor of Civil Engineering and Head of Department

Vacant

### Senior Lecturer and Acting Head of Department

John Sneddon, BSc(Tech) *N'cle. (N.S.W.)*, BE PhD *N.S.W.*, MIEAust

### Senior Lecturers

Alan John Bonham, BSc(Eng) *Lond.*, MEngSc *N.S.W.*, AKC, CEng, MICE, MIWE, MIEAust

Bruce Wilfrid Golley, BE *Adel.*, MSc(Eng) PhD *Qu.*, MIEAust, AMASCE

Muhammad Naseerul Haque, BSc(Eng) *W.Pak. Eng.*,

MEng *A.I.T. Bangkok*, PhD *N.S.W.*, MIEAust, MASCE, MACI

### Lecturer

Joseph Petrolito, BE *Qld.*, DipE *R.M.I.T.*

#### Professional Engineer

Machumpurath Koru Kutty Gopalan, BSc(Eng) *Kerala*, PhD *N.S.W.*

#### Teaching Fellow

Mark Andrew Hamstead, BE *Syd.*

---

## Department of Computer Science

---

#### Professor of Computer Science

Vance Gledhill, BSc *Syd.*, PhD *Melb.*

#### Senior Lecturers

George William Gerrity, MSc *Sask.*, PhD *A.N.U.*

Andrew John Quaine, BEE BSc *Melb.*, MSc *A.N.U.*

#### Lecturer

David Hunter Anderson, BSc *N.S.W.*, PhD *A.N.U.*

#### Teaching Fellow

Roger William Brown, BSc *Melb.*

#### Tutor

Peter Lewis Harding, BSc *W.Aust.*, MSc *Macq.*, DipEd *N.E.*

#### Professional Engineer

Michael John Ellis, BSc(Eng) *N.S.W.*

---

## Department of Economics

---

#### Professor of Economics and Head of Department

Wolfgang Ernst Kasper, Staatl gepr Ubers, Dipl Volksw *Saarbr.*,  
Dr rer pol *Kiel*

#### Senior Lecturer

Kenneth George Gannicott, MA *Sus.*

#### Lecturers

Jeffrey William Bennett, BAgEc *N.E.*, PhD *A.N.U.*

Robert Ian McEwin, BBus *Mitchell C.A.E.*, MCom *N'cle.(N.S.W.)*

Abul Mansur Mohammad Masih, MA *Dacca*, MA(Econ) *Manc.*,  
PhD *Leeds*

Tam On Kit, BSSc *Chinese H.K.*, PhD *La T.*

#### Teaching Fellow

Philip Anthony O'Hara, BA *W.A.I.T.*, BA *Murd.*, DipEd *W.Aust.*

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## Department of Electrical and Electronic Engineering

---

#### Professor of Electrical Engineering and Head of Department

Harry Edward Green, ME *Adel.*, PhD *Ohio State*, FIEAust,  
FIREEAust, SMIEEE, jssc

#### Senior Lecturers

John Desmond Cashman, BE PhD *N.S.W.*, BA MSc *A.N.U.* MIEEE,  
MIEAust

Michael Charles Cavenor, BSc *Aston*, PhD *N.E.*, MIEEE, MIEAust

Geoffrey Cochrane, BSc *Lond.*, PhD *N.E.*, MInstP, SMIREEAust

Cyril George Joseph Streatfield, BSc(Eng) *Lond.*, CEng, MIEE,  
MIEAust

#### Lecturer

John Frederick Arnold, BE MEngSc *Melb.*, GradIEAust

---

## Department of English

---

#### Professor of English and Head of Department

Harry Payne Heseltine, BA *W.Aust.*, MA PhD *Louisiana State*

#### Associate Professors

John Tudor Laird, MA *Syd.*

William Henry Wilde, MA DipEd *Syd.*, MACE

#### Senior Lecturer

Barry Geoffrey Andrews, MA *N.S.W.*, DipEd *Syd.*

#### Lecturers

Joy Wendy Hooton, BA MPhil *Lond.*

Kenneth Bruce Moore, MA *Melb.*

#### Tutor

Jeffrey Cameron Doyle, BSc BA *Syd.*

---

## Department of Geography

---

#### Professor of Geography and Head of Department

Bruce Graham Thom, BA *Syd.*, PhD *Louisiana State*

**Associate Professor**

Eric Richard Woolmington, MA Syd., PhD N.E.

**Senior Lecturers**

James Sidney Burgess, MA PhD Cant.

Laurence John Olive, BSc N.E., MSc Tas.

William Arthur Rieger, MA Tor., PhD Syd.

**Lecturer**

Paul Joseph Tranter, BA PhD N'cle.(N.S.W.)

**Tutor**

Kevin James Frawley, BA W.Aust., PhD A.N.U.

---

## Department of Government

---

**Professor of Government and Head of Department**

Brian Dugan Beddie, BA Syd., PhD Lond., FASSA

**Senior Lecturers**

Ellis David Daw, BEc Syd., MA A.N.U.

William Hugh Smith, BSc(Econ) MPhil Lond., PhD A.N.U.

Carlyle Alan Thayer, AB Brown, MA Yale, PhD A.N.U.

**Lecturer**

Malcolm Hugh Mackerras, BEc Syd.

---

## Department of History

---

**Professor of History and Head of Department**

Alan David Gilbert, MA A.N.U., DPhil Oxf.

**Associate Professor**

John Rodway Robertson, MA W.Aust. and A.N.U.

**Senior Lecturers**

Francis Michael Cain, MA Adel., PhD Monash

Peter John Dennis, BA Adel., MA PhD Duke, DipT(Sec) Adel. TC., FRHS, FRSA

John Malcolm McCarthy, BA Qld., MA N.S.W., PhD A.N.U.

Roger Clark Thompson, BA DipEd Melb., PhD A.N.U.

Gerald Patrick Walsh, MA DipEd Syd., MA A.N.U.

**Tutor**

Gregory James Pemberton, BA N.S.W. and Syd.

**Teaching Fellow**

Jeffrey Guy Grey, BA A.N.U.

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## Department of Mathematics

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**Professor of Mathematics and Head of Department**

John Carlyle Burns, MSc N.Z., MA Camb., PhD Manc.

**Senior lecturers**

Bruce Alan Barnes MSc DipEd Syd.

Neville John de Mestre, BSc DipEd Syd., MSc W.Aust., PhD N.S.W.

Trevor Parkes, BSc Manc., MSc A.N.U.

**Lecturers**

Edward Arthur Catchpole, BSc Lond., MSc Kent, PhD Dund.

Peter Donald McIntyre, BSc PhD A.N.U.

**Teaching Fellow**

Wendy Rosemary Catchpole, BSc Lond., MSc Dund.

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## Department of Mechanical Engineering

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**Professor of Mechanical Engineering and Head of Department**

Robert Kirby Duggins, BSc(Eng) Lond., PhD Nott., CEng, FIEAust, MIMechE

**Senior Lecturers**

Gai Sudhir Laxman, BE Karn., MSc Belf., PhD Brist.

David Brian Steward, BE N.S.W., ME PhD N'cle.(N.S.W.), ASTC, MIEAust

**Lecturers**

John Patrick Baird, BSc PhD A.N.U.

Ian William Linnett, BE MEngSc Syd.

**Professional Engineer**

Colin Francis Vaskess, BE Syd., BSc Adel.

**Teaching Fellow**

Michael John Harrap, BE Melb.

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## Department of Physics

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### Senior Lecturer and Acting Head of Department

Donald Hugh Chaplin, BSc PhD *Monash*, MAIP

### Professor of Physics

Geoffrey Victor Herbert Wilson, MSc DSc *Melb.*, PhD *Monash*, FAIP, MIIR

### Senior Lecturers

Dudley Cecil Creagh, BSc DipEd *Qld.*, MSc *N.E.* and *Brist.*, PhD *N.S.W.*, FAIP, MinstP

Edwin Dennis, MSc *Adel.*, PhD *A.N.U.*, GradAIP

Herbert Reginald Foster, BSc *Syd.*, MSc *A.N.U.*, PhD *N.S.W.*

Robert William Noel Kinnear, MSc *N.Z.*, PhD *N.S.W.*, GradAIP

Peter Lynam, BSc *Birm.*, PhD *S'ton.*, FAIP, MinstP

### Lecturers

Stewart James Campbell, BSc *Aberd.*, MSc *Salz.*, PhD *Monash*, FAIP, MinstP

Dennis Keith Fowler, MSc *N.E.*

### Teaching Fellow

Philip James Back, BSc *Adel.*, MSc *N.S.W.*, GradAIP

### Professional Engineer

Douglas James Mayson, BSc *A.N.U.*, ME *N.S.W.*, MIREE

### Research Officers

James Melville Boehm, BSc PhD *Melb.*

Michael Peter Kopp, DipPhys PhD *Berl.*

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## Bridges Memorial Library

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### The Librarian

Lynn Reagan Hard, BA *Calif. State*, MS *S.Calif.Coll.*, ALAA

### Senior Librarians

Patricia Susan Beatty, BA *Melb.*, GradDip *Canberra C.A.E.*

Jan Margaret Blank, BA *Qld.*, GradDip *Canberra C.A.E.*, ALAA

### Librarians

Geoffrey Ian Collins, BSc *Monash*, GradDip *Canberra C.A.E.*

Sylvia Anne Jones, BA *Canberra C.A.E.*

Paulette Maree Paterson, BA *Riverina C.A.E.*

### Programmer

Roger Philip May, AACIS

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## Computer Centre

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### Manager

Malcolm Charles Smith, ME *N.S.W.*, MACM, MIEEE, MACS

### Programmers

Phillip Stanley Collard, BMath *N'cle.(N.S.W.)*,

GradDipCompStud *Canberra C.A.E.*

Thomas Charles Layton, BSc *A.N.U.*

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### The following members of the staff of the Royal Military College, Duntroon, have been appointed members of the Faculty:

#### Department of Mechanical Engineering

A. R. Watson, BE *Qld.*, MSc *Manc.*, CEng, MIMechE, MIEAust

#### Department of Computer Science

D. L. Hoffman, BA *A.N.U.*

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### The following military officers have also been appointed members of the Faculty:

#### Commandant, Royal Military College, Duntroon

Major-General H. J. Coates, MBE, rcds, jssc, psc, BA *W.Aust.*, MA *A.N.U.*

#### Director of Military Art, Royal Military College, Duntroon

Colonel B. H. Mitchell, jssc, psc, G

#### Student Counsellor

Lieutenant-Colonel M. J. Eley, BEc *A.N.U.*, DipEd *Syd.*, GradDipStats *Canberra C.A.E.*, MAPsS, AAPsychCorps

#### Commanding Officer of the Corps of Staff Cadets

Lieutenant-Colonel S. A. Sainsbury, psc, BA(Mil) *N.S.W.*, RAInf

#### Chief Instructor

Lieutenant-Colonel R. F. Sutton, MC

#### Staff Officer 2 (Personnel)

Major M. K. McDermott, RAInf

#### Company Commanders

Major N. R. Churches, RASigs  
Major P. R. Daymond, t, RACT  
Major P. M. Gumbley, DipMilStud, RAInf  
Major J. F. Hickey, RAA  
Major N. G. Miller, BE N.S.W., RAE  
Major R. W. Shoebridge, BA(Mil) N.S.W., RAAC

#### Instructors

Major J. R. Barrott, DipMilStud, RNZA  
Major P. M. Coleman, psc, RAAC

#### Director of Training Operations

Colonel A. M. McDonald, psc, GradDipAdmin Canberra C.A.E.

#### Director of Training Plans

Colonel R. S. Buchan

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**The following members of the University located at Kensington have also been appointed members of the Faculty:**

Head of the School of Chemical Engineering and Industrial Chemistry: Professor D. L. Trimm  
Head of the School of Chemistry: Professor J. S. Shannon  
Head of the School of Civil Engineering: Professor R. Woodhead  
Head of the School of Economics: Professor J. R. Hewson  
Head of the School of Electrical Engineering and Computer Science: Professor N. W. Rees  
Head of the School of English: Dr A. J. B. Johnson  
Head of the School of Geography: Professor B. J. Garner  
Head of the School of History: Dr J. E. Ingleson  
Head of the School of Mathematics: Professor G. Brown  
Head of the School of Mechanical and Industrial Engineering: Associate Professor G. de Vahl Davis  
Head of the School of Metallurgy: Vacant  
Head of the School of Physics: Professor H. J. Goldsmid  
Head of the School of Political Science: Professor D. M. McCallum  
Pro-Vice-Chancellor: Professor R. M. Golding  
Registrar of the University: Mr I. R. Way  
Associate Registrar of the University: Mr J. M. Gannon

## Faculty of Professional Studies

*Comprises Schools of Education, Health Administration, Librarianship and Social Work.*

#### Dean

Professor A. A. Hukins

#### Chairman

Professor M. Cooper

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### School of Education

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Professor of Science Education, Director of Science Teacher Courses and Head of School

Austin Adolphus Hukins, MSc DipEd Syd., PhD Alta., FACE

#### Professors of Education

\*Martin Cooper, BSc Manc., MA(Ed) Dal., PhD Ott., DipEd Syd.  
Desmond John Drinkwater, MA Syd., MA PhD Lond., ABPS, MAPS, MACE

#### Senior Lecturers

Robert John Barry, BSc N.S.W., BA PhD DipEd Syd., MSc Macq., FIOP, MAIP, MAPS, MSPR  
Rachel MacDonald Boyd, MA PhD Otago  
Colin Fraser Gauld, BSc PhD DipEd Syd., MAIP  
James Harry Gribble, BA PhD Melb., MPhil Lond.

\*Conjoint appointment with the Australian Graduate School of Management.

Colman Kevin Harris, BA MEd *Syd.*, PhD *N.S.W.*  
 Barry Charles Newman, BA MSc PhD *Syd.*  
 Michael Francis Petty, BA *Durh.*, MEd DipEd *Calg.*, PhD *Wis.*  
 Shelley Phillips, BA *Melb.*, PhD *Syd.*  
 Shirley Louise Smith, BA PhD *Syd.*  
 Robert Thomas Solman, BSc *N.S.W.*, BSc *Tas.*, PhD *A.N.U.*  
 John Sweller, BA PhD *Adel.*

#### Lecturers

Richard Martin Bibby, MA BD *Otago*, PhD *Monash*  
 Patricia Davies, BA *C.U.N.Y.*, MSc *Lond.*  
 Michael Robert Matthews, BA BSc MEd DipEd *Syd.*, PhD *N.S.W.*  
 Frederick Edward Trainer, MA PhD *Syd.*

#### Senior Administrative Officer

Jane Wholohan, BA DipEd *Syd.*

#### Programmer

Felicia Helen Mitchell, BA *Adel.*

#### Staff Detached from the New South Wales Department of Education

#### Lecturers

Patricia Kathleen Farmer, BA DipEd *N.S.W.*, LittB *N.E.*  
 Peter James Cochrane Hourigan, BEc *Syd.*  
 Rosemary Margaret Kearney, BA DipEd *N.S.W.*

### Unit for Child Studies

#### Director

Dr S. Phillips

## School of Health Administration

#### Professor and Head of School

George Rupert Palmer, BSc *Melb.*, MEd *Syd.*, PhD *Lond.*, FSS, FHA,  
 Hon. FRACMA

#### Associate Professors

Erica Margaret Bates, BA DipSocStud *Syd.*, PhD *N.S.W.*  
 John Colin Harris Dewdney, BA MD BS *Melb.*, SM *Harv.*, DPH *Lond.*,  
 DipFinMangt DipTertEd *N.E.*, FRACMA, FHA, MFCM, MACE

#### Senior Lecturers

Colin Grant, MA *Oxf.*, and *Brun.*, FHA  
 John Roger Bancks Green, PhD *N.S.W.*, ARIBA, ARAIA, AADipl  
 Graeme Kendle Rawson, BA *N.E.*, MA *Macq.*, PhD *N.S.W.*, MACE,  
 AHA

#### Lecturers

Philip William Bates, BCom LLB *N.S.W.*  
 Ann Brewer, BA *Macq.*, MCom *N.S.W.*  
 Sandra Jeanna Kirby, BA *N.E.*, MA *Macq.*,  
 DipNEd *N.S.W. Dept. of Health*, FCNA, MCN(NSW)  
 Helen Madeleine Lapsley, BA *Auck.*, MEd *Syd.*  
 Timothy John Phillips, MCom *N.S.W.*, DipEd *Syd.*  
 Bronwyn Richardson, BA DipEd *Macq.*, MCom *N.S.W.*  
 Miriam Smith, BA *Macq.*, MSc *Ariz.*

#### Tutor

Elizabeth McMaugh, BA *Syd.*, MSc *Lond.*

#### Administrative Assistant

Adrian L. Landa, BA *N.S.W.*

#### Honorary Associate

Trevor James Wood, MB BS *Melb.*, MHA *N.S.W.*, FRACP, FRACMA,  
 FHA

## School of Librarianship

#### Professor of Librarianship and Head of School

Melvin Weinstock, BSc *Rutgers*, MSc *Drexel*, ALAA

#### Associate Professor

Carmel Jane Maguire, BA *Qld.*, MA *A.N.U.*, FLAA

#### Senior Lecturers

Michael Robert Middleton, BSc *W.Aust.*,  
 MScSoc DipLib GradDip *N.S.W.*, ALAA  
 Jack Richard Nelson, MA *Syd.*, MLib *N.S.W.*, ALAA  
 Peter Orlovich, MA DipEd *Syd.*, MLib *N.S.W.*, ALAA  
 Patricia Willard, BA *N.E.*, MLib *N.S.W.*, ALAA

#### Lecturers

Ann Pederson, BA *Ohio Wesleyan*, MA *Georgia State*  
 Ida Catherine Vincent, MA *Camb.*, DipLib *Birm.Poly.*, MLib *N.S.W.*,  
 ALA, ALAA  
 Concepción Shimizu Wilson, BA *Pomona*, MSLS *N.C.*, MLib *N.S.W.*,  
 ALAA

#### Tutors

Madeleine Leonie Juchau, BA DipEd *Syd.*,  
 DipLibSc *Ku-ring-gai C.A.E.*, ALAA

#### Administrative Assistant

Raymond John Locke

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## School of Social Work

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### Professor of Social Work and Head of School

Tony Vinson, BA DipSocStud Syd., MA PhD DipSoc N.S.W.

### Professor of Social Work

Robert John Lawrence, BA DipSocSc Adel., MA Oxf., PhD A.N.U.

### Senior Lecturers

Maisry Elspeth Browne, BA DipSocStud Syd., MSW N.S.W.

Margaret Teresa Lewis, BSocStud Qld., MSW N.S.W.

Colin John Marshall, BA MSS DipSocWk DipCrim Syd.

### Lecturers

Rosemary Ellen Berreen, BSW N.S.W.

Charles Maxwell Ross Cornwell, BA BSocStud Qld.

Brian Anthony English, BSW N.S.W.

Damian John Grace, BA PhD N.S.W.

Deirdre Thelma James, BA Syd., PhD Macq.

Martin Scott Mowbray, BSW N.S.W., MSS Syd.

Sandra Lee Regan, BA Boston S.C., MSW EdM N.Y. State, PhD Rutgers

Richard John Roberts, BA DipEd N.E., BSocStud Syd.

Betsy May Wearing, BA LittB N.E., PhD N.S.W., ASTC

Jennifer Warner Wilson, BA BSocStud Syd., MSW N.S.W.

Keith Edward Windschuttle, BA Syd., MA Macq.

Diane Maree Zulfacar, BA DipSocWk Syd., MSW Smith

### Senior Tutor

Lyla Joy Rogan, BSW N.S.W.

### Tutors

Susan Joan Beecher, BA Macq., BSocStud Syd.

Elizabeth Aureena Fernandez, MA Madr.

Robert Charles Mowbray, BSc BSocStud Syd.

Brenda Smith, BA Manc., DiplApplSocSt Lond.

### Administrative Officer

Audrey Nancy Ferguson, BA DipSocStud Syd.

## Faculty of Science\*

*Comprises Schools of Chemistry, Mathematics, Optometry and Physics.*

### Dean

Professor V. T. Buchwald

### Chairman

Professor S. E. Livingstone

### Lecturer

Jason Harry Falla Middleton, BSc PhD Monash

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## School of Chemistry

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### Professor of Chemistry and Head of School

James Stanley Shannon, DIC PhD Lond., DSc Adel., FRACI

### Professor of Organic Chemistry and Head of Department of Organic Chemistry

David St Clair Black, MSc Syd., PhD Camb., AMusA, FRACI

\*For Board of Studies in Science and Mathematics, see later in this section.

## Professor of Physical Chemistry and Head of Department of Physical Chemistry

Peter John Derrick, BSc PhD *Lond.*, ARACI

## Professor of Theoretical and Physical Chemistry

Raymund Marshall Golding, MSc *Auck.*, PhD *Camb.*, FNZIC, FInstP, FRACI

## Professor of Inorganic Chemistry and Head of Department of Inorganic and Nuclear Chemistry

Stanley Edward Livingstone, PhD DSc *N.S.W.*, FSTC, FRACI, FRSC, CChem

## Professor of Analytical Chemistry and Head of Department of Analytical Chemistry

Vacant

## Executive Assistant to Head of School

W. J. Dunstan

## Administrative Officer

Frederick Ferris Lewis, CEng, MIREE

## Administrative Assistant

Dominic Vincent Portelli, BA *N.S.W.*

## Honorary Associates

Edward Ritchie Cole, MSc *Syd.*, PhD *N.S.W.*, FRACI

Lister Waverley Ormsby Martin, BSc *Syd.*, ARACI

Neville Charles Stephenson, MSc *Syd.*, PhD DSc *N.S.W.*, FRACI

## Honorary Visiting Fellow

Phyllis Lorraine Robertson, MSc *N.Z.*, PhD *Cant.*

## Professional Officers

Joseph John Brophy, BSc PhD *N.S.W.*, DipEd *Monash*, ARACI

Leonard Alexander Cherkson, BE PhD *Kiev*, MIEAust

Donald Chadwick Craig, BSc *Syd.*, MSc *N.S.W.*

Vladimir Djohadze, BSc *N.S.W.*

Richard James Finlayson, BSc *N.S.W.*, ARACI

Peter Anthony James, BSc *N.S.W.*, ASTC, ARACI

Derek Nelson, BSc DipEd *Belf.*

Huu-Phung Pham, BSc *Saigon*, PhD *N.S.W.*

Victor Arthur James Pickles, MSc *N.S.W.*, ASTC, ARACI

Charmaine Carmel Poole, BSc *N.S.W.*

James Francis Rockwell, BSc *N.S.W.*, ASTC

Graeme Thomas See, BSc *N.S.W.*, ASTC

Heinz Schneider, BE *N.S.W.*

Helen Shumsky, BSc *Odessa I.T.*

Richard Szczepanski, BSc *N.S.W.*

Nguyen Than Trong, MSc *N.S.W.*

Michael Keyes Withers, MSc *N.S.W.*

## Department of Analytical Chemistry

### Associate Professors

Douglas Peter Graddon, MSc PhD *Manc.*, DSc *N.S.W.*, FRSC, CChem, ARACI

Ian Kelvin Gregor, BSc *N.E.*, MSc PhD *N.S.W.*

### Senior Lecturers

Peter William Alexander, MSc PhD *Syd.*, ARACI

Sergio Dilli, BSc PhD *N.S.W.*, ASTC, ARACI

Jaroslav Petr Matousek, IngChem *T.U. Prague*, PhD *N.S.W.*, FRACI

### Lecturer

Paul Raymond Haddad, BSc PhD *N.S.W.*, DipMilStud, ARACI

### Senior Tutor

Ronald Stanley Haines, BSc PhD *N.S.W.*

### Tutors

Glen William Dillow, BSc *N.S.W.*

Anton Philip Taverne, BSc *N.S.W.*

## Department of Inorganic and Nuclear Chemistry

### Associate Professors

Douglas John Carswell, MSc PhD DipEd *Syd.*, CChem, FRACI, FRSC

Ian Gordon Dance, MSc *Syd.*, PhD *Manc.*, ARACI

Harold Andrew Goodwin, BSc PhD *Syd.*, ARACI

### Senior Lecturers

James Roy Backhouse, MSc *Syd.*, PhD *N.S.W.*

Mervyn Allan Long, MSc PhD, *Auck.*, ANZIC

David John Phillips, BSc PhD *Lond.*, ARACI

## Department of Organic Chemistry

### Associate Professor

Michael John Gallagher, MSc *Qld.*, PhD *Camb.*, FRACI

### Associate Professors

Peter Steele Clezy, BSc PhD *Tas.*, DSc *N.S.W.*, ARACI

George Crank, MSc *Qu.*, PhD *Monash*, CChem, MRSC

John Johnson Henry Simes, MSc DipEd *Syd.*, PhD *Liv.*, FRACI

### Senior Lecturers

Roger Bishop, BSc *St. And.*, PhD *Camb.*, ARACI

Norman William Herbert Cheetham, BSc PhD *Qld.*

John Lawrence Courtney, BSc PhD *N.S.W.*, ASTC, ARACI  
William John Dunstan, MSc *Syd.*, ARACI  
Peter Thomas Southwell-Keely, BSc *Syd.*, PhD *N.S.W.*  
John David Stevens, BSc *Tas.*, PhD *N.E.*, ARACI

## Lecturers

George Vernon Baddeley, BSc *Manc.*, DPhil *Oxf.*  
Robert Francis Toia, BSc PhD *W.Aust.*, ARACI

## Senior Tutors

Satya Narayana Murthy Durvasula, MSc *And.*, PhD *Syd.*, CChem, MRSC  
Inno Salasoo, BSc PhD *N.S.W.*, ASTC, ARACI

---

## Department of Physical Chemistry

### Associate Professors

John Lyndon Garnett, MSc *N.S.W.*, PhD *Chic.*, ASTC, FRACI  
Brian John Orr, MSc *Syd.*, PhD *Brist.*, FRACI

### Senior Lecturers

David Scott Alderdice, MSc *Syd.*, PhD *Lond.*  
Brian Raymond Craven, MSc PhD *N.S.W.*, ASTC  
William David Johnson, BSc *Syd.*, MSc *N.E.*, PhD *N.S.W.*  
Alan David Rae, MSc PhD *Auck.*, ANZIC

### Lecturers

Martin Peter Bogaard, BSc PhD *Syd.*  
Ruby Foon, MSc PhD *Melb.*  
Derek Richard Smith, BSc PhD *Wales*  
Gary David Willett, BSc PhD *LaT.*, ARACI

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## First Year Chemistry

### Director of First Year Classes in Chemistry

Tristan John Victor Findlay, BSc PhD *St.And.*, FRACI, FRSC, CChem

### Senior Lecturer

Norman Thomas Barker, MSc PhD *N.S.W.*

### Lecturers

Helen Jane Dyson, BSc PhD *Syd.*, ARACI  
Clive Reginald Taylor, BSc *Syd.*

### Senior Tutors

Peter See Kien Chia, MSc PhD *N.S.W.*  
Naseem Hasan Peerzada, MSc *Punjab*, PhD *LaT.*  
Joan Pauline Ross, BSc *Syd.*

### Tutors

Jeffrey John Gibson, MSc *Syd.*  
Derek Alan Harris, BSc *Macq.*

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## School of Mathematics

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### Professor of Pure Mathematics and Head of School

Gavin Brown, MA *St.And.*, PhD *N'cle.(U.K.)*, FAA

### Professor of Applied Mathematics

Viliam Teodor Buchwald, BSc *Manc.*, MSc PhD *Lond.*, FIMA

### Professor of Applied Mathematics

John Markus Blatt, BA *Cinc.*, PhD *C'nell. and Prin.*, FACS

### Professor of Pure Mathematics

Michael George Cowling, BSc *A.N.U.*, PhD *Flin.*

### Professor of Statistics

Abraham Michael Hasofer, BEE *Faruk*, BEc PhD *Tas.*, MIEAust

### Associate Professor and Director of First Year Studies

Angus Henry Low, MSc DipEd *Syd.*, PhD *N.S.W.*

### Senior Tutors

Donald Sidney Craig, BSc *Qld.*  
William Thomas Perrins, MA *Camb.*, DipEd *Mitchell C.A.E.*

### Tutors

James William Franklin, MA *Syd.*, PhD *Warw.*  
Jane Marie Lake, BSc *W.Aust.*  
Kevin Graham Mansfield, BSc *Auck.*  
Neil James Ormerod, BA PhD *N.S.W.*

### Professional Officer

Veronica Paul, BSc *Wales*, DipEd *N.E.*

### Administrative Officer

Margaret Alison Potter, BA DipEd *Syd.*

---

## Department of Pure Mathematics

### Associate Professor

John Harold Loxton, MSc *Melb.*, PhD *Camb.*

### Senior Lecturers

Peter Windeyer Donovan, BA *Syd.*, DPhil *Oxf.*  
 Mary Ruth Freislich, BA *Witw.*, MA *N.S.W.*  
 Jack David Gray, BA *Syd.*, PhD *N.S.W.*  
 David Christopher Hunt, BSc *Syd.*, MSc PhD *Warw.*  
 Ezzat Sami Noussair, BA BSc *Cairo*, PhD *Br.Col.*  
 John Frederick Price, MSc *Melb.*, PhD *A.N.U.*  
 Iain Raeburn, BSc *Edin.*, PhD *Utah*  
 John St Alban Sandiford, MSc *Syd.*  
 Dennis William Trennerry, BSc PhD *Adel.*

### Lecturers

Charles Dixon Cox, BSc DipEd *Qld.*  
 Shaun Anthony Requa Disney, BA BSc *Adel.*, DPhil *Oxf.*  
 Rodney Kelvin James, BSc PhD *Syd.*  
 Colin Eric Sutherland, BSc *Cant.*, PhD *Calif.*  
 David Graham Tacon, BSc *N'cle.(N.S.W.)*, PhD *A.N.U.*

### Senior Tutor

Michael David Hirschhorn, BSc *Syd.*, MSc *Edin.*, PhD *N.S.W.*

### Emeritus Professor

George Szekeres, DiplChemEng *Bud.*, Hon.DSc *N.S.W.*, FAA

### Honorary Associates

Gregory Maxwell Kelly, BSc *Syd.*, BA PhD *Camb.*, FAA  
 Alfred Jacobus van der Poorten, BSc PhD *N.S.W.*

---

## Department of Applied Mathematics

### Associate Professors

Michael Newton Barber, BSc *N.S.W.*, PhD *C'nell.*  
 Ian Hugh Sloan, BA BSc *Melb.*, MSc *Adel.*, PhD *Lond.*  
 William Eric Smith, MSc *Syd.*, and *Oxf.*, PhD *N.S.W.*, MInstP, MAIP

### Senior Lecturers

Brian James Burn, MSc *Otago*, PhD *Camb.*  
 Elvin James Moore, MSc *W.Aust.*, PhD *Harv.*  
 Alexander Hugh Opie, BSc DipEd *Melb.*, PhD *Monash*, FAIP  
 Kok-Lay Teo, BSc *Sing.*, MASc PhD *Ott.*, MIEEE, AMIEE

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## Department of Statistics

### Associate Professor

Clyde Arnold McGilchrist, BSc BEd *Qld.*, MSc PhD *N.S.W.*

### Senior Lecturers

Peter John Cooke, MSc *N.E.*, MS PhD *Stan.*  
 John Anthony Eccleston, BSc *Syd.*, MSc *Manc.*, PhD *C'nell.*  
 Anthony Gilbert Lewis Elliott, BSc *W.Aust.*  
 Manohar Khanderao Vagholkar, MSc *Bom.*, DIC PhD *Lond.*

### Lecturers

Ronald Bruce Davis, BSc *Syd.*, MSc *N.S.W.*, DipEd *N.E.*  
 Peter Petocz, BA PhD *N.S.W.*

### Professional Officer

Rhonda Gock, BSc MStats *N.S.W.*

### Honorary Associate

Geoffrey Kennedy Eagleson, BSc PhD *Syd.*

---

## Department of Theoretical and Applied Mechanics

### Senior Lecturers

Michael Leslie Banner, BE MEngSc *Syd.*, PhD *Johns H.*  
 John Desmond Fenton, BE MEngSc *Melb.*, PhD *Camb.*  
 William Dennis McKee, BSc *Adel.*, MSc *Flin.*, PhD *Camb.*

### Lecturers

Peter James Blennerhassett, BE *W.Aust.*, PhD *Lond.*  
 David Charles Guiney, BSc PhD *Adel.*  
 Douglas Edward Mackenzie, BSc *Tas.*, FIMA, MACE  
 David Allan Mustard, BSc *Syd.*, MSc *N.S.W.*  
 Richard Wyndham O'Brien, BE *N.S.W.*, PhD *Camb.*

### Senior Tutor

Albert Tator Daoud, BSc *R'dg.*, PhD *N.S.W.*, FInstP

### Honorary Associates

Captain Daniel James McKeegan, BSc *Syd.*, MSc PhD *N.S.W.*, RAN  
 Simon Jacques Prokhovnik, BA MSc *Melb.*

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## School of Optometry

### Professor of Optometry and Head of School

Hermann Barry Collin, BSc MAppSc PhD *Melb.*, LOSc VC.O., FAAO

### Associate Professor

Brien Anthony Holden, BAppSc *Melb.*, PhD *City*, LOSc VC.O., FAAO

### Senior Lecturers

John Andrew Alexander, MSc PhD *N.S.W.*, ASTC, FIO, FAAO  
 Stephen John Dain, BSc PhD *City*, FBCO, MIESAust

### Lecturers

Philip James Anderton, BOptom BSc *N.S.W.*, MScOptom *Melb.*

David Philip Crewther, MSc *Melb.*, PhD *Caltech*.  
Graham Leslie Dick, MSc *N.S.W.*, ASTC, FIO  
Daniel James O'Leary, MSc PhD *Wales*, FBOA, FSMC  
David Cecil Pye, MOptom *N.S.W.*

## Professional Officer

Angela Kathleen McCarthy, MSc *N.S.W.*, ASTC, FIO

## Tutors

Shoba Ayyar, BOptom *N.S.W.*  
Robin Esther Lee, BOptom *N.S.W.*

## Instructor

Ian William Robinson

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# School of Physics

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## Professor of Experimental Physics and Head of School

Hiroshi Julian Goldsmid, BSc PhD DSc *Lond.*, FAIP

## Professor of Experimental Physics

Kenneth Norman Robert Taylor, BSc PhD *Birm.*

## Professor of Physics

Vacant

## Professor of Theoretical Physics and Head of Department of Theoretical Physics

Heinrich Hora, DiplPhys *Halle*, DrRerNat *Jena*, DSc *N.S.W.*, FlInstP, FAIP

## Professor of Applied Physics

Vacant

## Associate Professors

Graham James Bowden, BSc DipAdvStudSc PhD *Manc.*  
Hans Gerard Leonard Coster, MSc PhD *Syd.*, MInstP, MAIP  
Dan Haneman, DSc *Syd.*, PhD *R'dg.*, FAIP  
John Charles Kelly, BSc *Syd.*, PhD *R'dg.*, DSc *N.S.W.*, FlInstP, MAIP, MAMPS

## Executive Assistant to Head of School

Dr J. R. Hanscomb

## Director of First Year Studies

Dr G. J. Russell

## Administrative Officer

Patricia Shaw, BCom *N.S.W.*

## Senior Lecturers

Peter Russell Elliston, BSc *Melb.*, PhD *Monash*  
Colin Trevor Grainger, BSc DipEd *Syd.*, MSc *N.E.*, PhD *N.S.W.*, MInstP, MAIP  
John Robert Hanscomb, BSc *Qld.* MSc PhD *N.S.W.*, MAIP, GrandInstP  
Erik Harting, BSc PhD *N.S.W.*, ASTC, MAIP  
Veronica Jean James, BA BSc *Qld.*, PhD *N.S.W.*, MAIP  
Zdenek Kviz, DipPhys *Brno*, CScRerNatDr *Charles*, PhD *Prague*  
Peter Mitchell, BSc PhD *Adel.*, MAIP  
George Lange Paul, MSc *Syd.*, PhD *Edin.*  
James Martin Pope, MSc *Brist.*, DPhil *Sus.*, AInstP  
Graeme John Russell, BSc PhD *N.S.W.*, MIP, MAIP  
Raymond Gary Simons, BSc *Syd.*, MSc *Tel Aviv*, PhD *N.S.W.*  
Kenneth Reid Vost, BSc *Glas.*, MSc PhD *N.S.W.*, AMAusIMM

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Kenneth Hulme Marsden, BSc *Lond.*, MSc *N.S.W.*, MAIP, ARCS  
David John Miller, BSc PhD *N.S.W.*, DipEd *Syd.*, MAIP, MAMPS, MAAPT  
John William Vanstan Storey, BSc *LaT.*, PhD *Monash*  
Betty Louise Turtle, BSc *Adel.*, PhD *A.N.U.*  
Joseph Albert Wolfe, BSc *Qld.*, PRD *A.N.U.*

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Ian Richard Dunn, BSc BA *Melb.*, MIEEE  
Edward Peter Eyland, BSc MPhysics *N.S.W.*, BD *Lond.*  
Martin Desmond Knight, BSc *N.S.W.*  
Paul Michael O'Halloran, BA *Macq.*, MEd *N.S.W.*

## Tutors

Terence Patrick Beven, BSc PhD *Tas.*, MAIP  
Paul McNamara, BSc *N.S.W.*  
Michael Ramsey, BSc *N'cle.(N.S.W.)*  
Sophia Sakellis, DipPhysics *Patras*, MSc *N.S.W.*  
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**\*\***Peter Brownell, BCom *Melb.*, MBA PhD *Calif.*

Roger Ryerson Collins, BSc *N.S.W.*, PhD *Macq.*

Lex Donaldson, BSc *Aston.*, PhD *Lond.*

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## Vice-Chancellor's Unit and Administration

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### Vice-Chancellor's Unit

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**Information Officer**

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**Journalist**

Gary O'Sullivan

**Publications Officer**

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**Publications Assistant**

Kevin Doig

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Barbara Vernon, BA A.N.U.

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Vacant

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**Programming Manager**

John Tindale, BSc Adel.

**Systems Analyst/Programmer**

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**Senior Analyst/Programmers**

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David Ian Horsfall, BSc N.S.W.

Phillip Edgar Johnstone, MSc Melb., ARMIT, MACS

James Murray, BSc Glas.

**Analyst/Programmers**

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Shu Fai Mok, BSc N.S.W.

Nick Nilov, BSc(Eng) N.S.W.

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Vladimir Kuperman, BSc(Eng) N.S.W.

**Programmer**

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**Librarian**

Sylvia Rogers, BA Syd., ALAA

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**Internal Audit**

**Senior Internal Auditor**

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**Auditor**

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**University Archives**

**University Archivist**

Laurence Thomas Dillon, BA Adel., DipArchivAdmin N.S.W., AAIM, ALAA

**Assistant University Archivist**

Kathleen Oakes, BA Syd., DipArchivAdmin N.S.W.

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**Nursing Sister**

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### Research Officer

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### Assistant Supervisor of Physical Recreation

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Dorin Sorea

#### Systems Programmer

Lyndal Elizabeth Parker

#### Database Administrator

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#### Operations Supervisor

Yvonne Marie Brown

### Systems Development

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Patricia Margaret Thorne, BSc *Syd.*

#### Analyst/Programmers

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#### Administrative Assistant

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### Cash Management and Investments

#### Assistant Bursar

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#### Assistant Engineer

Alan Ronald Parker, BSc(Tech) *N.S.W.*, MIEAust

#### Engineer (Energy Management)

Claude Naoum, BE *N.S.W.*

#### Maintenance Controller

Kevin Joseph Horsell

#### Curator

William Gregory Hart

---

### Patrol and Cleaning Services

#### Superintendent

Dennis Michael McMahon

#### Supervisor (Patrol)

Brian Stanley

#### Supervisor (Cleaning)

Ronald William Knox

---

## Administration

**Senior Administrative Officer**  
Terence John Flitcroft, BEc *Syd.*,

**Administrative Officer**  
Roger Michael Parks, BEc *Monash*

**Administrative Assistant**  
Philip Cheong, BA *N.S.W.*

---

## The University Union

---

**Warden**  
Halwyn Charles Serow, BCom *Qld.*, AASA(Senior)

---

## The Kensington Colleges

---

**Master**  
Kenneth William Bromham, ED, BA MEd DipEd *Syd.*

**Warden, Basser College**  
Joshua Indra Owen, BEc MBM *Adel.*, FASA, FCIS, FAIM, FlnstD, MACE

**Warden, Goldstein College**  
Iain Couperwhite, BSc PhD *Strath.*, MASM

**Warden, Philip Baxter College**  
Melvin Weinstock, BSc *Rutgers*, MSc *Drexel*, ALAA

---

## International House

---

**Warden**  
Emeritus Professor John Spurgeon Ratcliffe, MSc PhD *N.S.W.*, ASTC, CEng, FIREE, FIEAust, FICHEM

**Assistant Warden**  
June Hall

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## The New South Wales University Press Limited

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**Chairman of Directors**  
Allan Roy Horton, BA *Syd.*, FLAA

**General Manager**  
Douglas Sinclair Howie, BA *Br. Col.*, MA *N.S.W.*

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## The Prince Henry and Prince of Wales Hospitals

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**Chief Executive Officer**  
William Gingell Lawrence, BA *Syd.*, MHA *N.S.W.*

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## Unisearch Limited

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**General Manager and Secretary**  
Barry Rosenberg

**Business Manager**  
Ross Arch Lewis, BCom *N.S.W.*

**Services Officer (Legal)**  
Richard Pierre Cartmer

**Services Officer (Technical)**  
Stephen James Loveday, BA *N.S.W.*

**Accountant**  
Timothy John Symons, BFA *N.E.*

**Assistant Services Officer**  
Marie Jeanette Sykes

# Library

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## Administration Unit

---

### University Librarian

Allan Roy Horton, BA Syd., FLAA

### Associate Librarian

Robert Ziegler Langker, MA Syd., ALAA

### Senior Librarian

Roslyn Margaret Walker, BA Syd., ALAA

### Librarian

Peter Geoffrey Longrigg, BA P.N.G., DipLib Canberra C.A.E., ALAA

### Senior Administrative Officer

Ronald Walter Gilmour, BSc N.S.W., DipTech N.S.W.I.T.

---

## Technical Services Division

### Deputy University Librarian (Technical Services)

Adalbert Dobrovits, BA Syd., DipLib N.S.W., ALAA

### Librarian

Deborah Lee Encel, BA Syd., DipLib N.S.W.

---

## Acquisitions Department

### Acquisitions Librarian

Philippa Mary Hill, BA Syd., DipLib Canberra C.A.E.

### Deputy Acquisitions Librarian

Lionel John Robson, BA N.S.W., ALAA

### Senior Librarians

Lester Gerald Hovenden, BA Tas., ALAA

Elizabeth Jane Marcinko, BA Sask., DipLib N.S.W.

Paul Samuel Wilkins, BD Lond., ALA

### Part-time Senior Librarians

Johanne Elizabeth McLachlan, BA Qld., ALAA

Isabella Doris Trahn, BA Qld., DipLib N.S.W.

### Librarians

Susan Cheryl Peters, BA N.S.W., ALAA

Cornel Theunissen, BBibI S.A.

Roberta Seymour Whitehead, BA Syd., DipLib N.S.W.

---

## Cataloguing Department

### Head Cataloguer

Kerrie Edith Talmacs, BA Syd., DipLib N.S.W.

### Deputy Head Cataloguer

Shora Gertrude de Saxe, BA HDipLib Witw.

### Senior Librarians

Irene Smith, BA DipLib N.S.W.

Andrew Milton Wells, BSc Qld., ALAA

Janne Worsley, BA DipEd Tas.

### Librarians

Mary Angela Byrne, BA Syd., DipLib N.S.W.

Elizabeth Hau, BA A.N.U.

Marianne Ibrahim, BA DipLib N.S.W.

Bogdan Kazimierz Lewik, MEngPhil Lodz, DipLib N.S.W.

Reginald Musung, BSc Syd., DipLib N.S.W.

Thomas Pill, BA Syd., DipLib N.S.W., ALAA

Jane Fiona Russell, BA N.E., DipLib N.S.W.

---

## Systems Section

### Systems Manager

Geoffrey Alexander Vitlin, BSc BA Syd., MACS

### Systems Analysts

Andrew Michael McBurnie, BAppSc DipTech N.S.W.I.T., MACS

Patricia Orr, MBCS

Frederick Robert Piper, BA N.E.

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## Reader Services Division

### Deputy University Librarian (Reader Services)

Brian Douglass Foote, BSc Qld., DDS Tor., ALAA

### Audio Visual Librarian

Drummond William George McBain, BA St.And., DipLib N.S.W., ALAA

### Film Officer

Anthony Hill, BSc N.E., DipEd Tas.

### Reader Education Librarian

David George Reeder, BA Syd., DipLib N.S.W., ALAA

---

## Joint Services

### Senior Librarian

Brigitte Ingrid Hamann, BSc Syd., DipLib N.S.W., ALAA

---

## Biomedical Library

### Biomedical Librarian

George Thomas Franki, BDS Syd., DipLib N.S.W., ALAA

### Deputy Biomedical Librarian

Betty Waddell McEwin, BSc Adel., ARMIT, ALAA

### Senior Librarian

Frances Smith, BSc Qld., DipLib N.S.W.

### Librarians

Lesley June Ellis, BA Syd., DipLibSci Kuring-gai C.A.E.

Josephine Margaret Wall, BA DipLib N.S.W.

---

## Law Library

### Law Librarian

Robert Francis Brian, BA A.N.U., DipLib N.S.W., ALAA

### Deputy Law Librarian

John Paul Moulos, BEc Syd., LLB DipLib N.S.W., ALAA

### Senior Librarian

Margaret Selina Bettison, BA DipEd Adel., ALAA

### Librarians

Donald William Goodsell, BA LLB Auck., DipNZLS

Cheryl Susan White, BA N.S.W., ALAA

---

## Physical Sciences Library

### Physical Sciences Librarian

Marian Elizabeth Bate, MSc Syd., DipLib N.S.W.

### Deputy Physical Sciences Librarian

Dorothy Anne Basili, BA Syd., DipLib N.S.W.

### Senior Librarian

Pamela Alice Freeland, BA N'cle.(N.S.W.), ALAA

### Librarians

Elizabeth Anne Desailly, BA Qld., DipLib Canberra C.A.E.

Rhonda Joan Langford, BA Monash, DipLib R.M.I.T.

Margaret Mary Penson, BA DipEd DipLib N.S.W.

Margaret Rosemary Pratt, BA N.S.W., DipLib R.M.I.T.

Walter Duncan Rutherford, BA Syd., DipLib N.S.W.

---

## Water Research Library

### Senior Librarian

Vacant

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## Social Sciences and Humanities Library

### Social Sciences and Humanities Librarian

Vacant

### Deputy Social Sciences and Humanities Librarian

Pamela Margaret O'Brien, BEc Adel., DipLib N.S.W.

### Senior Librarian

Pasu Visvalingham Pasupathy, BA *Malaya*, DipEd *Syd.*,  
DipLib *N.S.W.*, ALAA

### Librarians

David Robert Cunningham, BEc *Monash*, DipLib *R.M.I.T.*  
Richard Henry D'Avigdor, BSc *Syd.*, DipLib *N.S.W.*  
Malcolm Ross Gordon, BSc *Syd.*, DipLib *N.S.W.*  
Mohammed Kazim, BA DipLib *N.S.W.*, ALAA  
Francis Alan Ventress, BA DipLib *N.S.W.*  
Hermine Margot Zeggelink, BA *A.N.U.*, DipLib *Canberra C.A.E.*

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### Undergraduate Library

#### Undergraduate Librarian

Patricia Frances Howard, BA *Syd.*, ALAA

#### Deputy Undergraduate Librarian

Carol Valerie Terry, BA *Syd.*, DipLib *N.S.W.*

### Librarians

Fiona Margaret Bathgate, BA DipLib *N.S.W.*  
Diann Christine Blackman, BA *Syd.*, DipLibSci *Kuring-gai C.A.E.*  
Judith Mary Bonner, BSW BA *Qld.*, MA *Syd.*, ALAA  
Caroline Ann Bowyer, BA DipEd *Syd.*, DipLib *N.S.W.*, ALAA  
Wendy Jane Docwra, BCom DipLib *N.S.W.*  
Rani Khuman, BA *Punj.*, DipLib *N.S.W.*  
Cheryl Nugent, BA DipEd *Syd.*, DipLib *N.S.W.*

### Part-time Librarians

Cecilia Croaker, BA *Syd.*, DipLib *N.S.W.*  
Millicent Lillah Easter, BA *Adel.*, DipEd *Flin.*, ALAA

## Former Officers of the University

### Chancellor Emeritus

Sir Robert Webster, CMG, CBE, MC, Hon.DSc, Hon.DSc,  
FASA 1970-1975

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### Chancellors

Wallace Charles Wurth, CMG, LLB, Hon.LLD, FSTC 1949-1960  
The Hon. Sir John Clancy, KBE, CMG, LLB, Hon.DLitt, Hon.LLD  
1960-1970

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### Deputy Chancellors

Roy William Harman, MSc, DS, FACI 1949-1953  
The Hon. Sir John Clancy, KBE, CMG, LLB, Hon.DLitt, Hon.LLD  
1953-1960  
Sir Robert Webster, CMG, CBE, MC, Hon.DSc, FASA 1960-1970  
The Hon. Sir Kevin Ellis, KBE, LLB, BEc 1970-1975  
Francis Mackenzie Mathews, BE, Hon.DSc, FSTC, FIEAust  
1976-1981

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### Director

Arthur Denning, BSc DipEd, Hon.DSc, ASTC 1949-1952

---

### Vice-Chancellors

Sir Philip Baxter, KBE, CMG, BSc PhD, Hon.DSc, FTS, FAA, FRACI,  
FIEAust, MiChemE 1953-1969  
Sir Rupert Myers, KBE, MSc PhD, Hon.LLD, Hon.DSc, Hon.DEng,  
Hon.DLitt, CEng, FTS, FIM, FRACI, FAIM, MAusIMM 1969-1981

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### Pro-Vice-Chancellors

David Watkin Phillips, BSc PhD, DipMetMin, FGS, MIMinE, MAmerIME, MAusIMM 1955-1962

Sir Rupert Myers, KBE, MSc PhD, Hon.LLD, Hon.DSc, Hon.DEng, Hon.DLitt, CEng, FTS, FIM, FRACI, FAIM, MAusIMM 1961-1969

John Faithfull Clark, BSc MA DipEd PhD 1962-1967

Albert Henry Willis, DSc(Eng), CEng, FIMechE, FIEAust, MemASAE, WhSc 1967-1978

John Basil Thornton, BA BSc 1969-1981

Harold Rupert Vallentine, BE, MS, ASTC, FIEAust 1981-1982

Rex Eugene Vowels, AO, ME, SMIEEE, CEng, FIEAust, MIEE 1968-1981

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### Chairmen of Professorial Board

Arthur Denning, BSc DipEd, Hon.DSc, ASTC 1949-1952

David Watkin Phillips, BSc PhD, DipMetMin, FGS, MIMinE, MAmerIME, MAusIMM 1953-1959

Rex Eugene Vowels, AO, ME, CEng, SMIEEE, FIEAust, MIEE 1959-1968

Horace Newton Barber, MA ScD PhD, FRS, FAA 1968-1970

Robert John Walsh, AC, OBE, MB BS, FAA, FRACP, FRCPA 1970-1973

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### Professors Emeriti

Stephen John Charles Angyal, OBE, PhD DSc, FAA, FRACI

Henry Ingham Ashworth, OBE, MA BA(Arch), FRIBA, FRAIA, Hon.FRAIC, FAIB, MRAPI

Emery Balint, MCE, PhD, FIEAust, FICE, FAIB, Hon.FAICS

Sir Philip Baxter, KBE, CMG, BSc PhD, Hon.DSc, FTS, FAA, FRACI, FIEAust, MChemE

William Ross Blunden, BSc BE, FCIT(Lond), FITE(Wash), FIEAust, MStatSocAust

Geoffrey Bosson, MSc

John Stephen Bowles, MSc, CEng, FIM

Harvey McKay Carey, MB BS, MSc DGO, FRACS, FRCSEd, FRCOG

George William Kenneth Cavill, MSc, PhD, DSc, FAA, FRACI

Max Feughelman, BSc DSc, ASTC, FAIP

John Maxwell Freeland, DFC, MArch DLitt, DTRP, LFRAIA, FRSA

Eric Paul George, BSc PhD DSc, FInstP, FAIP

Arthur Stanley Hall, BSc(Eng), DIC, FIEAust, MACI

Leslie Gordon Kiloh, MD BSc, DPM(RCP&RCS), FRCP, FRACP, FRANZCP, FRCPsych

Josef Lederer, BSc MSc, ASTC, FIO

Patrick Reginald McMahon, MAgSc, PhD, FAIAS, FASAP, ARIC

David Paver Mellor, DSc, FRACI

Christopher John Milner, MA PhD, FInstP, FAIP

John Philip Morgan, BE, ASTC, FSASM, FIEAust, FAIM, MAusIMM, MAIME, CertMineManager

Crawford Hugh Munro, BE, FRSH, FRSA, FIEAust, MASCE, MIWE

Sir Rupert Myers, KBE, MSc PhD, Hon.LLD, Hon.DSc, Hon.DEng, Hon.DLitt, CEng, FTS, FIM, FRACI, FAIM, MAusIMM

Harold James Oliver, MA, FAHA

Dennis Frank Orchard, BSc PhD, DIC, ACGI, FIEAust, FCIT, MICE

Cecil Robert Burnet Quentin, MA

Bernhard John Fredrick Ralph, BSc PhD, FTS, FRACI

John Spurgeon Ratcliffe, MSc PhD, ASTC, CEng, FIREE, FIEAust, FICHEM

Francis Felix Rundle, MD BS BSc, FRCS, FRACS, FACS

Eugene Bryant Smyth, Hon.DSc, ASTC, FASA, FCAA, FCIS

Peter Spooner, DipLD, ASTC, FILA, FAILA, ARIBA

George Szekeres, DipChemEng, FAA, Hon.DSc

John Basil Thornton, BA BSc

Frederick Edward Anthony Towndrow, FRIBA, FRAIA, FAPI

Leonard Charles Frederick Turner, MA, FASSA

James Matthew Vincent, DScAgr, DipBact, FAIAS

Harold Rupert Vallentine, BE, MS, ASTC, FIEAust

Rex Eugene Vowels, AO, ME, SMIEEE, CEng, FIEAust, MIEE

Robert John Walsh, AC, OBE, MB BS, FAA, FRACP, FRCPA

Harry Whitmore, LLB, LLM

Albert Henry Willis, DSc(Eng), CEng, FIMechE, FIEAust, MemASAE, WhSc

Neville Reginald Wills, BEc MSc, FRGS

John Fell Dalrymple Wood, BSc BE, FIEAust, MACE

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### Registrar Emeritus

Godfrey Lionel Macauley, BEc 1950-1974

---

### Registrars

John Charles Webb, MSc DipMetMin, FGS, MIMinE 1949-1950

Colin George Plowman, BEc 1974-1976

Keith Lynden Jennings, BA MED, MACE 1976-1980

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### Bursars

Joseph Ormond Aloysius Bourke, BA 1954-1965

Edwin Hall Davis, AASA, ACIS 1966-1972

---

### Business Manager (Property)

Robert Kennedy Fletcher, LLB 1970-1980

---

### Librarian

John Wallace Metcalfe, BA FLA 1960-1966

Nyholm Professor Sir Ronald Hon.DSc 1969  
 Oliphant Professor Marcus Hon.DSc 1952  
 Page The Rt Hon. Sir Earle Hon.DSc 1959  
 Parkes Cobden Hon.DSc 1958  
 Sheahan The Hon. William Francis Hon.DSc 1960  
 Slim His Excellency Field Marshal Sir William Hon.DSc 1959  
 Smith William Hugh Hon.MD 1980  
 Smyth Professor Eugene Bryan Hon.DSc 1967  
 Syme Colin York Hon.DSc 1960  
 Szekeres Emeritus Professor George Hon.DSc 1977  
 Warman Charles Harold Hon.DSc 1983  
 Webster Robert Joseph Hon.DSc 1962  
 Woodward Lieutenant-General Sir Eric Hon.DSc 1958

# Honorary Degrees Awarded by the University

*The styles and titles shown are as at the date of award.*

Askin The Hon. Robert William Hon.DLitt 1966  
 Baxter Emeritus Professor Sir Philip Hon.DSc 1971  
 Blackburn Lieutenant-Colonel Sir Charles Bickerton Hon.DSc 1952  
 Bradhurst Frank Symonds Hon.DSc 1955  
 Brown Harold James Hon.DSc 1976  
 Burnet Sir Macfarlane Hon.DSc 1967  
 Cahill The Hon. John Joseph Hon.DSc 1955  
 Casey His Excellency The Rt Hon. Lord Hon.DSc 1966  
 Clancy The Hon. Mr Justice John Sydney James Hon.LLD 1971  
 Clegg William Edward Hon.DSc 1955  
 Cutler His Excellency Sir Roden Hon.DSc 1967  
 Denning Arthur Hon.DSc 1957  
 Ennor Emeritus Professor Sir Hugh Hon.DSc 1968  
 Gray Professor Charles Alexander Menzies Hon.DSc 1975  
 Goodsell Sir John Hon.DSc 1976  
 Heath Harry Fredrick Hon.DSc 1979  
 Heffron The Hon. Robert James Hon.DSc 1955  
 Herron Sir Leslie Hon.LLD 1972  
 Jackson Ronald Gordon Hon.DSc 1982  
 Jones Professor Sir Ewart Ray Herbert Hon.DSc 1967  
 Jones Norman Edward Hon.DSc 1955  
 Kett William George Hon.DSc 1957  
 Lambert Bruce Philip Hon.DSc 1977  
 Laurie William Rae Hon.DSc 1966  
 MacDougall James Kenneth Hon.DSc 1958  
 Martin Emeritus Professor Sir Leslie Hon.DSc 1963  
 Mathews Francis Mackenzie Hon.DSc 1962  
 Mawby Maurice Alan Edgar Hon.DSc 1955  
 Menzies The Rt Hon. Sir Robert Hon.DSc 1957  
 Murphy Robert Kenneth Hon.DSc 1957  
 Myers Emeritus Professor Sir Rupert Hon.DLitt 1981  
 Northcott His Excellency Lieutenant-General Sir John Hon.DSc 1956  
 Nuffield The Rt Hon. the Viscount Hon.DSc 1952

## Former Members of the Council

Adcock Warren David 1977-1981  
 Albani Alberto Domenico 1981-1982  
 Anderson Derek John 1979-1981  
 Angyal Stephen John Charles 1957-1959  
 Ashworth Henry Ingham 1969-1972  
 Auchmuty James Johnston 1959-1961  
 Austin Kevin James 1977-1979  
 Ayscough Frederick William 1953-1957  
 Baker Lloyd Sydney 1955-1957  
 Barber Horace Newton 1968-1970  
 Barraclough Lindley John Forbes 1974-1976  
 Barratt Sidney Edgar 1965-1977  
 Barrett James Noel 1955-1958  
 Barwick William Harold 1975-1977  
 Baxter John Denis 1965-1967 1975-1977  
 Baxter John Philip 1950-1969  
 Beckett Richard John 1973-1975  
 Belcher Charles Brian 1961-1965  
 Bell George 1973-1982  
 Blacket Ralph Beattie 1970-1973  
 Bibby Richard Martin 1981-1983  
 Bolton David John 1979-1983  
 Bolton Robert Frank Etherington 1963-1973  
 Booth Kenneth George 1962-1965  
 Bosson Geoffrey 1953-1955  
 Bradhurst Frank Symonds 1955-1957  
 Brodie Nicole 1980-1982  
 Brown Harold James 1949-1952  
 Brown Laurence Binet 1981-1983  
 Brown Morven Sydney 1961-1963  
 Bunning Walter Ralston 1971-1977  
 Burns David Robert Mackenzie 1979-1981  
 Cairns Robert Charles Philip 1963-1969  
 Campbell James Keith 1981-1983

Carrington Athol Sprott 1973-1977  
 Carter Thomas Garden 1959-1962  
 Cavill George William Kenneth 1979-1981  
 Chaikin Malcolm 1961-1963 1965-1969  
 Charlton Colin John 1977-1979 1981-1983  
 Chesterman Michael Rainsford 1983  
 Clancy John Sydney James 1949-1970  
 Clarkson John Bowes 1969-1981  
 Clegg William Edward 1947-1957  
 Cohen Jeffrey 1971-1973  
 Coles Kenneth Frank 1961-1965  
 Conde Harold Graydon 1947-1959  
 Cooper Arthur Ashley 1977-1981  
 Coper Michael David 1973-1977  
 Coulton Dixie Martha 1978-1980  
 Cranny Gerald King 1950-1953  
 Crawford John Cowan 1969-1971  
 Darby Evelyn Douglas 1976-1977  
 Denning Arthur 1947-1958  
 Dickson Eric Alexander 1958-1962  
 Dods Lorimer Fenton 1962-1964  
 Doonan Ross Anthony 1976-1978  
 Douglas James Bartram 1971-1975  
 Drummond Philip John 1973-1975  
 Duftbar Randolph Edward 1962-1971  
 Ellis Kevin 1965-1975  
 Ernst Ian Thomas 1960-1965  
 Finnan Francis Joseph 1949-1953  
 Fishburn Geoffrey Francis 1971-1975  
 Fisher Malcolm Robertson 1979-1981  
 Ford Douglas Lyons 1965-1973  
 Fowler Robert Thomas 1975-1977  
 Freeland John Maxwell 1963-1965 1972-1973  
 Fuller John Bryan Munro 1967-1978  
 Gibson Robert Clarence 1955-1959  
 Glasheen John Patrick 1947-1954  
 Glover Walter Ernest 1979-1981  
 Gollan William McCulloch 1953-1962  
 Goodsell John William 1953-1981  
 Gosper James Murray 1962-1981  
 Green John Martin 1974-1976  
 Grieve Peter William Harvey 1977-1981  
 Hall George Vincent 1969-1977  
 Hall Ralph Frederick 1978-1979  
 Halpern Berthold 1971-1973  
 Harding Donald Edward 1981-1983  
 Harman Roy William 1947-1953  
 Harris Newman Leon 1981-1983  
 Harrison Robert Carr 1947-1953  
 Hartwell Ronald Max 1955-1956  
 Heath Harry Fredrick 1955-1981  
 Heffron Robert James 1947-1949  
 Hirschhorn Jeremiah 1962-1966  
 Huey Richard Meredyth 1967-1971  
 Huggins Paul 1973-1983  
 Hukins Austin Adolphus 1971-1975  
 Hutcheson George Ian Dewart 1956-1965  
 Ireland Graham Reginald 1977-1981

Jeremy Richard Richmond 1964-1969  
 Johnston Allan Robert 1958-1967  
 Kennedy John Patrick 1957-1959  
 Kenny James Denis 1960-1967  
 Kett William George 1947-1962  
 King Robert Arthur 1949-1960  
 Kirby James Norman 1947-1955  
 Kirkham Stephen Raymond 1979-1981  
 Lambert Walter Heath 1969-1977  
 Laurie William Rae 1949-1970  
 Lawrence Robert John 1979-1981  
 LeFevre Raymond James Wood 1947-1948  
 McCarney Milton Patrick 1968-1974  
 McCarthy Lyn 1979-1981  
 McDonald Neil Robert 1973-1975  
 McKenzie John Gordon 1947-1952  
 McLarty David Lyon 1957-1962  
 MacDougall James Kenneth 1948-1960  
 Mackay Reginald William John 1960-1969  
 Magnusson David John 1959-1961  
 Maloney James Joseph 1949-1967  
 Marks Guy Barrington 1979-1981  
 Masters John Harold 1977-1978  
 Mathews Francis Mackenzie 1947-1981  
 Matthews Julie Ann 1977-1979  
 May Cedric Edwin 1979-1981  
 Meagher Roderick Pitt 1977-1981  
 Mellor David Paver 1963-1967  
 Moyes Allan George 1969-1977  
 Mulroney Paul Raymond 1977-1979  
 Munro Crawford Hugh 1955-1959 1961-1965  
 Murphy Robert Kenneth 1950-1953  
 Myers Rupert Horace 1955-1961 1969-1981  
 Nicholas William Patrick 1967-1981  
 Nicholls Claude Edward Courtenay 1963-1969  
 Oliver Harold James 1970-1971  
 O'Neill Peter John 1957-1961  
 O'Toole John Mitchell 1977-1979  
 Parry-Okeden Richard Godfrey Christian 1947-1969  
 Phillips David Watkin 1952-1959  
 Porter Robert Maxwell 1977-1981  
 Prokhovnik Simon Jacques 1966-1969 1973-1979  
 Prosser Alan Philip 1975-1977  
 Quay Edward Sydney 1971-1973  
 Ralph Bernhard John Fredrick 1959-1961 1971-1975  
 Rawson Leo Richard 1971-1974  
 Rayner Edward Oswald 1965-1969  
 Rhoades Gerald Frederick 1957-1963  
 Riddell Percy Dryden 1947-1950  
 Rigby Ronald Henry 1969-1971  
 Riordan Roslyn Jane Stafford 1975-1977  
 Roberts Gareth Edward 1975-1979  
 Roberts Stephen Henry 1947-1969  
 Robertson William Milton 1971-1973  
 Robinson Arthur Alfred 1953-1957  
 Rodgers John Allan 1969-1977  
 Rogers Albert Ernest 1960-1965  
 Rogerson Raymond Louis 1953-1955  
 Rundle Francis Felix 1963-1967  
 Seidler Harry 1977-1981  
 Shannon James Stanley 1981-1983  
 Smith Ian Antony 1975-1977  
 Smyth Eugene Bryan 1957-1961 1965-1969  
 Stapleton Colin Arthur 1977-1979  
 Stockings Claud William 1962-1981  
 Sullivan Philip Albert 1959-1960  
 Sutherland Robert Henry 1957-1969  
 Symonds John Lloyd 1969-1973 1976-1981  
 Thomas Gregory Bede 1949-1970  
 Thompson Joe Slater 1978-1981  
 Thornton John Basil 1957-1962 1967-1969  
 Timmerman Frans Willem 1973-1975  
 Toomey John Joseph 1961-1973  
 Towndrow Frederick Edward 1950-1955 1961-1963  
 Van der Poorten Alfred Jacobus 1967-1973  
 Vallentine Harold Rupert 1975-1977  
 Vowels Rex Eugene 1959-1968  
 Wallwork Greig Richard 1973-1975  
 Walsh Robert John 1969-1973 1977-1979  
 Ward Geoffrey 1953-1955  
 Warr Rhonda Gaye 1981-1983  
 Warren Edward Emerton 1965-1977  
 Webster Robert Joseph 1947-1975  
 Wildblood Peter James 1979-1981  
 Wilson Fred 1947-1953  
 Wood John Fell Dalrymple 1950-1975  
 Wright Jeremy Maughan 1975-1979  
 Wurth Wallace Charles 1947-1960  
 Wyndham Harold Stanley 1952-1968  
 Yelland Hedley Lawry 1969-1977  
 Yerbury Dianne 1977-1979

## Acts Relating to the University

Prior to 1969 there were four Acts which together were cited as the Technical Education and University of New South Wales Act, 1949-1965. These four Acts were (i) the *Technical Education and New South Wales University of Technology Act, 1949*; (ii) the *Technical Education and New South Wales University of Technology (Amendment) Act, 1955*; (iii) the *University of New South Wales Act, 1958*; and (iv) the *University of New South Wales Act, 1961*.

The last two of these Acts, together with portions of the first two Acts mentioned were repealed by the *University of New South Wales Act, 1968*, which commenced on 1st January, 1969. The *University of New South Wales Act, 1968* was amended by the *University of New South Wales (Amendment) Act, 1970*, and has been further amended by the *University of New South Wales (Amendment) Act, 1978*. The incorporable amendments made by that Act have been included in the Act printed herein.

# University of New South Wales Act, 1968

An Act to consolidate, with amendments, the statutory provisions relating to The University of New South Wales; to make certain consequential amendments to certain Acts; and for purposes connected therewith. [Assented to, 22nd October, 1968.]

BE it 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:

## Short title and commencement.

1. (1) This Act may be cited as the "University of New South Wales Act, 1968".

(2) This Act shall commence upon a day (in this Act referred to as the "appointed day") to be appointed by the Governor and notified by proclamation published in the Gazette.

## Repeals and savings.

2. (1) The Acts specified in the Schedule to this Act are, to the extent therein expressed, hereby repealed.

(2) The repeals effected by subsection (1) of this section and otherwise by this Act shall not—

(a) prejudice or affect the continuity of the body corporate continued under the amendments made by the University of New South Wales Act, 1958, and that body corporate shall continue, subject to this Act, notwithstanding those repeals; or

(b) except to the extent that there would be an inconsistency with this Act, prejudice or affect—

(i) any property of the University; or

(ii) any right, privilege or legal proceeding that, but for those repeals, might have been enforced, enjoyed, instituted or continued,

and, except to the extent of any such inconsistency, any such right, privilege or legal proceeding may be enforced, enjoyed, instituted or continued as if it had been conferred by, or had arisen under, this Act.

(3) A reference in any Act, by-law, regulation or other statutory instrument or in any certificate evidencing a degree or in any other instrument whatsoever to The New South Wales University of Technology shall be read as a reference to The University of New South Wales.

(4) A branch, department or college established by the University and being maintained by the University immediately before the appointed day may be maintained by the University as if this Act had been in force when it was so established.

(5) All regulations and by-laws made under the Acts specified in the Schedule to this Act and in force immediately before the appointed day shall, so far as they could have been made under this Act had it been in force at the relevant time, be deemed to have been made under this Act and may be amended, repealed or replaced by regulations or, as the case may require, by by-laws, made under this Act.

(6) Any delegation made by the Council under the Acts specified in the Schedule and in force immediately before the appointed day shall be deemed to be a delegation by the Council made under this Act.

**3.**.....

**Repealed, Act No. 170,  
1978, Sch. 2(1).**

**4.** In this Act, unless the context or subject-matter otherwise indicates or requires—

"by-laws" means by-laws made under this Act;

"Chancellor" means the Chancellor of the University;

"Council" means the Council of the University;

"Deputy Chancellor" means the Deputy Chancellor of the University;

"prescribed" means prescribed by this Act or by the regulations or by the by-laws;

"regulations" means regulations made under this Act;

"the University" means The University of New South Wales;

"Vice-Chancellor" means the Vice-Chancellor of the University.

**Definitions.**

**Act No. 11, 1949, s. 15.**

**5.** (1) The University of New South Wales is the body corporate continued by this Act and shall consist of the Council, the professors, such other classes of persons giving instruction within the University as may be prescribed by the by-laws, such superior officers within the University as may be so prescribed, the graduates of the University and students enrolled as candidates proceeding to a degree or diploma at the University.

**The University of New  
South Wales.  
Act No. 11, 1949, s. 16,  
Act No. 24, 1958, s. 2(a)  
and Act No. 49, 1961,  
s. 2(1)(a).  
Amended, Act No. 170,  
1978, Sch. 1(1)(a).**

(1A) Notwithstanding subsection (1), a graduate of the University or a student enrolled as a candidate proceeding to a degree or diploma at the University may be exempted by the Council, on grounds of conscience, from membership of the body corporate.

**New subsection added,  
Act No. 170, 1978,  
Sch. 1(1)(b).**

(2) The University shall have perpetual succession and a common seal, and shall by its corporate name of "The University of New South Wales" be capable of suing and of being sued, and of doing and suffering all such other acts and things as bodies corporate may by law do and suffer.

(3) The University shall, subject to this Act and the regulations, have power to take, purchase, hold, grant, alienate, demise, or otherwise dispose of real and personal property.

Provided that the University shall not, except with the approval of the Minister, grant, alienate, mortgage, charge or demise any real property except by way of lease for any term not exceeding twenty-one years from the time when the lease is made, in and by which there is reserved during the whole of the term, the highest rent that can reasonably be obtained without fine.

**Amended, Act No. 170,  
1978, Sch. 1(1)(c).**

**6.** (1) The common seal of the University shall be kept in such custody as the Council directs, and shall not be used except upon resolution of the Council.

**Common seal.  
Act No. 11, 1949, s. 17.**

(2) All courts, judges and persons acting judicially shall take judicial notice of the common seal of the University affixed to any document, and shall presume that it was duly affixed.

**7.** The objects of the University shall include—

(a) the provision of facilities for higher specialised instruction and advanced training in the various branches of technology and science in their application to industry and commerce;

(b) aiding, by research and other suitable means, the advancement, development, and practical application of science to industry and commerce; and

**Objects of the University.  
Act No. 11, 1949, s. 18.**

(c) the provision of instruction and the carrying out of research in the disciplines of humane studies and medicine and in such other disciplines as the Council may from time to time determine.

**The Council,  
Act No. 11, 1949, s. 19.**

**8.** (1) The governing authority of the University shall be the Council and the Council shall have and may exercise and discharge the powers, authorities, duties and functions conferred and imposed upon it by or under this Act.

(2) Subject to section 3, the Council shall consist of—

- (a) parliamentary members;
- (b) official members;
- (c) elected members, being—
  - (i) elected non-student members; and
  - (ii) elected student members; and
- (d) appointed members.

**Substituted paragraph,  
Act No. 75, 1970,  
s. 3(1)(a).**

**Amended,  
Act No. 170, 1978,  
Sch. 1(2)(a).**

(3) The parliamentary members of the Council shall be—

(a) member of the Legislative Council elected by that Council as soon as practicable after each periodic Council election within the meaning of section 3 of the Constitution Act, 1902; and

**Amended,  
Act No. 75, 1970,  
s. 2(1)(a)(i).**  
**Substituted paragraph,  
Act No. 90, 1978,  
s. 3(a).**

**Amended,  
Act No. 75, 1970,  
s. 2(1)(a)(ii).**

(b) a member of the Legislative Assembly elected by that Assembly as soon as practicable after each general election of members of that Assembly.

(4) The official members of the Council shall be—

- (a) the person for the time being holding the office of Chancellor, where he is not otherwise a member of the Council;
- (b) the person for the time being holding the office of Vice-Chancellor; and
- (c) the person for the time being holding the office of Chairman of the Professorial Board of the University.

**Amended,  
Act No. 75, 1970,  
s. 3(1)(b).**

(5) The elected non-student members of the Council shall be qualified and elected as in each case or for each class may be prescribed by this subsection and the by-laws and shall comprise

**Repealed,  
Act No. 75, 1970,  
s. 3(1)(c).**

(a) .....

(b) seven persons so elected by the graduates of the University;

(c) one person so elected by the professors and such other persons, being persons giving instruction within the University and superior officers within the University, as may be prescribed by the by-laws;

**Substituted paragraph,  
ibid., s. 3(1)(d).**

(d) six persons, of whom one has been so elected by each of such six of the faculties and boards of studies as the Council has, not less than one month before the closing of nominations for the election of those persons, specified for the purposes of this paragraph; and

(e) one person, being a full-time member of the non-academic staff of the University, so elected by the full-time members of the non-academic staff of the University;

**New proviso added,  
Act No. 75, 1970,  
s. 2(1)(a)(iii).**

Provided that a person who is a full-time member of the staff of the University shall be ineligible to be elected as a member of the Council under paragraph (b) of this subsection.

**New paragraph added,  
ibid.**

The by-laws may make provision for or with respect to determining whether or not a person is a full-time member of the staff of the University for the purposes of this subsection.

For the purposes of this subsection "graduate" means a person whose name appears on the list, prepared in accordance with the by-laws, of graduate electors.

The by-laws may make provision for or with respect to determining whether or not a person is a full-time member of the non-academic staff of the University.

(5A) The elected student members of the Council shall comprise three persons, each qualified and elected as prescribed by the by-laws:

**New subsection added,  
Act No. 75, 1970,  
s. 3(1)(e).**

Provided that

(a) a person who is not a student of the University shall be ineligible to be elected as a member of the Council under this subsection; and

(b) a person who is a full-time member of the staff of the University shall be ineligible to be elected as a member of the Council under this subsection.

For the purposes of this subsection "student" means a person who is enrolled as a candidate proceeding to a degree or diploma of the University.

The by-laws may make provision for or with respect to determining whether or not a person is a full-time member of the staff of the University for the purposes of this subsection.

(6) The appointed members of the Council shall be appointed by the Minister and, subject to subsection (7) of this section, shall comprise—

**Amended,  
Act No. 170, 1978,  
Sch. 1(2)(f)(g).**

(a) five persons nominated in accordance with that subsection as being persons who are practising, or who have practised, in the professions;

**Amended,  
Act No. 75, 1970,  
s. 2(1)(a)(iv).**

(b) five persons nominated in accordance with that subsection as being persons experienced in industry or commerce;

(c) three persons nominated in accordance with that subsection as being persons associated with trade unions or other organisations of employees;

(d) two persons nominated in accordance with that subsection as being experienced in agricultural, pastoral or other rural affairs; and

(e) six other persons appointed by the Minister.

**Amended,  
ibid., s. 2(1)(a)(v).  
Substituted paragraph,  
Act No. 170, 1978,  
Sch. 1(2)(h).**

(7) For the purposes of subsection (6)(a), (b), (c) and (d)—

**Amended,  
Act No. 170, 1978,  
Sch. 1(2)(g).**

(a) nominations may be submitted to the Minister in accordance with regulations prescribing, in relation to each such paragraph—

(i) the person or persons, or the class or classes of persons, who may submit nominations;

(ii) the number of nominations that may be submitted by each such person or class of persons; and

(iii) the time within which nominations may be so submitted; or

(b) where, in respect of any such paragraph, a prescribed person or class of persons has failed to comply with the regulations relating to nominations, the Minister may, unless he is satisfied that sufficient nominations have otherwise been received, make such appointments as he thinks fit and any appointments so made by the Minister shall be deemed to have been made pursuant to a valid nomination for the purposes of that paragraph.

**Amended,  
Act No. 170, 1978,  
Sch. 1(2)(1).**

The regulations may provide in respect of any such paragraph for the nomination of a number of persons in excess of the number to be appointed.

(8) Subject to this Act, a member of the Council shall hold office—

(a) in the case of a parliamentary member, until a member of the House of Parliament that elected him is elected by that House to replace him;

(b) in the case of an official member, while he holds the office by virtue of which he is such a member; and

<b>Amended,</b> <b>Act No. 75, 1970,</b> <b>s. 2(1)(a)(vi);</b> <b>Act No. 170, 1978,</b> <b>Sch. 1(2)(j).</b>	(c) in the case of an elected or appointed member, for such period not exceeding four years as may be prescribed by the by-laws.
<b>Amended,</b> <b>Act No. 75, 1970,</b> <b>s. 2(1)(a)(vii).</b>	A period of office may be prescribed by the by-laws by reference to determined, or determinable, days of commencement and termination.
<b>New paragraph added,</b> <b>Act No. 75, 1970,</b> <b>s. 2(1)(a)(viii).</b>	The by-laws may prescribe different periods of office in respect of different classes of members.
	(9) A retiring member of the Council shall not, by reason of that membership, be disqualified from again becoming a member of the Council.
<b>Amended,</b> <b>Act No. 75, 1970,</b> <b>s. 2(1)(a)(ix)(x);</b> <b>Act No. 170, 1978,</b> <b>Sch. 1(2)(k)-(m).</b>	(10) A casual vacancy in the office of an elected or appointed member shall be filled— (a) in the case of an elected member, as prescribed by the by-laws; or (b) in the case of an appointed member— (i) by a person appointed by the Minister for the purpose, being a person who could have been appointed to fill the vacancy had it not been a casual vacancy; or (ii) where the regulations prescribe the manner of filling such a vacancy, as so prescribed, and any member filling a casual vacancy under this subsection shall hold office for the residue of the term of office of his predecessor.
<b>Repealed,</b> <b>Act No. 170, 1978,</b> <b>Sch. 1(2)(n).</b>	(11) .....
<b>Vacation of office.</b> <b>Act No. 11, 1949, s. 20.</b>	<b>9. A member of the Council shall be deemed to have vacated his office if he—</b> (a) dies; (b) resigns his office by writing under his hand addressed— (i) in the case of a parliamentary member who is a member of the Legislative Council, to the President of the Legislative Council; (ii) in the case of a parliamentary member who is a member of the Legislative Assembly, to the Speaker of the Legislative Assembly; (iii) in the case of an elected member, to the Vice-Chancellor; or (iv) in the case of an appointed member, to the Minister;
<b>Amended,</b> <b>Act No. 170, 1978,</b> <b>Sch. 1(3).</b>	
<b>Substituted paragraph,</b> <b>Act No. 170, 1978,</b> <b>Sch. 2(3).</b>	(c) becomes bankrupt, applies to take the benefit of any law for the relief of bankrupt or insolvent debtors, compounds with his creditors or makes an assignment of his remuneration for their benefit;
<b>Substituted paragraph,</b> <b>Act No. 170, 1978,</b> <b>Sch. 2(3).</b>	(d) becomes a temporary patient, 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;
<b>Amended,</b> <b>Act No. 75, 1970,</b> <b>s. 2(1)(b)(i).</b>	(e) is an elected or appointed member and absents himself from four consecutive meetings of the Council without leave of the Council;
<b>Substituted paragraph,</b> <b>Act No. 75, 1970,</b> <b>s. 2(1)(b)(ii);</b> <b>Act No. 90, 1978,</b> <b>s. 3(b)(i).</b>	(f) In the case of a parliamentary member elected by the Legislative Council— (i) ceases to be a member of that Council otherwise than by reason of section 22B(1)(c) of the Constitution Act, 1902; or (ii) ceases to be a member of that 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; or
<b>New paragraph added,</b> <b>Act No. 75, 1970,</b> <b>s. 2(1)(b)(ii).</b>	(g) in the case of a parliamentary member elected by the Legislative Assembly— (i) ceases to be a member of that Assembly otherwise than by reason of its dissolution or its expiration by effluxion of time; or (ii) ceases to be a member of that 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.

**10.** (1) The persons who, immediately before the appointed day, held office as Chancellor and Deputy Chancellor of the University shall, on and from that day, be respectively the Chancellor and Deputy Chancellor and shall hold that office upon the terms and conditions upon which, and for the residue of the period for which, they would respectively have held the office had this Act not been enacted, but shall be eligible for re-election.

**Chancellor and Deputy Chancellor.**  
**Act No. 11, 1949, s. 21.**

(2) Where a vacancy occurs in the office of Chancellor or Deputy Chancellor, the Council shall elect a Chancellor or, as the case may require, Deputy Chancellor who may, in the case of the Chancellor, and shall, in the case of the Deputy Chancellor, be one of its members.

(3) The Chancellor and Deputy Chancellor shall, subject to subsection (1), hold office for such period and on such terms and conditions as may be prescribed by the by-laws.

**11.** At every meeting of the Council the Chancellor or, in his absence, the Deputy Chancellor, shall preside as Chairman, but if the Chancellor and Deputy Chancellor are both absent, the members present shall elect a person from amongst their number to preside as Chairman.

**Chairman.**  
**Act No. 11, 1949, s. 22.**

**12.** (1) All questions which come before the Council shall be decided by a majority of votes of the members present at a duly convened meeting of the Council at which a quorum is present.

**Questions — how decided.**  
**Act No. 11, 1949, s. 23.**

(2) The Chairman at any such meeting shall have a vote, and in the case of an equality of votes a second or casting vote.

(3) At any meeting of the Council ten members shall form a quorum.

**13.** (1) No act or proceeding of the Council or any committee of the Council, or of the Vice-Chancellor or any person acting pursuant to any direction of the Council shall be invalidated or prejudiced by reason only of the fact that at the time when such act or proceeding was done, taken or commenced, or such direction given there was a vacancy or vacancies in the office of any member of the Council.

**Validity of acts and proceedings.**  
**Act No. 11, 1949, s. 24.**

(2) All acts and proceedings of the Council or any committee of the Council, or of the Vice-Chancellor or any person acting pursuant to any direction of the Council shall, notwithstanding the subsequent discovery of any defect in the appointment or election of any member of the Council, or that any such member was disqualified from acting as, or incapable of being a member of the Council, be as valid as if such member had been duly appointed or elected and was qualified to act as or capable of being a member and had acted as a member of the Council and as if the Council had been properly and fully constituted.

**14.** Subject to this Act and to the regulations and by-laws, the Council—

**Powers of the Council.**  
**Act No. 11, 1949, s. 25.**

(a) may provide courses in applied science, engineering, technology, commerce, industrial organisation, humane studies and medicine and such other courses as it deems fit and may, after examination, confer the several degrees of Bachelor, Master and Doctor, and such other degrees and such certificates in the nature of degrees or otherwise and such diplomas as it thinks fit;

(b) may from time to time appoint and terminate the appointment of deans, professors, lecturers and other officers and employees of the University;

(c) shall have the entire control and management of the affairs, concerns and property of the University;

(d) may invest any funds belonging to or vested in the University in such securities as may be prescribed by the by-laws; and

(e) may act in all matters concerning the University in such manner as appears to it best calculated to promote the objects and interests of the University.

**15.** (1) The Vice-Chancellor shall be the chief executive officer of the University.

**Vice-Chancellor.**  
**Act No. 11, 1949, s. 26.**

(2) The person who, immediately before the appointed day, held office as Vice-Chancellor of the University shall, on and from that day, be the Vice-Chancellor and shall hold that office upon the terms and conditions upon which, and for the residue of the period for which, he would have held that office had this Act not been enacted.

(3) The Vice-Chancellor shall have and may exercise and discharge such powers, authorities, duties and functions as may be prescribed by the by-laws and subject thereto as the Council may determine.

(4) The Vice-Chancellor shall, subject to subsection two of this section, hold office for such period and upon such terms and conditions as the Council determines.

(5) Where a vacancy occurs in the office of Vice-Chancellor the Council shall appoint a person to be Vice-Chancellor.

**Delegation to committees,  
etc.  
Act No. 11, 1949, s. 27.**

**16.** (1) The Council may constitute and appoint such committees as it thinks fit and may delegate all or any of its powers, authorities, duties and functions (except this power of delegation and the power to make by-laws) to any such committee or to any member of the Council, or to any officer or officers of the University.

(2) Every delegation under this section shall be revocable by resolution of the Council and no delegation shall prevent the exercise or discharge by the Council of any of its powers, authorities, duties or functions.

**Ad eundem and honorary  
degrees.  
Act No. 11, 1949, s. 28.**

**17.** (1) Where any person has obtained in any university or other educational establishment recognised by the University for the purpose any degree or diploma corresponding or equivalent, in the opinion of the Council, to any degree which the Council is empowered to confer after examination, or has such other qualifications as, in the opinion of the Council, are sufficient for the purpose, the Council may confer such latter degree upon such person without examination.

(2) A person upon whom a degree is conferred, under the provisions of subsection one of this section shall be entitled to the same rights and privileges as appertain to persons who have taken the same degree in the ordinary course in the University.

(3) By-laws may be made for or with respect to the conferring of honorary degrees or other distinctions.

**Branches, departments and  
colleges.  
Act No. 11, 1949, s. 29.**

**18.** (1) The Council may establish and maintain such branches, departments or colleges of the University as the Council deems fit and the Minister may approve.

(2) The Council may, with the approval of the Minister—

(a) authorise the establishment of residential colleges or halls of residence within the University or elsewhere;

(b) authorise the affiliation with the University of residential colleges; or

(c) join or co-operate with any person in the provision or conduct of student hostels and residential accommodation for students.

(3) The Council may authorise any college or educational establishment, whether incorporated or not, to issue to a candidate for any degree or diploma conferred by the University a certificate to the effect that the candidate has completed such course of instruction therefor as the Council by by-law prescribes and any person who presents to the Council any such certificate may be admitted as a candidate for the degree or diploma to which it refers.

**Evidence of degrees  
conferred.  
Act No. 11, 1949, s. 30.**

**19.** All degrees conferred by the University shall be evidenced by a certificate under the common seal of the University.

**Fees and other charges  
Amended,  
Act No. 170, 1978,  
s. 4(5), Sch. 1.**

**20.** The Council may make by-laws under section 22 for or with respect to—

(a) the payment of such fees and charges, including fines, as the Council 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) 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.

**21.** (1) The Council may carry out special investigations in any matter at the request of any authority, institution, association, firm or person, and in respect of any such investigation may charge such fees therefor and agree to such conditions in relation thereto as it thinks fit.

**Investigations.**  
**Act No. 11, 1949, s. 32.**

(2) The Council may, subject to any conditions imposed under subsection (1), publish information relating to any matter investigated by it pursuant to the provisions of that subsection.

**22.** (1) The Council may make by-laws, not inconsistent with this Act or the regulations, with respect to all matters pertaining to the University.

**By-laws.**  
**Act No. 11, 1949, s. 37.**

(2) Without prejudice to the generality of subsection (1) the Council may make by-laws with respect to—

- (a) the management, good government, and discipline of the University;
- (b) the method of election of members of the Council (other than the parliamentary members) who are to be elected;
- (c) the manner and time of convening, holding and adjourning the meetings of the Council; the manner of voting at such meetings, including postal voting or voting by proxy; the powers and duties of the Chairman thereof; the conduct and record of the business; the appointment of committees of the Council, and the quorum, powers and duties of such committees;
- (d) the number, stipend, manner of appointment and dismissal of deans, professors, lecturers, examiners and other officers and employees of the University;
- (e) the entrance standards for students;
- (f) the examinations for and the granting of degrees, diplomas, certificates and honours and the attendance of candidates therefor;
- (g) the examinations for and the granting of fellowships, scholarships, exhibitions, bursaries and prizes;
- (h) the admission of students of other universities and institutions of higher education to any status within the University or the granting to graduates of such universities or institutions, or other persons, of a degree or diploma without examination;
- (i) the establishment of residential colleges and halls of residence within the University and their conduct or the affiliation of residential colleges;
- (j) the affiliation with or admission to the University of any educational or research establishment;
- (k) the provision of a scheme of superannuation for the professors of the University.

(3) The by-laws may provide for empowering any authority (including the Council) or officer of the University to make regulations, rules or orders (not inconsistent with this Act or with any by-law) 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, and any such regulation, rule or order shall have the same force and effect as a by-law.

(4) Every by-law made by the Council shall be sealed with the common seal of the University and submitted for consideration and approval of the Governor.

**Substituted subsection,**  
**Act No. 170, 1978,**  
**Sch. 2(4).**

(5) Section 41 of the Interpretation Act, 1897, applies in respect of a by-law approved by the Governor under subsection (4) as if this Act had been passed after the commencement of the Interpretation (Amendment) Act, 1969.

(6) Any such by-law may be proved in any court by the production of a verified copy under the seal of the University or by the production of a document purporting to be a copy of such by-law and to be printed by the Government Printer.

**Substituted subsection,**  
**Act No. 170, 1978,**  
**Sch. 2(4).**

**Treasurer to meet certain costs.**  
**Act No. 11, 1949, s. 39.**

**23.** (1) There shall be paid by the Treasurer to the University in respect of the year commencing upon the first day of January in the year in which this Act 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 such expenditure requirements and, in the case of the year in which this Act commences, any moneys paid by the Treasurer to the University, in that year, before the appointed day.

(2) To enable the Treasurer to exercise and perform the powers and functions conferred on him by subsection (1), the University shall, either before or as soon as practicable after the first day of January in each year, submit to the Treasurer estimates of the expenditure and income of the University for such 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.

**Advances by Treasurer.**  
**Act No. 11, 1949, s. 40.**

**24.** The Treasurer may for the temporary accommodation of the University advance such moneys to the University as the Governor may approve upon such terms and conditions as to repayment and interest as may be agreed upon between the Treasurer and the University.

**Power of University to borrow.**  
**Act No. 11, 1949, s. 41.**

**25.** The University may borrow money for—

(a) the purpose of carrying out its objects or exercising or performing any of its powers, authorities, duties and functions;

(b) the renewal of loans; or

(c) the discharge or partial discharge of any indebtedness to the Treasurer or to any bank, within such limits, to such extent and upon such conditions as to security or otherwise as the Governor upon the recommendation of the Treasurer may approve.

**Accounts to be rendered.**  
**Act No. 11, 1949, s. 42.**

**26.** The Council shall cause to be kept proper books of account in relation to the funds of the University and shall, as soon as practicable after the thirty-first day of December in each year, prepare and transmit to the Minister for presentation to Parliament a statement of accounts in a form approved by the Auditor-General exhibiting a true and correct view of the financial position and transactions of the University.

**Audit.**  
**Act No. 11, 1949, s. 43.**  
**Amended,**  
**Act No. 170, 1978,**  
**Sch. 2(5).**

**27.** The accounts of the University shall be audited by the Auditor-General, who shall have, in respect thereof, all the powers conferred on the Auditor-General by any law now or hereafter in force relating to the audit of public accounts, and the Audit Act, 1902, shall apply to the members of the Council and to the officers and employees of the University in the same manner as it applies to accounting officers of public departments.

**No religious test.**  
**Act No. 11, 1949, s. 44.**

**28.** 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 office therein, or to graduate thereat, or to enjoy any benefit, advantage or privilege thereof.

**Power to accept gifts, etc.**  
**Act No. 11, 1949, s. 45.**

**29.** (1) The University shall have power to acquire by gift, bequest or devise any property for the purpose of this Act, and to agree to and carry out the conditions of any such gift, bequest or devise.

(2) The rule of law relating to perpetuities shall not apply to any condition of a gift, bequest or devise to which the University has agreed.

**Acquisition of land.**  
**New section added,**  
**Act No. 170, 1978,**  
**Sch. 1(6).**

**29A.** (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 purposes 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.

**29B.** (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 29A(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.

**Transfer of land to University.**  
**Act No. 170, 1978,**  
**s. 6, Sch. 1.**

(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.

**30.** In the exercise of its powers, authorities, duties and functions under this Act the Council shall, so far as is practicable, co-operate with other institutions devoted to advanced studies and research.

**Council to co-operate with other bodies.**  
**Act No. 11, 1949, s. 46.**

**31.** (1) As soon as practicable after the thirty-first day of December in each year, the Council shall prepare and furnish to the Minister a report upon the proceedings of the University during the period of twelve months immediately preceding that day; such report shall include a summary of the work, researches and investigations carried out by the University during such period.

**Report of proceedings.**  
**Act No. 11, 1949, s. 47.**

(2) A copy of such report shall be laid before both Houses of Parliament as soon as practicable after it has been received by the Minister.

**32.** (1) The Governor may make regulations not inconsistent with this Act prescribing all matters which by this Act are required or permitted to be prescribed by regulation or which are necessary or convenient to be prescribed by regulation and generally for carrying out or giving effect to the objects of the University and to this Act.

**Regulations.**  
**Act No. 11, 1949, s. 48.**

(2) Section 41 of the Interpretation Act, 1897, applies in respect of a regulation as if this Act had been passed after the commencement of the Interpretation (Amendment) Act, 1969.

**Substituted subsection,**  
**Act No. 170, 1978,**  
**Sch. 2(6).**

**33.** (1) The Superannuation Act, 1916, as subsequently amended, is amended

**Amendment of Act No. 28,**  
**1916.**

(a) (i) by inserting in the definition of "Employee" in subsection one of section three after the words "University of Newcastle," the words "or subject to subsection four of this section, a professor of The University of New South Wales,";

**Sec. 3**  
**(Interpretation.)**

(ii) by inserting next after subsection three of the same section the following new subsection:

"(4) (a) Subject to this subsection, the exclusion from the definition of "Employee" of a professor of The University of New South Wales shall not extend to a person whose rights as a contributor are continued by section two of the University of New South Wales Act, 1968.

"(b) A professor of The University of New South Wales shall cease to be a contributor if, after the commencement of the University of New South Wales Act, 1968, he becomes or continues to be a party to any scheme or arrangement to which that University is also a party and under which he is or may become entitled to any pension or annuity or retiring allowance upon retirement from his professorship.

"(c) The provisions of subsection three of this section shall apply, mutatis mutandis, to professors of The University of New South Wales other than those who are employees by virtue of paragraph (a) of this subsection.

"(b) by omitting from Schedule III the words "The New South Wales University of Technology" and by inserting in lieu thereof words "The University of New South Wales"

**"Schedule III.**  
**(Consequential.)"**

Subsection omitted.

(2) .....

Repealed,  
Act No. 72, 1974,  
Sch. 1.

34. ....

Amendment of Act No. 72,  
1964.

35. The University of Newcastle Act, 1964, is amended by omitting section thirty-nine.

Sec. 39.  
(Amendment of Act No.  
11, 1949.)

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### Schedule

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Sec. 3.

Reference to Act	Short Title	Extent of Repeal
No. 11, 1949	Technical Education and New South Wales University of Technology Act, 1949.	Sections fourteen to forty-eight, both inclusive. Subsection two of section forty-nine.
No. 8, 1955	Technical Education and New South Wales University of Technology (Amendment) Act, 1955.	Sections three and four.
No. 24, 1958	University of New South Wales Act, 1958	The Whole.
No. 49, 1961	University of New South Wales Act, 1961.	The Whole.

# Regulations

1. These Regulations may be cited as the "University of New South Wales Regulations, 1969".

**Citation**

2. In these regulations

"The Act" means the University of New South Wales Act, 1968;

"the Schedule" means the Schedule to regulation 3 of these regulations.

**Interpretation**

3. (1) The organizations named in the Schedule may, subject to this regulation, submit nominations to the Minister for the purposes of paragraphs (a), (b), (c) and (d) of subsection six of section eight of the Act.

**Submission to Minister of Panels of Names Relating to the Appointment of Certain Members of the Council of the University.**

(2) The maximum number of nominations that may be submitted by an organization is the number set opposite the name of that organization in the Schedule.

(3) Nominations may be submitted

(a) for the purposes of paragraph (a) of subsection six of section eight of the Act—only by the organizations named in part A of the Schedule;

(b) for the purposes of paragraph (b) of that subsection—only by the organizations named in part B of the Schedule;

(c) for the purposes of paragraph (c) of that subsection—only by the organizations named in part C of the Schedule; and

(d) for the purposes of paragraph (d) of that subsection—only by the organizations named in part D of the Schedule.

(4) Nominations for appointment as a member of the Council under section 8 (6) (a), (b), (c) or (d) of the Act may be submitted not later than 30th June in the year in which the appointment is to be made.

4. Omitted

Schedule	Organization	No. of Nominations
<b>Part A</b> Persons who are Practising or have Practised in the Professions	The Association of Consulting Engineers, Australia (New South Wales Chapter)	3
	The Australasian Institute of Mining and Metallurgy Incorporated	3
	The Australian Association of Social Workers (New South Wales Branch)	3
	The Australian Computer Society Incorporated (New South Wales Branch)	3
	The Australian Institute of Building (New South Wales Chapter)	3
	The Australian Institute of Landscape Architects (New South Wales Group)	3
	The Australian Institute of Physics (New South Wales Branch)	3
	The Australian Optometrical Association (Division of New South Wales)	3
	The Australian Psychological Society (Sydney Branch)	3
	The Australian Society of Accountants	3
	The Institution of Engineers, Australia, Sydney Division	3
	The Institution of Production Engineers (Sydney Section)	3
	The Institution of Surveyors, Australia (New South Wales Division)	3
	The Law Society of New South Wales	3
	The Library Association of Australia	3
	The New South Wales Bar Association	3
	The Royal Australasian College of Physicians	3
	The Royal Australasian College of Surgeons	3
	The Royal Australian Chemical Institute (New South Wales Branch)	3
	The Royal Australian College of General Practitioners (New South Wales Faculty)	3
	The Royal Australian Institute of Architects, New South Wales Chapter	3
	The Royal Australian Planning Institute (New South Wales Division)	3
<b>Part B</b> Persons experienced in Industry or Commerce	The Australian Consumers Association	3
	The Australian Federation of Business and Professional Women (N.S.W. and A.C.T. Division)	3
	The Australian Institute of Management (New South Wales Division)	3
	The Building and Construction Council, New South Wales	3
	The Chamber of Manufactures of New South Wales	3
	The Employers' Federation of New South Wales	3
	The Master Builders' Association of New South Wales	3
	The Metal Trades Industry Association of Australia (New South Wales Branch)	3
	The Sydney Chamber of Commerce	3
<b>Part C</b> Persons associated with Trade Unions or Employee Organizations	The Labor Council of New South Wales	3
	The Public Service Association of New South Wales	3
	The University of New South Wales Staff Association	3
<b>Part D</b> Persons experienced in Agricultural, Pastoral or other Rural Affairs	The Australian Institute of Agricultural Science	3
	The Country Women's Association of New South Wales	3
	The Livestock and Grain Producers' Association of New South Wales	3

5. For the purposes of section 8 (10) (b) (ii) of the Act, the prescribed manner of filling a vacancy in the office of a member of the Council appointed under section 8 (6) (a), (b), (c), or (d) of the Act is, except as provided in Regulation 6, as follows:

**Manner of Filling Casual  
Vacancy in Office of Certain  
Appointed Members of the  
Council.**

- (a) As soon as practicable after he is notified of the vacancy, the Minister shall—
  - (i) fix a date for the close of nominations for appointment to fill the vacancy; and
  - (ii) by notice in writing, call for the nominations.
- (b) The Minister shall call for nominations from—
  - (i) the prescribed person, or prescribed class of persons, who nominated the person who ceased to be a member; and
  - (ii) such other prescribed persons or prescribed classes of persons, if any, as he thinks fit, who, had it not been a casual vacancy, would have been entitled to nominate a person for appointment to fill the vacancy.
- (c) A notice under paragraph (a) (ii) shall—
  - (i) specify the date fixed under paragraph (a) (i), being a date not less than 2 months after the date of issue of the notice; and
  - (ii) be given, in such manner as the Minister thinks fit, to the prescribed person and the prescribed class of persons, if any, from whom nominations are being called.
- (d) Nominations called for under paragraph (a) (ii) shall be submitted to the Minister on or before the date specified under paragraph (c) (i) in the notice calling for them.
- (e) The Minister shall, as soon as practicable after the date fixed under paragraph (a) (i), appoint a person to fill the vacancy.
- (f) The Minister shall appoint a person to fill the vacancy who was—
  - (i) nominated in accordance with paragraph (d); or
  - (ii) nominated for appointment to the vacant office by a prescribed person or prescribed class of persons (not being a person or class of persons from whom nominations were called for under paragraph (b)), when nominations were last called for (otherwise than under this Regulation) in relation to an appointment to that office.

6. Where, immediately after the date fixed under Regulation 5 (a) (i), the Minister has not received any nominations in accordance with Regulation 5 (d), the vacancy is filled in the prescribed manner if it is filled in the manner referred to in section 8 (10) (b) (i) of the Act.

# By-laws

## **Chapter I — The Chancellor and Deputy Chancellor**

1. (a) The Chancellor shall hold office for a period commencing from his election and terminating at the close of the ordinary meeting of the Council next preceding the expiration of two years from the date of his election.

(b) The Deputy Chancellor shall hold office for a period commencing from his election and terminating at the close of the ordinary meeting of the Council next preceding the expiration of two years from the date of his election.

(c) Any retiring Chancellor or Deputy Chancellor shall be eligible for re-election.

2. (a) The Chancellor and Deputy Chancellor shall, by virtue of their office, be members of any committee constituted by any by-law or by any resolution of the Council and of any board or faculty within the University.

(b) The Chancellor may preside at any meeting of any such committee, board or faculty and shall have all the rights and powers of the chairman of any such committee, board or faculty.

(c) If the Chancellor is absent or 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.

(d) In the absence of the Chancellor, or if the office of Chancellor is vacant, any powers or duties conferred or imposed upon the Chancellor by these by-laws may be exercised and discharged by the Deputy Chancellor.

(e) This by-law shall have effect notwithstanding the provisions of any other by-law.

## **Chapter II — The Council Meetings and Rules of Procedure**

1. The Council shall ordinarily meet on the second Monday of March, May, July, September and November in each year, and on such other days as may be necessary for the despatch of business, provided that, if any Monday so specified is a public holiday, the meeting shall be held on the following Monday.

2. The Chancellor or, in his absence, the Deputy Chancellor or, in the absence of both, the Vice-Chancellor may call a special meeting of the Council to meet at any time in the interval between ordinary meetings.

3. Upon the written request of any five members of the Council, the Chancellor, Deputy Chancellor or Vice-Chancellor or, in their absence, the Registrar shall convene a special meeting of the Council to be held within fourteen days after the receipt of the request.

The written request shall specify the matters which the five members wish the Council to consider.

4. Any meeting of the Council may be adjourned to a later date.

5. The Secretary to the Council shall transmit by post or deliver to each member of the Council a written or printed notice of meeting specifying the date of the next ensuing meeting of the Council, whether such meeting is an ordinary or special meeting, and such notice of meeting shall, so far as practicable, be posted or delivered seven clear days prior to the date of the meeting. All matters to be considered at any meeting which shall be stated in the said notice of meeting or in a supplementary notice of meeting which shall be transmitted by post or delivered to each member of the Council, so far as practicable, three clear days before the meeting. Where practicable, the said notice of meeting or supplementary notice of meeting shall be accompanied by supporting statements in sufficient detail to allow members the opportunity to consider the matters prior to the meeting.

6. (a) At ordinary meetings, unless otherwise decided by the Council, no motion initiating any subject for discussion shall be made except in pursuance of a notice of motion given to the Secretary to the Council ten clear days before the meeting of the Council at which the motion is to be moved. The Secretary to the Council shall enter all such notices of motion in the notice of motion book in the order in which they are received by him.

(b) At special meetings, unless otherwise decided by the Council, no motion shall be made on any matters other than those listed in the notice of meeting or supplementary notice of meeting.

7. If a quorum of the Council is not present within half an hour after the time appointed for any meeting, the members then present may appoint a convenient future day as the day on which the meeting shall be held. The day appointed may be the day of the next ordinary meeting of the Council but in any case shall be such as to enable the Secretary to the Council to give all members seven clear days' notice of the meeting, in the usual way. Where the day appointed is the day of the next ordinary meeting of the Council, the business which was to have been dealt with at the meeting lacking a quorum shall take precedence over the business of the ordinary meeting of the Council.

8. The minutes of any meeting of the Council which have not been approved as being a true record shall be circulated to members prior to the next ordinary meeting of the Council. Upon being approved as correct, such minutes shall be signed by the Chairman as being a true record.

9. All elections referred to in this chapter shall be conducted by the Registrar, who shall be the Returning Officer. Subject to the Act, to the provisions of these by-laws and to any relevant resolution of the Council, all elections shall be effected in such manner as the Registrar shall determine.

**Returning Officer for  
Elections**

10. The election of members of the Council pursuant to paragraph (d) of subsection (5) of section 8 of the Act shall be conducted in accordance with by-laws 11 to 16 of this chapter.

**Members Elected by the  
Faculties and Boards of  
Studies**

11. (a) The election of a member by the members of each of such six of the faculties and boards of studies as are specified by the Council pursuant to paragraph (d) of subsection (5) of section 8 of the Act shall be held on such day in May, 1971 and on such day in that month in every alternate year thereafter as the Council may from time to time appoint. The term of office of such elected members shall be two calendar years commencing on the first day of July immediately following their election.

(b) Forty clear days' notice of the day appointed for each election shall be given by notices posted at the University and in such other places as the Council may determine.

12. The Registrar shall, in respect of each faculty and board of studies so specified, prepare a list of voters, comprising all persons who are members of the faculty or board of studies, completed to the last day for receiving nominations for the election, and a copy of each list so prepared shall be available for inspection at the University during the period from that day to the day appointed for the election.

13. (a) No person shall be a candidate at an election by a faculty or board of studies so specified unless he is a member of that faculty or board of studies and his name has been communicated to the Registrar in writing under the hands of two persons who are members of

that faculty or board of studies twenty-eight clear days before the day appointed for the election.

(b) Every nomination of a person for election shall contain the written consent of such person to his nomination and shall specify the faculty or board of studies to which the nomination relates.

14. On the expiration of the time for receiving nominations, the Registrar shall cause the name of each person so nominated and the fact of his candidature to be posted as soon as practicable at the University.

15. Where only one candidate is nominated in respect of a faculty or board of studies so specified the Registrar shall declare the candidate duly elected. Where two or more candidates are nominated in respect of a faculty or board of studies so specified, the election for that faculty or board of studies shall be by postal ballot.

16. The ballot shall be conducted in the manner prescribed in by-laws 45 and 46 of this chapter.

**Member Elected by  
Professors, Persons Giving  
Instruction within the  
University and Superior  
Officers within the  
University**

17. The election of a member of the Council pursuant to paragraph (c) of subsection (5) of section 8 of the Act shall be conducted in accordance with by-laws 18 to 23 of this chapter.

18. (a) For the purposes of paragraph (c) of subsection (5) of section 8 of the Act

(i) the prescribed persons being persons giving instruction within the University shall be, in addition to the professors, those members of each class of persons prescribed under paragraph (a) of by-law 2 of chapter IX of these by-laws, together with the members of the following classes of persons giving instruction within the University—the tutors, the demonstrators and the tutor-demonstrators;

(ii) the prescribed persons being superior officers within the University shall be those prescribed under paragraph (b) of by-law 2 of chapter IX of these by-laws.

(b) The election shall be held on such day in May 1971 and on such day in that month in every alternate year thereafter as the Council may from time to time appoint. The term of office of such an elected member shall be two calendar years commencing on the first day of July immediately following his election.

(c) Forty clear days' notice of the day appointed for the election shall be given by notices posted at the University and in such other places as the Council may determine.

19. The Registrar shall prepare a list of voters comprising all persons eligible to vote as provided under by-law 18 of this chapter, completed to the last day for receiving nominations for the election, and a copy of such list shall be available for inspection at the University during the period from that day to the day appointed for the election.

20. (a) No person shall be eligible for election unless he is one of the persons referred to in by-law 18 of this chapter and his name has been communicated to the Registrar in writing under the hands of two qualified voters twenty-eight clear days before the day appointed for the election.

(b) Every nomination of a person for election shall contain the written consent of such person to his nomination.

21. On the expiration of the time for receiving nominations, the Registrar shall cause the name of each person so nominated and the fact of his candidature to be posted as soon as practicable at the University.

22. Where only one candidate is nominated the Registrar shall declare the candidate duly elected. Where two or more candidates are nominated, the election shall be by postal ballot.

23. The ballot shall be conducted in the manner prescribed in by-laws 45 and 46 of this chapter.

**Member Elected by Full-  
time Non-academic Staff**

23A. The election of a member of the Council pursuant to section 8 (5) (e) of the Act shall be conducted in accordance with by-laws 23B to 23I of this chapter.

23B. For the purposes of section 8 (5) (e) of the Act, a person is a full-time member of the non-academic staff of the University if he occupies a position which the Council, by order, determines is a full-time non-academic position.

23C. (1) The election shall be held on such day in 1980, on such day in May, 1981, and on such day in May in every alternate year after 1981 as the Council may from time to time appoint.

(2) The term of office of the member elected in 1980 shall be for the period commencing on the date of his election and ending on thirtieth June, 1981, and the term of office of the member elected in May, 1981, or in any year thereafter shall be two calendar years commencing on first July immediately following his election.

(3) Forty clear days' notice of the day appointed for the election shall be given by notices posted at the University and in such other places as the Council may determine.

23D. The Registrar shall prepare a list of voters comprising all persons who are full-time members of the non-academic staff, completed to the last day for receiving nominations for the election, and a copy of such list shall be available for inspection at the University during the period from that day to the day appointed for the election.

23E. The prescribed qualifications for a person to be eligible for election shall be

(a) continuous employment as a full-time member of the non-academic staff of the University for the three years immediately preceding the date on which nominations closed; and

(b) being still so employed on that date.

23F. (1) No person shall be eligible for election unless he is qualified as prescribed in by-law 23E of this chapter and his name has been communicated to the Registrar in writing under the hands of two qualified voters twenty-eight clear days before the day appointed for the election.

(2) Every nomination of a person for election shall contain the written consent of such person to his nomination.

23G. On the expiration of the time for receiving nominations the Registrar shall cause the name of each person so nominated and the fact of his candidature to be posted as soon as practicable at the University.

23H. (1) Where only one candidate is nominated the Registrar shall declare the candidate duly elected.

(2) Where two or more candidates are nominated the election shall be by postal ballot.

23I. The ballot shall be conducted in the manner prescribed in by-laws 45 and 46 of this chapter.

24. The election of members of the Council pursuant to paragraph (b) of subsection (5) of section 8 of the Act shall be conducted in accordance with by-laws 25 to 31 of this chapter.

**Members Elected by  
Graduates**

25. (a) The election shall be held on such day in June 1971 and on such day in that month in every alternate year thereafter as the Council may from time to time appoint. The term of office of such elected members shall be two calendar years commencing on the first day of July immediately following their election.

(b) Seventy clear days' notice of the day appointed for the election shall be given by advertisement in two or more of the daily newspapers published in Sydney, and by notices posted at the University and in such other places as the Council may determine.

26. The Registrar shall prepare a list of voters comprising all graduates of the University, completed to the last day for receiving nominations for the election, and a copy of such list shall be available for inspection at the University during the period from that day to the day appointed for the election. For the purposes of this chapter, a graduate of the University is a person on whom the Council has conferred any degree or to whom the Council has awarded any postgraduate diploma.

27. (a) No person shall be eligible for election

(i) unless he is a graduate of the University; and

(ii) unless his name has been communicated to the Registrar in writing under the hands of two qualified voters thirty-five clear days before the day appointed for the election.

(b) Every nomination of a person for election shall contain the written consent of such person to his nomination.

28. For the purposes of subsection (5) of section 8 of the Act, a person is a full-time member of the staff of the University if he occupies a position which the Council, by order, determines is a full-time position.

29. On the expiration of the time for receiving nominations, the Registrar shall cause the name of each person so nominated and the fact of his candidature to be posted as soon as practicable at the University and in such other places as the Council may determine.

30. If the number of nominations received is equal to or less than the number of candidates to be elected, the Registrar shall declare the candidate or candidates duly elected. If the number of candidates exceeds the number of candidates to be elected, the election shall be by postal ballot.

31. The ballot shall be conducted in the manner prescribed in by-laws 45 and 46 of this chapter.

#### **Elected Student Members**

32. The election of the elected student members (in this chapter referred to as the "student members") pursuant to subsection (5A) of section 8 of the Act shall be conducted in accordance with by-laws 33 to 44 of this chapter.

33. The student members shall be elected by the students of the University.

34. Three student members shall be elected on such day in June 1971 as the Council may appoint and their terms of office shall be

(a) in the case of two of them, two calendar years commencing on the first day of July immediately following their election;

(b) in the case of the other, one calendar year commencing on the first day of July immediately following his election.

35. (a) The student members referred to in paragraph (a) of by-law 34 of this chapter shall be the two elected candidates who secured, on the final count, the largest and second largest number of votes at the election held in June 1971.

(b) The student member referred to in paragraph (b) of by-law 34 of this chapter shall be the elected candidate who secured, on the final count, the third largest number of votes at the election held in June 1971.

(c) Where only one or two candidates are duly nominated at the election held in June 1971, their terms of office shall be two calendar years commencing on the first day of July immediately following their election.

(d) Where only three candidates are duly nominated at the election held in June 1971 or where all three of the elected candidates secure an equal number of votes on the final count in that election, the Registrar shall determine by lot which of them shall hold office for two calendar years and which of them shall hold office for one calendar year.

In this paragraph, "determine by lot" means determine in accordance with the following directions:

The name of each student member concerned having been written on separate and similar slips of paper and the slips having been folded so as to prevent identification and mixed and drawn at random, the two student members whose names are first and second drawn shall hold office for two calendar years and the other student member shall hold office for one calendar year.

(e) Where two student members secure on the final count an equal number of votes and they are placed equal second in the election held in June 1971, the Registrar shall determine by lot which of them shall hold office for two calendar years and which of them shall hold office for one calendar year.

In this paragraph, "determine by lot" means determine in accordance with the following directions:

The name of each student member concerned having been written on separate and similar slips of paper and the slips having been folded so as to prevent identification and mixed and drawn at random, the student member whose name is first drawn shall hold office for two calendar years and the other student member shall hold office for one calendar year.

36. An election by the students of one student member shall be held on such day in June 1972 and on such day in that month in each alternate year thereafter as the Council may from time

to time appoint. The term of office of the student member elected in 1972 and in each alternate year thereafter shall be two calendar years commencing on the first day of July immediately following his election.

37. An election by the students of two student members shall be held on such day in June 1973 and on such day in that month in each alternate year thereafter as the Council may from time to time appoint. The term of office of the two student members elected in 1973 and in each alternate year thereafter shall be two calendar years commencing on the first day of July immediately following their election.

38. Forty clear days' notice of the day appointed for the election of student members shall be given by notices posted at the University and in such other places as the Council may determine.

39. The Registrar shall prepare a list of the students qualified to vote at the election and a copy of such list, completed to the last day for receiving nominations for the election, shall be available for inspection at the University during the period from that day to the day appointed for the election.

40. (a) No person shall be eligible for election unless his name has been communicated to the Registrar under the hands of two qualified voters twenty-eight clear days before the day appointed for the election.

(b) Every nomination of a person for election shall contain the written consent of such person to his nomination.

41. For the purposes of subsection (5A) of section 8 of the Act, a person is a full-time member of the staff of the University if he occupies a position which the Council, by order, determines is a full-time position.

42. On the expiration of the time for receiving nominations, the Registrar shall cause the name of each person so nominated and the fact of his candidature to be posted as soon as practicable at the University.

43. If the number of nominations received is equal to or less than the number of candidates to be elected, the Registrar shall declare the candidate or candidates duly elected. If the number of candidates exceeds the number of candidates to be elected, the election shall be by postal ballot.

44. The ballot shall be conducted in the manner prescribed in by-laws 45 and 46 of this chapter.

45. In the case of members to be elected by the graduates twenty-one and in all other cases fourteen clear days before the day appointed for an election the Registrar shall transmit a voting paper through the post to each person whose name appears on the relevant list of voters, addressed to the last known address of the person as noted in the records of the Registrar. Each voting paper shall be accompanied by an envelope marked "voting paper" and by a second envelope addressed to the Registrar on the inside of which shall be printed a form of declaration to be signed by the voter stating that he is duly qualified to vote at the election.

46. (a) The voting paper shall contain the names of all duly nominated candidates arranged in the order which the Registrar shall determine by lot. The voter shall record his vote by placing the number "1" opposite the name of the candidate to whom he desires to give his first preference vote. He may then, at his discretion give contingent votes to some of or to all of the remaining candidates by placing the numbers "2", "3", "4" and so on, as the case may require, opposite the names of such candidates respectively so as to indicate by numerical sequence the order of his preference for them. In this paragraph "determine by lot" means determine in accordance with the following directions:

The name of each candidate concerned having been written on separate and similar slips of paper and the slips having been folded so as to prevent identification and mixed and drawn at random, the candidates' names shall be listed in the order drawn.

(b) Having marked his voting paper and signed the declaration the voter shall place the voting paper without any other matter in the envelope marked "voting paper", which he shall seal and transmit to the Registrar in the envelope provided for that purpose. All voting papers so transmitted and received by the Registrar not later than 5 p.m. on the day of the election shall, subject to paragraph (e) of this by-law, be counted in the ballot.

#### **Conduct of Elections where Ballot is Necessary**

(c) In conducting the ballot, the Registrar may be assisted in the counting of the votes by scrutineers to be appointed by the Vice-Chancellor. Each candidate shall be entitled to nominate one scrutineer.

(d) As soon as practicable after the closing of the ballot the Registrar, in the presence of such of the scrutineers as choose to be present, shall proceed to the examinations of the voting papers.

(e) The Registrar shall reject as informal any voting paper in respect of which the provisions of paragraphs (a) and (b) of this by-law have not been complied with.

(f) The method of counting votes at any election where only one candidate is to be elected shall be as prescribed in by-law 47 of this chapter.

(g) The method of counting votes at any election where two or more candidates are to be elected shall be as prescribed in by-law 48 of this chapter.

**Method of Counting Votes  
at Elections where only  
One Candidate is to be  
Elected**

47. (a) The Registrar shall count the total number of first preference votes given to each candidate.

(b) If any candidate has received an absolute majority of votes, the Registrar shall declare that candidate elected, but if no candidate has received an absolute majority of votes, the candidate who has received the fewest votes shall be excluded and each voting paper counted to him shall be allocated to the continuing candidate next in order of the voter's preference.

(c) The Registrar shall then make a second count and, if any candidate then has received an absolute majority of votes, the Registrar shall declare that candidate elected; but if no candidate then has received an absolute majority of votes, the process of excluding the candidate who has received the fewest votes, of allocating each voting paper counted to him to the continuing candidate next in order of the voter's preference, and of making a further count shall be repeated until a count reveals that one candidate has received an absolute majority of votes. The Registrar shall then declare that candidate elected.

(d) If, after any count other than the final count, two or more candidates have received an equal number of votes and one such candidate has to be excluded, the Registrar shall determine by lot which of them shall be excluded. In this paragraph, "determine by lot" means determine in accordance with the following directions.

The name of each candidate concerned having been written on separate and similar slips of paper and the slips having been folded so as to prevent identification and mixed and drawn at random, the candidate whose name is first drawn shall be excluded.

(e) If, after the final count in which there are only two continuing candidates, both candidates have received an equal number of votes, the Registrar shall determine by lot which of them shall be elected. In this paragraph, "determine by lot" means determine in accordance with the following directions:

The name of each candidate concerned having been written on separate and similar slips of paper and the slips having been folded so as to prevent identification and mixed and drawn at random, the candidate whose name is first drawn shall be elected.

The candidate so elected shall be deemed to have received an additional vote.

(f) In this by-law

"an absolute majority of votes" means a number greater than one half of the total number of ballot papers counted;

"continuing candidate" means a candidate who has not been excluded from the ballot.

**Method of Counting Votes  
at Elections where Two or  
More Candidates are to be  
Elected**

48. (a) The Registrar shall count the total number of first preference votes given to each candidate.

(b) The candidate who has received the fewest votes shall then be excluded and, if the number of continuing candidates is then equal to the number to be elected, the Registrar shall declare such continuing candidates elected; but if the number of continuing candidates is greater than the number to be elected, each voting paper counted to the excluded candidate shall be allocated to the continuing candidate next in order of the voter's preference.

(c) The Registrar shall then make a second count.

(d) The candidate who has received the fewest votes shall then be excluded and, if the number of continuing candidates is then equal to the number to be elected, the Registrar shall declare such continuing candidates elected, but if the number of continuing candidates is still greater

than the number to be elected, the process of allocating the excluded candidate's voting papers to the continuing candidate next in order of the voter's preference, of making a further count, and of excluding the candidate who has received the fewest votes shall be repeated until the number of continuing candidates is equal to the number to be elected. The Registrar shall then declare such continuing candidates elected.

(e) If, after any count, two or more candidates have received an equal number of votes and one such candidate has to be excluded, the Registrar shall determine by lot which of them shall be excluded. In this paragraph "determine by lot" means determine in accordance with the following directions:

The name of each candidate concerned having been written on separate and similar slips of paper and the slips having been folded so as to prevent identification and mixed and drawn at random, the candidate whose name is first drawn shall be excluded.

(f) In this by-law

"continuing candidate" means a candidate who has not been excluded from the ballot.

49. When a casual vacancy occurs in the office of an elected member, the Council shall appoint a person to fill the vacancy.

**Filling of Casual Vacancy  
in the Office of an Elected  
Member**

1. The professors and such other persons as Council may appoint shall form a Board, to be called the Professorial Board.

2. The members of the Professorial Board shall elect a Chairman at a duly convened meeting to be held in May in 1950 and in 1951 and in May of every alternate year after 1951.

The Chairman shall hold office for a period of two years from the first day of July following the election: Provided that the first Chairman shall hold office for a period of one year from the first day of July following his election.

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 his predecessor's term of office.

3. The Registrar shall, by virtue of his office, be a member of the Professorial Board and shall act as Secretary to the Board.

4. (i) The Professorial Board shall be specially charged with the duty of furthering and co-ordinating the work of faculties and departments and of encouraging scholarship and research and of considering the studies and discipline of the University.

The Board shall consider and report upon all matters referred to it by the Council or by the Vice-Chancellor.

(ii) Subject to by-laws and to any resolution of the Council the Board

(a) may consider and take action upon reports submitted to it by any faculty;

(b) may refer matters to faculties for consideration and report;

(c) may appoint internal and external examiners after report from the Faculty or from the dean of the faculty concerned;

(d) shall, on the recommendation of the appropriate faculties, annually prescribe descriptions of subjects for examinations in the University, but in any of these subjects pertaining to more than one faculty when the recommendations of the faculties concerned do not coincide, the Professorial Board shall, after further communication with the said faculties, prescribe such descriptions of subjects;

(e) may determine the conditions of competition for any postgraduate fellowship, scholarship or prize and make the awards: Provided that any conditions of competition approved by the Board for any postgraduate fellowship, scholarship or prize shall be subject to conditions, if any, with respect thereto made by the founder or donor;

(f) may, after report from the faculties concerned, decide all questions of admission *ad eundem gradum*. The Professorial Board may by an absolute majority of its members (provided that the faculty, if any, concerned concurs by an absolute majority of its members) recommend to the

**Chapter III — The  
Professorial Board**

Council that a person who has obtained any degree or diploma in another University or educational establishment be admitted to a degree in the University of New South Wales without any examination;

(g) may submit recommendations to the Council on the invitation of the Council with respect to the selection of professors, lecturers, and other teaching and research staff;

(h) may, after a report of the faculties concerned, decide all questions of admission with advanced standing. The Professorial Board may by an absolute majority of its members (provided that the faculty, if any, concerned concurs by an absolute majority of its members) recommend to Council that a person who has completed an approved course of study in a university or educational establishment approved by the Council be admitted with such advanced standing as may be permitted in each case to a course leading to a degree of the University of New South Wales;

(i) may perform the duties of a faculty for all subjects not pertaining to any faculty and perform any function committed to it by this by-law, although any faculty or faculties may have failed to report;

(j) may submit recommendations to Council with respect to any other matter pertaining to academic standards or facilities.

Where the Board does not approve without amendment any recommendation made by a faculty, the Board shall, if so requested by the faculty, transmit the recommendation to the Council.

(iii) The Board shall have such other duties and powers as may from time to time be assigned to it by the Council.

(iv) A report of the proceedings of the Board shall be circulated to members of the Council with the notice or supplementary notice of matters to be considered at the meeting of the Council next following that of the Board and shall be laid upon the table of the Council at that meeting.

(v) The Council may at any time of its own motion or at the request of a faculty review any decision of the Board.

5. (a) The Vice-Chancellor or any member of the Professorial Board may suspend any student from attendance at classes and examinations for breach of discipline or misconduct, and may impose penalties in accordance with academic usage on any student for breach of discipline or misconduct, provided that the circumstances relating to the suspension or fine shall be reported in writing by the member to the Vice-Chancellor forthwith. This by-law shall only extend to breach of discipline or misconduct committed in or with respect to the classes or work of the department of such member, or committed in his presence.

(b) On reference by the Vice-Chancellor the Board shall investigate matters which involve any question as to breach of discipline or misconduct of any kind by any student or candidate at any University examination and may impose penalties in accordance with academic usage.

(c) Any person affected by a decision of any member of the Professorial Board (other than the Vice-Chancellor) in respect of breach of discipline or misconduct may appeal to the Vice-Chancellor, and in the case of disciplinary action by the Vice-Chancellor, whether on appeal or otherwise, to the Council.

6. (a) The Professorial Board shall meet at the discretion of the chairman or upon the written request of the Chancellor, or Vice-Chancellor, or of three members of the Board.

(b) Except where otherwise provided by these by-laws, all questions which shall come before a meeting of the Professorial Board at which a quorum is present shall be decided by the majority of members present, and the chairman shall have a vote, and in the case of an equality of votes, a casting vote.

The number of members who shall constitute a quorum of the Professorial Board shall be the product obtained by multiplying the total number of members of the Board (exclusive of members who have been granted leave of absence by the Vice-Chancellor) by one-half, any fraction in the product being disregarded.

(c) All meetings shall be convened by written notice from the Registrar, specifying the time and place and agenda of the meeting.

## Chapter IV — The Faculties

1. (a) The Council may constitute such faculties as it may deem fit.
- (b) Each faculty shall consist of the professors, associate professors, senior lecturers and lecturers in the subjects for which the faculty is responsible and such other persons having appropriate qualifications as the Council may appoint thereto.
- (c) The Registrar shall, by virtue of his office, be a member of each faculty.
2. Each faculty shall elect a chairman, in the manner provided in this chapter, who shall preside over the meetings of the faculty and shall discharge any other duties which Council may assign to him.
3. A person shall not be eligible to be elected as chairman of any faculty unless he is a tenured member of that Faculty of the status of Professor or Associate Professor. The chairman of a faculty shall be elected by a postal preferential ballot conducted by the Registrar during the month of March in 1964 and during the month of February in each alternate year after 1964. Nominations for election as chairman of any faculty shall be signed by two members of the faculty and, in the case of the election to be conducted during the month of March in 1964, shall be lodged with the Registrar before 5 p.m. on the nineteenth March, 1964, and, in the case of subsequent elections before 5 p.m. on the second Monday in the month of February of each alternate year after 1964. Such nominations shall also contain the written consent of the nominee to his nomination. Where there is only one nominee the Registrar shall declare him to be elected as chairman of the faculty. Where there is more than one nominee the Registrar shall, within seven days after the close of nominations, transmit to each member of the faculty a voting paper addressed to the official address of the member. Each voting paper shall be accompanied by an envelope marked "voting paper" and addressed to the Registrar. The voter shall be instructed to record his vote on the voting paper and return it to the Registrar to reach him not later than 5 p.m. on the last day that is not a Saturday, Sunday or public holiday, in the month of March in the year 1964 and not later than 5 p.m. on the last day that is not a Saturday, Sunday or public holiday in the month of February in each alternate year after 1964.
- All voting papers so received by the Registrar not later than 5 p.m. on the day appointed shall be counted in the ballot and the method of counting the votes to ascertain the results of the election shall be as prescribed by by-law 47 of chapter II of these by-laws.
4. (a) If the office of chairman becomes vacant by death, resignation, or otherwise before the expiration of the full term, a successor shall be elected generally in the manner prescribed above, as soon as practicable, and in the interval the dean shall act as chairman of the faculty.
- (b) If the chairman is absent from a meeting of faculty, the meeting may elect a chairman for that meeting from the Professors or Associate Professors present.
5. Each faculty shall
  - (a) supervise the teaching in the subjects with which the faculty is concerned;
  - (b) be responsible, with the assistance of such examiners as the Professorial Board may from time to time appoint on the report of the faculty or of the dean, for the conduct of examinations in those subjects;
  - (c) take cognizance of and encourage scholarship and research in those subjects;
  - (d) consider and report upon all matters referred to it by the Council or by the Vice-Chancellor, or by the Professorial Board.
6. Each faculty shall consider and report to the Professorial Board upon all matters relating to the studies, lectures, examinations and degrees of the faculty including the annual descriptions of subjects for lectures which the faculty is responsible to supervise, all admissions *ad eundem gradum* to degrees of the faculty, and all admissions with advanced standing to courses in the faculty.
7. Each faculty shall have such other duties and powers as may from time to time be assigned to it by the Council.
8. Each faculty shall establish an executive committee which shall meet under the chairman of the faculty. The executive committee shall meet as required, and shall consider all business relating to the faculty, including the agenda for faculty meetings, and shall submit to each faculty meeting recommendations upon the matters contained in the agenda. The executive committee of the faculty shall consist of the chairman of the faculty, the dean of the faculty, the Registrar, the heads of schools of the faculty, and such other members of the faculty as the faculty may appoint thereto.

8A. A faculty shall not consider any item of business at a meeting that has not received prior consideration by its executive committee pursuant to by-law 8 except with the consent of the chairman for that meeting and of four-fifths of the members present and voting at that meeting.

9. Each faculty shall establish a higher degree committee which shall perform such duties as may be assigned to it by Council on the recommendation of the Professorial Board. The higher degree committee shall consist of the chairman of the faculty who shall be the chairman of the committee, all the professors who are members of the faculty, the Registrar and such other members of the faculty as the faculty may appoint thereto. Each faculty shall be responsible for the general supervision of all matters relating to candidature for a higher degree or graduate diploma of the faculty and shall indicate to its higher degree committee the broad policy to be followed.

9A. (1) Each faculty shall establish a higher degree executive committee which shall perform such duties as may be assigned to it by Council on the recommendation of the Professorial Board.

(2) The higher degree executive committee shall consist of the chairman of the faculty (who shall be the chairman of the committee), the dean of the faculty, the Registrar and such other members of the faculty as the faculty may appoint thereto.

9B. (1) Each faculty shall establish an assessment committee which shall perform such duties as may be assigned to it by the Council on the recommendation of the Professorial Board.

(2) The assessment committee shall consist of the chairman of the faculty (who shall be the chairman of the committee), the dean of the faculty, the heads of schools of the faculty, the Registrar and such other members of the faculty as the faculty may appoint thereto.

9C. (1) Each faculty shall establish an assessment executive committee which shall perform such duties as may be assigned to it by the Council on the recommendation of the Professorial Board.

(2) The assessment executive committee shall consist of the chairman of the faculty, the dean of the faculty, the Registrar and such other members of the faculty as the faculty may appoint thereto.

10. All meetings of the faculty and of its executive, higher degree, higher degree executive, assessment and assessment executive committees shall be called by the Registrar, who shall consult with both the chairman and the dean before determining the place, date and hour of the meeting.

11A. Except where otherwise provided by these by-laws all questions which come before a meeting of a faculty at which a quorum is present shall be decided by the majority of the members present and voting and the chairman shall have a vote, and in the case of an equality of votes, a casting vote.

11B. The number of members who shall constitute a quorum of a faculty for a period of 12 months commencing with first March in any year shall be the greater of (i) 20; or (ii) the product obtained by multiplying the total number of members of that faculty, as at the commencement of the first day of the period, by one-quarter, any fraction in the product being disregarded.

12. Each faculty shall deal with all applications for information and other correspondence on subjects appropriate to such faculty which may be brought before it by the dean or by the Registrar.

13. Nothing in this chapter shall be construed as affecting the precedence and authority of the Chancellor, Deputy Chancellor, Vice-Chancellor and the dean of the faculty, as prescribed in the Act, regulations and by-laws.

13A. None of the provisions of this chapter shall affect the authority of the Professorial Board under which authority every faculty shall exercise the powers, authorities and discretions and perform the duties vested in and conferred upon it by these by-laws, provided that, upon request of a faculty the Professorial Board shall refer to the Council for final decision any matters in dispute between that faculty and the Professorial Board.

1. The Council shall appoint a dean for each faculty to serve for such period as Council may determine.
2. The Council may appoint deans in areas other than faculties and they shall serve for such periods as Council may determine.
3. The deans appointed to faculties, and the deans appointed in areas other than faculties, shall work under the supervision of the Vice-Chancellor and shall have such duties as Council may from time to time prescribe.
4. The dean appointed to any faculty shall be a member of the faculty and of any committee within the faculty, and may, if he so desires, preside at any meeting of such faculty or committee. Nothing in this by-law shall effect the precedence or authority of the Chancellor, the Deputy Chancellor, or the Vice-Chancellor.

## Chapter V — The Deans

1. The Vice-Chancellor shall be specially charged with the duty of promoting the interests and furthering the development of the University.
2. The Vice-Chancellor shall, by virtue of his office, be a member of every board, faculty and committee, within the University, and may, if he so desires, preside at any meeting of such board, faculty or committee.
3. The Vice-Chancellor shall, under the Council, subject to the by-laws and to any resolution of the Council
  - (a) manage and supervise the administrative, financial and other activities of the University;
  - (b) consult with and advise the Professorial Board, and all other University boards, faculties, committees, professors and other heads of departments;
  - (c) exercise supervision over the discipline of the University, with power, in the case of students, to impose penalties in accordance with academic usage for breach of discipline or for misconduct of any kind;
  - (d) give effect to the by-laws and to any regulations, rules or orders made, or to any resolution or report passed or adopted, by the Council;
  - (e) have such powers, authorities, duties, functions and discretions as may, from time to time be assigned to or vested in him by the Council.
4. Nothing in this chapter shall affect the precedence or authority of the Chancellor or Deputy Chancellor.

## Chapter VI—Vice-Chancellor

1. The Council may admit, *honoris causa*, to any degree other than that of Bachelor within the University, any person who is recommended for admission to that degree —
  - (a) at a meeting of the faculty or board of studies in which it is proposed he be so admitted — by not less than two-thirds of the members of that faculty or board of studies present and voting at the meeting; and
  - (b) at a meeting of the Professorial Board — by not less than two-thirds of the members of the Professorial Board present and voting at that meeting,
 as being a person of distinguished eminence in some branch of learning appropriate to that faculty or board of studies.
2. The Council may admit, *honoris causa*, to the degree of Doctor in an appropriate field in the University any person considered by the Council to be distinguished by eminent service to the community.

## Chapter VII—Honorary Degrees

1. 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:
  - (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;

## Chapter VIII—Investment of University Funds

(c) any duly authorised debentures or securities issued by any city, municipality or shire 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 Council;

(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 Council at a meeting the agenda of which contains express notice of the proposal;

(f) deposit at interest with any bank authorised to carry on banking business under the Banking Act 1959 (as amended by subsequent Acts) of the Parliament of the Commonwealth of Australia or with the Rural Bank of New South Wales or with any institution authorised for the investment of cash under the control or subject to the order of the Supreme Court in its equitable jurisdiction;

(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 Council at a meeting the agenda of which contains express notice of the proposal.

2. Where any property or money is given, devised or bequeathed to or held by the University subject to any trust, the University may, subject to the terms of the trust, retain such property or money in the same form of investment and in relation thereto exercise all the powers conferred on trustees by the Trustee Act, 1925, as amended by subsequent Acts.

## Chapter IX—General

1. In these by-laws, unless the context or subject matter otherwise indicates or requires, "the Act" means the University of New South Wales Act, 1968.

2. For the purpose of subsection (1) of section 5 of the Act

(a) in addition to the professors, the following classes of persons giving instruction within the University are hereby prescribed to be members of the body corporate of the University — the associate professors, senior lecturers, senior tutors, senior demonstrators, senior tutor-demonstrators and senior instructors and such other classes of persons giving instruction within the University as the Council may, by order, from time to time determine;

(b) the following superior officers within the University are hereby prescribed to be members of the body corporate of the University — the persons appointed to the positions of Assistant Principal, Registrar, Bursar and University Librarian and to such other positions as the Council may, by order, from time to time determine.

3. For the purposes of paragraph (c) of subsection (8) of section 8 of the Act

(a) the term of office of the nominated members of the Council who were holding office on the twenty-fifth day of March 1971 shall expire on the thirtieth day of June 1973;

(b) the term of office nominated members of the Council nominated subsequent to the twenty-fifth day of March 1971 shall be four calendar years commencing on the first day of July immediately following their nomination;

(c) the term of office of the elected members of the Council holding office on the twenty-fifth day of March 1971 shall expire on the thirtieth day of June 1971.

## Chapter X—Fees and Charges

The Council may make rules or orders for or with respect to —

(a) the payment of such fees and charges, including fines, as the Council 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.

# General Information

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## Intra-University Organizations

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### Board of Studies in General Education

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The provision of elective subjects in general studies, which form a compulsory part of most courses in Faculties other than Arts and Law, was the responsibility of the Faculty of Arts until their growing size and complexity made it necessary for a separate academic authority to be established. For this purpose, Council established a Board of Studies in General Education to be responsible from 1964 for elective subjects in general studies. Essentially the Board of Studies has, in its area, responsibilities similar to those of a Faculty.

The Board offers for suitably qualified graduates a program of advanced studies leading to the award of Doctor of Philosophy, offered for the first time in 1978, and the degree of Master of General Studies (MGenStud), offered for the first time in 1977. For details consult the General Studies Handbook.

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### Board of Studies in Science and Mathematics

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The Board of Studies in Science and Mathematics, which was established to facilitate the joint academic administration of the Science and Mathematics degree course by the

Faculty of Biological Sciences and the Faculty of Science, considers and reports to the Professorial Board on all matters relating to studies, lectures and examinations in the Science and Mathematics course (3970).

The Board of Studies in Science and Mathematics includes all members of the Faculty of Biological Science and of the Faculty of Science together with some members of specific Schools in other Faculties contributing to the Science and Mathematics course, a representative of the Department of General Studies, the Registrar or his nominee, and such other persons as Council may appoint.

The Deans of the Faculty of Science (Professor V. T. Buchwald) and of the Faculty of Biological Sciences (Professor E. O. P. Thompson) serve alternately as Dean of the Board.

The Co-ordinator of Studies is Dr B. J. Burn. The Administrative Assistant is Ms Robyn K. Mulholland.

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### Royal Military College, Duntroon

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The Royal Military College was established in 1911 to train cadets for service as officers in the Australian and New Zealand Armies. It presents four-year and five-year courses which combine both military and academic studies. To graduate from the College a cadet must pass in both aspects of the curriculum.

In 1967 the University and the Department of the Army agreed to co-operate in developing the Royal Military College into a separate autonomous degree-conferring body. Under the agreement, the University established the Faculty of Military Studies at the College. The Faculty continues to operate under a new agreement between the University and the Minister for Defence made early in 1977. The University provides courses of study leading to the award of the degrees of BA, BSc and BE in the Faculty of Military Studies at pass and honours level. Opportunities are available for graduate study leading to the award of the University's degrees of Master of Arts (through research), Master of Engineering, Master of Engineering Science, Master of Science and Doctor of Philosophy.

The Commonwealth Government has initiated plans to establish an Australian Defence Force Academy for the education of officer cadets from the three Services. It concluded an agreement with the University in May 1981, under which the University will set up a University College at the new institution. Until that is established the association between the Royal Military College and the University will continue.

Entry to the Royal Military College is by selection; a candidate must have reached an approved academic standard and must meet certain physical and personal standards. Admission to undergraduate courses in the Faculty of Military Studies is restricted to cadets of the Royal Military College who meet the matriculation requirements of the University and to other members of the regular Defence Forces who meet such requirements and who may be approved by Faculty.

The undergraduate courses offered by the Faculty of Military Studies are listed later in the section **Disciplines of the University** and are published in detail in the annual Royal Military College and Faculty of Military Studies Handbook.

Enquires relating to the College should be addressed to the Secretary, Royal Military College, Duntroon, ACT 2600.

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## Australian Graduate School of Management

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In 1969 the Australian Government appointed a committee of overseas experts headed by Dr Richard Cyert to advise on the future needs for graduate management education in Australia. The committee recommended *inter alia*, that 'a new national graduate school of management be established at the University of New South Wales'.

Late in 1973 the Australian Government announced that it would provide the financial resources necessary to proceed with the establishment of the proposed School. To undertake its planning the University appointed an Interim Board of Management, which completed its task early in 1976, and at this point was replaced by a permanent Board of Management. The fifteen members of the permanent Board include the Vice-Chancellor, the School's Director (Professor J. G. Davis), the Chairman of the Professorial Board, representatives of the public and private sectors, of employee and other organizations with interests in management education, and of the academic staff and student body of the School.

The School also has a Board of Studies which operates in similar manner to a faculty so far as the activities of the School are concerned.

The Cyert Committee saw as the basic aim of the new School 'a need to enhance, at a national level, the effectiveness of Australian professional management now and in the future'. The achievement of this goal was seen as involving a number of programs, different substantially in their academic content and in the time and nature of their impact, but all emphasizing preparation for general management.

The committee saw the most immediate contribution to the development of management capacity as coming from short advanced management programs designed for those already holding important managerial responsibilities in both the private and public sector. These courses commenced in 1977.

The School introduced Masters' degree programs in Business Administration (MBA) and Public Administration (MPA) designed to accelerate the development of talented young persons into top management positions. Enrolment of the first master candidates occurred at the beginning of 1977 and the first graduates were awarded their degrees in 1979.

The School also has a doctoral program designed to meet the future needs of trained academic staff, not only to a limited extent for the national School itself but also for Australian universities and colleges of advanced education.

The committee also saw a need for a program to produce educational materials uniquely designed to meet the needs of Australian management education, and for a program of research aimed at the development of new concepts and techniques to increase the effectiveness of Australian managers.

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## Visiting Committees

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To enhance its contact with outside interests and to advise it, Council has appointed a series of Visiting Committees comprised of senior and experienced people from industry, commerce, government and the professions together with the professorial staff of schools and representatives from the Alumni Association. These Committees appraise particular educational programs in relation to the needs of industry and professional practice, receive and discuss the annual report of the head of the school, report to Council on any special problems facing the school, and aid the development of the school in any other way possible.

The present chairmen are: Mr P. A. Pearce (Accountancy); Mr I. Johnson (Applied Geology); Mr A. M. Stretton (Building); Mr P. Huggins (Chemical Engineering and Industrial Chemistry); Dr B. M. Smythe (Chemistry); Mr M. F. Lamrock (Electrical Engineering); Dr V. M. Lewis (Food Technology); Dr G. Trevaks (Health Administration); Dr J. E. Isaac (Industrial Relations); Mr R. J. Yates (Mechanical and Industrial Engineering); Mr J. T. Brady (Mining Engineering); Mr C. W. McMonnies (Optometry); Mr R. B. Alderton (Surveying).

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## Other University Organizations

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### Alumni Office

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The Alumni Office of the University, within the Registrar's Division, was established to provide a point of contact for the graduates and graduate diplomates who constitute the Alumni. It encourages a continuing relationship with the University, and each alumnus is welcome to contact the office regarding any queries or problems which may arise concerning the University. The Alumni Office is located in the Chancellor's Office. Telephone 663 0351 extn 2998.

A close liaison is maintained with the University of New South Wales Alumni Association.

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### Australian School of Nuclear Technology

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The University of New South Wales and the Australian Atomic Energy Commission have co-operated to establish the Australian School of Nuclear Technology. The School is controlled by a board consisting of representatives of the University of New South Wales, the Australian Atomic Energy Commission and the Australian Institute of Nuclear Science and Engineering.

The School is located adjacent to the Research Establishment at Lucas Heights and has access to the excellent research facilities of the Australian Atomic Energy Commission. It was created primarily to help meet the need for additional facilities for instruction in nuclear science and technology. The principal, Mr B. Toner, who is responsible to the board for the operation of the School, controls its day activities. Lecturing staff is drawn from the University and the Commission as well as from other institutions when appropriate.

Courses, normally of four weeks, are offered in various phases of nuclear technology at a variety of levels. The courses do not lead to the award of a degree or diploma. In relevant cases, however, students of universities may obtain credit for successful attendance at a course by application through the normal university channels. Further details may be obtained from the Principal, Australian School of Nuclear Technology, Private Mail Bag, Sutherland, New South Wales 2232.

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### Centre for Applied Economic Research

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The Centre for Applied Economic Research was established in 1976 with the aim of undertaking research in areas relevant to economic policy decisions. Those working in the Centre believe that more information about many aspects of the

Australian economy and economic conditions is required if policy decisions are to be well informed.

Research is undertaken by members of the academic staff of the University who are associated with the Centre, as well as by full-time research workers. The results of research are made available to the public, mainly through an occasional paper series, *CAER Papers*, which are published three or four times a year and a Working Paper series which is published more frequently. Further information regarding publications is available from the Secretary, Colleen Hodge. Telephone (02) 662 2317 or (02) 662 2314.

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### Centre for Biomedical Engineering

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Biomedical engineering involves the application of engineering techniques and analysis to problem solving in the life sciences, particularly clinical medicine.

The Centre was established in 1976 as an interdisciplinary unit to promote and co-ordinate biomedical engineering studies and research activities being conducted by various departments within the University and its associated teaching hospitals. The Centre, although established within the Faculty of Engineering, is closely allied with the Faculties of Medicine, Applied Science and Biological Sciences.

The Centre offers graduate programs leading to the award of the degree of Master of Biomedical Engineering and the degree of Doctor of Philosophy for students with either an engineering/science or medicine background.

The masters' degree involves both course work and a research thesis, conducted in a hospital or other approved institution. The PhD is primarily a research degree which normally involves some formal course work. Both full-time and part-time students are catered for.

Further information, regarding the MBiomedE degree course and the activities of the Centre, is available from the Director, Associate Professor Peter C. Farrell. Telephone 662 3710.

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### The Centre for Management Research and Development Limited

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The Centre for Management Research and Development Limited is a company limited by guarantee incorporated in August 1982 to:

1. Foster and promote research into management and the publication of literature in relation to that research.
2. Arrange lectures, seminars and materials to educate persons engaged in management, management education, and research.
3. To acquire and grant copyright, licences, patents, commissions, etc, for the benefit of the Company.

4. To make such donations to the University as the Company may determine.

The Centre is located in the Australian Graduate School of Management and uses, principally, the facilities of the School. The business of The Centre for Management Research and Development is conducted by a Board of four directors who receive no payment for their services.

All enquiries should be addressed to the Secretary, Mr B. M. Irwin, The Centre for Management Research and Development, c/- Australian Graduate School of Management, PO Box 1, Kensington, NSW 2033. Telephone 662 0367.

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### Centre for Research in Finance

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The Centre for Research in Finance was established in 1981 to foster and co-ordinate applied research in finance. It constructs data files for use by members of the staff and students of the AGSM, undertakes contracted research for outside organizations, markets the output from its data files, and conducts its own portfolio management seminars. It has conducted joint research with leading international authorities in the field of finance.

Further information on the Centre and its activities can be obtained from Mr Nick Frisina. Telephone 662 0254.

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### Centre for Remote Sensing

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The Centre was established in 1981 as a joint enterprise of the Faculties of Engineering and Applied Science to promote and co-ordinate remote sensing studies and research being conducted by various schools within the University. Remote sensing is the science of obtaining information about the earth's surface (in particular) using electromagnetic imaging systems mounted on aircraft and space platforms.

The Centre offers graduate programs leading to the award of the degree of Master of Engineering Science or Master of Applied Science or to the Graduate Diploma in Remote Sensing in addition to supervision for the degree of Doctor of Philosophy. The Masters' and Graduate Diploma programs are organized around a group of compulsory subjects, elective subjects and a project or research project which is supervised in one of the schools associated with the Centre. The Centre also offers a range of research consultative services and short courses, and its facilities include a sophisticated image analysis system.

Further information regarding courses and the activities of the Centre is available from the Director, Dr John Richards. Telephone 662 3002.

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### Energy Research, Development and Information Centre

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The Energy Research, Development and Information Centre was established in 1978, as a result of the University's recognition of the need for steps to be taken to enhance its contribution to the study of Australia's energy problems.

The functions of the Centre are to:

1. Identify and report to the Vice-Chancellor on new directions for energy research, including technological, economic, environmental, social, conservation and educational aspects (especially continuing education), with a view to meeting the needs of the Australian community;
2. Facilitate and to generate funding opportunities for energy research within the University, both in existing schools and in new multidisciplinary areas;
3. Be a vehicle for the receipt by the University of enquiries on energy research and development and for the formulation and submission of multidisciplinary proposals by the University.
4. Catalyse the flow of information on energy, both within and from the University;
5. Advise on how the University Library might become a resource centre for information on energy in Australia.
6. Consider and report on possible methods of funding the Centre in the future; and
7. Prepare and submit to the Vice-Chancellor within three months of the close of each calendar year an annual report of University activities in the field of energy.

The Management Committee of the Centre comprises the Director, Associate Professor G. D. Sergeant and six other members, under the chairmanship of Professor L. W. Davies. Mr J. W. A. Brain is Technical Secretary of the Centre.

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### Industrial Relations Research Centre

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The University of New South Wales, with the aid of a federal general development grant, established the Industrial Relations Research Centre in March 1980. The Centre's function is to focus and stimulate industrial relations research in Australia, and to facilitate publication of research results. The Centre is headed by a Director, Professor John Niland. A policy committee, chaired by Professor Di Yerbury, advises on a range of issues and determines the Centre's research and publication program.

The IRRC's policy is to sponsor projects in applied research, the results of which will help inform public debate and policy making. The Centre also works to gather, preserve and publish essential research results.

For further information, telephone (02) 662 3526.

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## **The Japanese Economic and Management Studies Centre**

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The Japanese Economic and Management Studies Centre has been established in the Faculty of Commerce in recognition of, and in response to, the growing relevance and importance to Australia of Japanese studies in the fields of economics, marketing and management. The Centre is concerned to aid the development within the Faculty of a broad curriculum of Japanese business studies in the Bachelor and Master of Commerce degree programs. The Faculty's course offerings in Japanese business studies as well as its staffing in this field, have been strengthened through the activities of the Centre.

Further information regarding the activities of the Centre is available from the Director, Dr J. T. Yamaguchi. Telephones 662 2035, 662 2360.

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## **Regional Teacher Training Centre for Health Personnel**

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The Regional Teacher Training Centre for Health Personnel was created in 1972 by agreement between the World Health Organization, the Australian Government and the University of New South Wales. The ultimate goal of the project is to help elevate the standards of medical care, both preventive and curative, in the Western Pacific Region through educational development of health personnel.

The Centre functions in the Western Pacific Region of the World Health Organization. At the Australian national level the Centre interacts with a wide range of health agencies and educational institutions. At the faculty level the School of Medical Education provides educational services to the Faculty of Medicine.

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## **Tertiary Education Research Centre**

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Established in 1961, the Centre engages in research and development activities directed at improving the teaching and learning programs of the University. Consultative and evaluative services are provided to faculties, schools and individual staff members to promote the development of curricula, teaching skills and assessment procedures. Institutional research is also undertaken to assist educational policy-making within the University.

TERC also offers a program of workshops and seminars to enhance the professional skills of members of the teaching staff. An audio visual section provides specialist photographic services and produces 16mm films.

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## **Division of Postgraduate Extension Studies**

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The Division was formed in 1961 for the purpose of expanding the University's activities in the field of postgraduate extension studies and of providing an organization within which the University's radio activities could be established. Lectures are given over Radio University VL2UV with video presentations and seminars held at the University's Kensington campus. Correspondence courses using audio or video cassette recordings of the radio or video lectures are available wherever a group of students exists. Special printed notes are provided as an essential part of the radio and cassette courses.

Transistor radios adapted to receive VL2UV are available from the Division. Courses on audio and visual cassette may be taken using standard players in the home or at the office. Over 120 courses are available in this way. Many enrolments are accepted from students in the country, from other States and from overseas.

The emphasis of radio and cassette courses is on graduate and refresher courses for professional people. A wide range of subjects is offered. Bridging courses are available for school-leaving students who are proceeding to an undergraduate course at a university.

The Division is located on the top floor of the Mathews Building, High Street, Kensington. Telephone 663 0351 extn 2691.

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## **Field Stations**

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The University has acquired a number of field stations because real environmental conditions are necessary for teaching and research purposes in many disciplines such as Wool and Pastoral Sciences, Botany, Zoology, Surveying, Geography, Water Engineering, Architecture and Geology.

The agricultural field stations of the University include the Fowlers Gap Arid Zone Research Station, the Central West Field Station Complex (comprising properties at Wellington, and Stuart Town), the Hay Field Station and the coastal grazing property at Burraduc.

The biological field stations include an area at Cowan and the marine field station at Smith's Lake.

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## **Institute of Administration**

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The Institute was established in 1960 by the Council of the University to provide extension courses and to undertake research in administration. Many thousands of executives from all over Australia and overseas have attended the courses conducted by the Institute over the last twenty-two years.

Until its own residential centre was erected at Little Bay in the grounds of Prince Henry Hospital in 1968, the Institute conducted its courses at the residential colleges of the University and in hotels. In 1977/78 the Institute embarked on major reviews which resulted in the doubling of its educational and residential facilities. Then 1982/83 saw the complete refurbishment of the premises and a change in the catering arrangements.

The result has ensured that the magnificent physical setting is well matched by the comfortable, casual elegance of the Executive Retreat and presents a total environment conducive to learning, reflecting and planning.

The main objectives of the Institute are to: **1.** expose the executives attending our programs to the latest knowledge and skills in essential fields such as finance, marketing and organizational behaviour and, **2.** provide opportunities for them to maximize the transfer of this knowledge skilfully to their jobs, ie to apply this knowledge.

The most critical single factor in translating the Institute's philosophy into actuality is the Course Director, an educational specialist, facilitator, consultant and change agent who diagnoses the needs of the target group, fosters mutual planning, creates a suitable climate for learning and provides a satisfying learning experience to meet course objectives.

In the design of its courses, the Institute gives emphasis to learning rather than teaching. By encouraging exchanges within a seminar framework, rather than giving lectures, the session leaders (lecturers) act as catalysts to induce participation and learning by course members.

Full-time residency is required of those attending the courses since the exchange of ideas and experiences between course participants around-the-clock is seen as a valuable part of the educational process.

Free from their usual business and domestic involvements, participants are given the opportunity to reflect upon where their organizations are heading, where they should be heading, and to develop strategies to enable their organizations to achieve their goals and objectives. Through seminars, group discussions, management games, films, case studies and other assignments, the participant is encouraged to develop enlightened approaches to specific management problems and to develop a personal action plan for continued improvement in managerial performance.

The Director of the Institute, Mr J. I. Owen and all staff are located at the Executive Retreat at Little Bay. Telephone (02) 661 4144.

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## Institute of Languages

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The Institute of Languages provides a wide range of services, particularly language training in English and Foreign Languages for migrants, overseas students and the community as a whole. It also provides an interpreter testing service and conducts training courses in the teaching of English as a Second Language. The Institute's services cover more than 15 languages, the main ones being French, German, Italian,

Spanish, Greek, Japanese and Russian. More than 1,000 students pass through the Institute every year. Included in the Institute's facilities are two language laboratories, a self-service laboratory and extensive audio visual language teaching resources.

The Institute is responsible directly to Professor A. S. Carrington, Pro-Vice-Chancellor.

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## Institute of Marine Sciences

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The Institute comprises members of schools and faculties of the University which have teaching and research interests in some field of marine science. The major part of the work of the Institute is conducted within the administrative framework of the member schools, but it is envisaged that some research projects that span the interests of several schools will be developed as Institute projects. Members of the Institute co-operate in the development and teaching of multidisciplinary marine science programs which are available to undergraduate students through the Board of Studies in Science and Mathematics.

The Institute has a Management Committee which meets under the chairmanship of Professor R. M. Golding, Pro-Vice-Chancellor. Dr Patricia I. Dixon of the School of Zoology is Technical Secretary of the Committee.

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## Institute of Rural Technology

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The Institute of Rural Technology was formed by the University Council in 1959. It was felt that such a body could best co-ordinate and expand the research activities of the various Schools on problems relating to the primary industries of Australia. While the School of Wool and Pastoral Sciences is daily concerned with many problems of the wool industry, other Schools are also engaged in work of importance to the rural community. For example, various aspects of agricultural engineering are being investigated by the School of Mechanical and Industrial Engineering, and the School of Botany is involved in the development of superior varieties of cereal crops. These different activities are being co-ordinated by the Institute of Rural Technology.

Advisory work in fields not covered by existing advisory services is also carried out by the publication of reports of research.

The Institute through its Chairman is responsible for the development and administration of field research stations placed under its control by the University. The first of these stations is at Wellington, NSW, with a subsidiary property at Stuart Town.

The Institute is responsible directly to Professor R. M. Golding, Pro-Vice-Chancellor, and Mr J. W. A. Brain is the Technical Secretary.

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## Committee in Postgraduate Medical Education

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The first Postgraduate Committee in Medical Education was established by Council in 1963.

In 1978, that Committee was replaced by the Committee in Postgraduate Medical Education within the Faculty of Medicine with the following membership:

1. The Chairman.
2. The Executive Member — The Honorary Director of the Committee in Postgraduate Medical Education.
3. The following members of the Academic Staff *ex officio*: The Dean and Chairman of the Faculty of Medicine, the Heads of all Schools and Professors in the Faculty of Medicine, the Professors of Medical Microbiology and Medical Biochemistry in the Faculty of Biological Sciences, and such other members of the Faculty (maximum of four) who may be elected from time to time to hold office for a period of two years.
4. A representative of each of the Royal Colleges in the medical field in Australia, and a representative of the Australian Medical Association.
5. The Chairmen of Postgraduate Committees appointed by teaching and associated hospitals of the University of New South Wales *ex officio*.
6. The New South Wales Minister of Health or a nominee.
7. Such other members of the medical or allied health professions as may from time to time be elected by the Faculty of Medicine.

The terms of reference of the Committee in Postgraduate Medical Education are: to promote graduate education and research in medicine at the University and at its teaching hospitals; to organize courses to aid the continuing education of medical practitioners in all phases of their professional lives; to encourage the use of resources such as radio, cassette tapes and/or television for such continuing education purposes; and to co-operate in its endeavours with relevant Government departments, with boards and staffs of hospitals, with committees in postgraduate medicine at other Australian universities, and with the Australian Postgraduate Federation in Medicine.

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## Social Welfare Research Centre

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The Social Welfare Research Centre, established under an agreement between the University of New South Wales and the Commonwealth Government, came into operation in January 1980. The Centre, which employs a staff of twenty, functions as a unit of the University and operates on funds provided to the University by the Commonwealth Government, in terms of their agreement. The agreement also specifies certain broad functions, roles and activities to be undertaken by the Centre, ie to:

1. Undertake and sponsor research work on important aspects of social welfare in Australia;
2. Provide opportunities for graduate study of social welfare;
3. Arrange seminars and conferences to foster understanding of and to elucidate issues in the field of social welfare;
4. Arrange for the publication of the results of research and studies carried out in or under the aegis of the Centre.

The agreement lists six main areas of special reference for the Centre's research. These are:

- changes in society;
- alternative methods of providing and administering social welfare services;
- alternative methods of financing social welfare services;
- effectiveness of social welfare programs;
- co-ordination of social welfare policies, services and activities;
- social welfare aspects of the operation of other programs, whether undertaken by government or the non-government sector.

An Advisory Committee, under the chairmanship of a Pro-Vice-Chancellor, assists the Director, Dr Adam Graycar, in planning the Centre's research.

Enquiries should be addressed to the Information Officer, SWRC, PO Box 1, Kensington 2033. Telephone (02) 662 3529.

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## The New South Wales University Press Limited

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The New South Wales University Press publishes scholarly works, textbooks and a variety of general books. It was established in 1961 as a joint venture by the University and the Students' Union. In 1978 by agreement with the Students' Union, the University assumed complete ownership of the Press.

The Chairman of directors is Mr A. R. Horton. Mr D. S. Howie is general manager of the company.

The editorial and sales offices of the Press are adjacent to the University at 32 Botany Street, Randwick.

All enquiries should be addressed to the General Manager, New South Wales University Press, PO Box 1, Kensington, NSW 2033.

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## Public Affairs Unit

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The role of the Public Affairs Unit is to facilitate communication of information and to promote knowledge of the University in the community at large, and to foster mutual understanding within the University community.

The Unit's functions include information, editorial, photographic and liaison services. The staff of the PAU (which is responsible to the Vice-Chancellor) write, illustrate, typeset, design, publish and distribute several regular publications. The main ones are *UNIKEN* (a fortnightly campus newspaper for staff and students), *FOCUS* (a fortnightly newsletter for staff), a periodical for alumni, the University's *Annual Report*, *Occasional Papers*, *Campus Guide*, and fact sheets. The PAU arranges publication each month of an advertisement *On Campus at Kensington* highlighting University activities open to public participation.

Other services of the PAU are liaison with the media, official news releases, a press cuttings service, advice for publicity activities and publications of a general nature, liaison with the community and photography for the University's administration.

The Adviser, Public Affairs, and Head of the Public Affairs Unit is Dr Peter Pockley.

The Unit is located in Rooms 158/159, the Chancellery. Telephone 663 0351 extn 3741.

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### Safety Unit

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The University's initiative in radiation protection was expanded in 1977 by the establishment of the Safety Unit. The Unit is responsible to the Vice-Chancellor for the co-ordination and supervision of the University's safety program. The objectives of the program are to protect the health and safety of staff, students and public; to facilitate the use of equipment by providing advice and assistance on safety matters; to ensure that all work conducted by the University fulfils statutory safety requirements; and to minimize the possibility of an accident occurring within the University.

The University Safety Committee under the chairmanship of a Pro-Vice-Chancellor, advises the Vice-Chancellor on safety policy, and recommends methods to promote the safety of staff, students and visitors. The executive members of the Committee are the Head of the Safety Unit, Dr R. Rosen, and the Safety Officer, Mr M. A. Weatherstone.

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### Unisearch Limited

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Unisearch Ltd was established in April 1959 by the Council of the University for the purpose of furthering one of the major objects of the University as set out in the Act of incorporation, viz 'to aid by research and other suitable means the advancement, development and practical application of science to industry and commerce'.

Unisearch actively seeks to assist Australian industry in the solution of its research and developmental problems. It provides technical services in a wide variety of industrial fields, and is responsible for the exploitation of inventions arising out of the work of the University. The Company has had considerable success in solving production problems brought

to it by industrial organizations in all Australian States and in assisting in the establishment of new industrial processes.

The Articles of Association of Unisearch Ltd, which has no share capital, provide that only members of the Council of the University may be appointed members of the Company, of which there are nine. The business of the Company is conducted by four directors, one of whom is the Vice-Chancellor of the University. The members and directors receive no payment for their services and all profits from the Company's operations are given to the University to further its objects and work in the community.

All enquiries should be addressed to the General Manager, Mr B. Rosenberg, Unisearch Ltd, PO Box 1, Kensington, NSW 2033. Telephone 663 0351 extn 3701.

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## Associated University Organizations

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### Drama Foundation

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The Drama Foundation, originally established in 1965 in association with the Australian Elizabethan Theatre Trust, was re-established as a University organization in 1980 with the objects of encouraging and promoting the study and practice of the theatre arts in or associated with the University. The Foundation may seek financial and other support for and make grants to assist with the achievement of these objects.

There is a committee of three members of the University to advise the Vice-Chancellor on applications for grants from the Foundation and on ways in which the encouragement and promotion of theatre arts may be undertaken.

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### The Medical Foundation

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The present Foundation was established in 1973 by the University Council as a fund-raising body to promote education, training and research in the University's Faculty of Medicine and teaching hospitals. It is controlled by a Board consisting of the Dean of the Faculty of Medicine, the Chairman and the Executive Officer of the Faculty of Medicine, any medically qualified member of Council and up to twelve other members appointed by Council.

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## Monomeeth Association

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The Monomeeth Association, which takes its name from an aboriginal word meaning 'friendship', is a group of parents and friends of the University, founded in 1963 to promote the University's interests in the community. It also raises funds for campus amenities, and those provided to date include the large clocks on the outside of four of the major buildings of the University, and the Steinway piano in the Clancy Auditorium.

The Association's members normally meet in the Council Chamber and occasionally hold social functions. Membership is open to all parents and friends of graduates and undergraduates. Other persons interested to learn about the University may attend any of the Association's functions without obligation.

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## The National Institute of Dramatic Art

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The National Institute of Dramatic Art was established in 1958 under the auspices of the University of New South Wales and the Australian Elizabethan Theatre Trust and in association with the Australian Broadcasting Commission. The Institute is located on the High Street side of the University of NSW campus, and in addition to its on-site theatre, operates the Parade Theatre on the western campus in Anzac Parade.

NIDA sets out to provide vocational training for young people who wish to enter the profession of theatre, film or television as actors, directors, designers and stage managers and offers full-time, three-year undergraduate courses in Acting, Technical Production and Design and a one year post-graduate course in Directing. Admission to these courses is by auditions/interviews which are held in the State capital cities around November/December each year. Applications close 1 October and audition requirements are advised within three weeks.

NIDA courses are recognized by the Commonwealth Department of Education and students are eligible for the Tertiary Education Allowance Scheme.

Enquiries should be addressed to: The National Institute of Dramatic Art, PO Box 1, Kensington, NSW 2033. Telephone (02) 663 3815.

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## The University of New South Wales Alumni Association

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Graduation confers on each graduate or diplomate of the University formal membership of the University of New South Wales Alumni Association, which fills a similar function to Convocation, the statutory body to which graduates automatically belong in many other universities.

There is no subscription for an ordinary member; however, an alumnus may choose to become a contributing member of the organization to assist with continuing expenses and to establish a fund for Alumni Association projects.

If you wish to obtain any further information about the Association, please contact the Alumni Office, Room 148E, the Chancellery, or telephone 663 0351 extn 2998.

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## U Committee

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The U Committee, with members drawn from staff wives and friends of the University, has very much broadened its interests since it was established in 1963 as the U Ball Committee.

Fund-raising is its prime purpose, and the Committee has promoted projects that include the combined Sydney University and UNSW International House furnishing appeal, the stage tower at the Parade Theatre, the acquisition of the Mona Hessing tapestry for the foyer of the Clancy Auditorium, the time clock and its installation at the David Phillips Field, and the visit of the UNSW Opera to the Fifth International Festival of Youth Orchestras in Britain in 1975.

In 1978 the Committee arranged the first series of Kensington Lectures for the benefit of HSC students and these have continued to be of obvious appeal to large audiences. The Committee has also donated \$73,000 towards the cost of the University Swimming Pool, thus enabling, among other work, the installation of modern, complex timing and score display equipment. In 1981 the Committee pledged \$200,000 towards the building of a drama studio for the School of Drama.

One of its major activities is the biennial Book Fair. The one held in 1982 raised over \$77,000.

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## Wives' Group

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The members of the University Wives' Group are wives of University staff. They meet on the third Wednesday of each month from February to November to share interests and develop friendship and social intercourse. Generally the meetings have a guest speaker and are held in the Roundhouse.

The Group is eager to welcome new members, and in order to attract more young wives has established a child-minding service with a nominal fee.

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## Student Services and Activities

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### Accommodation

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#### Residential Colleges

There are seven residential colleges on campus. Each college offers accommodation in a distinctive environment which varies from college to college, as do facilities and fees. A brief description of each college is given below, and further information may be obtained directly from the individual colleges. In addition to basic residence fees, most colleges make minor additional charges for such items as registration fees, caution money or power charges. Intending students should lodge applications before the end of October in the year prior to the one in which they seek admission. Most colleges require a personal interview as part of the application procedure.

#### The Kensington Colleges

The Kensington Colleges comprise Basser College, Goldstein College and Philip Baxter College. They house 450 men and women students, as well as tutorial and administrative staff members. Fees are payable on a session basis. Apply in writing to the Master, PO Box 24, Kensington, NSW 2033.

#### International House

International House accommodates 154 male and female students from Australia and up to thirty other countries. Preference is given to more senior undergraduates and graduate students. Eight tutors are available to help students. Apply in writing to the Warden, International House, PO Box 1, Kensington, NSW 2033.

#### New College

New College is an Anglican college and it provides accommodation (with all meals) for 220 graduates and undergraduates, without regard to race, religion, or sex. The College has its own resident tutors, and sponsors a wide range of sporting and social activities. Apply to the Master, New College, Anzac Parade, Kensington 2033 (telephone 662 6066).

#### Shalom College

Shalom College is a Jewish residential college. It provides accommodation for 86 men and women students. Non-resident membership is available to students who wish to avail themselves of the Kosher dining room and tutorial facilities. Fees are payable on a session basis. Conferences are catered for, particularly with Kosher requirements. Rates are available on application. Apply in writing to the Master, Shalom College, the University of New South Wales, PO Box 1, Kensington, NSW 2033.

#### Warrane College

Warrane College provides accommodation for 200 men and is open to students of all ages, backgrounds and beliefs. The College offers a comprehensive tutorial program along with

a wide range of activities, professional orientation and opportunities to meet members of the University staff informally. Non-resident membership is available to male students who wish to participate in College activities and to make use of its facilities. The general spiritual care of the College has been entrusted to Opus Dei. Enquiries: The Master, Warrane College, PO Box 123, Kensington 2033. Telephone (02) 662 6199.

#### *Creston Residence*

Creston Residence offers accommodation to 25 undergraduate and graduate women students. Activities and tutorials are open to non-resident students. The spiritual activities offered at Creston are entrusted to the Women's Section of Opus Dei. Enquiries: 36 High Street, Randwick 2031. Telephone (02) 398 5693.

### Other Accommodation

#### Off-campus Accommodation

Students requiring other than College accommodation may contact the Housing Officer in the Chancellery, Room 148E for assistance in obtaining suitable accommodation in the way of rooms with cooking facilities, flats, houses, share flats, etc. Extensive listings of all varieties of housing are kept up-to-date throughout the year and during vacations. Accommodation in the immediate vicinity of the University is not usually easy to find at short notice, and is expensive.

No appointment is necessary but there may be some delay in February and March. The Housing staff are always happy to discuss any aspect of accommodation.

Special pamphlets on accommodation, lists of estate agents and hints on house-hunting are available on request.

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## Associations, Clubs and Societies

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### The Sports Association

The Sports Association is a student organization within the University which caters for a variety of sports for both men and women. In December 1952 the University Council approved the establishment of the Sports Association, which then consisted of five clubs. As the University has grown the Association has expanded, and it now includes thirty-eight clubs.

The Association office is situated on the 3rd floor, Squarehouse, E4, lower campus, and can be contacted on extension 2673. The control of the Association is vested in the General Committee which includes delegates from all the clubs.

Membership is compulsory for all registered students, and the annual fee is as set out later, in **Rules and Procedures, Enrolment Procedures and Fees Schedules, section 15. Fees.** Membership is also open to all members of staff and graduates of the University on payment of a fee as prescribed in the By-laws of the Association. All members are invited to

take part in any of the activities arranged by the Association, and to make use of the University's sporting and recreational facilities.

The Association is affiliated with the Australian Universities Sports Association (AUSA) which is the controlling body for sport in all Australian universities.

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## School and Faculty Associations

Many schools and faculties have special clubs with interests in particular subject fields. Enquire at the relevant Faculty or School Office for information.

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## Australian Armed Services

The University maintains links with the Royal Australian Navy, the Australian Army Reserve and the Royal Australian Air Force, and opportunities exist for student participation in their activities. See the **General Information** section of the Faculty Handbooks for details.

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## Chaplaincy Centre

### The University Chapel

The University provides a small chapel for the use of all faiths. In its temporary housing it is located in Hut E15a near the Chemistry Building. The chapel is available for services of worship by arrangement with the full-time chaplains. At other times it is available for private meditation to all members of the University.

### Chaplaincy Service

A Chaplaincy Service is available within the University of New South Wales for the benefit of students and staff.

The service offers fellowship, personal counselling and guidance, together with leadership and biblical and doctrinal studies and in worship. The chaplains maintain close liaison with student religious societies.

The chaplains are located in Hut E15a at the foot of Basser steps, which also contains the temporary chapel.

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## Deputy Registrar (Student Services)

The Deputy Registrar (Student Services), Mr Peter O'Brien, and his staff are located on the first floor of the Chancellery.

They will help those students who have problems and need advice but who do not seem to be provided for by the other organizations and services mentioned. As well as dealing with those enquiries, they are especially concerned with the

problems of physically handicapped and disabled students, overseas students, and aboriginal students.

All enquiries should be made either at room 148E or by telephoning extension 2482 (general enquiries).

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## Sport and Recreation Section

The Sport and Recreation Section seeks ways to encourage students and staff to include exercise as an essential part of their daily lives. It does this through Sports Clubs on a competitive basis and by offering physical recreation on a more casual basis to the University community.

The Section serves the Sports Association and its 38 constituent clubs and is responsible for the continuing management of the Physical Education and Recreation Centre at which recreational programs are available for both students and staff.

It makes bookings for use of sporting facilities including tennis courts and playing fields. This section is located on the 3rd Floor, Squarehouse, E4, lower campus. The various services may be contacted by phone on the following extensions: Recreation Program 3271; Grounds Bookings 2235; Tennis Bookings 2617; Sports Association 2673.

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## Physical Education and Recreation Centre

The Sport and Recreation Section provides a recreational program for students and staff at the Physical Education and Recreation Centre. The Centre consists of eight squash courts, seven tennis courts, a main building, and a 50-metre indoor heated swimming pool. The main building has a large gymnasium and practice rooms for fencing, table tennis, judo, weight-lifting, karate and jazz ballet, also a physical fitness testing room. The recreational program includes intramurals, teaching/coaching, camping. The Centre is located on the lower campus adjacent to High Street. The Supervisor at PERC may be contacted on extension 3271.

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## Student Counselling and Research Unit

The Student Counselling and Research Unit provides counselling services to students, prospective students, parents and other concerned persons.

The unit is located in the huts near the foot of Basser Steps (access from College Road or Engineering Road).

Appointments are offered throughout the academic year and during recesses between 8 am to 5 pm on week days (up to 7 pm on some evenings). A 'walk-in' service for short interviews is available between 9 am and 5 pm. Appointments may be made by phoning extension 3685 or 3681 between 8.30 am and 5.30 pm.

Counsellors offer assistance in planning, decision-making, problem solving, social and emotional development, and dealing with grievances. Group programs on such topics as study, tutorial and examination skills, stress management, communicating, and self-confidence are offered each session. Brochures are available from the receptionist.

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## Careers and Employment Section

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The Careers and Employment Section provides careers advice and assistance in finding employment.

Assistance with careers and permanent employment opportunities includes: the regular mailing of a *Job Vacancy Bulletin* to registered students and graduates, a Library, and a Campus Interview Program in which final year students have the opportunity to speak to employers regarding employment prospects.

Assistance is also provided in obtaining course-related employment during long vacations as required by undergraduates in Engineering and Applied Science.

The Section is located in Undercroft Room LG05 in the Chancellery.

For further information, telephone as follows: careers and employment assistance 3259 or 3630; long vacation industrial training 2086.

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## Student Health Unit

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A student health clinic and first aid centre is situated within the University. The medical service although therapeutic is not intended to replace private or community health services. Thus, where chronic or continuing conditions are revealed or suspected the student may be referred to a private practitioner or to an appropriate hospital. The health service is not responsible for fees incurred in these instances. The service is confidential and students are encouraged to attend for advice on matters pertaining to health.

The service is available to all enrolled students by appointment, free of charge, between 9 am and 5 pm Mondays to Fridays. For staff members, immunizations are available, and first aid service in the case of injury or illness on the campus.

The centre is located in Hut E15b on the northern side of the campus in College Road at the foot of the Basser Steps.

Appointments may be made by calling at the centre or by telephoning extension 2679, 2678 or 2677 during the above hours.

The Family Planning Association of NSW conducts clinics at the Student Health Unit and at the adjacent Prince of Wales Hospital which are available for both staff and students. Appointments may be made for the Student Health Unit clinic by telephoning 588 2833 or for the Prince of Wales Hospital clinics by telephoning 399 0111.

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## The Students' Union

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The Students' Union was formed in 1952 as an organization, duly recognized by the University Council, to represent the student body and to provide a central organization for the administration of student activities. In the words of its constitution 'The Students' Union is formed for the purpose of advancing the interests of University men and women, facilitating their general scientific and technical education, and fostering a University spirit among them'.

The Students' Union affords a recognized means of communication between the student body and the University administration, and represents its members in all matters affecting their interests. It aims to promote the cultural, educational and recreational life of the University and to encourage a permanent interest among graduates in the life and progress of student activities within the University. The Students' Union also makes representations to government and other bodies outside the University on behalf of its members.

Membership of the Students' Union is compulsory for all registered students of the University; the annual subscription for full-time and part-time students is set out later, in **Rules and Procedures, Enrolment and Procedures and Fees Schedules, section 15. Fees.** All alumni of the University are eligible for Life Membership.

The Students' Union is governed by a Council consisting in the main of elected student representatives from the various faculties of the University. There are also representatives of the University Council, Life Members, the Staff Association and the Sports Association. The Council is elected annually.

A full-time President, elected each year by popular ballot, directs the entire administration of the Students' Union and its activities, assisted by a Secretary-Treasurer.

Other officers are the Education Vice-President who works towards the implementation of Students' Union education policy; the Welfare-Research Officer concerned with helping students with problems they may encounter in the University; the Electronic Media Officer; and the Director of Overseas Students who deals with specific problems these students may encounter while in Australia.

The Students' Union has three full-time officers who are elected each year by popular ballot. They are the President, who is mainly the political figure-head of the Union; the Secretary/Treasurer, who organizes the smooth operation of the SU offices, keeps the membership rolls up to date, and oversees the financial operations; and the Women's Officer who represents women on campus and formulates, maintains and co-ordinates the Students' Union policy on women's affairs.

Other officers are the Education Vice-President, who works towards the implementation of Students' Union education policy; the Education Officer concerned with helping students with problems relating to TEAS, Show-Cause and other matters relevant to their courses; the Vice-President who ensures the efficient running of CASOC; and the Director of Overseas Students who deals with specific problems these students may encounter while in Australia.

The activities in which the Students' Union is involved include:

1. Publication of the Student Paper *Tharunka*.
2. Production of the student video program *Campuswide*.
3. A free legal service run by a qualified lawyer employed by the Students' Union Council.
4. The Secondhand Bookshop for cheap texts.
5. A child care centre, *House at Pooh Corner*.
6. CASOC (Clubs and Societies on Campus) which provides money from the SU for affiliated clubs and societies on campus.
7. A video service with access for students to equipment and advice.
8. A noticeboard for casual job vacancies.
9. Organization of orientation for new students.

The SU has two offices on campus. One is located at the back of the Library Lawn (between the Chancellery and the Morven Brown Building), the other is on the Second Floor of the Squarehouse (above the bar) at the bottom end of campus.

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## The University Library

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The University libraries are mostly situated on the upper campus. The library buildings house the Undergraduate Library on Level 3, the Social Sciences and Humanities Library on Level 4, the Physical Sciences Library on Level 7 and the Law Library on Level 8. The Biomedical Library is in the western end of the Mathews Building and is closely associated with libraries in the teaching hospitals of the University.

For details consult **Faculty Information** in the relevant Faculty Handbook.

There are also library services at other centres:

The Water Research Library situated at Manly Vale (telephone 948 0261) which is closely associated with the Physical Sciences Library.

The library at the Royal Military College, Duntroon, ACT, serving the Faculty of Military Studies.

Each library provides reference and lending services to staff and students and each of the libraries on the Kensington campus is open throughout the year during the day and evening periods. The exact hours of opening vary during the course of the academic year.

Staff and students normally use a machine-readable identification card to borrow from the University libraries.

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## The University Union

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The University Union provides the facilities students, staff and graduates require in their daily University life and thus an opportunity for them to know and understand one another through associations outside the lecture room, the library and other places of work.

The Union is housed in three buildings near the entrance to the Kensington Campus from Anzac Parade. These are the Roundhouse, the Blockhouse and the Squarehouse. Membership of the Union is compulsory for all registered students and is open to all members of staff and graduates of the University.

The control of the Union is vested in the Board of Management whose Chief Executive Officer is the Warden.

The full range of facilities provided by the Union includes a cafeteria service and other dining facilities, a large shopping centre (including clothing shop and delicatessen); travel service; banking, pharmaceutical, optometrical and hair-dressing facilities; showers; common, games, reading, meeting, music, practice, craft and dark rooms. The Union also has shops on Campus which cater for student needs, including art materials and calculators. The Union also operates various Food Service Points on the Upper Campus including the Sciences Cafeteria, Golf House and the Undercroft with a late night service in the Sciences Cafeteria. Photocopying, sign printing, and stencil cutting services are also available. The Union also sponsors special concerts (including lunch-time concerts) and conducts courses in many facets of the arts including weaving, photography, creative dance and yoga. Full information concerning courses is contained in a booklet obtainable from the Union's program department.

The University Union should not be confused with the Students' Union or Students' Representative Council as it is known in some other universities. This latter body has a representative function and is the instrument whereby student attitudes and opinions are crystallized and presented to the University and the community.

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## Student Membership of Faculties and Boards of Studies

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The provisions for the appointment of student members to faculties and boards of studies, stated by resolutions of Council of 9 May 1977 and 16 January 1978, are:

1. A person who is not a student of the University shall be ineligible to be appointed as a member of a faculty under these rules.

For the purposes of these rules 'student' means a person who is enrolled as a candidate proceeding to a degree or diploma of the University.

**2.** Each faculty shall recommend to the Professorial Board for consideration and recommendation to the Council the number, or the formula for determining the number, of students eligible to be appointed as members of that faculty and may at any time recommend changes in such matters.

**3.** Each faculty may recommend to the Professorial Board for consideration and recommendation to the Council the creation of distinct and separate electorates for the appointment of students as members and may at any time recommend changes in such matters.

**4.** All elections referred to in this resolution shall be conducted annually by the Registrar or his nominee, who shall be the Returning Officer, in accordance with the provisions of this resolution and any other relevant resolution of the Council, at places and times and using election machinery and method of counting agreed between the Registrar or his nominee and the Chairman of the relevant faculty.

**5.** Elections shall be by personal voting except that students registered as external students and those students not on campus because of course requirements shall be entitled to vote by post and shall be enabled to do so. The Registrar or his nominee in consultation with Chairman of the Relevant faculty shall determine which students are so entitled.

**6.** The names of the successful candidates in any election shall be submitted to Council for appointment to the respective faculties under the provisions of By-law 1(b) of Chapter IV.

**7.** A person elected to be a member of a faculty under the provisions of this resolution and so appointed by Council shall be entitled to such membership from the date of the first meeting of the faculty scheduled to take place after the student's nomination thereto is accepted by Council until the day before the scheduled date of the corresponding regular meeting in the following year save that such membership of a faculty shall not be retained on ceasing to be a student enrolled in the faculty which entitled election except that:

(1) a person who has ceased to be so enrolled by reason of having completed the course requirements between the time of election and the close of the period for which elected shall retain such membership for the full period, and

(2) a student who has been granted leave of absence from the University in order to carry out the duties of an appointment as a full-time salaried officer of the University Union, the Students' Union, or the Sports Association shall while occupying the office in question be deemed to be a student for the purpose of this resolution and shall retain such membership for the full period.

**8.** When a casual vacancy in the membership of a faculty occurs either by resignation or by virtue of the provisions of **7.** above the Registrar shall submit to Council for consideration for appointment to the vacancy for the remainder of the period of membership the name of the candidate if any who polled the greatest number of votes of the unsuccessful candidates at the most recent election in the relevant electorate.

**9.** That where a casual vacancy occurring in student membership of faculties or boards of studies cannot be filled within the provisions of **8.** above, the executive committee of

any faculty or board of studies be empowered to nominate to the Vice-Chancellor a student or students for consideration of appointment by Council.

**10.** Any student enrolled at the date on which the nominations close for a course leading to a degree or diploma awarded in a faculty shall be entitled to be nominated for, to be elected for, and to vote in an election for, membership of that faculty in such electorates as may be provided for under **3.** above.

**11.** Any student enrolled at the date on which nominations close for a course leading to degrees or diplomas awarded by several faculties shall be eligible in any year to be nominated for, to be elected for, and to vote in an election for, membership of each such faculty in such electorates as may be provided for under **3.** above, provided that such a student shall not in any year be nominated for, be elected for, or vote in an election for, membership of a faculty unless enrolled in a subject controlled by that faculty in that year.

**12.** Any student enrolled at the date on which nominations close for a course which contains a General Studies component shall be entitled to be nominated for, to be elected for, and to vote in an election for, membership of the Board of Studies in General Education in such electorates as may be provided for under **3.** above.

**13.** Any student enrolled at the date on which nominations close for the Science and Mathematics course (**3970**) shall be eligible to be nominated for, to be elected for, and to vote in an election for, membership of the Board of Studies in Science and Mathematics in such electorates as may be provided for under **3.** above.

**14.** In the interpretation of these provisions the expression 'faculty' includes 'boards of studies'.

## Electorates

Electorates for student membership of faculties and boards of studies were defined by Council resolution.

### *Faculty of Applied Science*

Five members elected by and from the students of the Faculty.

### *Faculty of Architecture*

Four members elected by and from the students of the Faculty.

### *Faculty of Arts*

Six members elected by and from the students of the Faculty.

### *Faculty of Biological Sciences*

(i) Two members elected by and from the graduate students of the Faculty.

(ii) One member elected by and from the undergraduates of the Faculty.

In the event of insufficient nominations being received from either electorate, the vacant place(s) shall be filled by the candidate(s), if any, receiving the greatest number of votes of the unsuccessful candidate(s) in the other electorate of the Faculty.

**Faculty of Commerce**

One member for each 500 students elected by and from the students of the Faculty, with a minimum number of three members, including where possible at least one candidate registered for an undergraduate degree and at least one candidate registered for a graduate degree or diploma.

**Faculty of Engineering**

(i) Two members elected by and from the undergraduates of the School of Civil Engineering.

(ii) Two members elected by and from the undergraduates of the School of Electrical Engineering.

(iii) Two members elected by and from the undergraduates of the School of Mechanical and Industrial Engineering.

(iv) Two members elected by and from the undergraduates of the School of Surveying.

(v) Two members elected by and from the graduate students of the Faculty.

**Faculty of Law**

One student member for every 200 registered students (or fraction thereof) or one student member for every ten full-time teachers on the Faculty (or fraction thereof), whichever is the greater, elected by and from the students of the Faculty.

**Faculty of Medicine**

(i) One member elected by and from the undergraduates in Year 1 of the Medicine course.

(ii) One member elected by and from the undergraduates in Year 2 of the Medicine course.

(iii) One member elected by and from the undergraduates in Year 3 of the Medicine course.

(iv) One member elected by and from the undergraduates in Year 4 of the Medicine course and those students enrolled in the course leading to the award of the degree of BMedSc.

(v) One member elected by and from the undergraduates in Year 5 of the Medicine course and the graduate students of the Faculty.

**Faculty of Military Studies**

(i) One member elected by and from the undergraduates enrolled in the BA degree course.

(ii) One member elected by and from the undergraduates enrolled in the BSc degree course.

(iii) One member elected by and from the undergraduates enrolled in the BE degree course.

(iv) One member elected by and from the graduate students of the Faculty.

**Faculty of Professional Studies**

(i) One member elected by and from the undergraduates in the School of Education.

(ii) One member elected by and from the undergraduates in the School of Health Administration.

(iii) One member elected by and from the undergraduates in the School of Social Work.

(iv) One member elected by and from the graduate diploma students in the School of Education.

(v) One member elected by and from the graduate diploma students in the School of Health Administration, the School of Librarianship and the School of Social Work.

(vi) One member elected by and from the graduate students, other than the graduate diploma students, in the School of Education.

(vii) One member elected by and from the graduate students, other than the graduate diploma students, in the School of Health Administration, the School of Librarianship and the School of Social Work.

**Faculty of Science**

(i) Two members elected by and from the undergraduates in the Pure and Applied Chemistry degree course (3910) and the Optometry degree course (3950).

(ii) One member elected by and from the graduate students of the Faculty.

**Board of Studies in Science and Mathematics**

Three members elected by and from the undergraduates in the Science and Mathematics course (3970).

**Australian Graduate School of Management Board of Studies**

(i) Two members elected by and from the students enrolled in either the MBA or MPA degree course.

(ii) One member elected by and from the students enrolled for the degree of Doctor of Philosophy in the AGSM.

**Australian Graduate School of Management Board of Management**

One member elected by and from the higher degree students in the AGSM (elected for a calendar year).

The provision for retention of membership of faculties and boards by students who are appointed officers of the University Union, the Sports Association and the provisions for filling casual vacancies, *do not* apply to membership of the AGSM Board of Management.

**Board of Studies in General Education**

(i) One member elected by and from the graduate students of the Board of Studies.

(ii) Three members elected by and from the undergraduates enrolled in courses containing a General Studies component.

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## Financial Assistance to Students

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**Tertiary Education Assistance Scheme**

Under this scheme, which is financed by the Commonwealth Government, assistance is available for full-time study in approved courses, to students who are not bonded and who are permanent residents of Australia, subject to a means test on a non-competitive basis. The allowances paid are unlikely to be sufficient, even at the maximum rate, for all the living expenses of a student. Family help and/or incomes from vacation or spare-time work would also be needed.

Students in the following types of university courses are eligible for assistance:

- Undergraduate and graduate bachelor degree courses
- Graduate diplomas
- Approved combined bachelor degree courses
- Master's qualifying courses (one year)

The rates of allowance and conditions for eligibility are set out in a booklet obtainable from the Commonwealth Department of Education.

Tertiary students receiving an allowance, and prospective tertiary students, will be sent application forms in January 1984. Forms are also available from the Admissions Section or the Careers and Employment Section, or from the Director, Department of Education, 59 Goulburn Street, Sydney, NSW 2000 (telephone 218 8800). Continuing students should submit applications as soon as examination results are available. New students should do so as soon as they are enrolled. All students should apply by 31 March 1984, otherwise benefits will not be paid for the earlier months of the year.

It is most important that students advise the TEAS office if at any time they change or discontinue their study programs, as their eligibility for benefits might be affected.

### Other Financial Assistance

In addition to the Tertiary Education Assistance Scheme financed by the Australian Government the following forms of assistance are available:

**1. Deferment of Payment of Fees** Deferments may be granted for a short period, usually one month, without the imposition of a late fee penalty, provided the deferment is requested prior to the due date for fee payments.

**2. Short Term Cash Loans** Donations from various sources have made funds available for urgent cash loans not exceeding \$100. These loans are normally repayable within one month.

**3. Early in 1973 the Commonwealth Government made funds available to the University to provide loans to students in financial difficulty.** The loans are to provide for living allowances and other approved expenses associated with attendance at university. Students are required to enter into a formal agreement with the University to repay the loan. The University is unable to provide from the fund amounts large enough for all or even a major part of the living expenses of a student.

From the same source students who are in extremely difficult financial circumstances may apply for assistance by way of a non-repayable grant. In order to qualify for a grant a student must generally show that the financial difficulty has arisen from exceptional misfortune. Grants are rarely made.

The University has also been the recipient of generous donations from the Arthur T. George Foundation, started by Sir Arthur George and his family, for the endowment of a student loan fund.

In all cases assistance is limited to students with reasonable academic records and whose financial circumstances warrant assistance.

Enquiries about all forms of financial assistance should be made at the office of the Deputy Registrar (Student Services), room 148E, in the Chancellery.

### Financial Assistance to Aboriginal Students

Financial assistance is available to help Aboriginal students from the Commonwealth Government's Aboriginal Study Grant Scheme. Furthermore, the University may assist Aboriginal students with loans to meet some essential living expenses.

The University has also received a generous bequest from the estate of the late Alice Brooks Gange for the education of Australian aborigines within the University. The University is engaged in consultations with groups and individuals for advice on the most effective ways of using the funds and has established a committee to advise the Vice-Chancellor in the matter.

All enquiries relating to these matters should be made at the office of the Deputy Registrar (Student Services), Room 148E, in the Chancellery.

## Scholarships

### Undergraduate Scholarships

As well as the assistance mentioned, there are a number of scholarships available to students. What follows is an outline only. Full information may be obtained from Room G20, located on the Ground Floor of the Chancellery.

Unless otherwise indicated in footnotes, applications for the following scholarships should be made to the Registrar by 14 January each year. Please note that not all of these awards are available every year.

Donor	Value	Year/s of Tenure	Conditions
<b>General</b>			
Bursary Endowment Board*	\$180 pa	Minimum period of approved degree/combined degree course	Merit in HSC and total family income not exceeding \$6000

\*Apply to The Secretary, Bursary Endowment Board, PO Box 460, North Sydney 2060, immediately after sitting for HSC.

## Undergraduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
<b>General (continued)</b>			
Sam Cracknell Memorial	Up to \$3000 pa payable in fortnightly instalments	1 year	Prior completion of at least 2 years of a degree or diploma course and enrolment in a full-time course during the year of application; academic merit; participation in sport both directly and administratively; and financial need
Girls Realm Guild	Up to \$1500 pa	1 year renewable for the duration of the course subject to satisfactory progress and continued demonstration of need	Available only to female students under 35 years of age enrolling in any year of a full-time undergraduate course on the basis of academic merit and financial need
Universities Credit Union	\$500 pa	1 year with the possibility of renewal	Prior completion of at least 1 year of any undergraduate degree course. Eligibility limited to members of the Universities Credit Union Ltd or members of the family of such members.

## Applied Science

### Ceramic Engineering

Australian Ceramic Society	Up to \$600 pa	1 year renewable for the duration of the course subject to satisfactory progress	Permanent residence in Australia and eligibility for admission to Year 1 or Year 2 of the full-time degree course in Ceramic Engineering
Australian Consolidated Industries Ltd	Up to \$600 pa		
Monier Limited	Up to \$1000 pa		
North Sydney Brick and Tile Co Ltd	Up to \$1000 pa		
The Brick Manufacturers' Association of New South Wales	Up to \$900 pa		
The State Brickworks	Up to \$900 pa		
The Thomson Family	Up to \$1000 pa		
Wunderlich Limited	Up to \$1000 pa		
Zacuba Pty Ltd	Up to \$750 pa		
Ferro Corporation	Up to \$600 pa		
Plessey Australia Pty Ltd	Up to \$1000 pa		
Fowlerware	Up to \$500 pa	1 year renewable for the duration of the course subject to satisfactory progress	Permanent residence in Australia and eligibility for admission to Year 2 of the full-time degree course in Ceramic Engineering

## Undergraduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
<b>Applied Science (continued)</b>			
<b>Chemical Engineering and Industrial Chemistry</b>			
Shell Refining (Australia) Pty Ltd	Up to \$800 pa	1 year renewable for the duration of the course subject to satisfactory progress	Eligibility for admission to Year 2 of the full-time degree course in Chemical Engineering
Dow Chemical (Australia)	Up to \$1000 pa		Permanent residence in Australia and eligibility for admission to Year 2 of the full-time degree course in Chemical Engineering
Australian Waste Disposal Conference Committee	Up to \$300 pa		Permanent residence in Australia and eligibility for admission to any year of the full-time degree course in Chemical Engineering (with Fuel Engineering electives)
ICI Australia Operations Ltd	Up to \$1000 pa		Permanent residence in Australia and eligibility for admission to Year 4 of the full-time degree course in Chemical Engineering

## Food Technology

Coca-Cola Export Corporation	Up to \$1000 pa	1 year renewable for the duration of the course subject to satisfactory progress	Permanent residence in Australia. Not more than 22 years of age on 1 December preceding the year in which the award commences and eligibility for admission to Year 1 of the full-time degree course in Food Technology.
Fielder Gillespie-White Wings	Up to \$1000 pa		
Food Technology Association	Up to \$1000 pa		
George Weston Foods Ltd	Up to \$4000 over 4 years		

## Fuel Engineering

Australian Waste Disposal Conference Committee	Up to \$300 pa	1 year with possibility of further extension subject to satisfactory progress	Permanent residence in Australia and eligibility for admission to any year of the full-time degree course in Chemical Engineering (with Fuel Engineering electives)
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## Undergraduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
<b>Metallurgy</b>			
LNC Industrial Products Pty Ltd	Up to \$1000 pa	1 year renewable for the duration of the course, subject to satisfactory progress	Permanent residence in Australia and eligibility for admission to Year 1 or Year 2 of the full-time degree course in Metallurgy or Metallurgical Process Engineering
Sandvik Australia Pty Ltd	Up to \$1250 pa		
Sir Rupert Myers	Up to \$1500 pa		Eligibility for admission to Year 1 of the full-time degree course in Metallurgy or Metallurgical Process Engineering
School of Metallurgy	Up to \$1000 pa		
<b>Mining Engineering</b>			
Stan Sawyer Memorial Scholarship to Coal Mining Students	Up to \$200 pa	1 year renewable for the duration of the course, subject to satisfactory progress	Eligibility for admission to Year 3 or Year 4 of the full-time degree course in Mining Engineering
<b>Textile Technology</b>			
Bonds Industries Ltd	Up to \$1600 pa	1 year renewable for the duration of the course, subject to satisfactory progress	Permanent residence in Australia and eligibility for admission to the full-time degree course in Textile Technology
Bradmill Industries Ltd			
Bruck (Australia) Limited	\$3100 or \$2010 pa		
Fibremakers Division of ICI Australia Operations Pty Ltd	\$2750 or \$1850 pa		
National Council of Wool Selling Brokers of Australia	Up to \$1500 pa		
Private Treaty Wool Merchants	Up to \$1500 pa		
Reckitt's Toiletries International	Up to \$1500 pa		
Textile Council of Australia	\$3100 or \$2010 pa		
<b>Wool and Pastoral Sciences</b>			
National Australia Bank	Up to \$1000 pa	1 year renewable for the duration of the course, subject to satisfactory progress	Permanent residence in Australia and eligibility for admission to the full-time degree course in Wool and Pastoral Sciences
Merck, Sharp and Dohme	Up to \$1000 pa		
National Council of Wool Selling Brokers of Australia	Up to \$2500 pa		

## Undergraduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
<b>Commerce</b>			
CSR Ltd	Up to \$2583 pa for 1st year; \$500 pa for 3rd and 4th year	1 year renewable for the duration of the course, subject to satisfactory progress	Eligibility for admission to the full-time course in Accounting, Finance and Systems, Economics, Econometrics, Marketing or Industrial Relations. The award is available for full-time study in Year 1, for part-time study in Year 2 over a period of two years while employed with the Company and for full-time study in the third and fourth years of the course.
<b>Marketing</b>			
LNC Industrial Products Pty Ltd	\$1000 pa	1 year renewable for the duration of the course, subject to satisfactory progress	Permanent residence in Australia and eligibility for admission to Year 2 or later years of the full-time Bachelor of Commerce degree course in Marketing
<b>Engineering</b>			
<b>Electrical Engineering and Computer Science</b>			
The Tyree Electrical Company Pty Ltd	Up to \$6720 over 4 years	1 year renewable for the duration of the course, subject to satisfactory progress	Eligibility for admission to the full-time degree course in Electrical Engineering
<b>Mechanical Engineering</b>			
The Fox Manufacturing Company	Up to \$1500 pa	1 year renewable for the duration of the course, subject to satisfactory progress	Eligibility for admission to the full-time degree course in Mechanical Engineering
James Howden & Co Australia Pty Ltd	Up to \$400 pa	1 year	Permanent residence in Australia and eligibility for admission to the full-time degree course in Mechanical Engineering
Shell Refining Australia Pty Ltd	Up to \$800 pa	1 year renewable for the duration of the course, subject to satisfactory progress	Eligibility for admission to Year 2 of the full-time degree course in Mechanical Engineering
<b>Surveying</b>			
The Institution of Surveyors, NSW Division	Up to \$1000 pa	1 year renewable for the duration of the course, subject to satisfactory progress	Permanent residence in Australia and eligibility for admission to the full-time degree course in Surveying

## Undergraduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
<b>Science</b>			
<b>Chemistry</b>			
John Ragnar Anderson Memorial Bequest	Up to \$1500 pa	1 year renewable for the duration of the course subject to satisfactory progress	Permanent residence in Australia and eligibility for admission to the full-time degree course in Chemistry
<b>Mathematics</b>			
Olivetti Australia Pty Ltd	Up to \$600 pa	2 years subject to satisfactory progress	Eligibility for admission to the third year of an honours program in the School of Mathematics in Pure/Applied Mathematics, Theoretical Mechanics or Statistics and leading to the award of the degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Science Diploma in Education
George Szekeres Award	\$200 pa	1 year	Open to students entering the final year of the honours degree course in Pure Mathematics

## Graduate Scholarships

Application forms and further information are available from the Student Enquiry Counter, located on the Ground Floor of the Chancellery. Information is also available on additional scholarships which may become available from time to time, mainly from funds provided by organizations sponsoring research projects.

The following publications may also be of assistance: **1.** *Awards for Postgraduate Study in Australia and Awards for Postgraduate Study Overseas*, published by the Graduate Careers Council of Australia, PO Box 28, Parkville, Victoria 3052; **2.** *Study Abroad*, published by UNESCO\*; **3.** *Scholarships Guide for Commonwealth Postgraduate Students*, published by the Association of Commonwealth Universities\*.

Where possible, the scholarships are listed in order of faculty.

Donor	Value	Year/s of Tenure	Conditions
<b>General</b>			
University of New South Wales Postgraduate Scholarships	Living allowance of \$5750 pa. Other allowances may also be paid	1-2 years for a Masters and 3-4 years for a PhD degree	Applicants must be honours graduates (or equivalent). Applications to Dean of relevant Faculty.
Commonwealth Postgraduate Research Awards			Applicants must be honours graduates (or equivalent) or scholars who will graduate with honours in current academic year, and who are domiciled in Australia. Applications to Registrar by 31 October.
Commonwealth Postgraduate Course Awards	Living allowance of \$6850 pa. Other allowances may also be paid.	1-2 years; minimum duration of course	Preference is given to applicants with employment experience. Applicants must be graduates or scholars who will graduate in current academic year, and who have not previously held a Commonwealth Postgraduate Award. Applications to Registrar by 30 September.

\*Available for reference in the University Library.

## Graduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
<b>General (continued)</b>			
Australian American Educational Foundation Travel Grant (Fulbright)*			Applicants must be graduates, senior scholars or post-doctoral Fellows. Applications close 30 September.
Australian Federation of University Women	Amount varies, depending on award	Up to 1 year	Applicants must be female graduates who are members of the Australian Federation of University Women
The Caltex Woman Graduate of the Year	\$16000 over 2 years for further studies in USA, UK, Northern Europe or in special cases Australia. There are no special allowances for travel or accommodation for married graduates.	2 years	Applicants must be female graduates who will have completed a University degree or diploma this year and who are Australian citizens or have resided in Australia for at least seven years. Selection is based on scholastic and literary achievements, demonstrable qualities of character and accomplishments in cultural and/or sporting/recreational activities. Applications close 30 September.
Commonwealth Scholarship and Fellowship Plan	Varies for each country. Generally covers travel, living, tuition fees, books and equipment, approved medical expenses. Marriage allowance may be payable.	Usually 2 years, sometimes 3	Applicants must be graduates who are Commonwealth citizens or British Protected Persons, and who are not older than 35 years of age. Applications close with Registrar by 15 September.
Sam Cracknell Memorial	Up to \$3000 pa		See above under <b>Undergraduate Scholarships, General</b>
The English-Speaking Union (NSW Branch)	\$5000		Applicants must be residents of NSW or ACT. Awarded to young graduates to further their studies outside Australia.
Gowrie Scholarship Trust Fund	\$3500 pa. Under special circumstances this may be increased.	2 years	Applicants must be members of the Forces or children of members of the Forces who were on active service during the 1939-45 War. Applications close with Registrar by 15 November.
Harkness Fellowships of the Commonwealth Fund of New York**	Living and travel allowances, tuition and research expenses, health insurance, book and equipment and other allowances for travel and study in the USA	12 to 21 months	Candidates must be: <b>1.</b> Either members of the Commonwealth or a State Public Service or semi-government Authority. <b>2.</b> Either staff or graduate students at an Australian university. <b>3.</b> Individuals recommended for nomination by the Local Correspondents. The candidate will usually have an honours degree or equivalent, or an outstanding record of achievement, and be not more than 36 years of age. Applications close early August.

\*Application forms are available from The Secretary, Department of Education, AAEF Travel Grants, PO Box 826, Woden, ACT 2606.

\*\*Application forms must be obtained from the Australian representative of the Fund, Mr L. T. Hinde, Reserve Bank of Australia, GPO Box 3947, Sydney, NSW 2001. These must be submitted to the Registrar by early August.

## Graduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
<b>General (continued)</b>			
Frank Knox Memorial Fellowships at Harvard University	Stipend of \$5600 pa plus tuition fees	1, sometimes 2 years	Applicants must be British subjects and Australian citizens, who are graduates or near graduates of an Australian university
The Rhodes Scholarship*	Approximately £3000 stg pa	2 years, may be extended for a third year	Unmarried male and female Australian citizens aged between 19 and 25 who have been domiciled in Australia at least 5 years and have completed at least 2 years of an approved university course. Applications close in early September each year.
Rothmans Fellowships Award**	\$16500 pa	1 year, renewable up to 3 years	The field of study is unrestricted. Applicants must have at least 3 years graduate experience in research. Applications close in July.

## Applied Science

Australian Pig Industry Research Committee Postgraduate Awards	\$6850 pa plus allowances	1 year subject to satisfactory progress. Renewable annually; maximum tenure of 2 years for a Masters candidate or 3 to 4 years for a PhD degree.	Applications close 15 September
Australian Wool Corporation Research Scholarship in Textile Technology			Applicants must be graduates in textile physics, textile chemistry, or textile engineering
Australian Wool Corporation Research Scholarship in Wool and Pastoral Sciences		Minimum 2 years. Maximum 3 to 4 years.	Applicants must be graduates in applied science, agricultural science or veterinary science
Australian Meat Research Committee Award†			Awarded for research into the beef and cattle industry leading to the award of the Masters or PhD degree. Applications close 31 July.

## Architecture

The Associated Hardware Manufacturers Scholarship	\$1500 pa or such other amount as the Dean may determine	1 year. Where a recipient is enrolled in a higher degree program and is making satisfactory progress the scholarship may be extended subject to the availability of funds.	Applicants shall have qualified for the degree of Bachelor of Architecture with honours or Bachelor of Building with honours at the University of New South Wales and such graduates shall be of not more than five (5) years standing at the time of taking up the scholarship. Applications to Registrar by 31 October.
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\*Applications to Mr H. McCredie, Secretary of the NSW Committee, University of Sydney, NSW 2006.

\*\*Applications to the Secretary, Rothmans University Endowment Fund, University of Sydney, NSW 2006.

†Application forms from Executive Officer, Australian Meat Research Committee, GPO Box 4129, Sydney 2001.

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**Graduate Scholarships (continued)**


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Donor	Value	Year/s of Tenure	Conditions
<b>Architecture (continued)</b>			
Byera Hadley Travelling Scholarship*	Varies year to year	Not more than 3 years	Awarded to outstanding graduate of a school of architecture in New South Wales for a course of study or research, or other activity contributing to the advancement of architecture. Graduate must be an Australian citizen and award is eligible up to 3 years from graduation.
The Lindsay Robertson Memorial Travel Award	A maximum of \$1000	1 year	Candidates should be Landscape Architecture graduates of the University of New South Wales. The award is to undertake full-time graduate study or research in Landscape Architecture at an approved overseas university or other approved overseas institution. Applications close 30 May.
The Master Builders' Association of NSW	\$500	2 years	Applicants must be graduates who have enrolled in the Master of Science (Building) degree course
Wightman/University Scholarship	\$2000 pa	1 year	Best final year student in BArch degree course proceeding to graduate study

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**Arts, Commerce, Law**

Shell Scholarship in Arts	Approximately £4000 stg pa plus travelling expenses	2 years, sometimes 3	Applicants must be Australian citizens, under 25 years of age, with at least 5 years domicile in Australia and who are completing a full-time course in law or a full-time honours course for Bachelor of Arts or Commerce. The successful candidate will attend a British university to pursue a higher degree. Applications close with the Registrar by 18 September.
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**Australian Graduate School of Management**

AGSM Awards	Living allowance up to \$5750 pa. Other allowances may also be payable.	2 years; normal duration of MBA or MPA degree course	Applicants must be graduates or scholars who will graduate in current academic year. Applications should reach the Registrar by 30 September but late applications may be considered if lodged before 30 November.
The Philip Brown Scholarships	Living allowance of \$5000 pa	2 years; normal duration of MBA degree course	Applicants must be Australian citizens or persons from overseas who have permanent residence status in Australia and are resident in Australia at the time of making application. Applicants must be under thirty-five years of age at the time of commencing the course. Applications close with the Registrar by 30 November each year.

\*Applications to the Registrar, Board of Architects of New South Wales, 196 Miller Street, North Sydney 2060, not later than 31 March each year.

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**Graduate Scholarships (continued)**


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Donor	Value	Year/s of Tenure	Conditions
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**Australian Graduate School of Management (continued)**

The Joseph Barling Fellowship			
	See below under Engineering		
Harold G. Conde Memorial Fellowship			

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**Biological Sciences**

John Clark Memorial Award in Psychology	\$1000	1 year	Applicants must be enrolled in a graduate course in psychology undertaking research in an area concerned with the ongoing problems of the community, particularly the behaviour of the 'whole person' in a social milieu
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**Engineering**

Harold G. Conde Memorial Fellowship	\$7350 pa plus allowances	1 year. Renewable up to 3 years.	Applicants should be honours graduates permanently domiciled in Australia. The Fellowship is for graduate study or research in a field related to the electricity industry, including management.
Australian Institute of Nuclear Science and Engineering Studentships	Single students \$8563 pa. Dependent spouse allowance \$2220 pa, \$520 for each dependent child, plus some University expenses.	1-3 years	Applicants must be graduates in Nuclear Science or Engineering. At least one quarter of the period of tenure must be spent at the Institute at Lucas Heights, NSW. Applications close early November.
The Joseph Barling Fellowship	Not less than \$8500	Maximum of 3 years	Candidates should be electrical engineering graduates of the University of New South Wales (in special circumstances mechanical and industrial engineering graduates may apply). The Fellowship is for full-time study for the award of the degree of Master of Business Administration, Master of Public Administration or Doctor of Philosophy at the University. Applications close 30 November.
Shell Scholarship in Science or Engineering	See below under Science		

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**Graduate Scholarships (continued)**


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Donor	Value	Year/s of Tenure	Conditions
<b>Medicine</b>			
The following organizations make available grants-in-aid for research in medical and related fields to enable graduates to undertake graduate study and research for higher degrees.			
The National Health and Medical Research Council  National Heart Foundation of Australia  Life Insurance Medical Research Fund of Australia and New Zealand  The New South Wales State Cancer Council  The Asthma Foundation of New South Wales  The Australian Kidney Foundation  Australian Tobacco Research Foundation	\$11160-\$12760 pa	1 year renewable	Applications by: 30 June  31 May  1 June  31 July  1 August  To enable a suitable graduate to undertake research in function or disease of the kidney, urinary tract and related organs. Applications close 1 September.  To enable a suitable graduate to undertake research in the relationship between tobacco smoking and health and disease. Applications close June 30.

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**Professional Studies**


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Australian Optometrical Association	\$1500		To enable a Bachelor of Optometry graduate to undertake the Master of Health Education degree course
John Metcalfe Scholarship funded by a wide range of subscribers	Up to \$2000 pa	1 year*	Applicants must be eligible for admission to, or enrolled in, one of the full-time graduate programs of the School of Librarianship. Applications by 14 January

\*Tenure may be varied in exceptional circumstances.

## Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for	
<b>Science</b>			
Contact Lens Society of Australia	\$2000 pa		To enable a graduate in optometry, medicine, or other appropriate discipline to undertake the degree of Master of Science or PhD in the School of Optometry. Enquiries to Dr B. Holden, School of Optometry.
The John Ragnar Anderson Memorial Scholarships in Chemistry	As determined by the Committee		To enable a graduate to undertake full-time study approved by the Head of School of Chemistry for the award of a higher degree. The scholarship may be held concurrently with another scholarship awarded for the same purpose. Applications to Registrar by 31 October.
The Rutherford Scholarship	Travel, fees, etc. A stipend which, if held in the UK, is worth £3610 stg pa.	3 years	To enable graduates under 26 years of age to undertake experimental research in a branch of natural science. It is tenable at a British Commonwealth University other than the country in which the applicant graduated. Applications close mid-February.
Science Research Scholarship of the Royal Commission for the Exhibition of 1851	£3560 stg pa	2 years. Renewal for further year possible	To enable graduates, usually not more than 26 years of age, to undertake research in some branch of pure or applied science at an overseas university. Applicants must be British Commonwealth citizens or citizens of the Republic of Ireland, Pakistan or South Africa, who have done at least 3 years of a university science course. Applications close mid-February.
Shell Scholarship in Science or Engineering	Approximately £4000 stg pa plus travelling expenses	2 years, sometimes 3	Applicants must be Australian citizens, under 25 years of age, with at least 5 years' domicile in Australia and who are completing the requirements for an honours degree in Science or Engineering. The successful candidate will undertake 2 years' graduate study towards the award of a higher degree at a British university.

## Prizes

### Undergraduate University Prizes

The following table summarizes the undergraduate prizes awarded by the University. Prizes which are not specific to any School are listed under General. All other prizes are listed under the Faculty or Schools in which they are awarded. Information regarding the establishment of new prizes may be obtained from the Examinations Section located on the Ground Floor of the Chancellery.

Donor/Name of Prize	Value \$	Awarded for
<b>General</b>		
Sydney Technical College Union Award	150.00 and medal	Leadership in the development of student affairs, and academic proficiency throughout the course
University of New South Wales Alumni Association	Statuette	Achievement for community benefit – students in their final or graduating year

### Faculties of Applied Science and Engineering

Institution of Engineers, Australia	Medal and 100.00	The most proficient final year (or last 2 years part-time) student in the Bachelor of Engineering (or Bachelor of Science (Engineering)) degree courses offered by the following Schools:  Civil Engineering Electrical Engineering and Computer Science Mechanical and Industrial Engineering Chemical Engineering and Industrial Chemistry Mining Engineering Textile Technology (Engineering option only)
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### Faculty of Commerce

The Sir Kevin Ellis	700.00	High degree of proficiency throughout combined BCom/LLB degree course
Universities Credit Union	200.00	Best performance in the full-time Year 1 of Master of Commerce degree course
Universities Credit Union	200.00	Best performance in the part-time Year 1 of Master of Commerce degree course
University of New South Wales Commerce Society	50.00	Academic proficiency throughout the Commerce degree course and leadership in student activities

### Faculty of Engineering

Institution of Engineers, Australia	See above under <b>Faculties of Applied Science and Engineering</b>	
The John Fraser Memorial Award	130.00	Excellence in the first year or equivalent part-time years of a bachelor degree course offered by the Faculty of Engineering

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**Undergraduate University Prizes (continued)**


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Donor/Name of Prize	Value \$	Awarded for
<b>Faculty of Law</b>		
Allen, Allen and Hemsley	200.00	Best performance in 90.900 Special Elective A/Mining Law
Corporate Affairs Commission	100.00	Best overall result in 90.401 Business Associations I
Dawson Waldron — in Property and Equity	100.00	90.301 Property and Equity
The Sir Kevin Ellis	700.00	High degree of proficiency throughout combined BCom/LLB degree course
Freehill, Hollingdale and Page	100.00	90.444 Elements of Income Tax
	100.00	90.402 Business Associations II
NSW Bar Association — for Advocacy	100.00	Examination in Chief Cross Examination competition
NSW Bar Association — for Litigation	200.00	90.101 Litigation
NSW Law Society	100.00	90.321 Conveyancing and Land Transactions
Spruson and Ferguson	100.00	Best overall result in 90.424 Industrial and Intellectual Property
Stephen Jaques Stone James — in Communications Law	100.00	90.223 Communications Law
Stephen Jaques Stone James — in Constitutional and Administrative Law	150.00	90.216 Constitutional and Administrative Law
Sir Alan Taylor	50.00	Academic proficiency in subjects common to Year 1 of courses leading to the award of the LLB or BJuris degree

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**Faculty of Medicine**

Australian Medical Association	100.00	A report based on the student's period of attachment in general practice
FRATADD	250.00	Essay on a clinical or scientific aspect of alcoholism or a drug of dependence (one prize available to undergraduates and graduates)
Medical Staff Association	100.00	General proficiency by a graduating student in the clinical years
Prince of Wales Hospital Ladies Auxiliary	100.00	General proficiency in Years 1 and 2 of the medical course
The Sugerman	1000.00	Most proficient research work done in basic or applied pathology in the Bachelor of Medical Science degree course
Wallace Wurth	200.00	General proficiency throughout the medical course

## Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
<b>School of Accountancy</b>		
Australian Society of Accountants	75.00	14.501 Accounting and Financial Management IA
	75.00	14.522 Accounting and Financial Management IIA
Chamber of Manufactures of New South Wales	50.00	14.703 Advanced Auditing
Coopers and Lybrand	200.00	14.542 Accounting and Financial Management IIB
Corporate Affairs Commission	100.00	14.803/14.903G Regulation of Accounting
Datec Pty Ltd	200.00	14.605 Information Systems IIIB
	150.00	Best honours thesis related to information systems design, data management or management science techniques used for commercial applications
Esso Australia Ltd	500.00	Overall outstanding achievement in the subjects 14.501 Accounting and Financial Management IA, 14.511 Accounting and Financial Management IB, 14.522 Accounting and Financial Management IIA, 14.542 Accounting and Financial Management IIB
Greenwood, Challoner & Co	100.00	14.742 Business Law II
Hungerford, Hancock & Offner	100.00	14.563 Accounting and Financial Management IIIA
Law Book Co Ltd	50.00	14.511 Accounting and Financial Management IB
	Books	
Peat, Marwick, Mitchell and Company	200.00	14.805/14.905G EDP Auditing
Planning Research Corporation (Aust) Pty Ltd	200.00	14.583 Accounting and Financial Management IIIB
Price Waterhouse	250.00	General Proficiency in Accounting and Financial Management subjects
Schroder Darling & Company Limited	200.00	14.613 Business Finance II
Rod Sinden Memorial	250.00	14.794 Honours thesis on an accounting topic
Taxation Institute of Australia	100.00	14.783 Taxation Law
John Menzies McKellar White Memorial	200.00	14.859/14.959G Advanced Studies in Taxation
E. S. Wolfenden Memorial	100.00	14.563 Accounting and Financial Management IIIA
Arthur Young & Co	60.00	14.613 Business Finance II

## School of Anatomy

The Prize in Practical Anatomy	100.00	Practical Anatomy (including Radiological Anatomy) – Year 2 of the medical course
The Gray's Point Prize in Anatomy	50.00	Highest aggregate mark in Year 1 of Anatomy
The Winifred Dickes Rost	50.00	Outstanding merit in Anatomy in final year of the Science and Mathematics Course
Jane Skillen	40.00	Outstanding merit in all branches of Anatomy

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**Undergraduate University Prizes (continued)**


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Donor/Name of Prize	Value \$	Awarded for
<b>School of Architecture</b>		
Board of Architects of New South Wales	250.00	An outstanding graduand in the School of Architecture
Byrne & Davidson Roll-A-Door	100.00	11.4307 World Architecture
Frank Fox Memorial	150.00	11.4334 Historical Research C
James Hardie & Co Pty Ltd	150.00	General proficiency throughout the Bachelor of Architecture degree course
Frank W. Peplow	100.00	Church Architecture or Design
Royal Australian Institute of Architects	250.00	Architectural Design and allied subjects in last two years of Bachelor of Architecture degree course

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**School of Biotechnology**

Mauri Brothers & Thomson (Aust) Pty Ltd	175.00	Best result in the Level II Biotechnology subject
	175.00	Best result in one of the Level III Biotechnology subjects
	175.00	Best result in the Biotechnology honours program

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**School of Building**

Byrne & Davidson Roll-A-Door	200.00	Bachelor of Building degree course, Year 3
James Hardie & Co Pty Ltd	100.00	Bachelor of Building degree course, Year 1
Institute of Wood Science (Australian Branch) — Timber in Building	50.00	35.609 Building Science IX (Timber)
Master Builders' Association of New South Wales	300.00	Merit performance in the Bachelor of Building degree course
O'Brien Glass Industries Ltd	300.00	Best undergraduate thesis in the Bachelor of Building degree course

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**School of Chemical Engineering and Industrial Chemistry**

Abbott Laboratories Pty Ltd	100.00	Bachelor of Engineering degree course in Chemical Engineering — Year 4
The Australian Gas Light Company's in Chemical Engineering	50.00	Subject selected by Head of School
Australian Paper Manufacturers Ltd	100.00	Best result in 48.163 Instrumentation and Process Control in Industrial Chemistry
	100.00	48.163 Instrumentation and Process Control I — in Chemical Engineering
Chamber of Manufactures of New South Wales	50.00	Subject selected by Head of School
Chemical Technology Society	25.00	Bachelor of Science in Industrial Chemistry
	25.00	Bachelor of Science degree course in Industrial Chemistry, Years 1 and 2 or Stages 1 to 4

## Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
<b>School of Chemical Engineering and Industrial Chemistry (continued)</b>		
CSR Limited	50.00	Subject within the discipline of Industrial Chemistry, selected by Head of School
Esso Australia Ltd	200.00	Best performance in Year 2 Chemical Engineering
Institution of Chemical Engineers	100.00 and medal	Best result for the thesis in the final year, or equivalent part time stage, of the Bachelor of Engineering degree course
Shell	100.00	General proficiency in the second year or its part-time equivalent in either the Chemical Engineering course or the Industrial Chemistry course
	100.00	General proficiency in the third year or its part-time equivalent in either the Chemical Engineering course or the Industrial Chemistry course
	100.00	General proficiency in the fourth year or its part-time equivalent in either the Chemical Engineering course or the industrial Chemistry course
	100.00	For a student who, in the opinion of the Head of School, has performed some meritorious activity of note either inside or outside the University
Simon-Carves Australia	21.00	Best performance in 48.135 Thermodynamics
Stauffer Australia Limited	50.00	Subject selected by Head of School
Western Mining Corporation Ltd	150.00	Best overall performance in 48.036 Chemical Engineering Laboratory I
	150.00	Best overall performance in 48.044 Chemical Engineering Laboratory II

## Department of Fuel Technology

Australian Institute of Energy	50.00	For a fuel subject or allied subject project
Shell	100.00	Subject selected by Head of School

## School of Chemistry

ACI Australia Limited	60.00	} Subject selected by Head of School
Chamber of Manufactures of New South Wales	50.00	
CSR Chemicals Ltd	200.00	Chemistry Honours
Inglis Hudson Bequest	15.00	2.002B Organic Chemistry I
Jeffery Bequest	100.00	2.043L Chemistry and Enzymology of Foods

## Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
<b>School of Chemistry (continued)</b>		
Merck Sharp & Dohme (Aust) Pty Ltd	52.50	Chemistry – Level II subjects in the Science and Mathematics Course
	52.50	Chemistry – Level III subjects in the Science and Mathematics Course
RACI Analytical Chemistry Group	150.00	2.013D Advanced Analytical Chemistry
The Nestlé Co (Aust) Ltd	175.00	
Tooth & Co Ltd	50.00	Subject selected by Head of School
UNSW Chemical Society Parke-Pope	50.00	
UNSW Chemical Society George Wright	50.00	

## School of Civil Engineering

Association of Consulting Structural Engineers of New South Wales	100.00	General proficiency – Structures in full-time final year of the Bachelor of Engineering degree course in Civil Engineering
	100.00	General proficiency – Structures in part-time final stage of the Bachelor of Science (Technology) degree course in Civil Engineering
Australian Conservation Foundation	50.00	Outstanding performance in subjects which develop environmental management concepts
Australian Welding Institute	30.00	Best design using a welding process for students in Years 2, 3 or 4
Chamber of Manufactures of New South Wales	50.00	Subject selected by Head of School
Department of Civil Engineering Materials Staff	50.00	Best aggregate mark in the subjects 8.273 Civil Engineering Materials II and 8.274 Civil Engineering Materials III
James Hardie Co Pty Ltd	100.00	Highest proficiency in 8.571 Hydraulics I
Hornibrook	200.00	Proficiency in Engineering Construction and Management
Crawford Munro Memorial	150.00	Highest proficiency in 8.582 Water Resources II
Water Board Gold Medal	Medal	Public Health Engineering

## School of Community Medicine

2/5 Australian General Hospital Association	150.00	Proficiency in Community Medicine
Australia and New Zealand Society of Occupational Medicine	100.00	Excellence in the Occupational Health option of 79.112 Community Medicine
New South Wales Department of Health	100.00	79.112 Community Medicine

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**Undergraduate University Prizes (continued)**


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Donor/Name of Prize	Value \$	Awarded for
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**School of Drama**

Fourth Centenary Shakespeare	200.00	Essay on Shakespearean topic
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**School of Economics**

Australian Finance Conference	75.00	15.083 Public Finance
Brinds Ltd	100.00	15.013 Macroeconomics III (Honours) and 15.153 Microeconomics III (Honours)
Economic Society in Economics	100.00 and three years' membership of the Economic Society	Final year in Bachelor of Arts degree course with honours in Economics, Bachelor of Commerce degree course with honours in Economics or Bachelor of Commerce degree course with honours in Economics and Econometrics
The Statistical Society of Australia (New South Wales Branch)	100.00 and one year's free membership of the Society	General proficiency throughout the Bachelor of Commerce degree course in Econometrics

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**School of Electrical Engineering and Computer Science**

Austral Crane	37.50	Bachelor of Engineering degree course in Electrical Engineering, Year 3
	37.50	Power or Control elective
Chamber of Manufactures of New South Wales	50.00	Subject selected by Head of School
Electricity Supply Engineers Association of New South Wales	40.00	Overall performance including proficiency in Electric Power Distribution in Year 3 full-time or equivalent part-time degree course
J. Douglas Maclurcan	40.00 Book order	Control Systems
The Wilfred Holmes Memorial Award	120.00	A student eligible to enter the final year of the degree course and who is deemed to be in necessitous circumstances

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**School of English**

New South Wales Association of University Women Graduates	50.00	English essays – women students only
Oxford University Press — H. J. Oliver Memorial	Books to the value of 100.00	English Literature

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**Undergraduate University Prizes (continued)**


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Donor/Name of Prize	Value \$	Awarded for
<b>School of Food Technology</b>		
Wilfred B. S. Bishop	20.00	General proficiency throughout Bachelor of Science degree course in Food Technology
Cottees General Foods	120.00	38.141 Food Regulation and Control

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**School of Health Administration**

Australian College of Health Service Administrators	100.00	Bachelor of Health Administration degree course
Rupert Fanning Memorial	50.00	Highest aggregate mark obtained in Management I, Management II and Management III
Anthony Suleau	50.00	16.601 Behavioural Science I
Grace Suleau	50.00	16.541 Accounting for Health Administration I

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**School of History**

The Ritchie Medal for Australian History	Medal	Excellence in Australian history – within the Bachelor of Arts degree course
The Winfred Mitchell Medal	Medal	Highest result in Year 1 History subjects by a mature age student
United Association of Women	100.00	Outstanding essay or thesis during the year on any aspect of the history of women in Australia

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**School of Landscape Architecture**

Lindsay Robertson Memorial	100.00	37.7134 Landscape Design
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**School of Marketing**

Australian Posters Outdoor Advertising	125.00	28.042 Consumer Behaviour
Ken Bentley – awarded by the Market Research Society of Australia (NSW Division)	100.00	28.053 Information Management
BP Marketing	250.00	28.073 Strategic Marketing and 28.083 Managerial Marketing
John Cunningham and Associates Pty Ltd	100.00	28.063 Promotional Management
Hoover Award for Marketing Studies	200.00 plus inscription on trophy held within the University, plus a suitable trophy	Student exhibiting the greatest general proficiency throughout the Bachelor of Commerce degree course in Marketing
Philips Industries Holdings Ltd	100.00	28.012 Marketing Systems

## Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
<b>School of Mathematics</b>		
Applied Mathematics	50.00	Excellence in Level III Applied Mathematics subjects
Head of School's	50.00	Excellence in 5 or more Level II Mathematics subjects (Arts: 20 credit points or more)
J. R. Holmes	50.00	Excellent performance in at least 4 pass-level (up to 1 pass-level unit may be replaced by a higher-level unit) Pure Mathematics Level III units taken over no more than two consecutive years
ICI Theory of Statistics IV	100.00	Theory of Statistics IV
Pure Mathematics	50.00	Excellence in Level III Pure Mathematics subjects
School of Mathematics	30.00	Excellence in 10.011 Higher Mathematics I
	30.00	Excellence in basic second year Higher Mathematics subjects (10.121A, 10.1213, 10.1214, 10.2211, 10.2212)
	30.00	Excellence in 5 or more Level II Mathematics subjects (Arts: 20 credit points or more)
I. P. Sharp Associates	75.00	Higher Theory of Statistics II
Statistical Society of Australia (New South Wales Branch)	50.00 and one year's free membership of the Society	General proficiency – Theory of Statistics subjects
Theoretical Mechanics	50.00	Excellence in Level III Theoretical Mechanics subjects
W. D. & H. O. Wills (Aust) Ltd Theory of Statistics III	50.00	Theory of Statistics III or Higher Theory of Statistics III

## School of Mechanical and Industrial Engineering

Atlas Copco	125.00	General proficiency in Bachelor of Engineering degree course in Mechanical Engineering
Austral Crane	75.00	Full-time Year 3 Mechanical Engineering
Babcock Aust Ltd	40.00	Subject selected by Head of School
David Carment Memorial	350.00 and medal	Highest proficiency in Final Year of Naval Architecture degree course
Chamber of Manufactures of New South Wales	50.00	Subject selected by Head of School
Computer-Based Engineering Design	75.00	Best undergraduate or graduate thesis making a contribution to Computer-Based Engineering Design in the School of Mechanical and Industrial Engineering
CSR Limited	60.00	Subject selected by Head of School
Ford Motor Co of Aust Ltd	75.00	
Harbin Polytechnical Alumni Association	100.00	Subject selected by Head of School
Jeremy Hirschhorn	20.00	Theory of Machines
Royal Institution of Naval Architects	50.00	Best ship design in the final year

## Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
<b>School of Mechanical and Industrial Engineering (continued)</b>		
Staedtler (Pacific) Pty Ltd	100.00 (open order)	General proficiency in Bachelor of Engineering degree course in Mechanical Engineering, Year 2
The Australian Institute of Refrigeration, Air Conditioning and Heating	60.00	Refrigeration and Air Conditioning

### Department of Industrial Engineering

Austral Crane	75.00	Bachelor of Engineering degree course in Industrial Engineering, Year 3
Chamber of Manufactures of New South Wales	50.00	Subject selected by Head of School
R. E. Jefferies Memorial	250.00	Performance in final year/stage of Bachelor of Engineering degree course in Industrial Engineering
TRW Australia Ltd	20.00	Bachelor of Science (Engineering) degree course in Industrial Engineering, Stage 6

### School of Medicine

W. G. Telleson Memorial	31.50	80.013 Clinical Studies III in Year 3 of the Medicine course
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### School of Metallurgy

Alcan Australia Ltd	100.00	} Subject selected by Head of School
Austral Crane	150.00	
Australian Institute of Metals	50.00 and one year's membership of the Institute	
Australian Welding Institute	30.00 Book order	
Chamber of Manufactures of New South Wales	50.00	
The Broken Hill Proprietary Co Ltd	100.00	
The Electrolytic Refining and Smelting Co of Australia Ltd	40.00	
Western Mining Corporation Ltd	150.00	Best overall performance in Year 3 full-time (or its equivalent part-time) in Bachelor of Engineering (or Bachelor of Science (Technology)) degree course
	150.00	Best overall performance in Year 4 full-time (or its equivalent part-time) in the Bachelor of Engineering (or Bachelor of Science (Technology)) degree course
Zinc Corp Ltd	80.00	Subject selected by Head of School

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**Undergraduate University Prizes (continued)**


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Donor/Name of Prize	Value \$	Awarded for
<b>School of Mining Engineering</b>		
Joint Coal Board	125.00	Bachelor of Engineering degree course in Mining Engineering, Year 2
	125.00	Bachelor of Engineering degree course in Mining Engineering, Year 3
	250.00	Bachelor of Engineering degree course in Mining Engineering — general proficiency throughout course
Western Mining Corporation Ltd	150.00	Best overall performance in final year of Bachelor of Engineering degree course
	150.00	General proficiency throughout the Bachelor of Engineering degree course
	150.00	Best overall performance in penultimate year of Bachelor of Engineering degree course

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**School of Obstetrics and Gynaecology**

Royal Hospital for Women Senior Medical Staff	50.00	Final written and practical examinations in Obstetrics and Gynaecology
Gordon Lowe Memorial	25.00	Clinical and oral examinations in Obstetrics and Gynaecology

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**School of Optometry**

Australian Optometrical Association	200.00	Subject selected by Head of School
Bausch & Lomb Soflens	Diagnostic set of contact lenses valued at 700.00	31.841 Clinical Optometry
Contavue	Trial fitting set of contact lenses	Best essay or project on contact lenses
L. G. Darcey Memorial	30.00	31.811 Optometry I
Hoya Australia Pty Ltd	250.00	Highest academic record in the Optometry degree course
Hydron (Australia) Pty Ltd	75.00	31.813 Optometry III
	75.00	Optometry Year 4
International Optics	30.00	Subject selected by Head of School
Theo Kannis	250.00	31.841 Clinical Optometry
G. Nissel & Co Aust Pty Ltd	Trial fitting set of contact lenses	31.813 Optometry III and 31.841 Clinical Optometry — Contact Lenses sections
Optical Products Pty Ltd	100.00	Subject selected by Head of School
Optometric Vision Research Foundation	100.00	Research project
Optometrists' Association of NSW	50.00	Subject selected by Head of School

## Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
<b>School of Optometry (continued)</b>		
Optyl (Australia) Pty Ltd	100.00	31.812 Optometry II
Bryan Powell	100.00	Colour vision section of 31.841 Clinical Optometry
Filmer Sceats Memorial	30.00	31.812 Optometry II
Martin Wells Pty Ltd	200.00	31.821 Special Anatomy and Physiology
	200.00	31.831 Diseases of the Eye
	200.00	Final Year Essay
The Keith Woodland Memorial	75.00	Binocular vision component of 31.813 Optometry III and 31.841 Clinical Optometry

## School of Paediatrics

Carnation Company Award	105.00	For a student with good academic attainments and who undertakes additional studies in Paediatrics during the elective term or at some other time
Margaret Dance Memorial Award	100.00	
	100.00	
Paediatrics Staff	100.00	For graduand who excels in Paediatrics

## School of Pathology

G. R. Cameron Memorial	50.00	Excellence in the Pathology component of 80.311 Paraclinical Science
The Sugerman	1000.00	Most proficient student in a combination of the Pathology component of 80.311 Paraclinical Science and 80.400 Integrated Clinical Studies in Year 4 of the Medicine degree course and in Year 5 of the combined Science and Medicine degree course

## School of Physics

ETP-Oxford	200.00	Student(s) who prepare the most meritorious design study of an optical system in 1.713 Advanced Laser and Optical Applications
The Gordon and Mabel Godfrey	100.00	Excellence in at least three of the Year 3 Theoretical Physics subjects 1.5133, 1.5233, 1.5333, 1.5433 and 1.5533
	100.00	Excellence in 1.504 (Year 4 of the honours degree course in Theoretical Physics)
	300.00	Student who has completed Year 3 and is entering the final year of the Honours degree course in Theoretical Physics
Head of School's in Physics	30.00	Most creditable Year 4 honours thesis
Institute of Physics	50.00	Highest aggregate marks in three of the Units 1.0133, 1.0143, 1.023, 1.0333, 1.043 and 1.0343

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**Undergraduate University Prizes (continued)**


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Donor/Name of Prize	Value \$	Awarded for
<b>School of Physics (continued)</b>		
Laser Electronics	200.00	Excellence in the laboratory work in 1.763 Laser and Optical Technology Laboratory I
Physics Staff for Applied Physics	30.00	Highest aggregate marks in three units of the following subjects: 1.133, 1.3033, 1.3133, 1.3233, 1.3333, 1.3533, 1.713, 1.763, 1.0533 and 1.0543
Physics Staff for Physics I	50.00	Highest mark in 1.011
Physics Staff for Physics II	50.00	Highest aggregate mark in 1.002, 1.012, 1.022 and 1.032
Physics Staff for Physics IV Honours	50.00	Highest mark in 1.104, 1.304 or 1.504
Physics Staff for Theoretical Physics	30.00	Highest aggregate marks in 1.1133, 1.5133, 1.5233, 1.5333, 1.5433 and 1.5533
Quentron Optics	200.00	Excellence in 1.713 Advanced Laser and Optical Applications
Radiation Research	200.00	Excellence in the laboratory work in 1.773 Laser and Optical Technology Laboratory II

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**School of Political Science**

Australian Institute of Political Science	50.00 and one year's subscription to the <i>Australian Quarterly</i> and free enrolment at the Institute's Summer School	Political Science Year 1
Staff of the School of Political Science	50.00	Best performance in Political Science Year 2
Shell	100.00	Distinguished performance in the Political Science degree course
The Sydney Morning Herald	100.00	Political Science Year 2 or later

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**School of Psychiatry**

David Jeremy Keen Memorial	50.00	80.212 Human Behaviour II
John Kerridge Memorial	100.00	Psychiatry, Final Year

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**School of Psychology**

Australian Psychological Society	100.00	A Year 4 Psychology subject selected by Head of School
Milon Buneta	50.00	Best Psychology Year 2 performance by a student in the Bachelor of Science degree course in Psychology
Psychology Staff	80.00	Best Psychology Year 2

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**Undergraduate University Prizes (continued)**


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Donor/Name of Prize	Value \$	Awarded for
<b>School of Surgery</b>		
The Graduation Prize in Surgery	100.00	80.400 Integrated Clinical Studies
The Royal Australian College of Ophthalmologists	100.00	Essay on Ophthalmological subject
<b>School of Surveying</b>		
Association of Consulting Surveyors NSW	100.00	Most outstanding student in the field of land studies
Board of Surveyors Medal	Medal	Bachelor of Surveying degree course, Final Year
R. S. Mather Memorial	100.00	Most outstanding student in Geodesy
<b>School of Textile Technology</b>		
J. B. Speakman	20.00	Undergraduate thesis
R. J. Webster	100.00	General proficiency throughout the Bachelor of Science degree course in Textile Technology
<b>School of Town Planning</b>		
The NSW Department of Environment and Planning	150.00	Bachelor of Town Planning degree course, Year 5
Royal Aust Planning Institute, NSW Division	150.00	Bachelor of Town Planning degree course, Year 3
John Shaw Memorial	200.00	Best result in Thesis in the Bachelor of Town Planning degree course
<b>School of Wool and Pastoral Sciences</b>		
Bayer Animal Health	1000.00	General proficiency – Wool and Pastoral Sciences degree course, Year 2 and Year 3
C. R. Lucock	A book or a voucher to the value of 50.00 payable to University Co-op Bookshop Limited	Meat Science
P. R. McMahon Memorial	100.00	Excellence in Wool Science
Parkes Wool Promotion Committee	A shield held in the School of Wool and Pastoral Sciences on which the successful student's name is engraved each year	Bachelor of Science degree course in Wool and Pastoral Sciences, Year 3

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## Graduate University Prizes

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The following table summarizes the graduate prizes awarded by the University.

Donor/Name of Prize	Value \$	Awarded for
<b>Faculty of Medicine</b>		
FRATADD	250.00	Essay on a clinical or scientific aspect of alcoholism or a drug of dependence (one prize available to undergraduates and graduates)

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## Australian Graduate School of Management

Avigdor Ariel	50.00	Overall proficiency in Master of Business Administration degree course by a student over the age of 35 years at time of completion of course
Australian Finance Conference	75.00	Overall proficiency in 85.132G Finance
Australian Institute of Management Award	100.00	Overall proficiency in Master of Business Administration degree course, Year 2
Schroder Darling & Company Limited	200.00	85.133G Capital Markets and Institutions
Graduate Management Association Ltd	200.00	Outstanding performance in 85.715G Corporate Policy or 85.716G Public Policy in Final Year of a masters degree course offered by the Australian Graduate School of Management
Cecil Hall	70.00	The highest degree of general proficiency in a masters degree course offered by the Australian Graduate School of Management
Institute of Directors	200.00	Best overall performance by a first year student in each calendar year proceeding to award of a master's degree in the AGSM
Institute of Management Consultants	250.00	Subjects relating to the management of human resources in the masters program
Pioneer Concrete	150.00	Overall proficiency in 85.101G Accounting Information and 85.132G Finance

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## School of Accountancy

Arthur Andersen & Co	50.00	14.960G Corporate Organization and Strategy
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## School of Biotechnology

Mauri Brothers & Thomson (Aust) Pty Limited	175.00	Best overall performance in the Master of Science (Biotechnology) degree course
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**Graduate University Prizes (continued)**


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Donor/Name of Prize	Value \$	Awarded for
<b>School of Building</b>		
Alex Rigby	105.00	Master of Science (Building) — distinguished graduate
<b>School of Chemical Engineering and Industrial Chemistry</b>		
The Clean Air Society of Australia and New Zealand	100.00	48.381G Atmospheric Pollution and Control, or a subject of an equivalent nature, taken by students in graduate courses in the School of Chemical Engineering
<b>School of Chemistry</b>		
Smith Kline and French	100.00	Best performance in the Graduate Diploma in Food and Drug Analysis course
<b>School of Civil Engineering</b>		
Institute of Advanced Motorists	20.00	Traffic Planning and Control
Wabco Aust Pty Ltd	400.00	Most distinguished graduate in the Master of Engineering Science degree course in Highway Engineering
<b>School of Health Administration</b>		
2/5 Australian General Hospital Association	150.00	General proficiency in Master of Health Administration or Master of Health Planning degree courses
<b>School of Marketing</b>		
The ACI Marketing	200.00	28.913G Marketing Management
<b>School of Mathematics</b>		
J. R. Holmes	50.00	Master of Arts pass degree course in Mathematics
<b>School of Optometry</b>		
Hydron Contact Lens	A trial fitting set of contact lens	31.705G Advanced Contact Lens Theory and Practice
Theo Kannis	250.00	31.701G Advanced Clinical Optometry

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## Rules and Procedures

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The University, in common with other large organizations, has established rules and procedures which are designed for the benefit of all members of the University. In some cases there are penalties (eg fines or exclusion from examinations) for non-compliance. Any student who, after carefully reading the rules set out in the following pages, requires further information on their application should seek further advice, in the first instance, at the Enquiry Counter in the North Wing of the Chancellery Building.

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### General Conduct

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The University has not considered it necessary to formulate a detailed code of rules relating to the general conduct of students. Enrolment as a student of the University, however, involves an undertaking to observe the regulations, by-laws and rules of the University, and to pay due regard to any instructions given by any officer of the University.

#### Appeals

Section 5(c) of Chapter III of the By-laws provides that 'Any person affected by a decision of any member of the Professorial Board (other than the Vice-Chancellor) in respect of breach of discipline or misconduct may appeal to the Vice-Chancellor, and in the case of disciplinary action by the Vice-Chancellor, whether on appeal or otherwise, to the Council'.

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### Admission and Enrolment

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The Student Enquiry Counter, located near the Cashier in the Chancellery on the upper campus, provides information for students on admission requirements, undergraduate and graduate courses and enrolment procedures. Faculty handbooks and the Calendar may be purchased from the Cashier. The Enquiry Counter is open from 9 am to 5 pm, Monday to Friday. During enrolment it is also open for some part of the evening.

Information may be obtained here about special admission, admission with advanced standing and admission on overseas qualifications. Applications are also received from students who wish to transfer from one course to another, resume their studies after an absence of twelve months or more, or seek any concession in relation to a course in which they are enrolled. It is essential that the closing dates for lodgement of applications are adhered to. For further details see the section on **Enrolment Procedures and Fees**.

Applications for admission to undergraduate courses from students who do not satisfy the requirements for admission (see section on **Admission Requirements**) are referred by the Admissions Section to the Admissions Committee of the Professorial Board.

Students wishing to enrol as higher degree candidates should first consult the Head of the School in which they wish to study. An application is then lodged on a standard form and the Postgraduate Section, after obtaining a recommendation from the Head of School, refers the application to the appropriate Faculty or Board of Studies Higher Degree Committee.

Details of the procedure to be followed by students seeking entry to first year undergraduate degree courses at the University may be obtained from the Student Enquiry Counter or the Universities and Colleges Admissions Centre.

An Adviser for Prospective Students, Mrs Fay Lindsay, is located in the Chancellery, and is available for personal interview with those who require additional information about the University.

#### First Year Entry

Those seeking entry to first year courses in one or more of eighteen institutions in the State including the University of Wollongong and the three universities in the Sydney Metropolitan area (Macquarie University, the University of New South Wales and the University of Sydney) are required to lodge a single application form with the Universities and Colleges Admissions Centre, Challis House, 10 Martin Place, Sydney 2000 (GPO Box 7049, Sydney 2001). On the application form provision is made for applicants to indicate preferences for courses available in any one of the three universities and fifteen other tertiary institutions. Students are notified individually of the result of their applications and provided with information regarding the procedures to be followed in order to accept the offer of a place at this university. Enrolment is completed at the Enrolment Bureau, Unisearch House, 221 Anzac Parade, Kensington.

#### Deferment of First Year Enrolment

Students proceeding directly from school to University who have received an offer of a place may request deferment of enrolment for one year and will usually receive permission providing they do not enrol at another tertiary institution in that year.

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### Admission Requirements

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A candidate for any degree of Bachelor of the University must have qualified for matriculation.

In addition, candidates must be selected before being permitted to enrol in a course. In 1984 it may be necessary for the University to limit the number of students enrolling in all undergraduate courses.

**Special assistance for Aboriginal students**

The University may admit suitably qualified persons of Aboriginal descent outside of any quota restrictions.

Upon receipt of an application under this provision, the University will assess the applicant's potential to cope with University studies, and will arrange advice about the choice of a course and subsequent career opportunities.

All enquiries relating to this scheme should be directed to the Deputy Registrar (Student Services), Room 148A, the Chancellery.

**Matriculated student**

A candidate who has satisfied the conditions for matriculation and for admission to a course of study shall be classed as a 'matriculated student of the University', after enrolment.

A person who has satisfactorily met the conditions for admission may be provided with a statement to that effect.

Subjects approved by the Professorial Board:

Agriculture	Italian
Ancient History	Japanese
Arabic	Latin
Art	Latvian
Chinese	Lithuanian
Classical Greek	Macedonian
Croatian	Mathematics
Czech	Modern Greek
Dutch	Modern History
Economics	Music
English	Polish
Estonian	Russian
Farm Mechanics	Science
French	Serbian
General Studies	Sheep Husbandry and Wool
Geography	Technology
German	Slovenian
Hebrew	Spanish
Home Science	Textile and Design
Hungarian	Turkish
Indonesian	Ukrainian

**Admission to a Course**

Admission to all courses is subject to selection on the basis of the matriculation aggregate.

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**Matriculation and Admission Requirements for Entry in 1984**


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**Bachelor Degree Courses**


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**Requirements for Entry in 1984 in terms of the NSW Higher School Certificate Examination**
**Matriculation**

Matriculation is the minimum educational qualification necessary for entry to a bachelor degree course in the University **but it does not** ensure admission to a course.

Students who are candidates for the New South Wales Higher School Certificate in 1983 shall **matriculate** to the University of New South Wales if they:

1. have sat at least ten units in approved subjects including English;
2. have achieved an aggregate of marks in the best ten units in approved subjects at a standard approved by the Professorial Board.

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**University Prerequisite Requirements**


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Before students may enrol in a number of first year subjects they are required to be placed within a percentile range in specific Higher School Certificate courses.

The schedule which follows lists the undergraduate courses offered by the University and, where applicable, the Higher School Certificate examination prerequisite/s for compulsory first year subjects in each course.

Students are advised that lack of the specified subject prerequisite/s will not preclude selection to any course, but the required standard must be achieved before enrolment in the University subject is permitted.

Introductory subjects are available to students who do not have the Higher School Certificate prerequisite/s in Mathematics, Physics, Chemistry, and Foreign Languages.

It should be noted that inclusion of these subjects in first year programs could prevent completion of a course in minimum time.

Course	Full-time or Part-time	HSC Prerequisites for Compulsory First Year Subjects	Percentile Range Required
Architecture	FT	Nil	
Accounting, Finance and Systems	FT or PT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u A English or 2 u English or 3 u English	51-100 21-100 1-100 31-100 21-100 11-100
Arts	FT	Nil	
Arts/Education	FT	No compulsory subjects—	
Social Science	FT	but the following subjects require: <b>English</b> 2 u English** or 3 u English	31-100 1-100
		<b>Russian</b> 2 u Russian or 3 u Russian 2 u Z Russian	41-100 41-100 91-100
Building	FT	Nil	
Ceramics	PT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100
Chemistry – Industrial	FT or PT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 2 u Science (Chemistry) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100 31-100
Chemistry – Pure and Applied	FT or PT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 2 u Science (Chemistry) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100 31-100
Economics	FT or PT	2 u Mathematics* or	51-100
Econometrics	FT or PT	3 u Mathematics or	21-100
Economics and Econometrics	FT or PT	4 u Mathematics and	1-100
Economic History	FT or PT	2 u A English (General) or 2 u English or 3 u English	31-100 21-100 11-100
Engineering – Aeronautical	FT or PT	2 u Mathematics* or 3 u Mathematics or	71-100 21-100
Engineering – Ceramic	FT	4 u Mathematics and	1-100

Course	Full-time or Part-time	HSC Prerequisites for Compulsory First Year Subjects	Percentile Range Required
Engineering – Chemical	FT or PT	2 u Science (Physics) or 4 u Science (multistrand)	31-100 31-100
Engineering – Civil	FT or PT		
Engineering – Electrical	FT or PT		
Engineering – Industrial	FT or PT		
Engineering – Mechanical	FT or PT		
Engineering – Metallurgical Process	FT		
Engineering – Mining	FT		
Food Technology	FT or PT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 2 u Science (Chemistry) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100 31-100
Geography – Applied	FT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u A English (General) or 2 u English or 3 u English	51-100 11-100 1-100 31-100 21-100 11-100
Geography – Economic			
Geography – Option			
Applied Physical	FT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 2 u Science (Chemistry) or 2 u Science (Geology) or 2 u Science (Biology) or 4 u Science (multistrand)	51-100 11-100 1-100 31-100 31-100 31-100 31-100 31-100
Geology – Applied	FT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 2 u Science (Chemistry) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100 31-100
Health Administration	FT or PT (Ext.)	Nil	
Industrial Relations	FT or PT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u A English (General) or 2 u English or 3 u English	51-100 21-100 1-100 31-100 21-100 11-100

Course	Full-time or Part-time	HSC Prerequisites for Compulsory First Year Subjects	Percentile Range Required
Jurisprudence	FT	Nil	
Landscape Architecture	FT	Nil	
Law	FT or PT	Nil Entry to this course is restricted FT to graduates and PT to graduates or to persons 25 years of age or older	
Law/Arts	FT	Nil	
Law/Commerce (Accounting, Finance and Systems)	FT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u A English (General) or 2 u English or 3 u English	51-100 21-100 1-100 31-100 21-100 11-100
Law/Commerce (Economics)		as above	
Law/Commerce (Industrial Relations)	FT	as above	as above
Law/Commerce (Marketing)	FT	as above	as above
Law/ Jurisprudence	FT	Nil	
Law/Science	FT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics	51-100 11-100 1-100
Marketing	FT or PT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u A English (General) or 2 u English or 3 u English	51-100 21-100 1-100 31-100 21-100 11-100
Mathematics/ Education	FT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics	71-100 21-100 1-100
Medicine	FT	2 u Science (Chemistry) or 4 u Science (multistrand)	31-100 31-100
Metallurgy	FT or PT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 2 u Science (Chemistry) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100 31-100
Naval Architecture	FT or PT	2 u Mathematics* 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100

Course	Full-time or Part-time	HSC Prerequisites for Compulsory First Year Subjects	Percentile Range Required
Optometry	FT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 2 u Science (Chemistry) or 4 u Science (multistrand) or 2 u Science (Geology) or 2 u Science (Biology)	71-100 21-100 1-100 31-100 31-100 31-100 51-100 51-100
Psychology (Professional)	FT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics or 2 u Science (Physics) or 2 u Science (Chemistry) or 2 u Science (Geology) or 2 u Science (Biology) or 4 u Science (multistrand)	51-100 11-100 1-100 31-100 31-100 31-100 31-100 31-100
Science and Mathematics	FT or PT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics Mathematics is the only compulsory subject, but the following subjects if taken require: <b>Biology</b> 2 u Science (Physics) or 2 u Science (Chemistry) or 2 u Science (Geology) or 2 u Science (Biology) or 4 u Science (multistrand) <b>Chemistry</b> 2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 2 u Science (Chemistry) or 4 u Science (multistrand) or 2 u Science (Geology) or 2 u Science (Biology)	51-100 11-100 1-100 31-100 31-100 31-100 31-100 31-100 51-100 51-100 71-100 21-100 1-100 31-100 31-100 31-100 51-100 51-100
Computer Science		2 u Mathematics* or 3 u Mathematics or 4 u Mathematics	71-100 21-100 1-100
Physics		2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 2 u Science (Chemistry) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100 31-100

Course	Full-time or Part-time	HSC Prerequisites for Compulsory First Year Subjects	Percentile Range Required
Science/ Education	FT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 2 u Science (Chemistry) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100 31-100
Social Work	FT	Nil	
Surveying Surveying Science	FT or Sandwich	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 2 u Science (Chemistry) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100 31-100
Textile Technology	FT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100
Town Planning	FT	Nil	
Wool and Pastoral Sciences	FT	2 u Mathematics* or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics) or 2 u Science (Chemistry) or 2 u Science (Geology) or 2 u Science (Biology) or 4 u Science (multistrand)	51-100 11-100 1-100 31-100 31-100 31-100 31-100 31-100

\*This refers to the 2 Unit Mathematics subject which is related to the 3 Unit Mathematics subject. It does not refer to the subject 2 Unit Mathematics (Mathematics in Society).

\*\*This refers to the 2 Unit English subject which is related to the 3 Unit English subject. It does not refer to the subject 2 Unit English (General).

## Supplementary Provision for Matriculation

1. Notwithstanding the provisions of Section A above, candidates may be accepted as 'matriculated students' of the University under the following conditions subject to the approval of the Professorial Board:

(1) Any person who holds a diploma from the New South Wales Department of Technical Education, or any other Technical College which may from time to time be recognized by the University, may be admitted to the University as a 'matriculated student' with such status as the Board may determine, provided that, in the opinion of the Board, the applicant's qualifications are sufficient for matriculation to the Faculty nominated.

(2) The Board may admit as a 'matriculated student' in any Faculty with such status as the Board may determine in the circumstances.

(a) A graduate of any approved university.

(b) An applicant who presents a certificate from a University showing that he/she has a satisfactory record and is qualified for entrance to that university, provided that in the opinion of the Board there is an acceptable correspondence between the qualifying conditions relied upon by the applicant and conditions laid down for matriculation to the nominated Faculty of the University of New South Wales.

(c) A person who has satisfactorily completed the equivalent of at least two whole year subjects as a miscellaneous student at the University.

(3) (a) Any person who, not being a student in the Faculty of Military Studies of the University, completed the first year of a course at the Royal Military College of Australia and submits a certificate from the Registrar of the College to that effect may be admitted as a 'matriculated student' of the University.

(b) Any person who, not being a student in the Faculty of Military Studies of the University completed at least three years of a course of prescribed study at the Royal Military College of Australia and submits a certificate from the Registrar of the College to that effect may be admitted as a 'matriculated student' of the University with such status as the Board may determine.

(4) Any person who has completed satisfactorily the passing out examination of the Royal Australian Naval College and submits a certificate from the Commanding Officer may be admitted as a 'matriculated student' of the University.

(5) (a) Any person who has completed the first year of the course at the Royal Australian Air Force College and submits a certificate from the Commandant to that effect, may be admitted as a 'matriculated student' of the University.

(b) Any person who has completed two years of the course at the Royal Australian Air Force College and submits a certificate from the Commandant to that effect, may be admitted as a 'matriculated student' of the University with such status as the Board may determine.

(6) An applicant who presents a certificate from another university showing that he is qualified for entrance to that university and setting out the grounds of such qualification, provided that in the opinion of the Professorial Board there is an acceptable correspondence between the qualifying conditions relied upon by the applicant and the conditions laid down for matriculation to the nominated Faculty of the University of New South Wales.

2. (1) The Professorial Board may in special cases, including cases concerning persons of other than Australian education, declare any person qualified to enter a Faculty although he has not complied with the requirements set out above, and in so doing may prescribe the completion of certain requirements before confirming the person's standing as a 'matriculated student'. A student who is subsequently admitted to a course of the University, for which any subject so completed forms part, may receive standing for those subjects in accordance with the rules for **Admission with Advanced Standing**.

(2) Persons over the age of twenty-five years may be admitted to matriculation status provided that:

(a) they have satisfactorily completed an approved course of systematic study extending over at least three years after passing the School Certificate Examination, or

(b) they satisfy the Professorial Board that they have reached a standard of education sufficient to enable them profitably to pursue the first year of the proposed course.

(3) Any applicant for matriculation status may be required to take such examination as the Professorial Board may prescribe before such status is granted.

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### **Special Mature Age Unmatriculated Admission Scheme**

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Recognizing that many people of mature age have the ability but have lacked opportunity to carry their formal education as far as they may have wished, the University conducts a special scheme allowing the admission each year of a number of persons aged 25 or over and who have no academic attainments on which matriculation might be based.

The scheme entails attending a meeting in June of the year preceding that in which admission is to be sought at which intending applicants are provided with information about the range, nature and availability of courses offered and are given an opportunity to discuss their plans with staff members and currently enrolled older students. Any person who attends the meeting and is interested in proceeding with an application must then submit by a specified date an application together with an assignment on a stipulated subject.

Those persons whose applications and assignments meet selection criteria are invited to attend a one-day program of lectures and tutorials on a nominated topical subject, and are required to sit for a one-hour examination on the topic at the end of the day. Final selection is made on the grading of this examination and offers of places in courses at the University are made in writing.

Information about the special scheme and the initial meeting dates for applicants seeking a place in 1985 can be obtained by contacting the Admissions Office of the University.

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### **Enrolment as a Miscellaneous Student**

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3. The Professorial Board may at its discretion permit a person, who does not satisfy the requirements for admission, to attend lectures in a subject or subjects at the University, on payment of the prescribed fees provided that such person shall not necessarily have the privileges of 'matriculated students'. A student who satisfactorily completes subjects of the University in this way may subsequently be admitted to matriculation status of the University under 1. (2) (c) above and if, on this basis, is admitted to a course of study in the University, may receive standing for subjects completed.

### **Requirement for Entry in 1985 in terms of the NSW Higher School Certificate Examination**

At the time of publication the requirements for matriculation and admission in 1985 are the same as those for 1984.

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## **Enrolment Procedures and Fees Schedules 1984**

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### **1. Introduction**

All students, except those enrolling in graduate research degree courses (see sections 5. and 6. below), must lodge an authorized enrolment form with the Cashier either on the day the enrolling officer signs the form or on the day any required General Studies electives are approved.

All students, except those enrolling in graduate research degree courses and those exempted as set out in section 17. below, should on that day also either pay the required fees or lodge an enrolment voucher or other appropriate authority.

Such vouchers and authorities are generally issued by the NSW Department of Education and the NSW Public Service. They are not always issued in time and students who expect to receive an enrolment voucher or other appropriate authority but have not done so should pay the student activities fees and arrange a refund later. Such vouchers and authorities are not the responsibility of the University and their late receipt is not to be assumed as automatically exempting a student from the requirements of enrolling and paying fees.

If a student is unable to pay the fees the enrolment form must still be lodged with the Cashier and the student will be issued with a 'nil' receipt. The student is then indebted to the University and must pay the fees by the end of the second week of the session for which enrolment is being effected.

Penalties apply if fees are paid after the time allowed (see section 16. below) unless the student has obtained an extension of time in which to pay fees from the office of the Deputy Registrar (Student Services) (Room 148E, the Chancellery). Such an application must be made before the fee is due. Payment may be made through the mail, in which case it is important that the student registration number be given accurately. Cash should not be sent through the mail.

### **2. New Undergraduate Enrolments**

Persons who are applying for entry in 1984 must lodge an application for selection with the Universities and Colleges Admissions Centre, GPO Box 7049, Sydney 2001, by 1 October 1983.

Those who are selected will be required to complete enrolment at a specified time before the start of Session 1. Compulsory student activities fees should be paid on the day.

In special circumstances, however, and provided class places are still available, students may be allowed to complete enrolment after the prescribed time.

Application forms and details of the application procedures may be obtained from the Student Enquiries Counter, Ground Floor, North Wing of the Chancellery Building.

### 3. Re-enrolment

See also sections 4., 6. and 7. below.

Students who are continuing courses (or returning after approved leave of absence) should enrol through the appropriate school in accordance with the procedures set out in the current *Enrolment Procedures* booklet, available from the Student Enquiries Counter in the Chancellery and from School offices. Those who have completed part of a course and have been absent without leave need to apply for entry through the Universities and Colleges Admissions Centre, GPO Box 7049, Sydney 2001, by 1 October 1983.

### 4. Restrictions Upon Re-enrolling

Students who in 1983 have infringed the rules governing re-enrolment should not attempt to re-enrol in 1984 but should follow the written instructions they will receive from the Registrar.

### 5. New Research Students

Students enrolling for the first time in graduate research degree courses will receive an enrolment form by post. They have two weeks from the date of offer of registration in which to lodge the enrolment form with the Cashier. Completion of enrolment after this time will incur a penalty (see section 16. below).

### 6. Re-enrolling Research Students

Students undertaking purely research degree programs (course codes 0-2999) will be re-enrolled automatically each year and sent an account for any fees due.

### 7. Submission of Project Report

Students registered for formal masters degree programs (course codes 8000-9999) who at the commencement of Session 1 have completed all the work for a degree or diploma except for the submission of the relevant thesis or project report are required to re-enrol by the end of the second week of Session 1. Completion of enrolment after then will incur a penalty (see section 16. below).

Information about possible student activities fees exemption is set out in section 17. (10) below.

### 8. Enrolments by Miscellaneous Students

Enrolments by Miscellaneous students are governed by the following rules:

(1) Enrolment in a particular subject or subjects as a miscellaneous student — ie as a student not proceeding to a degree or diploma — may be permitted provided that in

every case the Head of School offering the subject considers that the student will benefit from the enrolment and provided also that accommodation is available and that the enrolment does not prevent a place in that subject being available to a student proceeding to a degree or diploma.

(2) A student who is under exclusion from any subject in the University may not be permitted to be enrolled as a miscellaneous student in that subject.

(3) A student who is under exclusion from any course in the University may not be permitted to enrol in any subject which forms a compulsory component of the course from which the student is excluded.

(4) A student who is subsequently admitted to a course of the University for which any subjects completed as a miscellaneous student form a part may receive standing for those subjects.

### 9. Final Dates for Completion of Enrolment

No enrolments for courses extending over the whole year or for Session 1 only will be accepted from new students after the end of the second week of Session 1 (16 March 1984) except with the express approval of the Deputy Registrar (Student Services) and the Heads of the Schools concerned; no later year enrolments for courses extending over the whole year or for Session 1 only will be accepted after the end of the fourth week of Session 1 (30 March 1984) except with the express approval of the Deputy Registrar (Student Services) and the Heads of the Schools concerned. No enrolments for courses in Session 2 only will be accepted after the end of the second week of Session 2 (3 August 1984) except with the express approval of the Deputy Registrar (Student Services) and the Heads of the Schools concerned.

### 10. University of New South Wales and University Union Membership Card

All students enrolled in degree or diploma courses or as miscellaneous students, except those exempt from University Union fees under provisions of section 17. below, are issued with a University of New South Wales and University Union Membership Card. This card must be carried during attendance at the University and shown on official request.

The number appearing on the front of the card above the student's name is the student registration number used in the University's records. This number should be quoted in all correspondence.

The card must be presented when borrowing from the University libraries, when applying for travel concessions, and when notifying a change of address. It must also be presented when paying fees on re-enrolment each year when it will be made valid for the year and returned. Failure to present the card could result in inconvenience in completing re-enrolment.

Life members of the University Union and those exempt from payment of University Union fees, if enrolled in degree or diploma courses or miscellaneous students use the University's fees receipt in place of the card when applying for travel concessions and when notifying a change of address. The University Library issues a library borrowing card on production of the fees receipt.

A student who loses a card must notify the University Union as soon as possible.

New students are issued with cards on enrolment if eligible.

New graduate students should complete an application for a card when they enrol unless they already possess one from previous study at the University. The card can be collected from the second floor of the University Union Blockhouse approximately three weeks after enrolment. The fees receipt may be used as necessary until the card is available.

## 11. Payment of Fees

The fees and charges which are payable include those charges raised to finance the expenses incurred in operating activities such as the University Union, the Students' Union, the Sports Association, and the Physical Education and Recreation Centre. Penalty payments are also incurred if a student fails to complete procedures as required. Charges may also be payable, sometimes in the form of a deposit, for the hiring of kits of equipment in certain subjects. Accommodation charges, costs of subsistence on excursions, field work, etc., and for hospital residence (medical students) are payable in appropriate circumstances.

## 12. Assisted Students

Scholarship holders and sponsored students who have not received an enrolment voucher or appropriate letter of authority from their sponsor at the time when they are enrolling should complete their enrolment by paying their own fees.

A refund of fees will be made when the enrolment voucher or letter of authority is subsequently lodged with the Cashier.

Those unable to pay their own fees in these circumstances can apply to the office of the Deputy Registrar (Student Services) (Room 148E, the Chancellery) for an extension of time in which to pay. Such an application must be made before the fees are due.

## 13. Extension of Time

Students who are unable to pay fees by the due date may apply to the office of the Deputy Registrar (Student Services) (Room 148E, the Chancellery) for an extension of time, which may be granted in extenuating circumstances. Such applications must be made before the due date.

## 14. Failure to Pay Fees and Other Debts

Students who fail to pay prescribed fees or charges or are otherwise indebted to the University and who fail either to make a satisfactory settlement of indebtedness upon receipt of due notice or to receive a special exemption ceases to be entitled to the use of University facilities. Such students are not permitted to register for a further session, to attend classes or examinations, or to be granted any official credentials. In the case of students enrolled for Session 1 only or for both Sessions 1 and 2 this disbarment applies if any portion of fees is outstanding after the end of the eighth week of Session 1 (27 April 1984). In the case of students enrolled for Session 2 only this disbarment applies if any portion of fees

is outstanding after the end of the sixth week of Session 2 (31 August 1984).

In special cases the Registrar may grant exemption from the disqualification referred to in the preceding paragraph upon receipt of a written statement setting out all relevant circumstances.

## 15. Fees

Fees and penalties quoted are current at the time of publication but may be amended by the University without notice.

### University Union Entrance Fee

Payable on first enrolment	\$35
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Students enrolling for only one session must pay the full University Union entrance fee.

### Student Activities Fees

All students (with the exceptions set out in section 17. below) are required to pay the following fees if enrolling for a program involving two sessions. Those enrolling for only one session will pay the full University Union Entrance Fee, if applicable, and one-half of any other fees due.

Students who consider themselves eligible for life membership of the University Union, the Sports Association, or the Students' Union, should make enquiries about the matter at the offices of those bodies.

Students often seek exemption from some or all of the student activities fees for reasons other than those set out in section 17. below. It is stressed that the fees charged are a contribution by students towards services and amenities for the University community (both now and in the future) and exemption from them cannot be claimed because a student is unable or unwilling to make use of some of those services or amenities.

Student Activities Fees are adjusted annually by a system of indexation and those set out below are current in 1983 and are therefore subject to an increase in 1984.

University Union annual subscription	\$101
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Sports Association annual subscription	\$21
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### Students' Union Annual Subscription

Students enrolling in full-time courses	\$30
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Students enrolling in part-time courses or as miscellaneous students	\$25
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Miscellaneous Fund annual fee	\$35
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This fee is used to finance expenses generally of a capital nature relating to student activities and amenities. Funds are allocated for projects recommended by the Student Affairs Committee and approved by the University Council.

### Special Examination Fees

Examinations conducted in special circumstances for each subject	\$20
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Review of examination results for each subject	\$20
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## Other Charges

In addition to the fees outlined above and depending on the subject being taken, students may be required to make a payment for equipment; money so paid is, in general, refunded if the equipment is returned in satisfactory condition.

## 16. Penalties

(1) Failure to lodge enrolment form according to enrolment procedure	\$20
(2) Payment of fees after end of second week of session	\$20
(3) Payment of fees after end of fourth week of session	\$40

Penalties (1) and (2) or (1) and (3) may accumulate.

## 17. Exemptions — fees

Students often seek exemption from the fees for reasons other than those set out below. It is stressed that the fees charged are a contribution by students towards services and amenities for the University community (both now and in the future) and exemption from them cannot be claimed because a student is unable or unwilling to make use of some of those services or amenities.

(1) Life members of the University Union, the Sports Association, and Students' Union are exempt from the relevant fee or fees.

Students who consider themselves eligible for life membership of the University Union, the Sports Association, or the Students' Union, should make enquiries about the matter at the offices of those bodies, not at the office of the Deputy Registrar (Student Services) or at the Cashier's office.

(2) Students enrolled in courses classified as *External* are exempt from all Student Activities Fees and the University Union Entrance Fee.

(3) Students enrolled in courses at the W. S. and L. B. Robinson University College and in the Faculty of Military Studies are exempt from the Student Activities Fees and the University Union Entrance Fee in section 15. above but shall pay such other fees and charges as the Council may from time to time determine.

(4) University Union fees and subscriptions may be waived by the Deputy Registrar (Student Services) for students enrolled in graduate courses in which the formal academic requirements are undertaken at a part of the University away from the Kensington campus.

(5) Students who while enrolled at and attending another university (or other tertiary institution as approved by the Vice-Chancellor) in a degree or diploma course are given approval to enrol at the University of New South Wales but only as miscellaneous students for subjects to be credited towards the degrees or diplomas for which they are enrolled elsewhere are exempt from all Student Activities Fees and the University Union Entrance Fee.

Institutions approved are: Australian Film and Television School, New South Wales Institute of Technology, Sydney

College of Advanced Education and Sydney College of Chiropractic.

(6) Undergraduate students of a recognized university outside Australia who attend the University of New South Wales with the permission of the dean of the appropriate faculty and of the head of the appropriate school or department to take part as miscellaneous students in an academic program relevant to their regular studies and approved by the authorities of their own institution are exempt from all Student Activities Fees and the University Union Entrance Fee.

(7) Graduate students not in attendance at the University and who are enrolling in a project only other than for the first time, are exempt from all Student Activities Fees.

(8) Graduate students resubmitting a thesis or project only are exempt from all Student Activities Fees.

(9) All Student Activities Fees, for one or more sessions, may be waived by the Deputy Registrar (Student Services) for students who are given formal permission to pursue their studies at another institution for one or more sessions.

(10) Graduate students who have completed all the work for a qualification at the commencement of session, except for the submission of the relevant thesis or project report, may be exempted from the payment of Student Activities Fees by the Deputy Registrar (Student Services) on production of an appropriate statement signed by the relevant Supervisor or Head of School.

(11) Students enrolled in a session or sessions devoted entirely to training or experience away from the campus and its associated laboratories, hospitals, centres, institutes, and field stations are exempt from all Student Activities Fees for that session or sessions.

(12) Students whose registration is cancelled or suspended by the University shall receive refunds of fees paid in accordance with the provisions of section 18. (5) below except that a refund of one half of the fees shall be made if such cancellation or suspension takes place between the end of the fourth week of Session 1 and the end of the fourth week of Session 2.

## 18. Variations in Enrolment (including Withdrawal)

(1) Students wishing to vary an enrolment program must make application on the form available from the appropriate Course Authority.

(2) Students withdrawing from courses (and see also information about withdrawal from subjects below) are required to notify the Registrar in writing. In some cases such students will be entitled to fee refunds (see below).

(3) Enrolment in additional subjects

Applications for enrolment in additional subjects must be submitted by:

30 March 1984 for Session 1 only and whole year subjects;  
17 August 1984 for Session 2 only subjects.

#### (4) Withdrawal from subjects

Applications to withdraw from subjects may be submitted throughout the year but applications lodged after the following dates will result in students being regarded as having failed the subjects concerned, except in special circumstances:

(a) for one session subjects, the end of the seventh week of that session (20 April or 7 September)

(b) for whole year subjects, the end of the second week of Session 2 (3 August).

#### (5) Withdrawal from Course – Refunds – Student Activities Fees

Whether or not a student's withdrawal entails academic penalties (covered in item (4) above) there are rules governing Student Activities Fees refunds in the case of complete withdrawal from a course as follows:

(a) If notice of withdrawal from a course is received by the Student Records and Scholarships Office before the first day of Session 1, a refund of all Student Activities Fees paid will be made.

(b) If notice of withdrawal is received on or after the first day of Session 1, a partial refund of the University Union Entrance Fee will be made on the following basis: any person who has paid the entrance fee in any year and who withdraws from membership of the University Union after the commencement of Session 1 in the same year, or who does not renew membership in the immediately succeeding year may on written application to the Warden receive a refund of half the entrance fee paid.

(c) If the notice of withdrawal is given before the end of the fourth week of Session 1 (30 March 1984) a full refund of Student Activities Fees paid will be made; if notice is given before the end of the seventh week of Session 1 (20 April 1984) a refund of three-quarters of the Student Activities Fees paid will be made; if notice is given before the beginning of Session 2 (23 July 1984) a refund of one-half of the Student Activities Fees paid will be made; if notice is given before the end of the seventh week of Session 2 (7 September 1984) a refund of one-quarter of Student Activities Fees paid will be made; thereafter no refund will be made except that provided for in (d) below.

(d) If a student's enrolment in any year is for one session only and the student gives notice of withdrawal prior to the end of the fourth week of that session (30 March or 17 August 1984) a full refund of Student Activities Fees paid will be made; if notice is given before the end of the seventh week of that session (20 April or 7 September 1984) a refund of one-half of the Student Activities Fees paid will be made; thereafter no refund will be made.

(e) The refunds mentioned in (c) and (d) above may be granted by the Deputy Registrar (Student Services) to a student unable to notify the Student Records and Scholarships Office in writing by the times required provided evidence is supplied that the student has ceased attendance by those times.

#### (6) Acknowledgements

The Student Records and Scholarships Office will acknowledge each application for a variation in enrolment (including withdrawals from subjects) as follows:

(a) variations lodged before the Friday of the seventh week of each session (20 April or 7 September) will be incorporated in the *Confirmation of Enrolment Program* notice forwarded to students on 30 April or 20 September as appropriate

(b) variations lodged after those dates will be acknowledged by letter

(c) withdrawals from a course are acknowledged individually whenever they are lodged.

(7) It is emphasized that failure to attend for any assessment procedure, or to lodge any material stipulated as part of an assessment procedure, in any subject in which a student is enrolled will be regarded as failure in that assessment procedure unless written approval to withdraw from the subject without failure has been obtained from the Student Records and Scholarships Office.

### 19. Exemption – Membership

The Registrar is empowered to grant exemption from membership of any or all of the University Union, the Students' Union and the Sports Association to students who have a genuine conscientious objection to such membership, subject to payment of the prescribed fees to the Miscellaneous Fund.

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### Leave of Absence

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Leave of absence from an undergraduate course of study may be granted to students other than those in the first year of a course. Leave of absence has generally been restricted to one year but in special circumstances two years have been granted.

To apply for such leave of absence, a letter should be submitted to the Registrar immediately following the release of annual examination results and must include the student's full name, registration number, the course and stage in which enrolled in the previous year and, most important, the reason *why* leave is being sought. The letter advising the result of the application will provide details about how to re-enrol.

Students who withdraw from the first year of their course *are not* granted leave of absence and must again apply for a place through the Universities and Colleges Admissions Centre.

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### Course Transfers

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*Students wishing to transfer from one course to another must complete and submit an application form, obtainable from the office of the Admissions Section, the Chancellery, by Friday 13 January 1984.*

Students whose applications to transfer are successful, and who are *transferring from one school to another* are required to comply with the enrolment procedure laid down for new students with advanced standing. *Students transferring from one course to another within the same school* are required to attend the appropriate enrolment session for the course to which they have approval to transfer.

Students must present the approval to transfer to the enrolling officer, and those who have not received advice regarding their application to transfer before the date on which they are required to enrol should check with the office of the Admissions Section.

Students should also advise the enrolling officer in the school in which they were enrolled in 1983 of their intention to transfer.

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## Admission with Advanced Standing

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Any persons who make application to register as a candidate for any degree or other award granted by the University may be admitted to the course of study leading to such degree or award with such standing on the basis of previous attainments as may be determined by the Professorial Board provided that:

1. the Board shall not grant such standing under these rules as is inconsistent with the rules governing progression to such degree or award as are operative at the time the application is determined;
2. where students transfer from another university such students shall not in general be granted standing in this University which is superior to what they have in the University from which they transfer;
3. the standing granted by the Board in the case of any application based on any degree/s or other awards already held by the applicants, shall not be such as will permit them to qualify for the degree or award for which they seek to register without completing the courses of instruction and passing the examinations in at least those subjects comprising the later half of the course, save that where such a program of studies would involve them repeating courses of instruction in which the Board deems them to have already qualified, the Board may prescribe an alternative program of studies in lieu thereof;
4. the standing granted by the Board in the case of any application based on partial completion of the requirements for any degree or other award of another institution shall not be such as will permit the applicants to qualify for the degree or award for which they seek to register by satisfactory completion of a program of study deemed by the Board to be less than that required of students in full-time attendance in the final year of the course in which the applicants seek to register;
5. the standing granted by the Board in the case of any application based on the partial completion of the requirements for any degree or other award of the University may be such as to give full credit in the course to which the

applicants seek to transfer for work done in the course from which they transfer.

Where the identity between the requirements for any award of the University already held and that of any other award of the University is such that the requirements outstanding for the second award are less than half the requirements of that award, students who merely complete such outstanding requirements shall not thereby be entitled to receive the second award but shall be entitled to receive a statement over the hand of the Registrar in appropriate terms.

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## Resumption of Courses

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Students who have had a leave of absence for twelve months and wish to resume their course should follow the instructions about re-enrolling given in the letter granting leave of absence. If these instructions are not fully understood or have been lost, students should contact the office of the Admissions Section before November in the year preceding the one in which they wish to resume their course.

If students have not obtained leave of absence from their course and have not been enrolled in the course over the past twelve months or more, they should apply for admission to the course through the Universities and Colleges Admissions Centre before 1 October in the year preceding that in which they wish to resume studies.

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## Examinations

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Examinations are held in June/July and in November/December.

Provisional timetables indicating the dates and times of examinations are posted on the University noticeboards.

Students must advise the Examinations Section (the Chancellor) of any clash in examinations. Final timetables indicating the dates, times, locations, and authorized aids are available for students two weeks before the end of each session.

Misreading of the timetable is not an acceptable excuse for failure to attend any examination.

## Assessment of Course Progress

In the assessment of a student's progress in a course, consideration may be given to work in laboratory and class exercises and to any term or other tests given throughout the year as well as to the results of written examinations.

## Examination Results

### Grading of Passes

Passes are graded as follows:

<i>High Distinction</i>	an outstanding performance
<i>Distinction</i>	a superior performance
<i>Credit</i>	a good performance
<i>Pass</i>	an acceptable level of performance
<i>Satisfactory</i>	satisfactory completion of a subject for which graded passes are not available

### Pass Conceded

A pass conceded may be granted provided that the overall performance is considered to warrant such a concession. A pass conceded in a subject will allow progression to another subject for which the former subject is a prerequisite.

### Pass Terminating

A pass terminating may be granted provided that the overall performance is considered to warrant such a concession. A pass terminating does not allow progression to another subject for which the former subject is a prerequisite.

### Availability of Results

Final examination results will be posted to a student's term address, or vacation address if requested. Forms requesting that results be posted to a vacation address are included in the examination timetable (November/December only) and change of address forms are obtainable at the Student Enquiry Counter, the Chancellery. Forms can be accepted up to Friday 1 July for Session 1 results and Friday 2 December for Session 2 and whole year results. Results are also posted on School noticeboards and in the University Library. Results on noticeboards are listed by *Student Registration Number*.

*No examination results are given by telephone.*

### Review of Results

A student may make application to the Registrar for the review of a result. The application form, accompanied by an appropriate fee, must be submitted not later than fifteen working days after the date of issue of the *Notification of Result of Assessment* form.

In reviewing a result, the subject authorities shall ensure that all components of the assessment have been assessed and a mark assigned.

A review of a result is not a detailed reassessment of a student's standard of knowledge and understanding of, and skills in, the subject. It is rather a search for arithmetic error in arriving at the composite mark and for gross and obvious error in assignment of marks in components of the final composite mark.

When a change in grade is recommended, the application fee will be refunded by the Registrar.

### Special Consideration

Students who believe that their performance in a subject, either during session or in an examination, has been adversely affected by sickness or any other reason should

inform the Registrar and ask for special consideration in the determination of their standing.

Such requests should be made as soon as practicable after the occurrence. Applications made more than seven days after the final examination in a subject will only be considered in exceptional circumstances.

When submitting a request for special consideration students should provide all possible supporting evidence (eg medical certificates) together with their registration number and enrolment details.

### Physical Disabilities

Students suffering from a physical disability which puts them at a disadvantage in written examinations should advise Student Records (Ground Floor, the Chancellery) immediately their disability is known. If necessary, special arrangements will be made to meet the student's requirements.

Students who are permanently disabled and need the Examinations Section to make special arrangements for their examinations, should contact Student Records as soon as the final timetable becomes available.

### Use of Electronic Calculators

Where the use of electronic calculators has been approved by a faculty or school, examiners may permit their use in examinations. Authorized electronic calculators are battery operated with the minimum operations of addition, subtraction, multiplication and division and are of a type in common use by university students. They are not provided by the University, although some schools may make them available in special circumstances.

### Examinations Held Away from the Campus

Except in the case of students enrolled on external courses, examinations will not be permitted away from the campus unless the candidate is engaged on *compulsory industrial training*. Candidates must advise the Officer-in-charge, Examinations Section, immediately the details of the industrial training are known. Special forms for this purpose are available at the Student Enquiry Counter in the north wing of the Chancellery.

### Arrival at Examinations

Examination Rooms will be open to students twenty-five minutes before the commencement of the examination. Candidates are requested to be in their places at least fifteen minutes before the commencement to hear announcements. The examination paper will be available for reading ten minutes before commencement.

### Use of Linguistic Dictionaries

The answers in all examinations and in all work submitted must be in English unless otherwise directed. Students may apply for permission to use standard linguistic dictionaries in the presentation of written work for assessment. Such applications should be made in writing to the Examinations Section not later than 14 days prior to the need to use the linguistic dictionary.

## Academic Misconduct

Students are reminded that the University regards academic misconduct as a very serious matter. Students found guilty of academic misconduct are usually excluded from the University for two years. Because of the circumstances in individual cases the period of exclusion can range from one session to permanent exclusion from the University.

The following are some of the actions which have resulted in students being found guilty of academic misconduct in recent years: use of unauthorized aids in an examination; submitting work for assessment knowing it to be the work of another person; improperly obtaining prior knowledge of an examination paper and using that knowledge in the examination; failing to acknowledge the source of material in an assignment.

## Conduct of Examinations

Examinations are conducted in accordance with the following rules and procedure:

1. Candidates are required to obey any instruction given by an examination supervisor for the proper conduct of the examination.
2. Candidates are required to be in their places in the examination room not less than fifteen minutes before the time for commencement.
3. No bag, writing paper, blotting paper, manuscript or book, other than a specified aid, is to be brought into the examination room.
4. Candidates shall not be admitted to an examination after thirty minutes from the time of commencement of the examination.
5. Candidates shall not be permitted to leave the examination room before the expiry of thirty minutes from the time the examination commences.
6. Candidates shall not be re-admitted to the examination room after they have left it unless, during the full period of their absence, they have been under approved supervision.
7. Candidates shall not by any improper means obtain, or endeavour to obtain, assistance in their work, give, or endeavour to give, assistance to any other candidate, or commit any breach of good order.
8. All answers must be in English unless otherwise stated. Foreign students who have the written approval of the Registrar may use standard linguistic dictionaries.
9. Smoking is not permitted during the course of examinations.
10. A candidate who commits any infringement of the rules governing examinations is liable to disqualification at the particular examination, to immediate expulsion from the examination room and to such further penalty as may be determined in accordance with the By-Laws.

## Acknowledgement of Sources

Students are expected to acknowledge the source of ideas and expressions used in submitted work. To provide adequate documentation is not only an indication of academic honesty but also a courtesy enabling the marker to consult sources with ease. Failure to do so may constitute plagiarism, which is subject to a charge of academic misconduct.

## Further Assessment

In special circumstances further assessment including assessment or further assessment on medical or compassionate grounds may be granted.

Further assessment may be given by the subject authority at his or her discretion at any time prior to the meeting of the relevant faculty assessment committee (normally the fourth week of the Midyear Recess and the second week of December). Further assessment may also be awarded at the faculty assessment committee and students affected may need to be free to undertake that further assessment in the last week in the Midyear Recess and in the period up to the end of the second week in January; students should consult their subject authority for details of further assessment immediately their results are known.

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## Restrictions upon Student Re-enrolling

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The University Council has adopted the following rules governing re-enrolment with the object of requiring students with a record of failure to show cause why they should be allowed to re-enrol and retain valuable class places.

### First Year Rule

1. Students enrolled in the first year of any undergraduate course of study in the University shall be required to show cause why they should be allowed to continue the course if they do not pass the minimum number of subjects, units or credits prescribed for this purpose by the relevant faculty or board of studies.

The prescribed minimum for each undergraduate course may be found in **Schedule A** below; the schedule may be varied from time to time by the Professorial Board.

### Repeated Failure Rule

2. Students shall be required to show why they should be allowed to repeat a subject which they have failed more than once. Where the subject is prescribed as part of the course they shall also be required to show cause why they should be allowed to continue that course.

### General Rule

3. (1) Students shall be required to show cause why they should be allowed to repeat a subject they have failed if the assessment committee of the faculty or board of studies so decides on the basis of previous failures in that subject or in a related subject. Where the subject is prescribed as part of the course they shall also be required to show cause why they should be allowed to continue their course.

(2) Students shall be required to show cause why they should be allowed to continue their course if the assessment committee of the faculty or board of studies so decides on the basis of their academic record.

### The Session-Unit System

**4.** (1) Students who infringe the provisions of Rules **1.** or **2.** at the end of Session 1 of any year will be allowed to repeat the subject(s) (if offered) and/or continue the course in Session 2 of that year, subject to the rules of progression in the course.

(2) Such students will be required to *show cause* at the end of the year, except that students who infringe Rule **2.** at the end of Session 1, and repeat the subjects in question in Session 2, and pass them, will not be required to *show cause* on account of any such subjects.

### Exemption from Rules by Faculties

**5.** (1) A faculty or board of studies examinations committee may, in special circumstances, exempt students from some or all of the provisions of Rules **1.** and **2.**

(2) Such students will not be required to *show cause* under such provisions and will be notified accordingly by the Registrar.

### Showing Cause

**6.** (1) Students wishing to *show cause* must apply for special permission to re-enrol. Application should be made on the form available from the Registrar and must be lodged with the Registrar by the dates published annually by the Registrar. A late application may be accepted at the discretion of the University.

(2) Each application shall be considered by the Admissions and Re-enrolment Committee of the relevant faculty or board of studies which shall determine whether the cause shown is adequate to justify the granting of permission to re-enrol.

### Appeal

**7.** (1) Students who are excluded by the Admissions and Re-enrolment Committee from a course and/or subject under the provisions of the Rules will have their applications to re-enrol reconsidered automatically by the Re-enrolment Committee of the Professorial Board.

(2) Students whose exclusion is upheld by the Re-enrolment Committee may appeal to an Appeal Committee constituted by Council for this purpose with the following membership:

A Pro-Vice-Chancellor, nominated by the Vice-Chancellor who shall be Chairman.

The Chairman of the Professsional Board, or if its chairman is unable to serve, a member of the Professorial Board, nominated by the Chairman of the Professorial Board, or when the Chairman of the Professorial Board is unable to make a nomination, nominated by the Vice-Chairman.

One of the category of members of the Council elected by the graduates of the University, nominated by the Vice-Chancellor.

The decision of the Committee shall be final.

(3) The notification to students of a decision which has been upheld by the Re-enrolment Committee of the Professorial Board to excude them from re-enrolling in a course and/or subject shall indicate that they may appeal against that decision to the Appeal Committee. The appeal must be lodged with the Registrar within fourteen days of the date of notification of exclusion; in special circumstances a late appeal may be accepted at the discretion of the chairman of the Appeal Committee. In lodging such an appeal with the Registrar students should provide a complete statement of all grounds on which the appeal is based.

(4) The Appeal Committee shall determine appeals after consideration of each appellant's academic record, application for special permission to re-enrol, and stated grounds of appeal. In particular circumstances, the Appeal Committee may require students to appear in person.

### Exclusion

**8.** (1) Students who are required to *show cause* under the provisions of Rules **1.** or **3.** and either do not attempt to *show cause* or do not receive special permission to re-enrol from the Admissions and Re-enrolment Committee (or the Re-enrolment Committee on appeal) shall be excluded, for a period not in excess of two years, from re-enrolling in the subjects and courses on account of which they were required to *show cause*. Where the subjects failed are prescribed as part of any other course (or courses) they shall not be allowed to enrol in any such course.

(2) Students required to *show cause* under the provisions of Rule **2.** who either do not attempt to *show cause* or do not receive special permission to re-enrol from the Admissions and Re-enrolment Committee (or the Re-enrolment Committee on appeal) shall be excluded, for a period not in excess of two years, from re-enrolling in any subject they have failed twice. Where the subjects failed are prescribed as part of a course they shall also be excluded from that course. Where the subjects failed are prescribed as part of any other course (or courses) they shall not be allowed to enrol in any such course.

### Re-admission after Exclusion

**9.** (1) Excluded students may apply for re-admission after the period of exclusion has expired.

(2) (a) Applications for re-admission to a course should be made to the Universities and Colleges Admissions Centre before the closing date for normal applications in the year prior to that in which re-admission is sought. Such applications will be considered by the Admissions and Re-enrolment Committee of the relevant faculty or board of studies.

(b) Applications for re-admission to a subject should be made to the Registrar before 30 November in the year prior to that in which re-admission is sought. Such applications will be considered by the relevant subject authority.

(3) Applications should include evidence that the circumstances which were deemed to operate against satisfactory performance at the time of exclusion are no longer operative or are reduced in intensity and/or evidence of action taken (including enrolment in course/s) to improve capacity to resume studies.

(4) Students whose applications for re-admission to a course or subject are unsuccessful (see 9. (2) (a), (b) respectively) will be invited to appeal to the Re-Enrolment Committee of the Professorial Board. The decision of the Re-Enrolment Committee will be final.

**10.** Students who fail a subject at the examinations in any year or session and re-enrol in the same course in the following year or session must include in their programs of studies for that year or session the subject which they failed. This requirement will not be applicable if the subject is not offered the following year or session, is not a compulsory component of a particular course, or if there is some other cause which is acceptable to the Professorial Board for not immediately repeating the failed subject.

### Restrictions and Definitions

**11.** (1) These rules do not apply to students enrolled in programs leading to a higher degree or graduate diploma.

(2) A subject is defined as a unit of instruction identified by a distinctive subject number.

## Schedule A

(See First Year Rule 1. above)

Where the minimum requirement is half the program, this is defined as half the sum of the unit values of all the subjects in the program where the unit value for each subject in a course is defined as follows:

Faculty/Board of Studies	Minimum Requirement	Course	Unit Values (UV)
Applied Science	Half the program	3000-3220 4190-4220	One-session subjects: UV 1 Two-session subjects: UV 2
Architecture	Half the program	3270, 3330  3320, 3360, 3380	Elective subjects: UV 0 All other subjects: appropriate UV corresponding to credit points* All subjects: UV equal to the allocated hours* Elective subjects: UV 0 All other subjects: UV equal to the allocated hours*
Arts	18 first-level credit points	3400, 3420	

\*For details see the appropriate Faculty Handbook.

Faculty/Board of Studies	Minimum Requirement	Course	Unit Values (UV)
Biological Sciences		3430	Science subjects: appropriate UV* Arts subjects: ● 6 credit points = UV 1 ● 12 credit points = UV 2
Commerce	Three subjects  Two subjects	3490-3595 FT in both sessions 3490-3595 PT in either session	
Engineering	Half the program including Physics I or Mathematics I  Half the program including Mechanics of Solids or Mathematics I  Half the program including Physics I or Mathematics I  Half the program	3610, 3660, 3680, 3700 3620, 3730 3640, 3720 3740-3760	5.061: UV 0 One-session subjects: UV 1 Two-session subjects: UV 2 All subjects: UV equal to the allocated hours* One-session subjects: UV 1 Two-session subjects: UV 2 One-session subjects: UV 1 Two-session subjects: UV 2
Law	Half the program	4710-4790	One-session subjects: UV 1 Two-session subjects: UV 2
Medicine	Half the program	3800	80.010: UV 3 81.001: UV 3 81.002: UV 6 70.001: UV 4 General Studies: UV 1
Military Studies	Half the program	BA, BSc  BE	All subjects: UV 1 All subjects: appropriate weighted mark*
Professional Studies	Half the program	4030, 4040 4070-4080	All subjects: UV 1 All subjects: appropriate UV* One General Studies elective: UV 1
Science	Half the program	3910, 3950	All subjects: appropriate UV*

\*For details see the appropriate Faculty Handbook.

Faculty/Board of Studies	Minimum Requirement	Course	Unit Values (UV)
Science and Mathematics	2 units	3970	General Studies: UV 1 All subjects: appropriate UV* One General Studies elective: UV 1

## Admission to Degree or Diploma

Students whose current program will enable them to complete all requirements for the degree or diploma, including industrial training where necessary, should lodge with the Registrar the form *Application for Admission to Degree/Diploma* and return it to the Registrar by the second Monday in May for the October ceremonies, and the first Tuesday in October for all other ceremonies. The forms are available from the Student Enquiry Counter in the north wing of the Chancellery.

Students who have indicated on their enrolment form that they are potential graduands are forwarded an application form with their Enrolment Details form in September (or, in the case of students who expect to satisfy requirements at the end of Session 1, with the form issued in April). Students who do not complete an application form will not graduate; students who do not return their application form by the due date will graduate at a later series of ceremonies.

Students enrolled in courses 3400, 3910 and 3970 who have completed an application form to graduate at the pass level and who then decide to proceed to an honours year should advise the Registrar, in writing before 1 September for those completing requirements at the end of Session 1, or before 28 February for those completing requirements at the end of Session 2.

A list of graduands in Medicine who have applied for their degree is published in *The Sydney Morning Herald* in December.

A list of graduands other than Medicine who have applied for their degree/diploma and who expect to graduate in October is published in *The Sydney Morning Herald* on the second Wednesday in September.

A list of graduands other than Medicine who have applied for their degree/diploma and who expect to graduate in April/May the following year is published in *The Sydney Morning Herald* on the second Wednesday in March.

Students who are potential graduands and who wish to notify the Registrar of a change of address should submit an addition form *Final Year Students' Graduation: Change of Address*.

\*For details see the appropriate Faculty Handbook.

## Attendance at Classes

Students are expected to be regular and punctual in attendance at all classes in the subjects in which they are enrolled. All applications for exemption from attendance at classes of any kind must be made in writing to the Registrar.

In the case of illness or of absence for some other unavoidable cause students may be excused by the Registrar for non-attendance at classes for a period of not more than one month or, on the recommendation of the Dean of the appropriate faculty, for a longer period.

### Absence from Classes

Explanations of absences from classes, or requests for permission to be absent from forthcoming classes, should be addressed to the Registrar and, where applicable, should be accompanied by a medical certificate. If examinations or other forms of assessment have been missed, this should be stated in the application.

If students attend less than eighty per cent of their possible classes they may be refused final assessment.

## Student Records

*Confirmation of Enrolment Program* notices are sent to all students on 30 April and 24 September. It is not necessary to return these forms unless any of the information recorded is incorrect. If amendments need to be made, students should contact the appropriate course office.

## Release of Information to Third Parties

The University treats results of assessment and information it receives from a student as confidential and will not reveal such information to third parties without the permission of the student except at the discretion of senior officers in circumstances considered of benefit to the student and when it is either impossible or impracticable to gain the student's prior permission. This happens rarely. This policy is considered so important that it often involves officers of the University in very difficult situations, for example, when they must refuse to reveal the address of a student to parents or other relatives.

In spite of the policy, all students should be aware that students' addresses are eagerly sought by various commercial agents and that subterfuges of various kinds can be used to obtain them. From time to time, for example, people claiming to be from the University telephone students or their families and ask for information (usually another student's address) which is often given, unsuspectingly. There is evidence that this is a technique used by some commercial agents.

It would be generally helpful if students (and their families and friends) are cautious in revealing information, making it a practice to ask the name, position, and telephone extension of any caller claiming to be from the University and, if suspicious, returning the call to the extension given.

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## Change of Address

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The Student Records and Scholarships Office of the Registrar's Division should be notified as soon as possible of any change of address. Failure to do this could lead to important correspondence (including results of assessment) going astray. The University cannot accept responsibility if official communications fail to reach students who have not given notice of their change of address. *Change of Address Advice* forms are available at Faculty and School offices and from the Student Enquiry Counter in the north wing of the Chancellery.

All communications from the University will be sent to the Session or Term address except when arrangements are made otherwise in the case of results of assessment (see **Examinations: Availability of Results**, earlier in this section). *Change of Address Advice* forms will be accepted up to Friday 25 November, except for final-year students wishing to change their *Application for Admission for Degree/Diploma* form. Changes to this form will be accepted up to a date four weeks before the student's graduation ceremony.

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## Ownership of Students' Work

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The University reserves the right to retain at its own discretion the original or one copy of any drawings, models, designs, plans and specifications, essays, theses or other work executed by students as part of their courses, or submitted for any award or competition conducted by the University.

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## Notices

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Official University notices are displayed on the noticeboards and students are expected to be acquainted with the notices which concern them. These boards are in the Biological Sciences Building, the Mathews Building, the Chancellery (lower ground floor), Central Lecture Block, Dalton Building (Chemistry), Main Building (Physics and Mining) and in the Western Grounds Area.

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## Parking within the University Grounds

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A limited amount of parking is available on campus. Copies of the University's parking rules may be obtained on application to Room 240, the Chancellery.

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## Academic Dress

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Information about the University's academic dress requirements may be obtained from the Alumni and Ceremonials Section, Room 148E, the Chancellery (phone extension 2998).

## Undergraduate and Graduate

# Disciplines of the University

The range of disciplines offered by the University is indicated in the tables below, the first arranged in order of faculties and the second in alphabetical order of disciplines.

For details of the disciplines within each faculty consult the relevant faculty handbook.

A summary description of each discipline follows.

## Table of Courses (by faculty)

### Undergraduate Study

#### Full-time

Course	Course Code	Degree	Duration in Years	
			Pass	Honours

#### Faculty of Applied Science

Applied Geography	3010	BSc	4	4
Applied Geology	3000	BSc	4	4
Ceramic Engineering	3025	BE	4	4
Chemical Engineering	3040	BE	4	4
Food Technology	3060	BSc	4	4

Course	Course Code	Degree	Duration in Years	
			Pass	Honours

#### Faculty of Applied Science (continued)

Industrial Chemistry	3100	BSc	4	4
Metallurgical Process Engineering	3180	BE	4	4
Metallurgy	3120	BSc	4	4
Mining Engineering	3140	BE	4	4
Textile Technology	3170	BSc	4	4
Wool and Pastoral Sciences	3220	BSc	4	4

#### Faculty of Architecture

Architecture	3270/3280	BArch	5	5
Architecture	3270/3295	BSc (DesStud)	3	4
Architecture (old Course)	3300	BArch	6	6
Building <sup>1</sup>	3330	BBuild	4	4
Industrial Arts <sup>2</sup>	3310	BSc	4	—
Industrial Arts <sup>2</sup>	3320	BSc (Ind Arts) DipEd	4	5
Landscape Architecture	3380	BLArch	4	4
Town Planning	3360	BTP	5	5

**Full-time (continued)**

Course	Course Code	Degree	Duration in Years	
			Pass	Honours

**Faculty of Arts**

Arts	3400	BA	3	4
Arts/Education	3410	BA DipEd	4	5
Social Science	3420	BSocSc	4	4

**Faculty of Biological Sciences**

Psychology	3430	BSc	4	4
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**Faculty of Commerce**

Accounting	3505	BCom	3	4
Accounting, Finance and Systems <sup>2</sup>	3510	BCom	3	4
Accounting and Information Systems	3512	BCom	3	4
Economic History	3590	BCom	3	4
Economic History <sup>2</sup>	3595	BCom DipEd	4	—
Economics	3530	BCom	3	4
Economics <sup>3</sup>	3535	BCom DipEd	4	—
Econometrics	3560	BCom	3	4
Economics/ Econometrics	3580	BCom	—	4
Economics/ Econometrics	3585	BCom	3	4
Econometrics/ Finance	3545	BCom	3	—
Econometrics/ Industrial Relations	3555	BCom	3	4
Finance	3511	BCom	3	4
Industrial Relations	3550	BCom	3	4
Information Systems	3513	BCom	3	4
Marketing	3490	BCom	3	4

**Faculty of Engineering**

Aeronautical Engineering	3610	BE	4	4
Civil Engineering	3620	BE	4	4
Electrical Engineering	3640	BE	4	4
Industrial Engineering	3660	BE	4	4
Mechanical Engineering	3680	BE	4	4
Naval Architecture	3700	BE	4	4

Course	Course Code	Degree	Duration in Years	
			Pass	Honours

**Faculty of Engineering (continued)**

Surveying <sup>3</sup>	3740	BSurv	4	4
Surveying Science	3760	BSurvSc	4	4
Aeronautical Engineering/Science	3611	BE BSc	5	6
Electrical Engineering/Arts <sup>4</sup>	3720	BE BA	5	6
Civil Engineering/Science	3730	BE BSc	5	6
Electrical Engineering/Science	3725	BE BSc	5	5
Industrial Engineering/Science	3661	BE BSc	5	6
Mechanical Engineering/Science	3681	BE BSc	5	6
Naval Architecture/Science	3701	BE BSc	5	6

**Faculty of Law<sup>5</sup>**

Arts/Law	4760	BA LLB	5	6/7
Commerce (Accounting, Finance and Systems)/Law	4730	BCom LLB	5	6
Commerce (Economics)/Law	4740	BCom LLB	5	6
Commerce (Industrial Relations)/Law	4750	BCom LLB	5	6
Commerce (Marketing)/Law	4710	BCom LLB	5	6
Science/Law	4770	BSc LLB	5	7
Jurisprudence/Law	4780	BJuris LLB	5	—
Jurisprudence	4720	BJuris	3	—
Law <sup>6</sup>	4790	LLB	3	—

**Faculty of Medicine**

Medicine	3800	MB BS	5	5
Medical Science <sup>7</sup>	3830	BMedSc	1	—
Science/Medicine <sup>7</sup>	3820	BSc MB BS	6	7 <sup>8</sup>

**Faculty of Military Studies**

Arts	4400	BA	4	5
Science	4410	BSc	4	5
Engineering	4420	BE	5	5

Course	Course Code	Degree	Duration in Years	
			Pass	Honours

### Faculty of Professional Studies

Health Administration	4040	BHA	3	4
Social Work	4030	BSW	4	4
Science/Diploma in Education <sup>9</sup> .				
<i>Mathematics</i>	4070	BSc DipEd	4	5
<i>Science</i>	4080	BSc DipEd	4	5

### Faculty of Science

Optometry	3950	BOptom	4	4
Pure and Applied Chemistry	3910	BSc	3	4
Science/Optomtry	3951	BSc BOptom	5	6

### Board of Studies in Science and Mathematics

Science and Mathematics	3970	BSc	3	4
Science/Diploma in Education	See Faculty of Professional Studies, above <sup>9</sup> .			

1. A maximum of seventeen semesters may be taken to complete the course.

2. Not available in 1984.

3. The course may also be taken in a sandwich form which may be completed within a period of seven years.

4. An Honours degree course in Arts may be taken with the prior approval of the respective deans of the faculties of Arts and Engineering.

5. The Law Faculty does not award Honours. However, students enrolled in a combined course, except Jurisprudence/Law, may complete Honours in the non-law component.

6. Available to graduates or graduands only.

7. See Faculty of Medicine Handbook for details.

8. Seven years if Science Honours/Medicine.

9. See Combined Sciences Handbook for details.

### Part-time

Course	Course Code	Degree	Duration in Years	
			Pass	Honours

### Faculty of Applied Science

Mining Engineering	4200	BE	7	7
Ceramics	3030	BSc(Tech)	6	—
Chemical Engineering	3040	BE	7	7

Course	Course Code	Degree	Duration in Years	
			Pass	Honours

### Faculty of Applied Science (continued)

Food Technology	3070	BSc(Tech)	6	—
Industrial Chemistry	3110	BSc(Tech)	6	—
Metallurgy	3130	BSc(Tech)	6	—

### Faculty of Commerce<sup>10</sup>.

Accounting, Finance and Systems	3510	BCom	6	7
Economic History	3590	BCom	6	7
Economics	3530	BCom	6	7
Economics/ Econometrics	3580	BCom	—	7
Econometrics	3560	BCom	6	7
Industrial Relations	3550	BCom	6	7
Marketing	3490	BCom	6	7
Commerce Part-time, Year 1 only	3500	BCom	—	—

### Faculty of Engineering

Aeronautical Engineering	3610	BE	6	6
Civil Engineering	3620	BE	7	7
Electrical Engineering	3640	BE	6	6
Electrical Engineering <sup>11</sup> .	3650	BSc(Eng)	6	—
Industrial Engineering	3660	BE	6	6
Mechanical Engineering	3680	BE	6	6
Naval Architecture	3700	BE	6	6

### Faculty of Law

Law	4790	LLB	6	—
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Course	Course Code	Degree	Duration in Years	
			Pass	Honours

## Faculty of Professional Studies

Health Administration <sup>11</sup> .	4040	BHA	6	8
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## Faculty of Science

Pure and Applied Chemistry <sup>12</sup> .	3910	BSc	6	8
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## Board of Studies in Science and Mathematics

Science and Mathematics <sup>12</sup> .	3970	BSc	7	9
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<sup>10</sup>. With the approval of the Head of School concerned, each of the part-time Commerce courses may be completed in five years.

<sup>11</sup>. Part-time on an external basis; available in exceptional cases only.

<sup>12</sup>. Over a longer period of time than full-time. Evening instruction is not necessarily offered in all subjects.

## Graduate Study

The University provides facilities for approved students to engage in advanced studies and research leading to the award of higher degrees and graduate diplomas.

The conditions for the various awards are administered by the Higher Degree Committee of the appropriate Faculty or Board of Studies under the general supervision of that Faculty or Board.

The higher doctorates of Doctor of Science<sup>†</sup>, Doctor of Laws<sup>†</sup> and Doctor of Letters<sup>†</sup> may be awarded for published work of distinguished merit in any one of these fields.

The degree of Doctor of Philosophy\*<sup>†</sup> is available in all Faculties, in the Department of General Studies and in the Australian Graduate School of Management. It requires the completion of a program of research over a period of at least three years' full-time study and the preparation of a thesis. The degree of Doctor of Medicine\*<sup>†</sup> either requires a similar program of study or may be awarded on the basis of published work.

The University also offers masters degrees\*<sup>†</sup> by research and by course work, as well as various courses leading to the award of a graduate diploma<sup>§</sup>. Details are outlined on the following pages.

Short intensive graduate and special courses are provided each year through the Division of Postgraduate Extension Studies, the Committee in Postgraduate Medical Education, and a number of Schools of the University. These courses cover a wide range of interests and details are advertised separately.

\*For conditions of the award of this degree see the appropriate Faculty Handbook.

†For conditions of the award of this degree see later in the Calendar.

§For conditions of the award of a graduate diploma see the appropriate Faculty Handbook.

School/Course	Type Research /Course	Course Code	Duration/Years	
			Full-time	Part-time

## Faculty of Applied Science

### PhD

Applied Geology	R	1000		
Chemical Engineering and Industrial Chemistry	R	1015		
Food Technology	R	1030		
Geography	R	1080		
Metallurgy	R	1040		
Mining Engineering	R	1050		
Textile Technology	R	1060		
Wool and Pastoral Sciences	R	1070		

### MAppSc

Arid Lands Management	C	8025	1	—
Bioprocess Engineering	C	8000	1	2
Chemical Engineering and Industrial Chemistry	C	8015	1	2
Engineering Geology — Hydrogeology — Environmental Geology	C	8020	1	2
Exploration Geophysics	C	8092	1	2
Exploration Geochemistry	C	8093	1	2
Food Engineering	C	8035	1½	—
Food Technology	C	8030	1	2
Fuel Technology	C	8060	—	2
Metallurgy	C	8050	1	2
Mineral Exploration	C	8091	1	2
Minerals Engineering	C	8055	1	2
Mining Geomechanics	C	8056	—	2
Remote Sensing	C	8026	1	2

### ME

Chemical Engineering and Industrial Chemistry	R	2155		
Metallurgy	R	2170		
Mining Engineering	R	2180		

School/Course	Type Research /Course	Course Code	Duration/Years Full- time	Part- time
<b>Faculty of Applied Science (continued)</b>				
<b>MEnvStudies</b>				
Environmental Studies	C	8045	1	2
<b>MSc</b>				
Applied Geology	R	2000		
Chemical Engineering and Industrial Chemistry	R	2015		
Food Technology	R	2030		
Geography	R	2040		
Metallurgy	R	2050		
Mining Engineering	R	2060		
Textile Technology	R	2070		
Wool and Pastoral Sciences	R	2080		
<b>GradDip</b>				
Arid Lands Management	C	5025	1	—
Corrosion Technology	C	5010	—	2
Food Technology	C	5020	1	2
Mining and Mineral Engineering	C	5040	1	2
Remote Sensing	C	5026	1	2
Wool and Pastoral Sciences	C	5081	1	2

## Faculty of Architecture

<b>PhD</b>				
Architecture	R	1130		
Building	R	1140		
Built Environment	R	1120		
Built Environment	R & C	1121		
Landscape Architecture	R	1160		
Town Planning	R	1150		
<b>MArch</b>				
Architecture	R	2200		
Built Environment	R	2201		
<b>MArchDes</b>				
Architectural Design	C	8140	1	1½
<b>MBuild</b>				
Building	R	2210		
<b>MEnv</b>				
Built Environment	R	2240		
Built Environment (Building Conservation)	C	8130	1	2
<b>MID</b>				
Industrial Design	C	8145	1	2

School/Course	Type Research /Course	Course Code	Duration/Years Full- time	Part- time
<b>Faculty of Architecture (continued)</b>				
<b>MLArch</b>				
Landscape Architecture	R	2220		
<b>MSc</b>				
Architecture	R	2206		
<b>MSc(Acoustics)</b>				
Acoustics	C	8100	—	2
<b>MSc(Building)</b>				
Building	C	8110	—	2
<b>MSc(IndDes)</b>				
Industrial Design	C	8146	1	2
<b>MTP</b>				
Town Planning	R	2230	2	—
<b>GradDip</b>				
Housing and Neighbour- hood Planning	C	5200	—	2
Landscape Design	C	5210	—	2

## Faculty of Arts

<b>PhD</b>				
Drama	R	1180		
English	R	1200		
French	R	1210		
Geography	R	1220		
German Studies	R	1231		
History	R	1240		
History and Philosophy of Science	R	1250		
Philosophy	R	1260		
Political Science	R	1270		
Russian	R	1290		
Sociology	R	1300		
Spanish and Latin American Studies	R	1310		
<b>MA</b>				
Drama	R	2260		
Economics	R	2270		
English	R	2280		
French	R	2290		
Geography	R	2300		
German Studies	R	2311		
History	R	2320		
History and Philosophy of Science	R	2330		
Mathematics	R	2340		
Philosophy	R	2350		

School/Course	Type Research /Course	Course Code	Duration/Years	
			Full- time	Part- time
<b>Faculty of Arts (continued)</b>				
Political Science	R	2360		
Psychology	R	2250		
Russian	R	2370		
Sociology	R	2380		
Spanish and Latin American Studies	R	2390		
History	R & C	2325	1½ <sup>1</sup>	2/4 <sup>1</sup>
Sociology	R & C	2385	1½ <sup>1</sup>	2/4 <sup>1</sup>
English	C	8170	—	2
French	C	8210	—	2
German	C	8200	1	2
History	C	8180	1	2
Interdisciplinary Studies	C	8240	1 <sup>2</sup>	2/3 <sup>2</sup>
Philosophy	C	8190	1	2
Sociology	C	8220	2	4

## Faculty of Biological Sciences

### PhD

Biochemistry	R	1410		
Biotechnology	R	1421		
Botany	R	1430		
Microbiology	R	1440		
Psychology	R	1400		
Zoology	R	1450		

### MPsychol

Psychology	C	8250	2	3
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### MSc

Biochemistry	R	2460		
Biotechnology	R	2471		
Botany	R	2480		
Microbiology	R	2490		
Psychology	R	2450		
Zoology	R	2500		

### MSc(Biotech)

Biotechnology	C	8260	1	2
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### MSc(Psychol)

Psychology	C	8255	1½	3
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### GradDip

Biochemical Engineering	C	5320	1	2
Biotechnology	C	5340	1	2

School/Course	Type Research /Course	Course Code	Duration/Years	
			Full- time	Part- time
<b>Faculty of Commerce</b>				
<b>PhD</b>				
Accountancy	R	1520		
Economics	R	1540		
Marketing	R	1550		
<b>MCom(Hons)</b>				
Accountancy	R & C	2630	2	3
Economic History	R & C	2590	2	3
Econometrics	R & C	2600	2	3
Economics	R & C	2640	2	3
Industrial Relations	R & C	2540	2	3
Marketing	R & C	2530	2	3
Organizational Behaviour	R & C	2520	2	3
<b>MCom</b>				
Commerce	C	8470	2	3

## Faculty of Engineering

### PhD

Biomedical Engineering	R	1710		
Civil Engineering	R	1630		
Electrical Engineering and Computer Science	R	1641		
Mechanical and Industrial Engineering	R	1660		
Nuclear Engineering	R	1670		
Surveying	R	1680		

### MBiomedE

Biomedical Engineering	C	8660	1½	3
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### ME

Civil Engineering	R	2650		
Electrical Engineering and Computer Science	R	2661		
Mechanical and Industrial Engineering	R	2690		
Nuclear Engineering	R	2700		

### MEngSc

Civil Engineering	C	8610	1	2
Electrical Engineering	C	8500	1	2
Human Communication	C	8630	1	2
Industrial Engineering	C	8530	1	2
Mechanical Engineering	C	8540	1	2
Nuclear Engineering	C	8550	1	2
Surveying	C	8640	1	2

### MSafetySc

Safety Science	C	8670	1	2
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School/Course	Type Research /Course	Course Code	Duration/Years Full- time    Part- time	
Faculty of Engineering (continued)				
MSc				
Biomedical Engineering	R	2795		
Civil Engineering	R	2750		
Electrical Engineering and Computer Science	R	2761		
Mechanical and Industrial Engineering	R	2780		
Nuclear Engineering	R	2785		
MSurv				
Surveying	R	2720		
MSurvSc				
Surveying Science	C	8650	1	2
GradDip				
Engineering Developments				
Civil	C	5471	1	2
Biomedical	C	5472	1	2
Electrical	C	5473	1	2
Industrial	C	5475	1	2
Mechanical	C	5476	1	2
Nuclear	C	5477	1	2
Surveying	C	5478	1	2
Highway Engineering	C	5430	1	2
Human Communication	C	5440	1	2
Remote Sensing	C	5495	1	2
Safety Science	C	5480	1	2
Surveying	C	5490	1	2
Transport	C	5460	1	2

## Faculty of Law

<b>PhD</b>		
Law	R	1730
<b>LLM</b>		
Laws	R	2440

## Faculty of Medicine

<b>MD</b>		
Anatomy	R	0420
Community Medicine	R	0430
Medicine	R	0350
Obstetrics and Gynaecology	R	0380
Paediatrics	R	0410
Pathology	R	0360

School/Course	Type Research /Course	Course Code	Duration/Years Full- time	Part- time
Faculty of Medicine (continued)				
Physiology and Pharmacology	R	0370		
Psychiatry	R	0390		
Surgery	R	0400		
PhD				
Anatomy	R	1750		
Community Medicine	R	1760		
Medicine	R	1770		
Obstetrics and Gynaecology	R	1820		
Paediatrics	R	1830		
Pathology	R	1780		
Physiology and Pharmacology	R	1790		
Psychiatry	R	1800		
Surgery	R	1810		
MPaed				
Paediatrics	C	9010	—	3
MS				
Surgery	R	2860		
MSc				
Anatomy	R	2800		
Community Medicine	R	2810		
Medicine	R	2820		
Obstetrics and Gynaecology	R	2830		
Paediatrics	R	2805		
Pathology	R	2840		
Physiology and Pharmacology	R	2850		
Psychiatry	R	2880		
Surgery	R	2875		

## Faculty of Military Studies

<b>PhD</b>		
Chemistry	R	1870
Civil Engineering	R	1630
Economics	R	1540
Electrical and Electronic Engineering	R	1642
English	R	1200
Government	R	1320
Geography	R	1080, 1220
History	R	1240
Mathematics	R	1880
Mechanical Engineering	R	1661
Physics	R	1890

School/Course	Type Research /Course	Course Code	Duration/Years Full- time	Part- time
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**Faculty of Military Studies (continued)****MA**

Economics	R	2270		
English	R	2280		
Government	R	2400		
Geography	R	2300		
History	R	2320		
Mathematics	R	2340		

**ME**

Civil Engineering	R	2650		
Electrical and Electronic Engineering	R	2662		
Mechanical Engineering	R	2691		

**MEngSc**

Electrical and Electronic Engineering	C		1	2
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**MSc**

Chemistry	R	2910		
Geography	R	2040		
Mathematics	R	2920		
Physics	R	2930		

**Faculty of Professional Studies****PhD**

Education	R	1970		
Health Administration	R	1950		
Librarianship	R	1990		
Social Work	R	1980		

**MArchivAdmin**

Archives Administration	R	2985		
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**MEd**

Education	R	2990		
Education	C	8910	1	2

**MEdAdmin**

Educational Administration	R	2945		
Educational Administration	C	8960	1	2

**MHA**

Health Administration	R	2960		
Health Administration	C	8900	2	3

**MHP**

Health Planning	C	8940	1	2
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School/Course	Type Research /Course	Course Code	Duration/Years Full- time	Part- time
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**Faculty of Professional Studies (continued)****MLib**

Librarianship	R	2980		
Librarianship	C	8920	1	2

**MNA**

Nursing Administration <sup>3</sup>	C	8950	1	2
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**MSW**

Social Work	R	2970		
Social Work	C	8930	—	3

**DipEd**

Education	C	5560	1	2
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**DipIM-Archiv Admin**

Information Management – Archives Administration	C	5601	1	2
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**DipIM-Lib**

Information Management — Librarianship	C	5591	1	—
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**Faculty of Science****PhD**

Chemistry	R	1870		
Mathematics	R	1880		
Optometry	R	1860		
Physics	R	1890		

**MChem**

Chemistry	C	8770	1	—
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**MMath**

Mathematics	C	8740	1	2
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**MOptom**

Optometry	C	8760	1	2
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**MPhysics**

Physics	C	8730	1	2
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School/Course	Type Research /Course	Course Code	Duration/Years Full- time	Part- time
<b>Faculty of Science (continued)</b>				
<b>MSc</b>				
Chemistry	R	2910		
Mathematics	R	2920		
Optometry	R	2900		
Physics	R	2930		
<b>MScSoc</b>				
History and Philosophy of Science	C	8780	—	2
<b>MStats</b>				
Statistics	C	8750	2	4
<b>GradDip</b>				
Physical Oceanography	C	5530	1	2
<b>DipFDA</b>				
Food and Drug Analysis	C	5510	1	2

**Australian Graduate School of Management**

<b>PhD</b>				
Management	R&C	1350		
<b>MBA</b>				
Business Administration	C	8350	2	—
<b>MPA</b>				
Public Administration	C	8360	2	—

School/Course	Type Research /Course	Course Code	Duration/Years Full- time	Part- time
<b>Board of Studies in General Education</b>				
<b>PhD</b>				
General Studies	R	1920		
<b>MGenStud</b>				
General Studies	R	2430		
General Studies	C	9100	—	2

**Professorial Board**

<b>PhD</b>				
Medical Education	R	1841		
<b>MHPed</b>				
Health Personnel Education	R	2885		
Health Personnel Education	C	9000	1½ <sup>4</sup>	2½ <sup>4</sup>

1. Minimum time.  
2. Varies with program.  
3. The date of commencement of this course has not been determined.  
4. Includes a project of approved field work of six months.

**Table of Courses (alphabetical)**

As already indicated, there are facilities in all faculties for study for higher research degrees, and in some faculties for higher degrees by a combination of research and

course work. In this Table and the summary of disciplines (see following pages) reference is made to graduate study only where formal graduate courses are available.

Discipline	Faculty	Code Number		Degree Abbreviation		Duration in Years Pass/Honours	
		Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
Accounting	Commerce	3505		BCom		3/4	
Accounting and Information Systems§†	Commerce	3512		BCom		3/4	
Accounting, Finance and Systems	Commerce	3510	3510	BCom	BCom	3/4	6/7
Accountancy	Commerce	8470 2630	8470 2630	MCom MCom(Hons)	MCom MCom(Hons)	2 2	3 3
Acoustics, <i>see also</i> <i>Architecture</i>	Architecture		8100		MSc(Acoustics)		2
Aeronautical Engineering	Engineering	3610	3610	BE	BE	4	6/6

§No new enrolments are being accepted into this course.

†Not offered in 1984.

## Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation		Duration in Years	
		Full-time	Part-time	Full-time	Part-time	Pass/Honours	Full-time Part-time
<b>Anatomy, see also Cellular Biology, Human Structure and Function, Medical Science</b>	Medicine	3810		BMedSc		*	
	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3	7/8-9
<b>Applied Geography, see Geography</b>							
<b>Applied Geology, see Geology</b>							
<b>Architectural Design</b>	Architecture	8140	8140	MArchDes	MArchDes	1	1½
<b>Architecture</b>	Architecture	3270/3280		BArch		5/5	
		3270/3295		BSc(DesStud)		3/4	
		3300		BArch		6/6	
<b>Archives Administration, see Information Management</b>							
<b>Arid Lands Management</b>	Applied Science	8025		MAppSc		1	
		5025		GradDip		1	
<b>Behavioral Science, see Organizational Behaviour</b>							
<b>Biochemical Engineering</b>	Biological Sciences	5320	5320	GradDip	GradDip	1	2
<b>Biochemistry, see also Cellular Biology, Human Structure and Function, Medical Science</b>	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
<b>Biomedical Engineering</b>	Medicine	3810		BMedSc		*	
	Engineering	8660	8660	MBiomedE	MBiomedE	1½	3
<b>Bioprocess Engineering, see also Chemical Engineering</b>	Applied Science	8000	8000	MAppSc	MAppSc	1	2
<b>Biotechnology, see also Food Technology</b>	Biological Sciences	8260	8260	MSc(Biotech)	MSc(Biotech)	1	2
		5340	5340	GradDip	GradDip	1	2
	Board of Studies in Science and Mathematics	3970		BSc		3/4	
<b>Botany</b>	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
<b>Building</b>	Architecture	3330		BBuild		8/17 semesters	
			8110		MSc(Building)	2	
<b>Built Environment (Building Conservation)</b>	Architecture	8130	8130	MBEnv	MBEnv	1	2
<b>Business Administration</b>	AGSM	8350		MBA		2	
<b>Cellular Biology</b>	Medicine	3800		MB BS		5	
<b>Ceramic Engineering, see also Metallurgy</b>	Applied Science	3025		BE		4/4	

\*See Faculty of Medicines Handbook for details.

## Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation	Part-time	Duration in Years Pass/Honours	
		Full-time	Part-time			Full-time	Part-time
Ceramics, <i>see also</i> Metallurgy	Applied Science		3030		BSc(Tech)		6
Chemical Engineering	Applied Science	3040	3040**	BE	BE**	4/4	7/7**
Chemical Engineering and Industrial Chemistry	Applied Science	8015	8015	MAppSc	MAppSc	1	2
Chemistry, <i>see also</i> Pure and Applied Chemistry	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
	Science	8770		MChem		1	
	Medicine	3800		MB BS		5	
Civil Engineering	Engineering	3620	3620	BE	BE	4	7**
		3730		BE BSc		5	6
		8610	8610	MEngSc	MEngSc	1	2
Clinical Studies	Medicine	3800		MB BS		5	
Community Medicine	Medicine	3800		MB BS		5	
		3810		BMedSc		*	
Commerce, <i>see also</i> Accountancy, Economics, Economic History, Econometrics, Industrial Relations, Marketing, and Organizational Behaviour	Commerce		3500		BCom		4/5***
		8470	8470	MCom	MCom	2	3
Computer Science, <i>see also</i> Electrical Engineering	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/9
Corrosion Technology	Applied Science		5010		GradDip		2
Drama	Arts	3400		BA		3/4	
Econometrics, <i>see also</i> Economics	Commerce	3560	3560	BCom	BCom	3/4	6/7
		8470	8470	MCom	MCom	2	3
		2600	2600	MCom(Hons)	MCom(Hons)	2	3
Economic History, <i>see also</i> Economics	Commerce	3590	3590	BCom	BCom	3/4	6/7
		3595		BCom DipEd		4	
		2590	2590	MCom(Hons)	MCom(Hons)	2	3
		8470	8470	MCom	MCom	2	3
Economics	Commerce	3530	3530	BCom	BCom	3/4	6/7
		3535†		BCom DipEd†		4†	
		2640	2640	MCom(Hons)	MCom(Hons)	2	3
		8470	8470	MCom	MCom	2	3
Economics/Econometrics	Commerce	3580	3580	BCom	BCom	—/7	—/7
		3585		BCom		3/4	
Economics/Finance	Commerce	3545		BCom		3/—	
		3546		BCom		—/4	
Economics/Industrial Relations	Commerce	3555		BCom		3/4	

\*\*By combination of full-time and part-time study the duration may be reduced.

\*See Faculty of Medicine Handbook for details.

\*\*\*Year 1 part-time only, following years full-time.

†Not offered in 1984.

## Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation		Duration in Years	
		Full-time	Part-time	Full-time	Part-time	Pass/Honours	Full-time Part-time
<b>Education</b>						4/5	
<i>Arts</i>	Arts	3410		BA DipEd			
<i>Industrial Arts</i>	Architecture	3320		BSc (Ind Arts)		4/5	
				DipEd			
<i>Mathematics</i>	Professional Studies	4070		BSc DipEd		4/5	
<i>Science</i>		4080		BSc DipEd		4/5	
<i>Education</i>	Professional Studies	8910	8910	MEd	MEd	1	2
		5660		DipEd		1	2
<i>Educational Administration</i>		8960	8960	MEdAdmin	MEdAdmin	1	2
<b>Electrical and Electronic Engineering</b>	Military Studies			MEngSc	MEngSc	1	2
<b>Electrical Engineering</b>	Engineering	3640	3640	BE	BE	4	6
			3650§		BSc(Eng)§		6§
		3725		BE BSc		5/6	
		3720		BE BA		5/6	
		8500	8500	MEngSc	MEngSc	1	2
	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/9
<b>Engineering Developments</b>	Engineering						
<i>Civil</i>		5471	5471	GradDip	GradDip	1	2
<i>Biomedical</i>		5472	5472	GradDip	GradDip	1	2
<i>Electrical</i>		5473	5473	GradDip	GradDip	1	2
<i>Industrial</i>		5475	5475	GradDip	GradDip	1	2
<i>Mechanical</i>		5476	5476	GradDip	GradDip	1	2
<i>Nuclear</i>		5477	5477	GradDip	GradDip	1	2
<i>Surveying</i>		5478	5478	GradDip	GradDip	1	2
						1	2
<b>Engineering Geology – Hydrogeology – Environmental Geology</b>	Applied Science	8020	8020	MAppSc	MAppSc	1	2
<b>English</b>	Arts	3400		BA		3/4	
			8170		MA		2
<b>Environmental Geology, see Engineering Geology</b>							
<b>Environmental Studies</b>	Applied Science	8045	8045	MEnv Studies	MEnv Studies	1	2
<b>Exploration Geochemistry, see Geology</b>							
<b>Exploration Geophysics, see Geology</b>							
<b>Finance</b>	Commerce	3511		BCom		3/4	
<b>Food and Drug Analysis</b>	Science	5510	5510	DipFDA	DipFDA	1	2
<b>Food Engineering</b>	Applied Science	8035	8035	MAppSc	MAppSc	1½	
<b>Food Technology</b>	Applied Science	3060	3070	BSc	BSc(Tech)	4/4	6**
		8030	8030	MAppSc	MAppSc	1	2
		5020	5020	GradDip	GradDip	1	2

§No new enrolments are being accepted into this course.

\*\*By combination of full-time and part-time study the duration may be reduced.

## Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation		Duration in Years Pass/Honours	
		Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
French	Arts	3400 8210	8210	BA MA	MA	3/4 2	2
Fuel Technology	Applied Science	3040 8060	3040** 8060	BE MAppSc	BE** MAppSc	4/4 1	7/7** 2
General Studies	Board of Studies in General Education		9100		MGenStud		2
Geography	Applied Science	3010		BSc		4/4	
	Board of Studies in Science and Mathematics	3970		BSc		3/4	
Geology	Applied Science	3000 8092 8093	8092 8093	BSc MAppSc MAppSc	MAppSc MAppSc	4/4 1 1	2 2
	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
German	Arts	3400		BA		3/4	
German Studies	Arts	8200	8200	MA	MA	1	2
Health Administration	Professional Studies	4040 8900	4040 8900	BHA MHA	BHA MHA	3/4 2	6/8 3
Health Planning	Professional Studies	8940		MHP		1	
Health Personnel Education	Professorial Board††	9000	9000	MHPed	MHPed	1½	2½
Highway Engineering	Engineering	5430	5430	GradDip	GradDip	1	2
History	Arts	3400 8180 2325	8180 2325	BA MA MA	MA MA		3/4 1 1½††† 2/4
History and Philosophy of Science	Arts	3400		BA		3/4	
	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
Housing and Neighbourhood Planning	Architecture		5200		GradDip		2
Human Behaviour	Medicine	3800		MB BS		5	
Human Communication	Engineering	8630 5440	8630 5440	MEngSc GradDip	MEngSc GradDip	1 1	2 2
Human Structure and Function	Medicine	3800		MB BS		5	
Hydrogeology, see <i>Engineering Geology</i>							
Industrial Arts	Architecture	3310 3320		BSc BSc(IndArts) DipEd		4 4/5	

\*\*By combination of full-time and part-time study the duration may be reduced.

††Administering body.

†††Minimum time allowed.

## Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation Full-time	Part-time	Duration in Years Pass/Honours	
		Full-time	Part-time			Full-time	Part-time
<b>Industrial Chemistry, see also Chemical Engineering</b>	Applied Science	3100	3110	BSc	BSc(Tech)	4/4	6
<b>Industrial Design</b>	Architecture	8145	8145	MID	MID	1	2
		8146	8146	MSc(IndDes)	MSc(IndDes)	1	2
<b>Industrial Engineering</b>	Engineering	3660	3660	BE	BE	4	6/6
		8530	8530	MEngSc	MEngSc	1	2
<b>Industrial Relations, see also Economics</b>	Commerce	3550	3550	BCom	BCom	3/4	6/7
		2540	2540	MCom(Hons)	MCom(Hons)	2	3
		8470	8470	MCom	MCom	2	3
<b>Information Management Archives Administration</b>	Professional Studies	5601	5601	DiplM-Archiv Admin	DiplM-Archiv Admin	1	2
<b>Librarianship</b>		5591		DiplM-Lib		1	
<b>Information Systems</b>	Commerce	3513		BCom		3/4	
<b>Integrated Clinical Studies, see Clinical Studies</b>							
<b>Interdisciplinary Studies</b>	Arts	8240	8240	MA	MA	1	2
<b>Landscape Architecture, see also Architecture</b>	Architecture	3380		BLArch		4/4	
<b>Landscape Design</b>	Architecture		5210		GradDip		2
<b>Law</b>	Law						
<i>Arts/Law</i>		4760		BA LLB		5/6-7	
<i>Commerce (Accounting, Finance and Systems)/Law</i>		4730		BCom LLB		5/6	
<i>Commerce (Economics)/Law</i>		4740		BCom LLB		5/6	
<i>Commerce (Industrial Relations)/Law</i>		4750		BCom LLB		5/6	
<i>Commerce (Marketing)/Law</i>		4710		BCom LLB		5/6	
<i>Science/Law</i>		4770		BSc LLB		5	
<i>Jurisprudence/Law</i>		4780		BJuris LLB		5	
<i>Jurisprudence</i>		4720		BJuris		3	
<i>Law</i>		4790	4790	LLB	LLB	3	6
<b>Librarianship, see also Information Management – Archives Administration</b>	Professional Studies	8920	8920	MLib	MLib	1	2
<i>Information Science</i>		8920	8920	MLib	MLib	1	2
<i>Library Management</i>		8920	8920	MLib	MLib	1	2
<b>Marine Science</b>	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/9
<b>Marketing</b>	Commerce	3490	3490	BCom	BCom	3/4	6/7
		2530	2530	MCom(Hons)	MCom(Hons)	2	3
		8470	8470	MCom	MCom	2	3

## Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation		Duration in Years	
		Full-time	Part-time	Full-time	Part-time	Pass/Honours	Full-time Part-time
<b>Mathematics</b>	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
	Arts	3400		BA		3/4	
	Science	8740	8740	MMath	MMath	1	2
<b>Mechanical Engineering</b>	Engineering	3680	3680	BE	BE	4	6/6
		8540	8540	MEngSc	MEngSc	1	2
<b>Medical Science</b>	Medicine	3830		BMedSc		1	
<b>Medicine</b> , see also <i>Cellular Biology, Chemistry, Clinical Studies, Community Medicine, Human Behaviour, Human Structure and Function, Medical Science, Obstetrics and Gynaecology, Paediatrics, Paraclinical Science, Physics, Psychiatry</i>	Medicine	3800		MB BS		5	
<b>Metallurgical Process Engineering</b> , see also <i>Metallurgy</i>	Applied Science	3180		BE		4/4	
<b>Metallurgy</b> see also <i>Ceramic Engineering and Ceramics</i>	Applied Science	3120	3130	BSc	BSc(Tech)	4/4	6
		8050	8050	MAppSc	MAppSc	1	2
<b>Microbiology</b> , see also <i>Paraclinical Science</i>	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
	Medicine	3810		BMedSc		*	
<b>Military Studies</b> , see also <i>Electrical Engineering</i>							
<b>Mineral Exploration</b> , see also <i>Geology</i>	Applied Science	8091	8091	MAppSc	MAppSc	1	2
<b>Minerals Engineering</b> , see also <i>Mining Engineering</i>	Applied Science	8055	8055	MAppSc	MAppSc	1	2
<b>Mining and Mineral Engineering</b> , see <i>Mining Engineering</i>	Applied Science	5040	5040	GradDip	GradDip	1	2
<b>Mining Engineering</b>	Applied Science	3140	4210§	BE	BSc(Eng)§	4/4	6§
		4190§	4200§	BE§	BE§	4/4§	7/7§
<b>Mining Geomechanics</b>	Applied Science	8056	8056	MAppSc	MAppSc		2
<b>Naval Architecture</b>	Engineering	3700	3700	BE	BE	4	6/6
<b>Nuclear Engineering</b>	Engineering	8550	8550	MEngSc	MEngSc	1	2
<b>Nursing Administration‡</b>	Professional Studies	8950	8950	MNA	MNA	1	2
<b>Obstetrics and Gynaecology</b>	Medicine	3800		MB BS		5	

\*See Faculty of Medicine Handbook for details.

§No new enrolments are being accepted into this course.

‡The date of commencement of this course has not been determined.

## Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation		Duration in Years	
		Full-time	Part-time	Full-time	Part-time	Pass/Honours	Full-time Part-time
<b>Optometry</b>	Science	3950		BOptom		4	
		8760	8760	MOptom	MOptom	1	2
<b>Organizational Behaviour</b>	Commerce	2520	2520	MCom(Hons)	MCom(Hons)	2	3
		8470	8470	MCom	MCom	2	3
<b>Paediatrics</b>	Medicine	3800		MB BS		5	
			9010		MPaed		3
<b>Paraclinical Science</b>	Medicine	3800		MB BS		5	
<b>Pathology, see also</b> <i>Paraclinical Science, Clinical Studies</i>	Medicine	3810		BMedSc		*	
<b>Pharmacology, see</b> <i>Paraclinical Science, Medical Science</i>							
<b>Philosophy</b>	Arts	3400		BA		3/4	
		8190	8190	MA	MA	1	2
<b>Physics</b>	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/9
	Science	8730	8730	MPhysics	MPhysics	1	2
	Medicine	3800		MB BS		5	
<b>Physiology, see also</b> <i>Cellular Biology, Human Structure and Function</i>	Medicine	3810		BMedSc		1	
	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
<b>Political Science</b>	Arts	3400		BA		3/4	
<b>Polymer Science, see</b> <i>Chemical Engineering</i>							
<b>Psychiatry</b>	Medicine	3800		MB BS		5	
<b>Psychology</b>	Biological Sciences	3430		BSc		4	
		8250	8250	MPsychol	MPsychol	2	3
		8255	8255	MSc(Psychol)	MSc(Psychol)	1½	3
	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
	Arts	3400		BA		3/4	
<b>Public Administration</b>	AGSM	8360		MPA		2	
<b>Pure and Applied Chemistry, see also</b> <i>Chemistry</i>	Science	3910	3910	BSc	BSc	3	4
<b>Remote Sensing</b>	Applied Science	8026	8026	MAppSc	MAppSc	1	2
	Engineering	8500††	8500††	MEngSc	MEngSc	1	2
		5495	5495	GradDip	GradDip	1	2
<b>Russian</b>	Arts	3400		BA		3/4	
<b>Safety Science</b>	Engineering	8670	8670	MSafetySc	MSafetySc	1½	3
		5480	5480	GradDip	GradDip	1	2

\*See Faculty of Medicine Handbook for details.

††Also includes Courses 8530, 8540, 8550, 8610, 8640.

## Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation	Part-time	Duration in Years	
		Full-time	Part-time			Full-time	Part-time
Science and Society	Science		8780		MScSoc		2
Science/Aeronautical Engineering		3611		BE BSc		5/6	
Science/Civil Engineering	Board of Studies in Science and Mathematics	3730		BE BSc		5/6	
Science/Electrical Engineering	Board of Studies in Science and Mathematics	3725		BE BSc		5/5	
Science/Industrial Engineering		3661		BE BSc		5/6	
Science/Law	Board of Studies in Science and Mathematics	4770		BSc LLB		5/7	
Science/Mechanical Engineering		3681		BE BSc		5/6	
Science/Medicine	Medicine	3820		BSc MB BS		6/7	
Science/Naval Architecture		3701		BE BSc		5/6	
Science/Optometry	Board of Studies in Science and Mathematics	3951		BSc BOptom		5/6	
Social Science	Arts	3420		BSocSc		4	
Social Work	Professional Studies	4030		BSW		4	4/7
		8930	8930	MSW	MSW	+++	3
Sociology	Arts	3400		BA		3/4	
		8220	8220	MA	MA	2	4
		2385	2385	MA	MA	1½+++	2/4
Spanish and Latin American Studies	Arts	3400		BA		3/4	
Statistics, <i>see also Econometrics and Mathematics</i>	Science	8750	8750	MStats	MStats	2	4
Surgery, <i>see Clinical Studies</i>							
Surveying	Engineering	3740φ	3740φ	BSurvφ	BSurvφ	4/4φ	6/7φ
		5490	5490	GradDip	GradDip	1	2
Surveying Science	Engineering	3760		BSurvSc		4/4	
		8650	8650	MSurvSc	MSurvSc	1	2
Textile Technology	Applied Science	3170		BSc		4/4	
Town Planning	Architecture	3360		BTP		5/5	
Transport	Engineering	5460	5460	GradDip	GradDip	1	2
Wool and Pastoral Sciences	Applied Science	3220		BSc		4/4	
		5081	5081	GradDip	GradDip	1	2
Zoology	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9

+++Subject to approval of Head of School.

+++Minimum time allowed.

φMay be taken either as a four-year full-time course or in a sandwich form which may be completed within a maximum period of seven years.

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## Summary of Disciplines of the University

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For details of the disciplines within each faculty consult the relevant faculty handbook.

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### Faculty of Applied Science

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#### Applied Geology, see *Geology*

#### Chemical Engineering and Industrial Chemistry

##### *Chemical Engineering*

Chemical Engineering is the application of the principles of the physical sciences and of economics and human relations to fields in which matter undergoes change. The course in Chemical Engineering (3940) leads to the award of the BE degree by full-time and part-time study. It allows specialization in biological process engineering and in fuel engineering. Biological process engineering is an extension of chemical engineering principles to systems involving biological materials. Fuel engineering involves the practical and economic applications of science and engineering to the production, processing and utilization of fuels and energy.

##### *Industrial Chemistry*

Industrial Chemistry is the discipline which translates the work of the research chemist into the activities of the chemical industry. It is concerned with the selection of the most suitable chemical process for converting available raw materials into the desired product and with the application of the selected process in the most economical way in terms of energy, manpower and money.

The industrial chemistry courses (3100 full-time BSc and 3110 part-time BSc(Tech)) are concerned with the development and use of inorganic and organic industrial chemicals and the special class of materials called macromolecules, eg plastics and elastomers.

The first year courses in Chemical Engineering and Industrial Chemistry are similar to the first year of the Science and Mathematics course (3970) and transfer in either direction can usually be arranged at the end of first year without loss of standing.

##### *General*

There are several formal graduate courses offered by the School of Chemical Engineering and Industrial Chemistry: the Master of Applied Science degree courses in Bioprocess Engineering (8000), Chemical Engineering and Industrial Chemistry (8015) and Fuel Technology (8060); and a Graduate Diploma course, in Corrosion Technology (5010).

#### Food Technology

Food Technology is concerned with securing optimum quality and quantity of the food supply. It is an interdisciplinary science with applications from areas of chemistry, biochem-

istry, biological technology, microbiology, agriculture, engineering, nutrition and commerce. There are full-time and part-time courses, leading to the award of the BSc (3060) and the BSc(Tech) (3070) degree respectively. First year courses in Food Technology are similar to first year of the Science and Mathematics course (3970) and transfer in either direction can usually be arranged at the end of first year without loss of standing. Students who have completed first year subjects including physics, chemistry, mathematics and biology are eligible for selection for admission to the second year of the Food Technology course (3060).

There are three formal graduate courses: the Master of Applied Science courses in Food Technology (8030) and in Food Engineering (8035); and a Graduate Diploma course in Food Technology (5020).

#### Geography

Geography is the study of variations from place to place on the earth's surface arising from the spatial phenomena which make up man's world. The applied geography programs in Applied Science (3010) are designed to train professional geographers in the conservation and planned development of resources, in environmental management, and in investigations related to the spatial organization of human activities, especially within urban systems. Specializations are offered in physical and economic geography.

Geography is also a major sequence in the Arts course (3400), where the emphasis is on the study of where and how man lives and of his activities in relation to his environment. A major sequence in the Science and Mathematics course (3970) studies the relationships between man and his physical environment, combining geographical studies, particularly in physical geography, with those in related disciplines, notably the biological and earth sciences.

#### Geology

Geology is the science of the earth's crust, its history, composition and the processes involved in the evolution of its present structure. The Applied Geology BSc degree course (3000) proceeds from instruction in fundamental geological topics to practical applications in the geology of minerals and fuels, in engineering and environmental geology and on exploration techniques including geochemical and geophysical methods. The Mining Geology BSc degree course (3015) allows for greater emphasis on the engineering aspects of both underground and open-cut mining techniques while still providing a sound basis of geological principles. Geology is a major component of programs in the Science and Mathematics course (3970) and a minor component in the Arts course (4700). It is available also in the combined Science/Law course (4770).

There are four formal Master of Applied Science degree courses in Engineering Geology – Hydrogeology – Environmental Geology (EHE) (8020), Mineral Exploration (8091), Exploration Geophysics (8092) and Exploration Geochemistry (8093).

## Metallurgy

### *Metallurgy*

Metallurgy is concerned with the application of scientific and engineering principles to the production and use of metals. It is an applied science and can be regarded as a combination of pure science (in which the aim is to investigate the fundamental nature of metals and the reactions in which they take part), and engineering (in which the aim is to design and operate processes and produce materials to serve man's needs).

There are three undergraduate courses, two full-time, in Metallurgy (3120) and in Metallurgical Process Engineering (3180) leading to the award of the BSc and the BE degree respectively; and one part-time in Metallurgy (3130), leading to the award of the BSc(Tech) degree.

Metallurgy programs may also be taken in the Board of Studies in Science and Mathematics. The programs are: Physical Metallurgy (0401), Chemical Metallurgy (0402) and Metallurgy Double Major (0403). These programs and those metallurgy subjects which may be taken as electives in other programs are set out in the Combined Sciences Handbook.

### *Metallurgy in Double Degree Programs*

Metallurgy subjects are available in the materials science option of the combined degree course BE BSc in Mechanical and Industrial Engineering. The engineering courses offered in these programs are Aeronautical Engineering (3611), Industrial Engineering (3661), Mechanical Engineering (3681) and Naval Architecture (3701). A physical metallurgy and chemistry option is also available as part of the combined degree course BE BSc in Civil Engineering (3739) (see the Faculty of Engineering Handbook).

### *Ceramic Engineering*

Ceramic Engineering is concerned with all aspects of the production of ceramic materials and products including their structure and properties, manufacture and application.

There are two courses: Ceramic Engineering (3025 full-time BE) and Ceramics (3030 part-time BSc(Tech)), covering the development, production and application of chemically inorganic materials (except metals and alloys), which are normally rendered serviceable through high temperature processing.

### *General*

There is also a formal graduate course in Metallurgy (8050) offered by the School of Metallurgy, leading to the award of the Master of Applied Science degree.

## Mining Engineering

Mining Engineering is a branch of engineering concerned with the exploration, assessment, development and management of mining operations. The full-time course in Mining Engineering (3140) leading to the award of the BE degree, part-time courses (4200 and 4210) leading to the award of the degrees of BE and BSc(Eng) respectively, and the part-time course in Mineral Processing (4220) leading to the award of the BSc(Tech) degree, prepare students for careers in the coal mining, metalliferous mining, quarrying or the petroleum industry.

There are formal graduate courses: in Minerals Engineering (8055) and Mining Geomechanics (8056), leading to the award of the degree of Master of Applied Science, and in Mining and Minerals Engineering (5040), leading to the award of a Graduate Diploma.

## Textile Technology

The Textile Technology course (3170), leading to the award of the BSc degree, is essentially a study of the basic sciences and engineering, together with a broad training in the whole range of textile sciences and technologies. Students can specialize in textile chemistry, textile physics, textile engineering or textile manufacture, each course extending over four years. All students take a common first year, and do not need to select their option for subsequent study until the end of that year. The aim of the four courses is to train undergraduates and graduates comprehensively in all the textile sciences and technologies.

## Wool and Pastoral Sciences

Wool and Pastoral Sciences is concerned with the sector of agriculture which deals with the production of wool and meat from sheep and cattle, the management of pastures which provide food for grazing animals and the preparation for sale, specification and marketing of wool and meat animals. The BSc degree course (3220) covers the application of scientific, economic and business management principles in the wool and pastoral industries. The course includes study of biology, chemistry, biochemistry and mathematics together with a broad education in the applied sciences of agronomy, nutrition, genetics, reproductive biology, health, ecology, wool technology and management.

Graduates are engaged in a wide range of careers in private industry and public organizations concerned with the wool and agricultural industries.

A formal graduate diploma course in Wool and Pastoral Sciences (5080) is available.

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## Faculty of Architecture

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Architecture is concerned with the arts and sciences which govern the design and construction of buildings and the modification of the environment.

### Architecture

The School offers courses which reflect the advances in science and technology and the changing needs of society. The courses foster conceptual abilities in design and encourage students to develop their own interests and creative abilities.

For students who seek registration and professional recognition, the School offers the Bachelor of Architecture degree course (3270/3280); for those who wish to specialize in a particular field of architecture without qualifying for registration as an architect, the School offers the Bachelor of Science (Design Studies) degree course and the Bachelor of Science (Design Studies) degree course at honours level (3270/

3295). All courses are available on a semester basis. The Department of Industrial Arts offers a full-time Bachelor of Science (Industrial Arts) Diploma in Education course (3320) providing a broad education which embraces the natural and social sciences, technological studies, education, general studies and the arts. No new enrolments are being accepted into this course.

A formal degree course, the Master of Architectural Design (8140) is offered, in addition to the research degrees of Doctor of Philosophy (1130) and Master of Architecture (2200). The Department of Industrial Arts offers the research degrees of Doctor of Philosophy (1170) and Master of Science (2205).

## Building

The school of Building provides degree courses that prepare students for professional and executive employment within one of Australia's largest industries, the building industry. Careers in both private enterprise and the public sector are available to building graduates in a wide variety of areas. These include the management and supervision of building developments, building technology, finance, the production of building materials, property management and building research.

The Bachelor of Building degree course (3330) is offered on a semester basis, and students are required to complete a minimum of eight semesters including one semester of appropriate industry experience. Subjects in the course are broadly grouped into four major streams, viz construction studies, building science, management studies and building economics.

In addition to the research degrees of Doctor of Philosophy (1140) and Master of Building (2210), the School offers a formal graduate course, the Master of Science (Building) (8110).

## Graduate School of the Built Environment

The Graduate School provides opportunities for teaching, investigation, study and research at the post-professional level in those multidisciplinary and interdisciplinary areas concerned with the creating and managing of the built environment and undertakes relevant environmental work in the community, either alone or in co-operation with other bodies.

The main work of the School is in the fields of research and higher degree research training at both masters and doctoral levels, and the School makes available to research students a resource facility covering a wide spectrum of relevant disciplines in which students can follow a largely self-determined program of study, research and practice.

In addition to the research degrees of Doctor of Philosophy (1120 and 1121), Master of Architecture (2201) and Master of the Built Environment (2240), the School offers courses leading to the award of the degrees of Master of Science (Acoustics) (8100), Master of the Built Environment (Building Conservation) (8130), Master of Industrial Design (8145) and Master of Science (Industrial Design) (8146).

## Landscape Architecture

Landscape Architecture is a professional discipline which has grown out of our need to make wise use of our resources, including the natural and man-modified landscape. The degree course in Landscape Architecture (3380) develops a systematic approach to landscape design through understanding of the natural sciences and man's material and spiritual relationship to the world about him. The School of Landscape Architecture also offers the degree of Master of Landscape Architecture by research (2220), and a formal graduate course in Landscape Design (5210) leading to the award of a Graduate Diploma.

## Town Planning

Town planning is concerned with the environment: the planning of new communities, improvement of the existing environment and the management of change in the structure and fabric of towns, cities and regions, including the control of development.

The Bachelor of Town Planning degree course (3360) prepares graduates for a wide range of roles in the work of national, state and local government agencies, consultants, business organizations and the community.

The Master of Town Planning degree (2230) is a research degree with qualifying coursework for graduates without a primary degree in town planning. There is also a graduate diploma course in Housing and Neighbourhood Planning (5200).

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## Faculty of Arts

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All the disciplines in the Faculty of Arts except Russian constitute major sequences for the award of the Bachelor of Arts degree (3400). Application should be made to the Department of Russian for details of sequences offered.

## Drama

Drama courses offered within the Faculty of Arts are not primarily intended to equip a student for the profession of theatre. Whereas the National Institute of Dramatic Art, established on the campus of the University, is concerned with vocational training, the School of Drama is concerned with the history and evaluation of the theatre arts, including film. Practical work is undertaken in the School, not in order that students may achieve proficiency as actors or directors, but in order that they may acquire a fuller understanding of the theatre.

## English

The English courses are designed to suit not only candidates for Honours and pass students taking a major for the Arts degree but also those wishing to study the subject for only one or two years. The Honours program and the pass 'major' cover the main periods and most of the great writers of English literature, with some representation of Australian and American authors. Both first year subjects (1A and 1B) include introductory study of Language and Middle English

literature; and students may, if they wish, take further work in Language and early literature in the later years. A formal graduate course (8170) is also offered, leading to the award of an MA degree at pass level. The graduate degrees of MA at honours level (2280) and Doctor of Philosophy (1200) are also obtainable, but only by research.

### French

The French course covers language, literature and thought, civilization and society and francophone studies. Almost all teaching is done in tutorials, where French is used whenever possible. The study of literature, in which intellectual content is considered as well as aesthetic quality, is closely integrated with courses on French social and political history. A system of options makes it possible for students to select areas which interest them, and to do a preponderance of work in either language or literature.

The School also offers a formal graduate course (8210), leading to the award of an MA degree at pass level. The graduate degrees of MA at honours level (2290) and Doctor of Philosophy (1210) are also obtainable, but only by research.

### German Studies

The School of German Studies offers a wide range of subjects in German language, literature, history and culture, linguistics and medieval language and literature, designed for students both with and without previous knowledge of the language. The basic aim of all subjects is to introduce students to the reality of a European culture and society, so that they may be able to make productive comparisons with their own, and a range of subjects is offered to students who do not wish to embark on a study of the language. A formal graduate course (8200) is also offered, leading to the award of an MA degree at pass level.

### History

The history course is concerned with aspects of modern history: Asian, Australian, British, European and American. Concurrently it deals with approaches to problems of historical explanation, and with techniques for dealing with source materials. A formal graduate course (8180) is also offered, leading to the award of an MA degree at pass level.

### History and Philosophy of Science

Science has been among the most powerful forces for social and cultural change which the world has seen. The discipline of History and Philosophy of Science seeks an understanding of the nature of scientific knowledge, its development from ancient beginnings to the present time, and the cultural, socio-economic and political impact of science and technology on industrial and post-industrial societies. Although the courses offered provide a training in the autonomous discipline of History and Philosophy of Science, they can also provide an additional dimension to other major sequences in Arts, Sciences, and Professional Studies, where an understanding of the nature of science and its social dimensions is being increasingly recognized as an important preparation for life in modern society.

History and Philosophy of Science can be taken as a major sequence in the Science course (3970) as well as in Arts (3400). It can also be taken as part of the Science (Education) course (4060).

### Philosophy

Philosophy is a wide-ranging subject which includes the study of metaphysics, ontology, epistemology, logic, ethics, aesthetics, and the foundations of mathematics, the sciences, social theories, and the humanities. It is also a minor study in the Science and Mathematics course (3970). A formal graduate course (8190) is also offered, leading to the award of an MA degree at pass level.

### Political Science

Political science is the study of political conflict and of struggles for power. It examines political ideas, institutions, and activity. As the study of one aspect of society, the political one, it is closely linked with other social sciences: history, sociology and economics; and with philosophy and law. Some of its more important branches of study are – political institutions, political theory and philosophy, comparative government and area studies, international relations and foreign policy, and political sociology. Political Science I is devoted to a study of the Australian political system, an introduction to the history of Western political thought from Machiavelli to Marx, and an introduction to government in the modern world. Upper Level subjects cover such fields as political theory, the study of the politics of some major world powers, political culture, public policy, international relations, as well as further studies of aspects of Australian politics and society. As political science contains much that is controversial, emphasis is placed on critical appraisal and analysis. Some subjects offered by the School are of particular interest to students in other faculties, especially Commerce and Law.

### Russian

The Department of Russian offers courses in the language, literature, history and culture of the Russian people. Language courses are available both for beginners and for students already possessing a knowledge of Russian.

### Sociology

Sociology is concerned with the study of the structure of society as a whole and social relations in general. Its subject matter is diverse, overlapping not only with that of other social sciences – economics, politics, psychology and anthropology – but also with the subject matter of other disciplines – philosophy, history, medicine, the natural sciences, town planning, law and education. The major emphasis in the course is the development, first, of a critical awareness of society and of sociological theory and, second, of a sociological imagination.

### Spanish and Latin American Studies

Subjects in Spanish and Latin American studies are available in language, literature, history and linguistics. Major sequences may be followed either in language and literature or in history. In the case of the former, entry to one of three streams depends on whether a student has no knowledge, some knowledge or an advanced knowledge of the Spanish language. Intensive oral and written language work is an

essential element for the elementary and intermediate streams and classes for these as for the advanced stream are conducted whenever possible in Spanish. A major in Spanish and Latin American history may be completed with no knowledge of Spanish but a reading knowledge of the language is a prerequisite for entry to the honours year.

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## Faculty of Biological Sciences

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### Biochemistry

Biochemistry is a study of chemical processes of living organisms, and requires a background of biology and chemistry and, to a lesser extent, of mathematics and physics. Biochemistry in turn is an essential element in the study of all disciplines in the Faculty of Medicine, and in biological technology, botany, microbiology and zoology. Biochemistry is a major component in the Science and Mathematics course (3970). Medical students may also interrupt their course to specialize in biochemistry for the award of the additional degree of Bachelor of Science (Medicine) (3830). In addition a limited number of medical students may undertake a BSc degree course with a major in biochemistry and minimal requirements in anatomy and physiology, before proceeding to Year 3 of the Bachelor of Science (Medicine) (3820) degree course.

### Biotechnology

Biotechnology is a well-established area of study concerned with the applications of some of the biological sciences (in particular, biochemistry, microbiology and genetics) to industry, agriculture and medicine.

It is an interdisciplinary field and draws not only upon the techniques and methodologies of the relevant biological sciences but also upon those of mathematics, computing science, the physical sciences and engineering. A major sequence in biotechnology can be associated with biochemistry, chemistry or microbiology, or with other subjects in the Science and Mathematics course (3970). Formal graduate courses are offered to graduates with a diversity of backgrounds; these courses are the Graduate Diploma in Biochemical Engineering (offered conjointly with the School of Chemical Engineering) (5320), the Graduate Diploma in Biotechnology (5340), and the Master of Science (Biotechnology) course (8260).

### Botany

Botany is concerned with all aspects of the structure and function of both green and non-green plants and the relation of plants to their environments. The major aspects of the subject range from plant anatomy and morphology through genetics, biochemistry, physiology, ecology, taxonomy and palynology to mycology and plant pathology. The applications of these studies are particularly relevant in the fields of agriculture, horticulture, forestry, conservation and related environmental sciences.

Botany may be taken as a major or a minor study in the Science and Mathematics course (3970).

### Microbiology

Microbiology is the science that is concerned with the nature and behaviour of microscopic and sub-microscopic life forms known as fungi, bacteria and viruses. These micro-organisms may affect man's way of life in many ways; some are the causative agents of human, animal and plant diseases; many are important in agriculture; while others are used in the production of a variety of foods and beverages. In some areas of the subject the study of immunology is important to an understanding of the ways in which man and animals may combat or avoid microbial diseases. Microbiology may be taken as a major or a minor study in the Science and Mathematics course (3970), and medical students may specialize in it in the Bachelor of Medical Science course (3830). The subject is also a component of the medical and biological technology courses, and of the food technology and other Applied Sciences courses.

### Psychology

Psychology is an established scientific discipline concerned with the description, explanation and understanding of behaviour. It is also an area of professional practice. The basic course covers such topics as learning, motivation, sensory processes, the social bases of behaviour, personality, cognitive processes and research methods. Psychology has many applications, especially in clinical, correctional, educational and industrial settings. There is some choice in the supporting courses to allow students to develop their special interests. The four-year professional program leading to the award of the degree of Bachelor of Science in Psychology (3430) prepares students to work as psychologists. Psychological practice is also possible for students who have taken the four-year psychology honours program in the Science and Mathematics course (3970) or in the four-year psychology honours course in Arts (3400). Science or Arts students who do not advance to honours in psychology may take the first, second and third year courses in psychology.

Students wishing to pursue careers in research and teaching in psychology undertake graduate studies leading to the award of the degree of PhD. Professional training at the graduate level is available in the Master of Psychology (8250) and the Master of Science (Psychology) (8255) courses.

### Zoology

Zoology is the study of the structure, function, classification, genetics, evolution, habits and distribution of animals and their relationship to each other and to the environment. The courses leading to a science degree in Zoology are dependent on adequate background in biometry and biochemistry. A major is usually taken in general zoology in the Science and Mathematics course (3970) but provision is made for specialization in evolutionary studies, ecology, comparative physiology, animal behaviour or entomology. Zoology may also be taken as a minor study in the Science and Mathematics course (3970).

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## Faculty of Commerce

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### Accountancy

Accountancy is concerned with the provision of information for the management of economic resources and activities. The full-time and part-time courses in Accounting, Finance and Systems, leading to the award of the degree of Bachelor of Commerce in Accountancy (3510), are complemented by concurrent studies in law, economics, information systems and finance. Students may qualify for professional recognition in accountancy, and by their selection from a wide range of electives acquire an additional specialization in information systems, finance or business administration.

The subject, Accounting and Financial Management, is an element in the courses in Economics (3530), Economic History (3590), Econometrics (3560), combined Economics/Econometrics (3580), Industrial Relations (3550), and Marketing (3490). Accounting and Financial Management is also one of the specializations in the combined Commerce/Law course (4730).

There are two formal graduate courses, the Master of Commerce (Honours) (2630), which involves both research and course work and the Master of Commerce (8470), which is confined to course work.

### Economics

Economics is the study of how economic systems work and of the general economic principles that emerge. While economic theory may be studied in isolation, its applications must take account of political, social, legal and moral constraints and implications. Both theory and applications are considered in all the specializations offered by the School of Economics. There are full-time and part-time courses leading to the award of the degree of Bachelor of Commerce in Economics (3530), Econometrics (3560), Economics/Econometrics (3580), Economic History (3590) and Industrial Relations (3550). Economics, economic history and industrial relations are also major studies in the Arts course (3400). The School also offers a full-time course leading to the award of the Bachelor of Commerce Diploma in Education in Economics (3535) or Economic History (3595). There are full-time courses leading to the award of the combined degree of Bachelor of Commerce/Bachelor of Laws in Economics (4750) and in Industrial Relations (4750).

There are several formal graduate courses: the Master of Commerce (Honours) by research and course work in Economic History (2590), Econometrics (2600), Economics (2640) and Industrial Relations (2540); and the Master of Commerce by course work alone (8470).

### Marketing

Marketing is a management discipline concerned with the study of exchange processes involving organizations and individuals. The techniques of other disciplines such as accountancy, economics, mathematics, sociology and psychology all contribute to it. The School of Marketing offers full-time and part-time courses (3490), leading to the award of the degree of Bachelor of Commerce. As the first year courses in Accounting and Financial Management, Econom-

ics and Marketing are similar, transfers can usually be arranged at the end of first year without loss of standing. The School also offers a full-time course leading to the award of the combined degree of Bachelor of Commerce/Bachelor of Laws in Marketing (4710).

There are two formal graduate courses: the Master of Commerce (Honours) (2530) by research and course work and the Master of Commerce (8470) by course work alone.

### Organizational behaviour

Organizational Behaviour is the study of organizations as human systems. The concepts of the social and behavioural sciences, particularly sociology and psychology, are used to analyse behaviour within organizations and between organizations and their environments. There are full-time and part-time graduate courses in organizational behaviour, leading to the award of the Master of Commerce (Honours) (2525) degree by research and course work and the Master of Commerce (8470) degree by course work alone. Several of the graduate subjects are also required for masters programs in other schools.

### The Japanese Economic and Management Studies Centre

The Centre conducts external seminar series and lecture meetings for Australian business executives interested in trade with Japan, and for Australian executives of Japanese companies operating in Australia. The centre administers on behalf of the University the Visiting Scholar Exchange Scheme with Keio University, under which there is a regular annual exchange of scholars between the two universities on short term visits. The Centre fosters research activities within the Faculty by providing research assistance and making facilities available to Faculty members through the framework of a Research Associate Group, and by arranging publication of research in Japanese economic and management studies from time to time.

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## Faculty of Engineering

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There are four Schools offering undergraduate courses: the Schools of Civil Engineering, Electrical Engineering and Computer Science, Mechanical and Industrial Engineering, and Surveying. Students may obtain their Bachelor of Engineering, Bachelor of Surveying or Bachelor of Surveying Science degree by full-time study, by part-time study, or by a combination of full-time and part-time study. The BE in Electrical Engineering and the BSurv degree courses may also be taken in a sandwich form by alternating periods of employment.

The School of Nuclear Engineering, the Centres for Biomedical Engineering and for Remote Sensing offer graduate courses only. The Graduate School of Engineering co-ordinates the graduate activities in engineering. The Master of Engineering Science is a faculty-wide degree embracing the Schools of Civil Engineering, Electrical Engineering and Computer Science, Mechanical and Industrial Engineering, Nuclear Engineering and the Centre for Remote Sensing.

This course allows for flexibility of choice between formal course work and research, together with the possibility of interdisciplinary studies.

The Faculty also offers master degree courses in Biomedical Engineering (8660), Safety Science (8670) and Surveying (7220), as well as a series of Graduate Diploma courses in the following: Highway Engineering (5430), Human Communication (5440), Surveying (5490), Transport (5460), Engineering Developments (5471 to 5478), Remote Sensing (5495) and Safety Science (5480).

### Civil Engineering

The profession of civil engineering is concerned with the conception, planning, design, construction and operation of works performed for the use and convenience of man, such as roads, railways, bridges, building structures, tunnels, air-fields and water supply and sewerage systems, dams, flood mitigation, harbours and irrigation systems. The civil engineer must weigh economic considerations with function, aesthetics and effect on the environment. The profession of civil engineering includes specialists such as structural engineers, geotechnical engineers, public health engineers, local government engineers, construction engineers, project management engineers and transport engineers.

The undergraduate course leading to the award of the BE (3620) degree covers the essential engineering and science subjects which give a strong background in engineering principles and practice, including: structural, water, environmental, materials, foundation, transport and systems engineering; engineering economics; construction and project management. It may be taken full-time, part-time or by a combination of the two. Selected students may undertake a five-year full-time combined course (3730) leading to the award of the degrees of Bachelor of Science Bachelor of Engineering. There are formal graduate courses leading to the award of the degree of Master of Engineering Science (8610), and also the Graduate Diploma in Engineering Developments (5471). Opportunities are provided for graduate research leading to the award of the degrees of Master of Engineering (2650) and Doctor of Philosophy (1630).

### Electrical Engineering and Computer Science

The nature of the study is indicated by the names of the departments of the School: Communications, Computer Science, Electric Power Engineering, Electronics, and Systems and Control. There are three degree courses: the BE (3640) and the two combined courses of BE BSc (3725) and BE BA (3720). Courses include basic science and engineering science subjects as well as professional engineering subjects, ie electronics, communications, control, circuit theory, field theory, electrical machines, power systems and computer science. Computer science is also a major or minor study in the Science and Mathematics course (3970) and the BA degree course (3400).

Two formal graduate courses are offered: the Master of Engineering Science (8500) and the Graduate Diploma in Engineering Developments (5473). Opportunities are provided for graduate research leading to the award of the degrees of Master of Engineering (2661) and Doctor of Philosophy (1641).

### Mechanical and Industrial Engineering

Mechanical and industrial engineering are broadly based disciplines including Aeronautical Engineering (3610), Industrial Engineering (3660), Mechanical Engineering (3680), and Naval Architecture (3700). The work of the engineer in all four areas is mutually complementary. The School offers undergraduate courses leading to the award of the BE degree, full-time and part-time. The School also offers combined courses leading to the award of the degree of Bachelor of Engineering in Aeronautical Engineering/Bachelor of Science (3611), Bachelor of Engineering in Industrial Engineering/Bachelor of Science (3661), Bachelor of Engineering in Mechanical Engineering/Bachelor of Science (3681) and Bachelor of Engineering in Naval Architecture/Bachelor of Science (3701). Featured in course studies are: thermal systems, fluid mechanics and machinery, properties of materials, stress analysis, dynamics of machines, automatic control, engineering design, computing, economic analysis, manufacturing and management. A strong emphasis is placed on engineering design including creative thinking, decision making and communications.

Formal graduate courses are offered: the Master of Engineering Science in Industrial Engineering (8530) and in Mechanical Engineering (8540), and the Graduate Diploma in Engineering Developments (Industrial Engineering (5475) and Mechanical Engineering (5476)). Opportunities are provided for graduate research leading to the award of the degrees of Master of Engineering (2680 and 2690) and Doctor of Philosophy (1660).

### Nuclear Engineering

Nuclear engineering is concerned with the special engineering, safety and environmental problems arising from the release of energy and the production of radioactive materials in nuclear reactors. It covers the design, assessment, operation, regulation and utilization of reactors for power generation and process heat, and of the associated fuel supply and radioactive waste disposal facilities, with regard to the fundamental nuclear, thermal, hydraulic and structural aspects, and the local and global risk implications.

Two formal courses leading to the award of the Master of Engineering Science (8550) degree and also the Graduate Diploma in Engineering Developments (5477) are available. Suitably qualified candidates are accepted for research programs leading to the award of the degree of Master of Engineering (2700), Master of Science (2785) or Doctor of Philosophy (1670).

### Surveying

Surveying includes the fundamental subjects of mathematics, physics and engineering and adds to them the study of geodesy, photogrammetry, astronomy, and land studies. The Bachelor of Surveying degree course is so structured that it may be taken either as a four-year full-time course or in a sandwich form which may be completed within a maximum period of seven years. It is designed to provide the graduate with a wide and informed career choice in surveying and related disciplines.

The Bachelor of Surveying Science degree course is a four-year full-time course. It contains a strong core of surveying subjects and includes also a wide choice of electives to

enable a student to obtain at undergraduate level a greater depth of knowledge in one or more of the several specializations associated with surveying. Formal graduate courses lead to the award of the degree of Master of Surveying Science (8650) and of the graduate diploma in Surveying (5490), and opportunities are provided for graduate research leading to the award of the degrees of Master of Surveying (2720) and Doctor of Philosophy (1680).

### Biomedical Engineering

Biomedical Engineering is an interdisciplinary activity involving the application of engineering techniques and analysis to problem solving in the life sciences.

The Centre offers formal graduate programs leading to the award of the degree of Master of Biomedical Engineering (8600) and a Graduate Diploma in Engineering Developments (5472). Opportunities are provided for graduate research leading to the award of the degrees of Master of Science (2795) and Doctor of Philosophy (1710). The MBiomedE degree course is designed to cater for students with either a medical or engineering/science background. Initially, students with a medical background study basic engineering subjects such as mathematics, mechanics, electronics and computing, whilst students with a non-medical background take courses in biology, physiology, anatomy, pathology and biochemistry. Later, both groups choose electives from biomechanics, biophysics, biomaterials, medical instrumentation and mass transfer in medicine, as well as undertaking a research project.

### Remote Sensing

Remote Sensing is the science of obtaining information about the earth's surface using electromagnetic imaging systems mounted on aircraft and space platforms. It includes using such sensing devices as photographic cameras, multispectral scanners, imaging radiometers, active radar systems and atmospheric probing instruments.

The Centre offers graduate programs leading to the award of the degree of Master of Engineering Science (8560) or Master of Applied Science (8026) or to the Graduate Diploma in Remote Sensing (5026 or 5495) in addition to and supervision for the degree of Doctor of Philosophy. Students from a wide variety of backgrounds can undertake the programs which may include engineering, geography, geology, surveying, planning, biology and agricultural or environmental sciences.

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## Faculty of Law

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### Law

Law, as a system of authority and regulation in society, must respond to social needs and changes. The Law School, as well as fulfilling its more traditional role of providing training for professional legal practice, seeks to produce roundly educated men and women ready to adapt to continuing change and sensitive to social issues.

The School offers a full-time combined course in Jurisprudence/Law (4780), leading to the award of the degrees of BJuris LLB, and this provides the most comprehensive legal education. Combined courses are also available in Arts/Law (4760), Commerce (Accounting, Finance and Systems)/Law (4730), Commerce (Economics)/Law (4740), Commerce (Industrial Relations)/Law (4750), Commerce (Marketing)/Law (4710) and Science/Law (4770). There is also a full-time Bachelor of Laws degree course (4790) available only to graduates or graduands; and a Bachelor of Jurisprudence degree course (4720), which does not lead to a professional qualification but which provides a basic knowledge of law by the study of selected legal subjects, plus legally relevant subjects from other faculties. As full-time study of Law is desirable, only one degree course the LLB (4790), may be taken part-time, and enrolment in this is limited.

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## Faculty of Medicine

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Within the Faculty of Medicine the nine Schools listed below contribute to the Bachelor of Medicine Bachelor of Surgery course (3800), the combined Science and Medicine course (3820) and also offer graduate courses. The Faculty of Biological Sciences and the Board of Studies in Science and Mathematics provide courses or components of courses in biochemistry, microbiology, physics and chemistry in the Bachelor of Medicine Bachelor of Surgery course and the combined Science and Medical course.

Medical students who have successfully completed at least the first two years of the medical course and who have achieved a high standard in their studies may interrupt their course to pursue a one-year program of supervised research leading to the award of the degree of Bachelor of Medical Science (3830).

In the five-year medical course the disciplines listed below are taught in an integrated manner wherever possible.

### Anatomy

Anatomy is the science of the macroscopic and microscopic structure of the human body and of its function and development. Anatomy is taught in Anatomy I, Human Structure and Function II and Medical Science in the Bachelor of Medicine Bachelor of Surgery degrees course (3800). Anatomy may also be taken as a major study in the combined Science and Medicine Course (3820).

### Community Medicine

Community Medicine is concerned with the study of community health and with the medical sciences in the community. The subject entitled Community Medicine covers community medicine, family medicine and general practice; health services administration; medical law and ethics, preventive medicine and epidemiology; rehabilitation medicine, human genetics; medical statistics.

The School teaches in the subjects Introductory Clinical and Behavioural Studies and Human Behaviour II in the Bachelor

of Medicine Bachelor of Surgery degrees course (3800). It teaches Community Medicine in the Bachelor of Medicine Bachelor of Surgery degrees course and the combined Science and Medicine course (3820).

### Medicine

Medicine deals with the diagnosis and treatment of disease and involves history taking, physical examination of patients and the interpretation of symptoms, signs and laboratory data in terms of altered structure and function. Stress is placed on the preventive, social, environmental, genetic and personality factors in disease processes.

The School of Medicine contributes to the teaching of Clinical Studies, Integrated Clinical Studies and Medical Science in the Bachelor of Medicine Bachelor of Surgery degrees course (3800) and the combined Science and Medicine course (3820).

### Obstetrics and Gynaecology

Obstetrics and gynaecology are the branches of medical science dealing respectively with the management of pregnancy and labour and with the functions and physical problems peculiar to women.

The School teaches the subject entitled Obstetrics and Gynaecology and teaches in Clinical Studies in the Bachelor of Surgery degree course (3800) and the combined Science and Medicine course (3820).

### Paediatrics

Paediatrics is the branch of medical science dealing with the study of children: emotional and physical aspects of their development, newborn physiology and disease, paediatric medicine and surgery, and social aspects of paediatrics.

The School teaches the subject entitled Paediatrics and teaches in Clinical Studies and Medical Sciences in the Bachelor of Medicine Bachelor of Surgery degrees course (3800) and the combined Science and Medicine course (3820).

### Pathology

Pathology is the study of the causes and nature of disease processes, including the bodily effects of such processes. The course, which is integrated where applicable with other clinical and paraclinical disciplines in the medical curriculum, covers the principles and mechanisms of disease processes, the pathology of common and major diseases of the various anatomical systems of the body, as well as the principles of clinical-laboratory diagnostic methods. Its subject matter is covered in lectures, tutorial and histopathology classes, and in laboratory and postmortem demonstrations.

Pathology is taught in Paraclinical Science, Medical Science and Integrated Clinical Studies in the Bachelor of Medicine Bachelor of Surgery degrees course (3800) and the combined Science and Medicine course (3820).

### Physiology and Pharmacology

Physiology is the study of the manner in which organisms carry on their life processes, and pharmacology an extension of the application of physiological principles to the study of drugs and their action.

Physiology and Pharmacology are taught in Medical Biophysics, Human Structure and Function II, Paraclinical Science, Medical Science and Integrated Clinical Studies in the Bachelor of Medicine Bachelor of Surgery degrees course (3800) and the combined Science and Medicine course (3820).

### Psychiatry

Psychiatry is concerned with disorders and diseases of the mind. The course covers in particular the technique of psychiatric examination, mental subnormality, psychoneuroses, psychopathy, affective disorders, schizophrenia, alcoholism and drug addiction, mental illness associated with brain disease, epilepsy, ageing and the mental diseases of the aged, psychotherapy, psychopharmacology, methods of physical treatment, and sociotherapy.

The School teaches in the subjects Introductory Clinical Studies and Human Behaviour I, Human Behaviour II and Psychiatry in the Bachelor of Medicine Bachelor of Surgery degrees course (3800). The School also teaches Human Behaviour and Psychiatry in the combined Science and Medicine course (3820).

### Surgery

The School of Surgery contributes to the teaching of Clinical Studies, Integrated Clinical Studies and Medical Science in the Bachelor of Medicine Bachelor of Surgery degrees course (3800) and the combined Science and Medicine course (3820). Common surgical conditions are covered, with emphasis on clinical experience, including the taking of histories, clinical examination of patients and the eliciting of physical signs. Specialized aspects of surgery covered include anaesthesia, orthopaedic and traumatic surgery and the various other surgical specialties.

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## Faculty of Professional Studies

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### Education

Undergraduate studies in the School of Education provide part of the teacher education program in several courses: the Bachelor of Arts Diploma in Education (3410), the Bachelor of Science Diploma in Education in Mathematics Education (4070) and Science Education (4080) and the Bachelor of Science (Industrial Arts) Diploma in Education (3320). The education subjects in these courses involve foundation studies in the philosophy of education, educational psychology, sociology of education, and methods of teaching and curriculum studies, together with teaching practice.

There are three formal graduate courses, the Master of Education (8910), the Master of Educational Administration (8960) and the Diploma in Education (5560).

### Health Administration

Health Administration requires some degree of proficiency in many disciplines: architecture, law, public health, economics, statistics, political science, management science, psychology and sociology. All of these are necessary in the training of hospital and health service administrators and are

provided in the courses offered by the School of Health Administration. There are full-time and part-time (external) courses leading to the award of the degree of Bachelor of Health Administration (4040), and three formal graduate courses: the Master of Health Administration (8900) and the Master of Health Planning (8940); and the Master of Nursing Administration (8950) (the date of implementation of which is to be determined).

### Librarianship

Librarianship is concerned with all aspects of the selection, acquisition, cataloguing, indexing, storage, dissemination and retrieval of texts. In particular, librarianship seeks to identify, define and analyse theories and sound practice by which to assemble and organize items of recorded knowledge in all media, in libraries and related information centres of every kind, in accordance with the information needs of the people who use them. To these ends, the study of librarianship is focused on the problems of materials handling, on methods of indicating the origin of and intellectual contents of documents, on needs and attitudes of users of information, and on application of information processing technology and management theory. The School of Librarianship offers four programs of study: a Graduate Diploma in Information Management-Librarianship (5591), another in Information Management-Archives Administration (5601), and masters degree courses in Librarianship-Library Management (8920) and Librarianship-Information Science (8920) which provide education in broad areas of specialization beyond the basic professional level.

### Social Work

Professional social work is a world-wide occupation and discipline concerned with helping individuals, families, groups, organizations, communities and societies, to deal with social problems, and to develop more satisfying and equitable social conditions generally. The Bachelor of Social Work degree course is a preparation for the professional practice of social work. In this first professional qualification, the student gains understanding of the main dimensions of contemporary and future social work practice at the various levels and in the various fields of social work intervention. Features of the course are a problem-solving approach in the first year, and a range of electives on selected aspects of social work in the final year. An integral aspect of the program is organized learning in the field under the guidance of a field instructor, usually in a social agency. Formal study may be continued by way of the Master of Social Work degree course (8930).

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## Faculty of Science

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The Schools of the Faculty contribute programs to the Science and Mathematics course which lead to the award of the degree of Bachelor of Science. The School of Chemistry also offers a program in Pure and Applied Chemistry leading to the award of the degree of Bachelor of Science (3910) and the School of Optometry offers a course leading to the award of the degree of Bachelor of Optometry (3950).

### Chemistry

Chemistry is an essential part of the background to a wide range of science disciplines. It is the study of matter in respect of its structure at the level of individual atoms and molecules, and of the manner in which such structures can be altered by chemical reactions. A major in chemistry may be taken in the Science and Mathematics course (3970), the Pure and Applied Chemistry course (3910), and the courses in combined Science/Law (4770) and in Science Education (4080). In the BA degree course in the Faculty of Arts, Chemistry is offered as a minor study (see also **Chemical Engineering and Industrial Chemistry**). There are two formal graduate courses: the Master of Chemistry (8770) and the Diploma in Food and Drug Analysis (5510).

### Mathematics

Mathematics at an abstract level, where the emphasis is on studying and extending the theory, is Pure Mathematics. Other branches (applied mathematics, theoretical and applied mechanics, and statistics) deal with applications of mathematics. Mathematics is basic to the study of all disciplines which use quantitative methods, and to some others of a more qualitative kind. As a consequence, mathematics courses are available in nearly all Faculties of the University and are essential for courses under the control of the Board of Studies in Science and Mathematics, and the Faculties of Engineering, Applied Science and Architecture. Mathematics, of course, is also a discipline in its own right and may be studied as such or in close combination with other disciplines (eg economic planning, management and environmental studies) either in the Science and Mathematics course (3970) or the Arts course (3400). There are two formal graduate courses: a Master of Mathematics (8740) and a Master of Statistics (8750) offered by the Faculty of Science.

### Optometry

Optometry is the art and science of vision care. The School of Optometry offers the Bachelor of Optometry course (3950), the sole course in New South Wales which leads to professional qualification as an optometrist. Students may also undertake the combined course leading to the award of the degrees of Bachelor of Science Bachelor of Optometry (3951). One formal graduate course is offered: the Master of Optometry (8760).

### Physics

Physics is the fundamental natural science, and it provides the basic concepts for the development of many other sciences and of engineering: in the final analysis every area of nature falls within its domain. In this University the chief research interest is directed towards understanding the behaviour of solids. Research is also undertaken in astronomy, atomic physics, biophysics, crystallography, acoustics and solar energy. In addition to the central activities of the School there are two departments. The Applied Physics Department is concerned with the application of physical science to the solution of technological problems, notably in regard to materials and to instrumentation (measurement science). The Theoretical Physics Department is concerned with the refinement and extension of existing theories and their appli-

cation to experimental results, as well as the development of new theories.

As well as the main program of study in physics, programs are also available in applied physics or theoretical physics within the Science and Mathematics Course (3970).

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## Australian Graduate School of Management

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Graduate courses in management leading to the award of the degree of Master of Business Administration (8350) or Master of Public Administration (8360) are offered by the Australian Graduate School of Management. Normally of two full-time years, these courses provide an environment for a symbiotic relationship between tomorrow's business and public sector managers. The research degree of Doctor of Philosophy is also available. The degree normally involves at least three years of full-time study on a research project. The AGSM also provides continuing education facilities for managers and through activities in this area, maintains close contact with contemporary management. These activities include the *Development Program for Managers* which is a residential course broadly designed to prepare executives for the responsibilities of general management; *Short Courses*, on specific topics or functional areas of management in which the School has special expertise; *Seminars*, of a more exploratory nature.

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## Board of Studies in Science and Mathematics

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The Board supervises the Science and Mathematics course (3970) in which are offered programs containing units presented by the Schools of the Faculty of Biological Sciences, the Schools of the Faculty of Science as well as the following Schools from other Faculties: Applied Geology, Chemical Engineering and Industrial Chemistry, Geography, Metallurgy (Applied Science); History and Philosophy of Science, Philosophy (Arts); Accountancy, Economics (Commerce); Electrical Engineering and Computer Science, Mechanical and Industrial Engineering (Engineering); Anatomy, Community Medicine, Pathology, Physiology and Pharmacology (Medicine); Education (Professional Studies); and the Department of General Studies (Board of Studies in General Education). Additional programs are available in chemical physics, genetics and marine sciences.

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## Board of Studies in General Education

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### General Studies

A distinctive feature of undergraduate courses in all faculties other than Arts and Law is the inclusion of elective subjects of a general educational character outside the student's field

of specialization. Students enrolled in these courses may choose from a wide range of electives in the humanities, social sciences and the arts with opportunity being given for interdisciplinary studies and for students to devise their own program of study in these fields.

Graduate courses are available, leading to the award of the degrees of Doctor of Philosophy (1920) and Master of General Studies by course work (9100), or by research only (2430).

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## Professorial Board

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### Medical Education

The School of Medical Education offers graduate studies leading to the award of the Master of Health Personnel Education degree (9000) by formal course work and project, or by research thesis (2885), and a Doctor of Philosophy (1840) by research. These studies are directed towards the improvement of both the organization and the teaching in institutions responsible for training students in the health professions. Consequently, participants in this program are usually the teachers of such students.

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## Identification of Subjects by Number

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A subject is defined by the Professorial Board as 'a unit of instruction approved by the University as being a discrete part of the requirements for a course offered by the University'.

Each approved subject of the University is identifiable both by number and by name as this is a check against nomination of subjects other than the one intended.

Subject numbers are allocated by the Registrar and the system of allocation is based on the following guidelines:

1. The authority offering the subject, normally a School of the University, is indicated by the number before the decimal point.
2. Each subject number is unique and is not used for more than one subject title.
3. Subject numbers which have not been used for some time are not used for new subject titles.
4. Graduate subjects are indicated by a suffix 'G' to a number with three digits after the decimal point. In other subjects three or four digits are used after the decimal point.

Subjects taught are listed in full in the handbook of the faculty or board of studies responsible for the particular course within which the subjects are taken. Subject descriptions are contained in the appropriate section in the handbooks.

The identifying numeral prefixes for each subject authority are set out on the following page.

School, Department etc	Faculty
1 School of Physics	Science
2 School of Chemistry	Science
4 School of Metallurgy	Applied Science
5 School of Mechanical and Industrial Engineering	Engineering
6 School of Electrical Engineering and Computer Science	Engineering
7 School of Mining Engineering	Applied Science
8 School of Civil Engineering	Engineering
9 School of Wool and Pastoral Sciences	Applied Science
10 School of Mathematics	Science
11 School of Architecture	Architecture
12 School of Psychology	Biological Sciences
13 School of Textile Technology	Applied Science
14 School of Accountancy	Commerce
15 School of Economics	Commerce
16 School of Health Administration	Professional Studies
17 Biological Sciences	Biological Sciences
18 School of Mechanical and Industrial Engineering (Industrial Engineering)	Engineering
21 Department of Industrial Arts	Architecture
23 School of Nuclear Engineering	Engineering
25 School of Applied Geology	Applied Science
26 Department of General Studies	Board of Studies in General Education
27 School of Geography	Applied Science
28 School of Marketing	Commerce
29 School of Surveying	Engineering
30 Organizational Behaviour	Commerce
31 School of Optometry	Science
32 Centre for Biomedical Engineering	Engineering
35 School of Building	Architecture
36 School of Town Planning	Architecture
37 School of Landscape Architecture	Architecture
38 School of Food Technology	Applied Science
39 Graduate School of the Built Environment	Architecture
40 Professorial Board	
41 School of Biochemistry	Biological Sciences
42 School of Biotechnology	Biological Sciences
43 School of Botany	Biological Sciences

School, Department etc	Faculty
44 School of Microbiology	Biological Sciences
45 School of Zoology	Biological Sciences
46 Faculty of Applied Science	Applied Science
47 Faculty of Engineering	Engineering
48 School of Chemical Engineering and Industrial Chemistry	Applied Science
50 School of English	Arts
51 School of History	Arts
52 School of Philosophy	Arts
53 School of Sociology	Arts
54 School of Political Science	Arts
55 School of Librarianship	Professional Studies
56 School of French	Arts
57 School of Drama	Arts
58 School of Education	Professional Studies
59 Department of Russian	Arts
60 Faculty of Arts	Arts
61 Department of Music	Arts
62 School of History and Philosophy of Science	Arts
63 School of Social Work	Professional Studies
64 School of German Studies	Arts
65 School of Spanish and Latin American Studies	Arts
66 Subjects Available from Other Universities	
67 Faculty of Science	Science
68 Board of Studies in Science and Mathematics	Board of Studies in Science and Mathematics
70 School of Anatomy	Medicine
71 School of Medicine	Medicine
72 School of Pathology	Medicine
73 School of Physiology and Pharmacology	Medicine
74 School of Surgery	Medicine
75 School of Obstetrics and Gynaecology	Medicine
76 School of Paediatrics	Medicine
77 School of Psychiatry	Medicine
79 School of Community Medicine	Medicine
80 Faculty of Medicine	Medicine
81 Medicine/Science/Biological Sciences	Medicine
85 Australian Graduate School of Management	AGSM
90 Faculty of Law	Law
97 Division of Postgraduate Extension Studies	

Graduate Study

# Conditions for the Award of Degrees

## First Degrees

Rules, regulations and conditions for the award of first degrees are set out in the appropriate Faculty Handbooks.

For the list of undergraduate courses and degrees offered see *Disciplines of the University: Table of Courses (by faculty): Undergraduate Study*, earlier in the Calendar.

## Higher Degrees

Conditions for the award of doctorates, and masters degrees and graduate diplomas are set out in *Conditions for the Award of Higher Degrees* in the appropriate Faculty Handbooks and/or later in this section.

The following is the list of higher degrees and graduate diplomas of the University, together with the publication in which the conditions for the award appear.

For the list of graduate degrees by research and course work, arranged in faculty order, see *Disciplines of the University: Table of Courses (by faculty): Graduate Study* earlier in the Calendar.

For the statements *Preparation and Submission of Project Reports and Theses for Higher Degrees and Policy with respect to the Use of Higher Degree Project Reports and Theses* see later in this section.

	Title	Abbreviation	Calendar/Handbook
Higher Degrees	Doctor of Science	DSc	Calendar
	Doctor of Letters	DLitt	Calendar
	Doctor of Laws	LLD	Calendar

Title	Abbreviation	Calendar/Handbook
Doctor of Medicine	MD	Calendar Medicine
Doctor of Philosophy	PhD	Calendar and all handbooks
Master of Applied Science	MAppSc	Applied Science
Master of Architectural Design	MArchDes	Architecture
Master of Architecture	MArch	Architecture
Master of Archives Administration	MArchivAdmin	Professional Studies
Master of Arts	MA	Arts Military Studies
Master of Biomedical Engineering	MBiomedE	Engineering
Master of Building	MBuild	Architecture
Master of the Built Environment (Building Conservation)	MEnv	Architecture
Master of Business Administration	MBA	AGSM
Master of Chemistry	MChem	Sciences*
Master of Commerce (Honours)	MCom(Hons)	Commerce
Master of Commerce	MCom	Commerce
Master of Education	MEd	Professional Studies
Master of Educational Administration	MEdAdmin	Professional Studies
Master of Engineering	ME	Applied Science Engineering Military Studies
Master of Engineering <i>without supervision</i>		
Master of Engineering Science	MEngSc	Engineering Military Studies
Master of Environmental Studies	MEnvStudies	Applied Science
Master of General Studies	MGenStud	General Studies
Master of Health Administration	MHA	Professional Studies
Master of Health Personnel Education	MHPED	Medicine
Master of Health Planning	MHP	Professional Studies
Master of Industrial Design	MID	Architecture
Master of Landscape Architecture	MLArch	Architecture
Master of Laws	LLM	Law
Master of Librarianship	MLib	Professional Studies
Master of Mathematics	MMath	Sciences*
Master of Nursing Administration	MNA	Professional Studies
Master of Optometry	MOptom	Sciences*
Master of Paediatrics	MPaed	Medicine
Master of Physics	MPhysics	Sciences*
Master of Psychology	MPsychol	Sciences§
Master of Public Administration	MPA	AGSM
Master of Safety Science	MSafetySc	Engineering
Master of Science	MSc	Applied Science Architecture Engineering Medicine Military Studies Sciences*§
Master of Science <i>without supervision</i>		

**Higher Degrees  
(continued)**

Title	Abbreviation	Calendar/Handbook
Master of Science (Acoustics)	MSc(Acoustics)	Architecture
Master of Science and Society	MScSoc	Sciences*
Master of Science (Biotechnology)	MSc(Biotech)	Sciences§
Master of Science (Building)	MSc(Building)	Architecture
Master of Science (Industrial Design)	MSc(IndDes)	Architecture
Master of Science (Psychology)	MSc(Psychol)	Sciences§
Master of Social Work	MSW	Professional Studies
Master of Statistics	MStats	Sciences*
Master of Surgery	MS	Medicine
Master of Surveying	MSurv	Engineering
Master of Surveying <i>without supervision</i>		
Master of Surveying Science	MSurvSc	Engineering
Master of Town Planning	MTP	Architecture

**Graduate Diplomas**

Graduate Diploma	GradDip	Applied Science Architecture Engineering Sciences*§ Sciences*
	DipFDA	
	DipEd	Professional Studies
	DipIM-ArchivAdmin	
	DipIM-Lib	

\*Faculty of Science.

§Faculty of Biological Sciences.

**Doctor of Science (DSc)**

**1.** The degree of Doctor of Science may be granted by the Council on the recommendation of the Professorial Board for an original contribution (or contributions) of distinguished merit to some branch of science\*.

**2.** A candidate for the degree of Doctor of Science shall hold a degree of the University of New South Wales or shall have been admitted to the status of such a degree.

A candidate who holds a degree of another approved university may present for the degree of Doctor of Science in the University of New South Wales provided that the candidate has been engaged in advanced study and research in the University for a period of not less than four years.

No candidate may present for the degree of Doctor of Science until ten years after the award of the original degree.

**3.** The degree shall be awarded on the published work\*\* of the candidate.

**4.** A candidate for the degree shall forward to the Registrar an application together with:

(1) Four copies (wherever possible) of the work referred to in paragraph **3**.

(2) A declaration indicating those sections of the work, if any, which have been submitted previously for a degree or other award in any university.

\*For these purposes 'Science' includes applied sciences and associated technologies.

\*\*In these rules, the term 'published work' shall mean printed as a book or in a periodical or as a pamphlet readily available to the public. The purpose of requiring publication is to ensure that the work submitted has been available for criticism. The examiners may disregard any of the work submitted if, in their opinion, it has not been available for criticism.

5. In submitting published work, every candidate shall submit a short discourse describing the research activities embodied in the submission. The discourse shall make clear the extent of originality and the candidate's part in any collaborative work.

6. The discourse and list of published work shall be forwarded by the Registrar to the Research and Higher Awards Committee, who shall recommend to the Professorial Board which Faculty or Board of Studies Higher Degree Committee shall conduct the examination or whether a committee should be appointed by the Professorial Board for the purpose.

7. On receipt of a report from the appropriate committee (that is, the Higher Degree Committee of the appropriate Faculty or Board of Studies or the Committee appointed by the Professorial Board) that the work referred to in paragraph 3. above is *prima facie* worthy of examination, the work shall be submitted to three examiners appointed by the Professorial Board on the recommendation of the committee. The examiners may require the candidate to answer orally or in writing any questions concerning the work.

8. On receipt of the report from the appropriate committee that the work referred to in paragraph 3. is *prima facie* worthy of examination, a candidate shall be required to pay such fees as determined by council.

1. The degree of Doctor of Letters may be granted by the Council on the recommendation of the Professorial Board for an original contribution for contributions) of distinguished merit to Letters.

2. A candidate for the degree of Doctor of Letters shall hold a degree of the University of New South Wales or shall have been admitted to the status of such a degree.

A candidate who holds a degree of another approved university may present for the degree of Doctor of Letters in the University of New South Wales provided that the candidate has been engaged in advance study and research in the University for a period of not less than four years.

No candidate may present for the degree of Doctor of Letters until ten years after the award of the original degree.

3. The degree shall be awarded on the published work\*\* of the candidate.

4. A candidate for the degree shall forward to the Registrar an application together with:

(1) Four copies (wherever possible) of the work referred to in paragraph 3.

(2) A declaration indicating those sections of the work, if any, which have been submitted previously for a degree or other award in any university.

5. In submitting published work, every candidate shall submit a short discourse describing the work embodied in the submission. The discourse shall make clear the extent of originality and the candidate's part in any collaborative work.

6. The discourse and list of published work shall be forwarded by the Registrar to the Research and Higher Awards Committee, who shall recommend to the Professorial Board which Faculty or Board of Studies Higher Degree Committee shall conduct the examination or whether a committee should be appointed by the Professorial Board for the purpose.

7. On receipt of a report from the appropriate committee (that is, the Higher Degree Committee of the appropriate Faculty or Board of Studies or the Committee appointed by the Professorial Board) that the work referred to in paragraph 3. above is *prima facie* worthy of examination, the work shall be submitted to three examiners appointed by the Professorial Board on the recommendation of the committee. The examiners may require the candidate to answer orally or in writing any questions concerning the work.

## Doctor of Letters (DLitt)

\*\*See this footnote earlier in this section.

8. On receipt of the report from the appropriate committee that the work referred to in paragraph 3. is *prima facie* worthy of examination, a candidate shall be required to pay such fees as determined by Council.

## Doctor of Laws (LLD)

1. The degree of Doctor of Laws may be granted by the Council on the recommendation of the Professorial Board for an original contribution (or contributions) to legal learning of such merit that it has achieved or is likely to achieve general recognition by scholars in the field.

2. A candidate for the degree of Doctor of Laws shall hold a degree of the University of New South Wales or shall have been admitted to the status of such a degree.

A candidate who holds a degree of another approved university may present for the degree of Doctor of Laws in the University of New South Wales provided that the candidate has been engaged in advanced study and research in the University for a period of not less than two years.

Except with the consent of the Professorial Board, no candidate shall present for the degree of Doctor of Laws until six years after the award of the original degree.

3. The degree shall be awarded on the published work\*\* of the candidate.

4. A candidate for the degree shall forward to the Registrar an application together with:

- (1) Four copies (wherever possible) of the work referred to in paragraph 3.
- (2) A declaration indicating those sections of work, if any, which have been submitted previously for a degree or other award in any university.

5. In submitting published work, every candidate shall submit a short discourse describing the research activities embodied in the submission. The discourse shall make clear the extent of the originality of the candidate's part in any collaborative work.

6. The discourse and list of published work shall be forwarded by the Registrar to the Research and Higher Awards Committee who shall recommend to the Professorial Board whether a committee shall be appointed by the Professorial Board for the purpose.

7. On receipt of a report from the appropriate committee (that is, the Faculty of Law Higher Degree Committee or the Committee appointed by the Professorial Board) that the work referred to in paragraph 3. above is *prima facie* worthy of examination, the work shall be submitted to three examiners appointed by the Professorial Board on the recommendation of the Committee. The examiners may require the candidate to answer orally or in writing any questions concerning the work.

8. On receipt of the report from the appropriate committee that the work referred to in paragraph 3. is *prima facie* worthy of examination a candidate shall be required to pay such fees as determined by Council.

## Doctor of Medicine (MD)

1. The degree of Doctor of Medicine may be granted by the Council on the recommendation of the Higher Degree Committee of the Faculty of Medicine (hereinafter referred to as the Committee) to a candidate who has made an original and meritorious contribution to some branch of medicine.

A candidate may be awarded the degree on the basis of a thesis or on the basis of published work\*\*.

### Qualifications

2. A candidate for the degree of Doctor of Medicine shall:

\*\*See this footnote earlier in this section

- (1) hold the degrees of Bachelor of Medicine and Bachelor of Surgery with honours from the University of New South Wales with at least five years' standing; or
- (2) hold the degrees of Bachelor of Medicine and Bachelor of Surgery and either Bachelor of Science or Bachelor of Medical Science or Bachelor of Science (Medicine) from the University of New South Wales with at least five years' standing in respect of the degrees of Bachelor of Medicine and Bachelor of Surgery; or
- (3) hold the degrees of Bachelor of Medicine and Bachelor of Surgery with at least five years' standing from the University of New South Wales but without honours and submit such other evidence in support of the candidature as may be acceptable to the Committee; or
- (4) hold the degrees of Bachelor of Medicine and Bachelor of Surgery with honours from an approved university other than the University of New South Wales with at least five years' standing and have been associated with the University of New South Wales or one of its teaching hospitals for a period of at least six sessions; or
- (5) in other cases, submit such evidence of general and professional qualifications in support of the candidature as may be acceptable to the Committee.

**3.** Notwithstanding any other provisions of these conditions the Committee may require an applicant to demonstrate fitness for candidature by carrying out such work and sitting for such examinations as the Committee may determine.

## Award of Degree by Thesis Registration.

**4.** A candidate who elects to proceed to the degree of Doctor of Medicine by thesis shall lodge an application with the Registrar on the prescribed form:

- (1) within six to nine months before the intended date of submission of the thesis if the candidate seeks to register as an external candidate proceeding to the degree without supervision; or
- (2) at least one month before the commencement of the session in which the candidature is to begin in all other cases.

**5.** An approved applicant shall be registered in one of the following categories:

- (1) full-time candidature: a candidate who is fully engaged in advanced study and research at the University or at one of its teaching hospitals;
- (2) part-time candidature: a candidate whose occupation leaves the candidate substantially free to pursue a program of advanced study and research at the University or at one of its teaching hospitals;
- (3) external candidature: a candidate who is engaged in advanced study and research away from the University or one of its teaching hospitals.

**6.** If a candidate for the degree by thesis is not a graduate of the University of New South Wales, the greater proportion of the work described must have been carried out in the University or in one of its teaching hospitals, save that in special cases the Committee may permit a candidate to conduct the work at other places where special facilities not possessed by the University may be available or where the subject of the research is uniquely located; such permission will be granted only if the candidate spends such period of time within the University and under such supervision as may be determined by the Committee.

**7.** A candidate shall work under such supervision as the Committee may determine.

**8.** The progress of a candidate shall be reviewed annually by the Committee. As a result of such review, and the recommendation of the head of school\* in which the candidate is registered, the Committee may terminate the candidature or take such other action as is considered appropriate.

**9.** A candidate who is fully engaged in research for the degree shall present for examination not later than ten academic sessions from the date of registration. A candidate not fully engaged in research shall present for examination not later than twelve academic sessions from the date of registration. In special cases an extension of these times may be granted by the Committee.

\*Or department where a department is not within a school.

- Thesis**
- 10.** The thesis shall comply with the following requirements:
- (1) it must be an original and meritorious contribution to knowledge of the subject;
  - (2) it must be written in English and reach a satisfactory standard of expression and presentation;
  - (3) it must consist of the candidate's own account of the research; in special cases work done conjointly with other persons may be accepted provided the Committee is satisfied on the candidate's part in the joint research.
- 11.** A candidate may not submit as the main content of the thesis any work or material which has previously been submitted for a university degree or other similar award.
- 12.** All copies of the thesis shall contain a short abstract of the thesis comprising not more than 350 words which, *inter alia*, shall indicate wherein the thesis has made an original contribution and its significance to medicine.
- 13.** Four copies of the thesis shall be presented in a form which complies with the requirements of the University for the preparation and submission of higher degree theses. The candidate may also submit any work previously published whether or not such work is related to the thesis.
- 14.** It shall be understood that the University retains the four copies of the thesis submitted for examination and is free to allow the thesis to be consulted or borrowed. Subject to the provisions of the Copyright Act, 1968, the University may issue the thesis in whole or part, in photostat or microfilm or other copying medium.
- Examination**
- 15.** There shall normally be three examiners of the thesis, appointed by the Professorial Board on the recommendation of the Committee, at least two of whom shall be external to the University.
- 16.** After examining the thesis each examiner shall submit to the Committee a concise report on the merits of the thesis and shall recommend to the Committee that:
- (1) the candidate be awarded the degree without further examination; or
  - (2) the candidate be awarded the degree without further examination subject to minor corrections as listed being made to the satisfaction of the head of school\*; or
  - (3) the candidate be awarded the degree subject to a further examination on questions posed in the report, performance in this further examination being to the satisfaction of the Committee; or
  - (4) the candidate be not awarded the degree but be permitted to resubmit the thesis in a revised form after a further period of study and/or research; or
  - (5) the candidate be not awarded the degree and be not permitted to resubmit the thesis.
- Award of Degree by Published Work**
- 17.** Where a candidate elects to proceed to the degree on the basis of published work an application shall be lodged with the Registrar on the prescribed form. With such application the candidate shall forward:
- (1) four copies (wherever possible) of the published work;
  - (2) any additional work, published or unpublished, which a candidate may wish to submit in support of the application;
  - (3) a declaration indicating those sections of the work, if any, which have been submitted previously for a university degree or other similar award.
- 18.** Every candidate in submitting published work and such unpublished work as is deemed appropriate shall submit a short discourse describing the research activities embodied in the submission. The discourse shall make clear the extent of the originality and the candidate's part in any collaborative work.
- 19.** There shall normally be three examiners of the work, appointed by the Professorial Board on the recommendation of the Committee, at least two of whom shall be external to the University. The examiners may require the candidate to answer orally or in writing any questions concerning the work.

\*Or department where a department is not within a school.

**20.** At the conclusion of the examination each examiner shall submit a concise report to the Committee on the merits of the published work and a recommendation as to whether the degree should be awarded.

**21.** A candidate shall be required to pay such fees as may be determined from time to time by the Council.

**Fees**

**1.** The degree of Doctor of Philosophy may be granted by the Council on the recommendation of the Professorial Board to a candidate who has made an original and significant contribution to knowledge and who has satisfied the following requirements:

**Doctor of Philosophy  
(PhD)**

**2.** A candidate for registration for the degree of Doctor of Philosophy shall:

**Qualifications**

- (1) hold an honours degree from the University of New South Wales; or
- (2) hold an honours degree or equivalent standing from another approved university; or
- (3) if the candidate holds a degree without honours from the University of New South Wales or other approved university, have achieved by subsequent work and study a standard recognised by the Higher Degree Committee of the appropriate faculty or board of studies (hereinafter referred to as the Committee) as equivalent to honours; or
- (4) in exceptional cases, submit such other evidence of general and professional qualifications as may be approved by the Professorial Board on the recommendation of the Committee.

**3.** When the Committee is not satisfied with the qualifications submitted by a candidate, the Committee may require the candidate, before being permitted to register, to undergo such examination or carry out such work as the Committee may prescribe.

**4.** A candidate for registration for a course of study leading to the degree of Doctor of Philosophy shall apply to the Registrar on the prescribed form at least one calendar month before the commencement of the session in which registration is to begin.

**Registration**

**5.** Subsequent to registration the candidate shall pursue a program of advanced study and research for at least six academic sessions, save that:

- (1) a candidate fully engaged in advanced study and research for the degree, who before registration was engaged upon research to the satisfaction of the Committee, may be exempted from not more than two academic sessions;
- (2) in special circumstances the Committee may grant permission for the candidate to spend not more than one calendar year of the program in advanced study and research at another institution provided that the work can be supervised in a manner satisfactory to the Committee;
- (3) in exceptional cases, the Professorial Board on the recommendation of the Committee may grant permission for a candidate to be exempted from not more than two academic sessions.

**6.** A candidate who is fully engaged in research for the degree shall present for examination not later than ten academic sessions from the date of registration. A candidate not fully engaged in research shall present for examination not later than twelve academic sessions from the date of registration. In special cases an extension of these times may be granted by the committee.

**7.** The candidate shall be fully engaged in advanced study and research, save that:

- (1) the Committee may permit a candidate to undertake a limited amount of University teaching or outside work which in its judgment will not interfere with the continuous pursuit of the proposed course of advanced study and research;
- (2) a member of the full-time staff of the University may be accepted as a part-time candidate for the degree, in which case the Committee shall prescribe a minimum period for the duration of the program;
- (3) in special circumstances, the Committee may, with the concurrence of the Professorial Board, accept as a part-time candidate for the degree a person who is not a member of the full-time staff of the University and is engaged in an occupation which, in its opinion, leaves

the candidate substantially free to pursue a program in a school\* of the University. In such a case the Committee shall prescribe for the duration of the program a minimum period which, in its opinion, having regard to the proportion of the time which the candidate is able to devote to the program in the appropriate University school\* is equivalent to the six sessions ordinarily required.

(4) the Committee may permit a candidate to transfer to part-time enrolment where that candidate has completed the research work, is writing the thesis, and has been registered as a full-time candidate for at least six academic sessions.

8. Every candidate shall pursue a program under the direction of a supervisor appointed by the Committee from the full-time members of the University staff. The work other than field work shall be carried out in a school\* of the University save that in special cases the Committee may permit a candidate to conduct the work at other places where special facilities not possessed by the University may be available. Such permission will be granted only if the direction of the work remains wholly under the control of the supervisor.

9. Not later than two academic sessions after registration the candidate shall submit the topic of research for approval by the Committee. After the topic has been approved it may not be changed except with the permission of the Committee.

10. A candidate may be required by the Committee to attend a formal course of appropriate study.

#### Thesis

11. On completing the course of study every candidate must submit a thesis which complies with the following requirements:

(1) the greater proportion of the work described must have been completed subsequent to registration for the PhD degree;

(2) it must be an original and significant contribution to the knowledge of the subject;

(3) it must be written in English except that a candidate in the Faculty of Arts may be required by the Faculty on the recommendation of the supervisor to write the thesis in an appropriate foreign language;

(4) it must reach a satisfactory standard of expression and presentation.

12. The thesis must present the candidate's own account of the research. In special cases work done conjointly with other persons may be accepted, provided the Committee is satisfied on the candidate's part in the joint research.

13. Every candidate shall be required to submit with the thesis a short abstract of the thesis comprising not more than 350 words.

The abstract shall indicate:

(1) the problem investigated;

(2) the procedures followed;

(3) the general results obtained;

(4) the major conclusions reached;

but shall not contain any illustrative matter, such as tables, graphs or charts.

14. A candidate may not submit as the main content of the thesis any work or material which has previously been submitted for a university degree or other similar award.

#### Entry for Examination

15. The candidate shall give in writing two months' notice of intention to submit the thesis.

16. Four copies of the thesis shall be presented in a form which complies with the requirements of the University for the preparation and submission of higher degree theses. The candidate may also submit any work previously published whether or not such work is related to the thesis.

17. It shall be understood that the University retains the four copies of the thesis submitted for examination, and is free to allow the thesis to be consulted or borrowed. Subject to the provisions of the Copyright Act, 1968, the University may issue the thesis in whole or in part, in photostat or microfilm or other copying medium.

\*Or department where a department is not within a school.

**18.** There shall normally be three examiners of the thesis appointed by the Professorial Board on the recommendation of the Committee, at least two of whom shall be external to the University.

**19.** At the conclusion of the examination each examiner shall submit to the Committee a concise report on the merits of the thesis and shall recommend to the Committee that:

- (1) the candidate be awarded the degree without further examination; or
- (2) the candidate be awarded the degree without further examination subject to minor corrections as listed being made to the satisfaction of the head of the school\*; or
- (3) the candidate be awarded the degree subject to a further examination on questions posed in the report, performance in this further examination being to the satisfaction of the Committee; or
- (4) the candidate be not awarded the degree but be permitted to resubmit the thesis in a revised form after a further period of study and/or research; or
- (5) the candidate be not awarded the degree and be not permitted to resubmit the thesis.

**20.** If the performance at the further examination recommended under Rule **19.** (3) is not to the satisfaction of the Committee the Committee may permit the candidate to re-present the same thesis and submit to a further oral, practical or written examination within a period specified by them but not exceeding eighteen months.

**21.** The Committee shall, after consideration of the examiners' reports and the reports of any oral or written or practical examination, recommend whether or not the candidate may be admitted to the degree.

**22.** A candidate shall be required to pay such fees as may be determined from time to time by the Council.

## Preparation and Submission of Project Reports and Theses for Higher Degrees

**1.** (1) Every candidate for the degree of Master in which a *report* on a project is required shall submit two copies, or three copies if a copy is to be lodged in the University Library, of the report either to the Registrar or to the candidate's Head of School. (The schedule set out below gives the requirements in this respect for each degree.)

All copies of the report shall contain a summary of the report of approximately 200 words.

(2) Every candidate for the degree of Master in which a *thesis* is required except Master of Surgery shall submit to the Registrar three copies of the thesis and supporting work. (The schedule set out below lists the masters degrees for which theses are required.)

All copies of the thesis shall include a summary of approximately 200 words and a certificate signed by the candidate to the effect that the work has not been submitted for a higher degree to any other university or institution.

(3) Every candidate for the degree of Master of Surgery shall submit to the Registrar four copies of the *thesis* and supporting work. All copies of the thesis shall include a summary of approximately 200 words and a certificate signed by the candidate to the effect that the work has not been submitted for a higher degree to any other university or institution.

\*Or department where a department is not within a school.

(4) Every candidate for the degree of Doctor of Philosophy shall submit to the Registrar four copies of the *thesis* and supporting work. All copies of the thesis shall contain a short abstract of the thesis comprising not more than 350 words. The abstract shall indicate:

- (a) the problem investigated;
- (b) the procedures followed;
- (c) the general results obtained;
- (d) the major conclusions reached;

but shall not contain any illustrative matter, such as tables, graphs or charts.

(5) Every candidate for the degree of Doctor of Medicine for which a *thesis* is required shall submit to the Registrar four copies of the thesis and supporting work.

All copies of the thesis shall contain a short abstract of the thesis comprising not more than 350 words which *inter alia* shall indicate wherein the thesis has made an original contribution and its significance to Medicine.

The abstract shall indicate:

- (a) the problem investigated;
- (b) the procedures followed;
- (c) the general results obtained;
- (d) the major conclusions reached;

but shall not contain any illustrative matter, such as tables, graphs or charts.

**2.** The specifications currently approved for higher degree project reports and theses are as follows and any variation must be approved by the supervisor in consultation with the Registrar and the University Librarian:

(1) All copies shall be in double-spaced typescript on one side of the paper only. The paper used shall be of good quality and sufficiently opaque for normal reading.

(2) The size of the paper shall approximate International Standards Organization paper size A4 (297 mm x 210 mm) or the size commonly called quarto except for illustrative material such as drawings, maps and printouts, on which no restriction is placed.

(3) The margins on each sheet shall be not less than 40 mm on the left-hand side, 20 mm on the right-hand side, 30 mm at the top and 20 mm at the bottom.

(4) There shall be a title sheet showing the title, author's name, degree and year of submission.

(5) Pages or leaves shall be numbered consecutively.

(6) Diagrams, charts, etc, must not be submitted on the back of typed sheets. Unless otherwise specifically permitted by the supervisor, diagrams, charts, etc shall be included, where possible with the text, facing the page on which reference to them is made: otherwise they must be clearly referred to in the text, numbered and folded for insertion in a pocket on the back cover of the thesis binding. All loose material shall be marked with the author's name, initials, and degree for which the work is submitted in such a way that it can readily be linked with the project or thesis. Folded diagrams or charts included in the text shall be arranged so as to open out to the top and left. Photographic prints shall be securely fixed. They shall either be printed on single weight printing paper, preferably not glazed, or mounted on cartridge paper for binding.

(7) Where permission has been obtained for the separate binding of drawings they shall be of International Standards Organization paper size A1 (841 mm x 594 mm) and shall have a margin of at least 40 mm on the left-hand side to permit binding. They shall be bound together by a row of clips on the left-hand side and shall have a clear sheet of drawing paper on top and underneath. On the top sheet shall be printed the words 'The University of New South Wales – ..... of ..... Degree' and a description of the project or thesis, and underneath that, the year of submission. On the bottom right-hand corner should be printed the name of the candidate and the School in which he has worked for the degree. Drawings may be originals on cartridge paper or black and white prints. They should be suitably coloured where appropriate and it will be permissible to add extra work in ink to original drawings.

**3.** One copy of every thesis and of certain project reports is for deposit in the University Library.

The Library deposit copy shall be presented in a permanent and legible form in original typescript, stencil copy or printed copy. A copy produced by dye line, thermofax or xerographic processes is not acceptable. It shall be bound in boards, covered with buckram. The bound volume shall be lettered on the spine as follows:

(1) At the bottom and across – UNSW, or if the volume is too thin for this – U  
NSW

(2) 70 mm from the bottom and across, with the degree and year of submission of the thesis, for example – MSc  
1970

(3) Evenly spaced between the statement of the degree and year and the top of the spine the name of the author, initials first and then the surname, reading upwards in one line.

No further lettering or any decoration is required on the spine or anywhere on the binding. In the binding of theses or project reports which include mounted photographs, folded graphs and so on, leaves at the spine shall be packed to ensure even thickness of the volume. The Library copy shall be bound by one of a panel of approved bookbinders, each of whom is aware of the University's requirements. Names of approved bookbinders may be secured from the Postgraduate Section.

A completed and signed Declaration Relating to Disposition of Thesis form shall be pasted to the inside of the front cover of the Library-deposit copy. The form may be obtained from the Postgraduate Section.

The other copies of the project report or thesis shall be bound in such a manner as allows their transmission to the examiners without possibility of their disarrangement.

**4.** A project report or thesis and other relevant work may be submitted to the Registrar at any time during the year provided the candidate has completed the minimum period of registration. In order that a successful candidate may have a reasonable chance of having the degree conferred at one of the formal degree-conferring ceremonies, the candidate should arrange for the work to be in the hands of the Registrar at least eighteen weeks prior to the date of such ceremony.

Note: All copies of the project report or thesis to be submitted by the candidate to the Registrar are to be lodged at the Student Enquiry Counter located in the Chancellery.

## Schedule

Degrees	Course Code(s)
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Degrees for which candidates are required to submit 3 copies of a thesis to the Registrar

Master of Architecture	2200-2201
Master of Archives Administration	2985
Master of Arts at honours level	2250-2400
Master of Building	2210
Master of the Built Environment – by research	2240
Master of Commerce at honours level – by thesis	2525-2640
Master of Education at honours level	2990
Master of Educational Administration at honours level	2945

**1.**

Degrees	Course Code(s)
Master of Engineering	2155-2180 2650-2700
Master of Engineering Science – by 36 credit thesis	8500-8640
Master of General Studies – by research	2430
Master of Health Administration – by research	2960
Master of Health Personnel Education – by research	2885
Master of Landscape Architecture	2220
Master of Laws	2440
Master of Librarianship – by research	2980
Master of Science	2000-2080 2205 2450-2500 2750-2850 2875-2880 2900-2930
Master of Science and Society <i>at honours level</i>	2935
Master of Social Work – by research	2970
Master of Surveying	2720
Master of Surveying Science – by 36 credit thesis	8650
Master of Town Planning	2230
<b>2. Degrees for which candidates are required to submit 3 copies of a project report to the Registrar</b>	
Master of Biomedical Engineering	8660
Master of Engineering Science – by 18 credit project report	8500-8640
Master of General Studies – by formal study	9100
Master of Industrial Design	8145
Master of Librarianship – by formal study	8920
Master of Science (Acoustics)	8100
Master of Science (Building)	8110
Master of Science (Industrial Design)	8146
Master of Surveying Science – by 18 credit project report	8650
<b>3. Degrees for which candidates are required to submit 2 copies of a project report to the Registrar</b>	
Master of the Built Environment (Building Conservation) – by formal study	8130
Master of Commerce <i>at honours level</i> – by project	2525-2640
Master of Environmental Studies	8045
<b>4. Degrees for which candidates are required to submit 3 copies of a project report to the Head of School</b>	
Master of Chemistry	8770
Master of Psychology	8250
<b>5. Degrees for which candidates may be required to submit 2 copies of a project report to the Head of School</b>	
Master of Arts	8160-8240
Master of Applied Science	8000-8040 8050-8093
Master of Architectural Design	8140
Master of Business Administration	8350
Master of Commerce	8470

Degrees	Course Code(s)
Master of Education	8910
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Master of Engineering Science – by 9 credit project	8500-8640
Master of Health Administration (new course) – by formal study	8900
Master of Health Personnel Education	9000
Master of Health Planning	8940
Master of Mathematics	8740
Master of Nursing Administration	8950
Master of Optometry	8760
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Master of Surveying Science – by 9 credit project	8650

This schedule may be varied from time to time as the University adds new courses, deletes old ones or amends the conditions of existing degrees.

**Note**

**Policy with respect to the Use of Project Reports and Higher Degree Theses**

The University holds that a project report or thesis submitted for a higher degree and retained in the Library, should be retained not only for record purposes but also, within copyright privileges of the author, should be public property and accessible for consultation at the discretion of the Librarian.

In order to ascertain the wishes of candidates for a higher degree regarding the use to which their project reports or theses may be put, they are required to complete a declaration (obtainable from the Registrar) which would **1.** grant the University Librarian permission to publish or to authorize the publication of the project report or thesis (Form 1); **2.** withhold the right of the University Librarian to publish the project report or thesis (Form 2); or **3.** allow the University Librarian to publish the project report or thesis under certain conditions (Form 3).



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This Calendar has been specially designed as a summary volume of the University's academic and administrative procedures.

It contains detailed information about the University — its organization, staff membership, description of disciplines, scholarships and prizes.

The Calendar and Handbooks also contain a summary list of higher degrees as well as the conditions for their award applicable to each volume.

For detailed information about courses, subjects and requirements of a particular faculty you should consult the relevant Faculty Handbook.

Separate Handbooks are published for the Faculties of Applied Science, Architecture, Arts, Commerce, Engineering, Law, Medicine, Professional Studies, Science (including Biological Sciences and the Board of Studies in Science and Mathematics), the Australian Graduate School of Management (AGSM) and the Board of Studies in General Education.

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