



The University of New South Wales

Calendar

Summary Volume

1983

**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

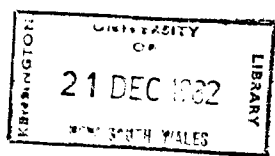
being; the open book with SCIENTIA across its page reminds us of its original purpose. Beneath the shield is the motto 'Manu et Mente', which is the motto of the Sydney Technical College, from which the University has developed. The motto is not an integral part of the Grant of Arms and could be changed 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

Calendar

Summary Volume



1983

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New South Wales is:

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The University of New South Wales Library has catalogued this work as follows:

UNIVERSITY OF NEW SOUTH WALES

Calendar. Kensington.

1949+

Annual.

378.94405

NEW

1949 issued as NEW SOUTH WALES TECHNICAL UNIVERSITY. Bulletin of Information.

1950-58 issued as NEW SOUTH WALES UNIVERSITY OF TECHNOLOGY. Calendar.

University of New South Wales – Periodicals

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 13 September 1982, 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)	7 March to 15 May May Recess: 16 May to 22 May 23 May to 19 June Midyear Recess: 20 June to 24 July
Examinations	21 June to 6 July
Session 2 (14 weeks)	25 July to 28 August August Recess: 29 August to 4 September 5 September to 6 November Study Recess: 7 November to 13 November
Examinations	14 November to 2 December
First and Second Years	As for other faculties
Third and Fourth Years	Term 1 (10 weeks) 24 January to 3 April Term 2 (9 weeks) 11 April to 15 May May Recess: 16 May to 22 May 23 May to 19 June Term 3 (9 weeks) 27 June to 28 August August Recess: 29 August to 4 September Term 4 (10 weeks) 5 September to 13 November
Fifth Year	Term 1 (8 weeks) 24 January to 20 March Term 2 (8 weeks) 28 March to 22 May Term 3 (8 weeks) 30 May to 24 July Term 4 (8 weeks) 1 August to 25 September Term 5 (8 weeks) 4 October to 27 November

The Academic Year

1983

Faculties other than Medicine

Faculty of Medicine

January 1983

S	1	New Year's Day
Su	2	
M	3	Public Holiday – New Year's Day
T	4	Last day for review of results of annual assessment 12.20 pm Australian Graduate School of Management Higher Degree Committee 2.15 pm Arts Higher Degree Committee
W	5	
Th	6	10.00 am Applied Science Higher Degree Committee
F	7	
S8/Su9		
M	10	2.15 pm Admissions Committee
T	11	
W	12	2.00 pm Commerce Higher Degree Committee
Th	13	10.00 am Research and Higher Awards Committee
F	14	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
S15/Su16		
M	17	
T	18	
W	19	2.00 pm Professional Studies Higher Degree Committee
Th	20	2.00 pm Architecture Higher Degree Committee
F	21	
S22/Su23		
M	24	Term 1 begins – Medicine III, IV and V
T	25	12.20 pm Australian Graduate School of Management Higher Degree Committee 1.20 pm Australian Graduate School of Management Executive Committee 2.00 pm Science Higher Degree Committee
W	26	2.00 pm Executive Committee of Professorial Board
Th	27	10.00 am Applied Science Executive Committee 2.00 pm Architecture Executive Committee
F	28	
S29/Su30		
M	31	Australia Day – Public Holiday

February 1983

T	1	9.00 am	Public Relations Committee of Council
		10.00 am	Professorial Board
		12 noon	Law Higher Degree Committee
		2.00 pm	Science and Mathematics Executive Committee
		2.15 pm	Student Affairs Committee of Council
		3.45 pm	Finance Sub-Committee of Council
		4.30 pm	Personnel Sub-committee of Council
W	2	2.00 pm	Commerce Higher Degree Committee
		2.00 pm	Professional Studies Higher Degree Committee
		2.30 pm	Graduation Ceremony, Medicine
Th	3	Enrolment period begins for new undergraduate students and undergraduate students repeating first year	
		10.00 am	Health Personnel Education Committee
		10.00 am	Applied Science Higher Degree Committee
F	4	9.00 am	Committee on 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
S5/Su6			
M	7	2.00 pm	Council
T	8	11.00 am	General Education Higher Degree Committee
		12.20 pm	Australian Graduate School of Management – Board of Studies
		2.15 pm	Arts Higher Degree Committee
		3.00 pm	Buildings and Equipment Committee of Council
		4.00 pm	Academic Committee of Council
W	9		
Th	10	10.00 am	Research and Higher Awards Committee
F	11	2.00 pm	Resources Allocation Advisory Committee
S12/Su13			
M	14	2.00 pm	Biological Sciences Higher Degree Committee
T	15	10.30 pm	Library Committee
		12.20 pm	Australian Graduate School of Management Higher Degree Committee
		2.00 pm	Science Higher Degree Committee
W	16	2.00 pm	Medicine Higher Degree Committee
		2.00 pm	Professional Studies Higher Degree Committee
		3.00 pm	Medicine Executive Committee
Th	17	2.00 pm	Architecture Higher Degree Committee
F	18		
S19/Su20			
M	21	Enrolment period begins for second and later year undergraduate students and graduate students enrolled in formal courses	
		2.15 pm	Admissions Committee
T	22	11.00 am	General Education Higher Degree Committee
		2.00 pm	Science Executive Committee
W	23	2.00 pm	Executive Committee of Professorial Board
		4.30 pm	Committee on Experimental Procedures Involving Human Subjects
Th	24	10.00 am	Applied Science Faculty
		2.00 pm	Architecture Faculty
F	25	10.00 am	Engineering Higher Degree Committee
S26/Su27			
M	28	Term 1 begins – Faculty of Military Studies	
		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	
		4.30 pm	Executive Committee of Council

March 1983

T	1	10.00 am	Professorial Board
		2.00 pm	Science and Mathematics Executive Committee
		2.15 pm	Arts Higher Degree Committee
W	2	2.00 pm	Professional Studies Executive Committee
		2.00 pm	Commerce Higher Degree Committee
Th	3	10.00 am	Applied Science Higher Degree Committee
		2.00 pm	Architecture Higher Degree Committee
		2.00 pm	Engineering Faculty
		11.00 am	Vice-Chancellor's welcome to new students: <i>full-time Architecture, Arts, Biological Sciences, Commerce, Law</i>
F	4	9.00 am	Committee on Use of Animals in Research and Teaching
		9.30 am	Military Studies Higher Degree Committee
		10.00 am	Vice-Chancellor's welcome to new students: <i>Applied Science, Engineering, Medicine, Professional Studies, Board of Studies, Studies in Science and Mathematics</i>
		10.30 am	Military Studies Faculty
		7.30 pm	Vice-Chancellor's talk to parents of new students
S5/Su6			
M	7	Session 1 begins – all courses except Medicine III, IV and V	
T	8	11.00 am	General Education Executive Committee
		2.15 pm	Arts Executive Committee
		4.30 pm	Personnel Sub-committee of Council
		7.00 pm	Vice-Chancellor's welcome to all new part-time students
W	9	List of graduands for April/May ceremonies and 1982 prizewinners published in <i>The Sydney Morning Herald</i>	
		2.00 pm	Commerce Executive Committee
		4.30 pm	Medicine Faculty
Th	10	10.00 am	Research and Higher Awards Committee
		2.00 pm	Continuing Education Committee
F	11		
S12/Su13			
M	14	Last day for notification of correction of details published in <i>The Sydney Morning Herald</i> on 9 March concerning April/May graduation ceremonies	
		2.00 pm	Council
		2.00 pm	Biological Sciences Executive Committee
		3.00 pm	Biological Sciences Higher Degree Committee
T	15	10.00 am	Administrative Procedure Committee
		11.00 am	Law Executive Committee
		12 noon	Law Higher Degree Committee
		2.00 pm	Science Higher Degree Committee
W	16	2.00 pm	Medicine Higher Degree Committee
		2.00 pm	Professional Studies Faculty
Th	17	2.15 pm	University Safety Committee
F	18	Last day for acceptance of enrolment by new undergraduate students (late fee payable thereafter)	
		10.00 am	Engineering Higher Degree Committee
S	19		
Su	20	Term 1 ends – Medicine V	
M	21	2.00 pm	Matriculation Committee
T	22	12.20 pm	Australian Graduate School of Management Higher Degree Committee
		1.20 pm	Australian Graduate School of Management Executive Committee
		2.00 pm	Science Executive Committee
		2.15 pm	Arts Faculty
		4.30 pm	Committee on Experimental Procedures Involving Human Subjects
W	23	2.00 pm	Commerce Faculty
		4.00 pm	Fine Arts Sub-committee of Council
Th	24	10.00 am	Applied Science Executive Committee
		2.00 pm	Architecture Executive Committee
F	25	9.00 am	Committee on Use of Animals in Research and Teaching
		10.00 am	Engineering Executive Committee
		2.00 pm	Graduation Ceremony, Broken Hill
S26/Su27			
M	28	Term 2 begins – Medicine V	
		2.00 pm	Biological Sciences Faculty
T	29	2.00 pm	Science and Mathematics Executive Committee
		2.15 pm	Arts Higher Degree Committee
W	30	2.00 pm	Executive Committee of Professorial Board
Th	31	Last day for acceptance of enrolment by undergraduate students re-enrolling in second and later years (late fee payable thereafter)	

April 1983

F	1	Good Friday – Public Holiday
S	2	Easter Saturday – Public Holiday
Su	3	Term 1 ends – Medicine III and IV
M	4	Easter Monday – Public Holiday
T	5	9.00 am Public Relations Committee of Council 10.00 am Professorial Board 2.15 pm Student Affairs Committee of Council 3.45 pm Finance Sub-Committee of Council 4.30 pm Personnel Sub-Committee of Council
W	6	2.00 pm Commerce Higher Degree Committee 4.30 pm Law Faculty
Th	7	10.00 am Applied Science Higher Degree Committee 2.00 pm Architecture Higher Degree Committee
F	8	9.30 am Military Studies Higher Degree Committee 10.30 am Military Studies Executive Committee
S9/Su10		
M	11	Term 2 begins – Medicine III and IV 3.00 pm Buildings and Equipment Committee of Council 4.00 pm Academic Committee of Council
T	12	10.30 am Library Committee 12.20 pm Australian Graduate School of Management Board of Studies 2.00 pm Science Faculty
W	13	2.00 pm Professional Studies Higher Degree Committee
Th	14	10.00 am Research and Higher Awards Committee 2.15 pm General Education Board of Studies
F	15	10.00 am Engineering Higher Degree Committee 2.00 pm Resources Allocation Advisory Committee 2.30 pm Graduation Ceremony, Applied Science and Board of Studies in Science and Mathematics (First Section)
S16/Su17		
M	18	2.00 pm Biological Sciences Executive Committee 2.30 pm Graduation Ceremony, Commerce (First Section) 3.00 pm Biological Sciences Higher Degree Committee
T	19	2.00 pm Science Higher Degree Committee
W	20	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	21	10.00 am Applied Science Executive Committee
F	22	Last day for undergraduate students to discontinue without failure subjects which extend over Session 1 only 10.30 am Graduation Ceremony, Engineering (First Section) 2.30 pm Graduation Ceremony, Science and Board of Studies in Science and Mathematics (Second Section)
S23/Su24		
M	25	Anzac Day – Public Holiday
T	26	2.00 pm Science Executive Committee 2.15 pm Arts Executive Committee 4.30 pm Executive Committee of Council
W	27	2.00 pm Executive Committee of Professorial Board
Th	28	10.00 am Applied Science Higher Degree Committee
F	29	10.30 am Graduation Ceremony, Arts (Second Section) 2.30 pm Graduation Ceremony, Engineering (Second Section)
S	30	

May 1983

Su	1	
M	2	<i>Confirmation of Enrolment</i> forms despatched to all students 2.00 pm Matriculation Committee 2.30 pm Graduation Ceremony, Commerce (Second Section) and Australian Graduate School of Management
T	3	10.00 am Professorial Board 2.00 pm Science and Mathematics Executive Committee 2.15 pm General Education Higher Degree Committee 4.30 pm Personnel Sub-Committee of Council
W	4	2.00 pm Commerce Higher Degree Committee 2.00 pm Professional Studies Higher Degree Committee 2.30 pm Graduation Ceremony, Biological Sciences, Board of Studies in Science and Mathematics (Third Section) and Medicine (Second Section)
Th	5	10.00 am Research and Higher Awards Committee 2.00 pm Continuing Education Committee 2.00 pm Architecture Executive Committee
F	6	9.00 am Committee on 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, Professional Studies 2.30 pm Graduation Ceremony, Architecture and Law
S	7	
Su	8	Term 1 ends – Faculty of Military Studies
M	9	2.00 pm Council
T	10	11.00 am Law Executive Committee 12 noon Law Higher Degree Committee
W	11	Last day for acceptance of corrected <i>Confirmation of Enrolment</i> forms 2.00 pm Commerce Executive Committee
Th	12	2.00 pm Applied Science Faculty
F	13	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
S14/Su15		
M	16	May Recess begins
T	17	10.00 am Administrative Procedures Committee
W	18	
Th	19	Publication of provisional timetable for June/July examinations 10.00 am Health Personnel Education Committee
F	20	10.00 am Engineering Executive Committee
S	21	
Su	22	May Recess ends Term 2 ends – Medicine V
M	23	Term 2 begins – Faculty of Military Studies 2.00 pm Biological Sciences Faculty
T	24	11.00 am General Education Executive Committee 12.20 pm Australian Graduate School of Management Higher Degree Committee 1.20 pm Australian Graduate School of Management Executive Committee 2.00 pm Science Higher Degree Committee 2.15 pm Arts Faculty 3.00 pm Science Executive Committee 4.30 pm Committee on Experimental Procedures Involving Human Subjects
W	25	2.00 pm Medicine Higher Degree Committee 3.00 pm Medicine Executive Committee
Th	26	
F	27	Last day for students to advise of examination clashes
S28/Su29		
M	30	Term 3 begins – Medicine V
T	31	2.00 pm Science and Mathematics Executive Committee

June 1983

W	1	2.00 pm 4.30 pm	Executive Committee of Professorial Board Law Faculty
Th	2	10.00 am 2.00 pm 2.15 pm	Applied Science Higher Degree Committee Architecture Faculty University Safety Committee
F	3	9.00 am 9.30 am 10.30 am	Committee on Use of Animals in Research and Teaching Military Studies Higher Degree Committee Military Studies Faculty
S4/Su5			
M	6	2.00 pm 2.15 pm 3.00 pm	Biological Sciences Executive Committee Admissions Committee Biological Sciences Higher Degree Committee
T	7	Publication of timetable for June/July examinations 9.00 am 10.00 am 2.15 pm 2.15 pm 3.45 pm 4.30 pm	Public Relations Committee of Council Professorial Board Arts Higher Degree Committee Student Affairs Committee of Council Finance Sub-Committee of Council Personnel Sub-Committee of Council
W	8	2.00 pm	Commerce Faculty
Th	9	10.00 am 2.00 pm 2.15 pm 3.00 pm	Applied Science Executive Committee Architecture Higher Degree Committee General Education Board of Studies Architecture Executive Committee
F	10	2.00 pm	Resources Allocation Advisory Committee
S11/Su12			
M	13	Queen's Birthday – Public Holiday	
T	14	10.30 am 12.20 pm 3.00 pm 4.00 pm	Library Committee Australian Graduate School of Management Board of Studies Buildings and Equipment Committee of Council Academic Committee of Council
W	15	1.00 pm 2.00 pm 2.30 pm 4.30 pm	Professional Studies Higher Degree Committee Commerce Higher Degree Committee Professional Studies Executive Committee Medicine Faculty
Th	16	10.00 am	Research and Higher Awards Committee
F	17	10.00 am 2.00 pm	Engineering Higher Degree Committee Engineering Faculty
S	18		
Su	19	Session 1 ends Term 2 ends – Medicine III and IV	
M	20	Midyear Recess begins	
T	21	11.00 am	Computing Science Committee
		Examinations begin	
		2.00 pm 7.00 pm	Science Higher Degree Committee Mature Age Unmatriculated Admissions Scheme Meeting
W	22	4.30 pm 7.00 pm	Committee on Experimental Procedures Involving Human Subjects Mature Age Unmatriculated Admissions Scheme Meeting
Th	23		
F	24		
S25/Su26			
M	27	Term 3 begins – Medicine III and IV	
		4.30 pm	Executive Committee of Council
T	28	2.00 pm	Science Executive Committee
W	29	2.00 pm 4.00 pm	Executive Committee of Professorial Board Fine Arts Sub-committee of Council
Th	30		

July 1983

F 1 9.00 am Committee on Use of Animals in Research and Teaching
S2/Su3

M 4 2.00 pm Matriculation Committee

T 5 10.00 am Professorial Board
4.30 pm Personnel Sub-Committee of Council

W 6 Examinations end

2.00 pm Professional Studies Executive Committee
2.00 pm Science and Mathematics Executive Committee

Th 7 10.00 am Applied Science Executive Committee
2.00 pm Architecture Executive Committee
2.00 pm Continuing Education Committee

F 8 9.30 am Military Studies Higher Degree Committee
10.30 am Military Studies Executive Committee

S9/Su10

M 11 2.00 pm Council

T 12 10.30 am Library Committee

W 13 2.00 pm Commerce Executive Committee
2.00 pm Medicine Higher Degree Committee
3.00 pm Medicine Executive Committee

Th 14 10.00 am Research and Higher Awards Committee

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

S16/Su17

M 18 Examination results mailed to students

T 19 Examination results displayed on University noticeboards
11.00 am General Education Higher Degree Committee

W 20 2.00 pm Professional Studies Faculty

Th 21 2.00 pm Architecture Faculty

F 22

S 23

Su 24 Midyear Recess ends
Term 3 ends – Medicine V

M 25 Session 2 begins
Last day for applications for review of June assessment results
2.00 pm Biological Sciences Faculty

T 26 11.00 am Law Executive Committee
12 noon Law Higher Degree Committee
2.00 pm Science Executive Committee
2.15 pm Arts Executive Committee
4.30 pm Committee on Experimental Procedures Involving Human Subjects
2.00 pm Executive Committee of Professorial Board

W 27

Th 28

F 29

S30/Su31

August 1983

M	1	Term 4 begins – Medicine V
		2.00 pm Biological Sciences Executive Committee
		3.00 pm Biological Sciences Higher Degree Committee
T	2	9.00 am Public Relations Committee of Council
		10.00 am Professorial Board
		12.20 pm Australian Graduate School of Management Higher Degree Committee
		1.20 pm Australian Graduate School of Management Executive Committee
		2.00 pm Science Higher Degree Committee
		2.15 pm General Education Executive Committee
		2.15 pm Student Affairs Committee of Council
		3.45 pm Finance Sub-Committee of Council
		4.30 pm Personnel Sub-Committee of Council
W	3	2.00 pm Commerce Faculty
Th	4	Foundation Day – No classes held
		2.00 pm Applied Science Faculty
		2.00 pm Architecture Higher Degree Committee
F	5	Last day for students to discontinue without failure subjects which extend over the whole academic year
		9.00 am Committee on Use of Animals in Research and Teaching
		9.30 am Military Studies Higher Degree Committee
		10.30 am Military Studies Faculty
S6/Su7		
M	8	3.00 pm Buildings and Equipment Committee of Council
		4.00 pm Academic Committee of Council
T	9	10.00 am Administrative Procedures Committee
		12.20 pm Australian Graduate School of Management Board of Studies
		2.15 pm Arts Faculty
W	10	2.00 pm Commerce Higher Degree Committee
		4.30 pm Medicine Faculty
Th	11	10.00 am Research and Higher Awards Committee
F	12	10.00 am Engineering Higher Degree Committee
		2.00 pm Resources Allocation Advisory Committee
S13/Su14		
M	15	
T	16	2.15 pm Arts Higher Degree Committee
W	17	2.00 pm Professional Studies Higher Degree Committee
		2.00 pm Science and Mathematics Executive Committee
		4.30 pm Law Faculty
		4.30 pm Committee on Experimental Procedures Involving Human Subjects
Th	18	10.00 am Applied Science Higher Degree Committee
		2.15 pm General Education Board of Studies
		2.15 pm University Safety Committee
F	19	10.00 am Engineering Executive Committee
S	20	
Su	21	Term 2 ends – Faculty of Military Studies
M	22	4.30 pm Executive Committee of Council
T	23	2.00 pm Science Executive Committee
W	24	2.00 pm Professional Studies Executive Committee
Th	25	10.00 am Applied Science Executive Committee
F	26	
S	27	
Su	28	Term 3 ends – Medicine III and IV
M	29	August Recess begins
T	30	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	31	2.00 pm Executive Committee of Professorial Board

September 1983

Th	1	
F	2	9.00 am Committee on Use of Animals in Research and Teaching
S	3	
Su	4	August Recess ends
M	5	Term 4 begins – Medicine III and IV 2.00 pm Biological Sciences Executive Committee 3.00 pm Biological Sciences Higher Degree Committee
T	6	10.00 am Professorial Board 2.00 pm Science Higher Degree Committee 4.30 pm Personnel Sub-Committee of Council
W	7	List of graduands for October graduation ceremonies published in <i>The Sydney Morning Herald</i> 2.00 pm Medicine Higher Degree Committee 2.00 pm Commerce Executive Committee 2.00 pm Science and Mathematics Board of Studies 3.00 pm Medicine Executive Committee
Th	8	10.00 am Health Personnel Education Committee 10.00 am Applied Science Higher Degree Committee 2.00 pm Architecture Executive Committee 2.00 pm Continuing Education Committee
F	9	2.00 pm Engineering Faculty
S10/Su11		
M	12	Term 3 begins – Faculty of Military Studies Last day for notification of correction of details published in <i>The Sydney Morning Herald</i> on 7 September concerning October graduation ceremonies 2.00 pm Council
T	13	10.30 am Library Committee 2.00 pm Science Faculty
W	14	2.00 pm Professional Studies Faculty 4.00 pm Fine Arts Sub-committee of Council
Th	15	10.00 am Research and Higher Awards Committee
F	16	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
S17/Su18		
M	19	
T	20	2.00 pm Science Executive Committee 4.30 pm Committee on Experimental Procedures Involving Human Subjects
W	21	2.00 pm Professional Studies Higher Degree Committee 2.00 pm Commerce Higher Degree Committee
Th	22	
F	23	
S	24	
Su	25	Term 4 ends – Medicine V
M	26	Confirmation of Enrolment forms despatched to all students
T	27	12.20 pm Australian Graduate School of Management Higher Degree Committee 1.20 pm Australian Graduate School of Management Executive Committee 2.15 pm Arts Higher Degree Committee
W	28	2.00 pm Executive Committee of Professorial Board
Th	29	10.00 am Applied Science Executive Committee 2.00 pm Architecture Faculty
F	30	Last day to apply to UCAC for transfer to another tertiary institution in New South Wales

October 1983

S1/Su2

M	3	Eight Hour Day – Public Holiday
T	4	Term 5 begins – Medicine V 9.00 am Public Relations Committee of Council 10.00 am Professorial Board 2.15 pm Arts Executive Committee 2.15 pm Student Affairs Committee of Council 3.45 pm Finance Sub-Committee of Council 4.30 pm Personnel Sub-Committee of Council
W	5	Last day for acceptance of corrected <i>Confirmation of Enrolment</i> forms 2.00 pm Science and Mathematics Executive Committee 2.30 pm Graduation Ceremony
Th	6	Publication of provisional examination timetable 10.00 am Applied Science Higher Degree Committee
F	7	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 9.00 am Committee on Use of Animals in Research and Teaching 10.30 am Graduation Ceremony 2.00 pm Resources Allocation Advisory Committee 2.30 pm Graduation Ceremony

S8/Su9

M	10	3.00 pm Buildings and Equipment Committee of Council 4.00 pm Academic Committee of Council
T	11	10.00 am Administrative Procedures Committee 12.20 pm Australian Graduate School of Management Board of Studies 2.00 pm Science Higher Degree Committee
W	12	2.00 pm Commerce Faculty 2.00 pm Medicine Higher Degree Committee 3.00 pm Medicine Executive Committee
Th	13	10.00 am Applied Science Faculty 2.00 pm Architecture Higher Degree Committee
F	14	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

S15/Su16

M	17	2.00 pm Biological Sciences Executive Committee 3.00 pm Biological Sciences Higher Degree Committee
T	18	11.00 am Law Executive Committee 12 noon Law Higher Degree Committee 2.00 pm Science Executive Committee
W	19	2.00 pm Commerce Executive Committee
Th	20	10.00 am Research and Higher Awards Committee 2.00 pm Architecture Executive Committee

F 21
S22/Su23

M	24	4.30 pm Executive Committee of Council
T	25	11.00 am General Education Higher Degree Committee 2.15 pm Arts Faculty
W	26	2.00 pm Executive Committee of Professorial Board 4.30 pm Committee on Experimental Procedures Involving Human Subjects
Th	27	Publication of examination timetables
F	28	
S	29	
Su	30	Term 3 ends – Faculty of Military Studies
M	31	2.00 pm Biological Sciences Faculty

November 1983

T	1	10.00 am	Professorial Board
		2.15 pm	General Education Executive Committee
W	2	4.30 pm	Law Faculty
Th	3		
F	4	9.00 am	Committee on Use of Animals in Research and Teaching
		10.00 am	Engineering Executive Committee
S	5		
Su	6		Session 2 ends
M	7		Study Recess begins
		2.00 pm	Matriculation Committee
T	8	10.30 am	Library Committee
		2.15 pm	Arts Higher Degree Committee
		4.30 pm	Personnel Sub-Committee of Council
W	9	2.00 pm	Commerce Higher Degree Committee
		2.00 pm	Science and Mathematics Executive Committee
		4.30 pm	Medicine Faculty
Th	10	10.00 am	Applied Science Executive Committee
		2.00 pm	Continuing Education Committee
F	11	9.30 am	Military Studies Higher Degree Committee
		10.30 am	Military Studies Faculty
S	12		
Su	13		Study Recess ends
			Term 4 ends – Medicine III and IV
M	14		Examinations begin
		2.00 pm	Council
T	15	2.00 pm	Science Executive Committee
W	16	2.00 pm	Professional Studies Higher Degree Committee
Th	17	10.00 am	Research and Higher Awards Committee
		2.15 pm	General Education Board of Studies
F	18	10.00 am	Engineering Higher Degree Committee
S19/Su20			
M	21	2.00 pm	Biological Sciences Executive Committee
		2.15 pm	Admissions Committee
		3.00 pm	Biological Sciences Higher Degree Committee
T	22	12.20 pm	Australian Graduate School of Management Higher Degree Committee
		2.00 pm	Science Higher Degree 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	10.00 am	Applied Science Higher Degree Committee
		2.00 pm	Architecture Higher Degree Committee
		2.15 pm	University Safety Committee
F	25		
S	26		
Su	27		Term 5 ends – Medicine V
M	28		
T	29		
W	30	2.00 pm	Executive Committee of Professorial Board

December 1983

Th	1	
F	2	Examinations end 9.00 am Committee on Use of Animals in Research and Teaching
S3/Su4		
M	5	11.00 am Computing Science Committee 2.15 pm Admissions Committee
T	6	10.00 am Professorial Board 3.45 pm Finance Sub-Committee of Council 4.30 pm Personnel Sub-Committee of Council
W	7	
Th	8	
F	9	2.00 pm Resources Allocation Advisory Committee
S10/Su11		
M	12	4.30 pm Executive Committee of Council
T	13	9.30 am Graduation Ceremony, Duntroon
W	14	4.30 pm Committee on Experimental Procedures Involving Human Subjects
Th	15	10.00 am Research and Higher Awards Committee 10.00 am Health Personnel Education Committee
F	16	
S17/Su18		
M	19	Examination results mailed to students List of graduands in Medicine for February Graduation Ceremony published in <i>The Sydney Morning Herald</i>
T	20	Examination results displayed on University noticeboards
W	21	
Th	22	
F	23	
S	24	
Su	25	Christmas Day
M	26	Boxing – Public Holiday
T	27	Public Holiday
W	28	
Th	29	
F	30	
S	31	

1984**Faculties other than
Medicine**

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 5 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

Faculty of Medicine

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

January	M	2	Public Holiday (New Year)
	F	13	Last day for acceptance of applications by office of the Admissions Section for transfer to another undergraduate course within the University
	M	16	Last day for applications for review of results of annual examinations
	M	30	Australia Day – Public Holiday
February	M	20	Enrolment period begins for second and later year undergraduate students and graduate students enrolled in formal courses
March	M	5	Session 1 begins – all courses except Medicine III, IV and V
April	F	20	Easter – Public Holiday
	to		
	M	23	Anzac Day – Public Holiday
	W	25	

Council and Standing Committees Meeting Dates 1983

Council, **2 pm**

M 7 February
M 14 March
M 9 May
M 11 July
M 12 September
M 14 November

Personnel, **4.30 pm**

Tu 1 February
Tu 8 March
Tu 5 April
Tu 3 May
Tu 7 June
Tu 5 July
Tu 2 August
Tu 6 September
Tu 4 October
Tu 8 November
Tu 6 December

Executive, **4.30 pm**

M 28 February
Tu 26 April
M 27 June
M 22 August
M 24 October
M 12 December

Finance, **3.45 pm**

Tu 1 February
Tu 5 April
Tu 7 June
Tu 2 August
Tu 4 October
Tu 6 December

Student Affairs, **2.15 pm**

Tu 1 February
Tu 5 April
Tu 7 June
Tu 2 August
Tu 4 October

Public Relations, **9 am**

Tu 1 February
Tu 5 April
Tu 7 June
Tu 2 August
Tu 4 October

Buildings and Equipment, **3 pm**

Tu 8 February
M 11 April
Tu 14 June
M 8 August
M 10 October

Academic, **4 pm**

Tu 8 February
M 11 April
Tu 14 June
M 8 August
M 10 October

Professorial Board and Principal Standing Committees Meeting Dates 1983

Professorial Board **Tuesday, 10 am**

1 February
1 March
5 April
3 May
7 June
5 July
2 August
6 September
4 October
1 November
6 December

Continuing Education **Thursday, 2 pm**

10 March
5 May
7 July
8 September
10 November

Administrative Procedures **Tuesday, 10 am**

15 March
17 May
9 August
11 October

Computing Science **Monday, 11 am**

20 June
5 December

Executive **Wednesday, 2 pm**

26 January
23 February
30 March
27 April
1 June
29 June
27 July
31 August
28 September
26 October
30 November

Resources Allocation Advisory **Friday, 2 pm**

11 February
15 April
10 June
12 August
7 October

Matriculation **Monday, 2 pm**

21 March
2 May
4 July
7 November

Health Personnel Education **Thursday, 10 am**

3 February
19 May
8 September
15 December

Research and Higher Awards **Thursday, 10 am**

13 January
10 February
10 March
14 April
5 May
16 June
14 July
11 August
15 September
20 October
17 November
15 December

Library **Tuesday, 10.30 am**

15 February
12 April
14 June
12 July
13 September
8 November

Admissions **Monday, 2.15 pm**

10 January
21 February
6 June
21 November
5 December

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, the W.S. and L.B. Robinson University College at Broken Hill, New South Wales, 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 1982 was 19,016 made up of 14,748 proceeding to bachelor degrees, 3,205 to higher degrees, 323 to graduate diplomas, and 740 not seeking to proceed to any qualification.

The full-time staff supporting these activities numbers 3,616 of whom 1,276 are teaching and research staff, and 2,340 are library, technical, administrative, clerical and other staff. The Library contains some 1,069,000 items.

The University's total recurrent expenditure in 1982 was approximately \$103 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 attempt to meet 'the urgent demand in Australia for increasing numbers of technologists and applied scientists'.

The first courses, leading to 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 course 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 an 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.

Government

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.

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, BAgrSc 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, FlinstP, FRACI, FRSA

University Mace Bearer

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

The Council

Alberto Domenico Albani, DrGeolSc *Florence*, MSc PhD *N.S.W.*,
Senior Lecturer, School of Applied Geology

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

Richard Martin Bibby, MA BD *Otago*, PhD *Monash*, Lecturer,
School of Education

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

David John Bolton, BSc HDipEd *N.U.I.*, BA *Dub.*, MEd *N.S.W.*,
MACE, Director of Studies, Warrane College

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

Laurence Binet Brown, MA DipEd *N.Z.*, PhD *Lond.*, Professor,
School of Psychology

Elizabeth Ann Butcher, Administrator, National Institute of
Dramatic Art

Sir Keith Campbell, CBE, FCA, Chairman and Chief General
Manager, Hooker Corporation Ltd

Colin John Charlton, BA DipED *N.S.W.*

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

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Department of Physical and Industrial Metallurgy

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Max Hatherly, MSc PhD *N.S.W.*, ASTC, CEng, FIM
Greig Richard Wallwork, PhD DSc *N.S.W.*, ASTC, CEng, FIM

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Michael Bernard McGirr, BSc *Syd.*, PhD *N.S.W.*
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Department of Mineral Processing

Associate Professor and Head of Department

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School of Mining Engineering

Professor of Mining Engineering and Head of School

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George Michael Savidis, BE *N.S.W.*
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Department of Mining Engineering

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Vacant

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Tutors

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Diana Kazemi

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 Douglas Crawford, BArch Melb., GradDip N.S.W., MRAIPR
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 Robert Bolles Zehner, BA Amh., MA PhD Mich.

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Professor of English

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Professor of English

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Emmeline Marie Josette Boothroyd, BA *Syd.*, PhD *N.S.W.*

Anne Marie Nisbet, MèsL LèsL *Toulouse*, MA *N.Y.State*,
PhD *N.S.W.*

Tutors

Jacqueline Marie Hélène Gaillard, MèsL *Lyon*,
Dipl.dedidactique des langues *Paris*

Michelle Royer, BA MèsL *Paris*

Elizabeth Temple, BA *N.S.W.*, DipEd *N'cle. (N.S.W.)*, MèsL *Poitiers*

Bernadette Viguier, MèsL *Nice*

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Professor of German

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Lecturer

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Senior Tutor

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Tutors

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John Gascoigne, BA *Syd.*, MA *Prin.*, PhD *Camb.*

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School of History and Philosophy of Science

Professor of History and Philosophy of Science and Head of School

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Professor of History and Philosophy of Science

Vacant

Senior Lecturers

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Senior Tutor

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Barbara Anne Roxon, BA *Syd.*

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George Shipp, MEd *Syd.*

Elaine Vera Thompson, BEc PhD *Syd.*

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

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Director

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

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Senior Tutor

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

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Lawrence Alexander Sidney Johnson, BSc DSc *Syd.*

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Professor of Medical Microbiology and Head of School

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Professor of Microbiology

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Professor

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Lecturer

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Professor of Psychology and Head of School

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Professor of Psychology

Vacant

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Technology, Plastics and Timber, Pavement Engineering,
Continuum and Statistical Mechanics, Metals and Welding
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*Dennis Robert Kerr, MB BS *N.S.W.*, FFARCS, DipABA

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

Tutors
Judi Evelyn Allen, BSc *Syd.*
Pamela Anne Davis, BSc *Monash*
Denise Anne Edwards, BSc *Syd.*
Dale Gregory Ferrington, BSc *N.S.W.*

Teaching Fellow
Nino Quartaro, BSc *N.S.W.*, BVSc *Syd.*

Professional Officer
Kenneth Harry Curtis, AIST(Lond)

Honorary Visiting Professor
Frederick Colin Courtice, MA DPhil *Oxf.*, DSc *Syd.*, LRCP, FRACP, FRACS, FAA, MRCS

Nerve-Muscle Research Centre

Professor and Director
Peter William Gage, MB ChB *N.Z.*, PhD *A.N.U.*, DSc *N.S.W.*, FAA

Senior Lecturer
Peter Hosford Barry, BSc PhD *Syd.*

Postdoctoral Fellows
Susan Pockett, MSc *Auck.*, PhD *Otago*
Gregory Redmann, AB *Harv.*, MS *Stan.*, PhD *Texas*
Ruth Wachtel, AB *C'nell.*, PhD *Duke*

Professional Officer
Jamie Phillip Rist, BE *N.S.W.*

School of Psychiatry

Associate Professor and Acting Head of School
John Gavin Andrews, ChB MD *Otago*, DPM *Melb.*, FRANZCP, MRCPsych

Professor of Psychiatry
Vacant

Associate Professors
*John Ewart Cawte, MD BS *Adel.*, DPM *Melb.*, PhD *N.S.W.*, FRANZCP, FRCPsych, FAPA
Nathaniel McConaghy, MB BS *Qld.*, BSc MD DPM *Melb.*, FRANZCP
Gordon Barraclough Parker, MB BS *Syd.*, MD *N.S.W.*, FRANZCP

Senior Lecturers
Ronald Ford Barr, MB ChB *Glas.*, MD *N.S.W.*, DPM(RCP&RCS), FRANZCP, MRCPsych
Susie Eva Maria Owen, MB BS *Syd.*, MD *N.S.W.*, DCH *Glas.*, DPM(RCP&RCS), FRANZCP

Clinical Senior Lecturers
*Florence Levy, MB BS *Melb.*, MPh *Yale*, MD *N.S.W.*, MRANZCP
*Richard John Perkins, MB BS *Lond.*, DPM(RCP&RCS), MRCPsych
*Noel Maurice Wilton, MB BS *Syd.*, FRACP, FRANZCP

Lecturer
Gaye Emily Keir, BA PhD *N.S.W.*

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

Clinical Lecturer

****James Graham Durham**, MB BS *Adel.*, DPM *Melb.*, FRANZCP

Tutors

Susan Lorraine Morris, BSc *N.S.W.*

Beatrice Requin Blow, MèSL *Paris*

School of Surgery

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

Associate Professor of Ophthalmology

Frederick Cossom Hollows, MB ChB *N.Z.*, DO *Lond.*, FRCS

Associate Professor

John MacKenzie Ham, MD BS *Syd.*, FRACS

Clinical Associate Professors

***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

Lecturer

Edward Chee-Pong Shi, MB BS *N.S.W.*, 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

Clinical 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

Clinical Senior Lecturer

****Alan William Gale**, MB BS *Syd.*, FRACS, FRACP, FRCSC, FACC

Senior Lecturer

David Alexander Hill, MB BS *Syd.*, MS *N.S.W.*, FRCS, FRACS, FRCSEd

Department of Anaesthetics and Resuscitation

Clinical 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 Lecturer

***George Madgwick Davidson**, MB BS DA *Syd.*, FFARACS

Clinical Senior Lecturer

****Brian Francis Horan**, MB BS *Syd.*, FFARCS, FFARACS

Lecturer

§Colin Richmond Climie, MB ChB *N.Z.*, FFARCS, FFARACS

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

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

††Conjoint appointment with St George Hospital.

§Conjoint appointment with Royal Hospital for Women.

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

Graduate Assistant

Donald Heaton, BA *N.S.W.*

Animal Facilities

Director

Roderick Lachlan McEwin, BVSc *Qld.*, MRCVS

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.*

Committee in Postgraduate Medical Education

Honorary Director

Harold Kramer, MB ChB *Cape T.*, 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

Electron Microscopist

Melvyn Roderick Dickson, BSc *N.Z.*, PhD *A.N.U.*, DipRMS

Medical Illustration Unit

Officer-in-charge

Kenneth Walter Deason, AIMBI, ARPS, AIAP

Clinical Teaching Administration

Teaching Hospitals

The Prince Henry and Prince of Wales Hospitals

Senior Administrative Officer (Medical)

Maxwell Elmore Cochrane Thorpe, MB BS *Syd.*, MD *N.S.W.*, FRACP

St George Hospital

Warden of Clinical Studies

Benedetto Haneman, MB BS *Syd.*, FRACP

Administrative Assistant

Albert Burlakov, BA *Syd.*

St Vincent's Hospital

Warden of Clinical Studies

Marguerite Nash Weston, MB BS Syd., FRACP

Administrative Assistant

Elizabeth Louise Tudehope, BA Brighton Polytech.

Royal Hospital for Women

Warden of Clinical Studies

Edward Graham Bosch, MB BS Syd., MRCOG

Associated Hospitals

Canterbury Hospital

Honorary Clinical Supervisor

Peter Thomas Tornya, MB BS Syd., FRACP, MRCP

Lewisham Hospital

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 Economics, English, Geography, Government, History, Mathematics, Chemistry, Physics, Civil Engineering, Electrical and Electronic Engineering, Mechanical Engineering; with tuition in Military Art, Military Science, and Military Technology.

Dean

Professor G. V. H. Wilson

Assistant Dean

C. G. J. Streatfield

Chairman

Professor A. D. Gilbert

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.

Sally-Ann Phillips, BA Monash

Programmer

Roger Philip May, AACS

Department of Economics

Professor of Economics and Head of Department
Wolfgang Ernst Kasper, Dipl Volksw Saarbr., Dr rer pol Kiel

Associate Professors

Horace Sydney Hodges, BSc(Econ) DipEd Lond., FRGS
Jozef Wilczynski, BSc(Econ) PhD Lond., BEd Melb.,
MEc A.N.U., DSc N.S.W.

Senior Lecturer

Kenneth George Gannicott, MA Sus.

Lecturers

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

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

Douglas Robert Jarvis, BA N'cle. (N.S.W.), MA 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 Lecturer

James Sidney Burgess, MA PhD Cant.

Lecturers

Laurence John Olive, BSc N.E., MSc Tas.
William Arthur Rieger, MA Tor., PhD Syd.

Tutor

Paul Joseph Tranter, BA N'cle. (N.S.W.)

Teaching Fellow

Sammy Topalidis, BSc N'cle. (N.S.W.)

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.

Lecturers

Malcolm Hugh Mackerras, BEc Syd.
Beverley Mary Male, BA PhD A.N.U.
Carlyle Alan Thayer, AB Brown, MA Yale, PhD A.N.U.

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

Peter John Dennis, BA Adel., MA PhD Duke,
DipT(Sec) Adel. T.C., 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

Ann-Mari Jordens, MA Syd. and Melb.

Department of Mathematics

Professor of Mathematics and Head of Department
John Carlyle Burns, MSc *N.Z.*, BA *Camb.*, PhD *Manc.*

Associate Professor
Allister McMullen, MA *Syd.*

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.*

Lecturer
Edward Arthur Catchpole, BSc *Lond.*, MSc *Kent*, PhD *Dund.*

Computer Science

Senior Lecturer
Andrew John Quaine, BEE BSc *Melb.*, MSc *A.N.U.*

Lecturers
David Hunter Anderson, BSc *N.S.W.*, PhD *A.N.U.*
George William Gerrity, MSc *Sask.*, 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 Chemistry

Professor of Chemistry and Head of Department
Richard Bearman, AB *Corn.*, PhD *Stan.*, FAIC, FRACI

Associate Professor
Boyd Dempsey, MSc DipEd *Syd.*, BEd *Melb.*, FRACI

Senior Lecturers
Norman David Hamer, BSc *Arizona State*, PhD *M.I.T.*, ARACI
William Gregory Jackson, BSc PhD *Melb.*, 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 Officers
Dennis John Isbister, BSc *N.S.W.*, MSc *Indiana*, PhD *N.S.W.*
Donn Lewis Jolly, BS PhD *Flin.*

Teaching Fellow
David Paul Fairlie, BSc *Adel.*

Department of Physics

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.*
Peter Lynam, BSc *Birm.*, PhD *S'ton.*, FAIP, MinstP

Lecturers
Dennis Keith Fowler, MSc *N.E.*
Robert William Noel Kinnear, MSc *N.Z.*, GradAIP

Teaching Fellow
Philip James Back, BSc *Adel.*

Professional Engineer
Douglas James Mayson, BSc *A.N.U.*, MIREE

Research Officers
James Melville Boehm, BSc PhD *Melb.*
Michael Peter Kopp, DiplPhys PhD *Berl.*

Honorary Visiting Fellow
Stewart James Campbell, BSc *Aberd.*, PhD *Monash*, MinstP, MAIP

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(Engg) *W. Pak. Eng.*,
MEng *A.I.T. Bangkok*, PhD *N.S.W.*, MIEAust, MASCE, MACI

Lecturers

Alan Alexander Curtis, BE PhD *N.S.W.*, MIEAust

Joseph Petrolito, BE *Qld.*, DipE *R.M.I.T.*

Professional Engineer

Machumpurath Koru Kutty Gopalan, BSc(Eng) *Kerala*,
PhD *N.S.W.*

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.*, MIEAust

Geoffrey Cochrane, BSc *Lond.*, PhD *N.E.*, MInstP, MIREEAust

Cyril George Joseph Streatfield, BSc(Eng) *Lond.*, CEng, MIEE,
MIEAust

Lecturer

John Frederick Arnold, BE MEngSc *Melb.*, GradIEAust.

Teaching Fellow

Neale Leslie Fulton, BE *Tas.*, MIEEE

Professional Engineer

Leonard Charles Farmer Whyte, BSc *A.N.U.*, MSc *Essex*

Department of Mechanical Engineering

Professor of Mechanical Engineering and
Head of Department

Robert Kirby Duggins, BSc(Eng) *Lond.*, PhD *Nott.*, CEng,
FIEAust, MIMechE

Senior Lecturer

David Brian Stewart, 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.*

Tutor

John Stuart Childs, BE *Syd.*

Professional Engineer

Colin Francis Vaskess, BE *Syd.*, BSc *Adel.*

Bridges Memorial Library

Librarian

Lynn Reagan Hard, BA *MS Calif.*

Computer Centre

Manager

Malcolm Charles Smith, ME *N.S.W.*, MACM, MIEEE, MACS

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 Mathematics

D. L. Hoffman, BA *A.N.U.*

The following military officers have also been appointed members of the Faculty:

Commandant, Royal Military College, Duntroon
Major-General J. D. Kelly, DSO

Director of Military Art, Royal Military College, Duntroon
Colonel M. P. Blake, AM, MC, jssc, psc

Student Counsellor
Lieutenant-Colonel A. R. Craig, BA DipSocStud Syd.,
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 G. F. Healey, RAAOC
Major W. J. A. Mellor, DipMilStud, ph, AAAvn
Major R. W. Shoebridge, BA(Mil) *N.S.W.*, RAAC
Major G. D. Williams, BA(Mil) *N.S.W.*, RAInf
Major J. B. Wynen, RAA

Instructors
Major P. M. Coleman, psc, RAAC
Major S. D. Jameson, psc, pl, RNZE

Director of Training Operations
Colonel T. J. M. Richards

Director of Training Plans
Colonel R. S. Buchan

Head of the School of English: Dr M. E. Chan
Head of the School of Geography: Professor J. A. Mabbutt
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: Professor H. Muir
Head of the School of Physics: Professor K. N. R. Taylor
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

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

Faculty of Professional Studies

Comprises Schools of Education, Health Administration, Librarianship and Social Work.

Dean

Professor A. A. Hukins

Chairman

Professor M. Cooper

School of Education

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 DipEd PhD Syd., MSc *Macq.*, MAIP, MAPsS
Colin Fraser Gauld, BSc DipEd PhD Syd., MAIP
James Harry Gribble, BA PhD *Melb.*, MPhil *Lond.*
Colman Kevin Harris, BA MEd Syd., PhD *N.S.W.*
Barry Charles Newman, BA MSc PhD Syd.
Michael Francis Petty, BA *Durh.*, DipEd MEd *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*
Rachel MacDonald Boyd, MA PhD *Otago*
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.*
Frank Johnson, BSc MEd *N.S.W.*
Alan Laughlin, BSc MEd DipEd Syd.
Kathleen Helene Robson, BA DipEd *N.S.W.*
Philip Steven Tucker, BA DipEd Syd.

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 Professor

John Colin Harris Dewdney, BA MD BS *Melb.*, SM *Harv.*, DPH *Lond.*, DipFinMangt DipTertEd *N.E.*, FRACMA, FHA, MFCM, MACE

Senior Lecturers

Erica Margaret Bates, BA DipSocStud Syd., PhD N.S.W.
 Stephen John Duckett, BEc A.N.U., MHA PhD N.S.W.,
 GradDipEd *Darling Downs I.A.E.*, AHA
 Colin Grant, MA *Oxf.*, and *Brun.*, FHA
 John Roger Bancks Green, ARIBA, ARAIA, AADipl
 Graeme Kendle Rawson, BA N.E., MA Macq., PhD N.S.W., AHA

Lecturers

Philip William Bates, BCom LLB 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.*, MEcSyd.
 Timothy John Philips, MCom N.S.W., DipEd Syd.
 Bronwyn Richardson, BA DipEd Macq., MCom N.S.W.

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

Honorary Visiting Fellow

Tom Griffith, MBE, BEc Syd., FHA

Tutors

Michael Bruce McLellan, BA N.S.W.,
 DipLibSc *Kur-ring-gai C.A.E.*, ALAA

Administrative Assistant

Raymond John Locke

School of Social Work

Professor of Social Work and Head of School

Robert John Lawrence, BA DipSocSc *Adel.*, MA *Oxf.*, PhD A.N.U.

Professor of Social Work

Phillip Anthony Vinson, BA DipSocStud Syd.,
 MA PhD DipSoc N.S.W.

Senior Lecturer

Margaret Teresa Lewis, BSocStud *Qld.*, MSW N.S.W.

Lecturers

Rosemary Ellen Berreen, BSW N.S.W.
 Maisry Elspeth Browne, BA DipSocStud Syd., MSW 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.
 Colin John Marshall, BA MSW DipSocWk DipCrim Syd.
 Martin Scott Mowbray, BSW N.S.W., MSW Syd.
 Sandra Regan, BA *Boston S.C.*, MSW EdM N.Y.*State*
 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.
 Diane Maree Zullacar, BA DipSocWk Syd., MSW Smith

Senior Tutors

Kerry Ann Brettell, BSW N.S.W.
 Elizabeth Aureena Fernandez, MA *Madr.*

Tutors

Susan Joan Beecher, BA Macq., BSocStud Syd.
 Robert Charles Mowbray, BSc BSocStud Syd.
 Brenda Smith, BA *Manc.*, DiplApplSocSt Lond.

Administrative Officer

Audrey Nancy Ferguson, BA DipSocStud Syd.

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*,
 SAA, ASA, RMAA
 Ida Catherine Vincent, MA *Camb.*, DipLib *Birm.Poly.*,
 MLib N.S.W., ALA, ALAA
 Concepción Shimizu Wilson, BA *Pomona*, MSLS N.C., ALAA

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*

School of Chemistry

Professor of Chemistry and Head of School

James Stanley Shannon, DIC PhD *Lond.*, DSc *Adel.*, FRACI

Professor of Organic Chemistry

Vacant

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, FlinstP, FRACI

Professor† and Head of Department of Inorganic Chemistry

Stanley Edward Livingstone, PhD DSc *N.S.W.*, FSTC, FRACI, FRSC, CChem

Professor of Analytical Chemistry and Head of Department of Analytical Chemistry

Lloyd Earle Smythe, MSc *Syd.*, PhD *Tas.*, FRACI

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

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.*

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Department of Applied Physics

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 Doonan Ross Anthony 1976-1978
 Douglas James Bartram 1971-1975
 Drummond Philip John 1973-1975
 Dunbar 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
 Harman Roy William 1947-1953
 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 Meredith 1967-1971
 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
 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
 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 Diane 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.

Objects of the University.
Act No. 11, 1949, s. 18.

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
- (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).

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).

(3) The parliamentary members of the Council shall be—

- (a) 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

- (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).

Repealed
Act No. 75, 1970,
s. 3 (1) (c).

- (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

- (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;

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 proviso added,
Act No. 75, 1970,
s. 2 (1) (a) (iii).**

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.

**New paragraph added,
ibid.**

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) (2).**

(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.

- Amended,**
Act No. 75, 1970,
s. 2 (1) (a) (vi);
Act No. 170, 1978,
Sch. 1 (2) (j).
- Amended,**
Act No. 75, 1970,
s. 2 (1) (a) (vii).
- New paragraph added,**
Act No. 75, 1970,
s. 2 (1) (a) (viii).
- Amended,**
Act No. 75, 1970,
s. 2 (1) (a) (ix) (x);
Act No. 170, 1978,
Sch. 1 (2) (k)–(m).
- Repealed,**
Act No. 170, 1978,
Sch. 1 (2) (n).
- Vacation of office.**
Act No. 11, 1949, s. 20.
- Amended,**
Act No. 170, 1978,
Sch. 1 (3).
- Substituted paragraph,**
Act No. 170, 1978,
Sch. 2 (3).
- Substituted paragraph,**
Act No. 170, 1978,
Sch. 2 (3).
- Amended,**
Act No. 75, 1970,
s. 2 (1) (b) (i).
- Substituted paragraph,**
Act No. 75, 1970,
s. 2 (1) (b) (ii);
Act No. 90, 1978,
s. 3 (b) (i).
- New paragraph added,**
Act No. 75, 1970,
s. 2 (1) (b) (iii).
- (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
- (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.
- A period of office may be prescribed by the by-laws by reference to determined, or determinable, days of commencement and termination.
- 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.
- (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.
- (11)
- 9. A member of the Council shall be deemed to have vacated his office if he—**
- (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;
- (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;
- (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;
- (e) is an elected or appointed member and absents himself from four consecutive meetings of the Council without leave of the Council;
- (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
- (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 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.

<p>Vice-Chancellor. Act No. 11, 1949, s. 26.</p>	<p>15. (1) The Vice-Chancellor shall be the chief executive officer of the University.</p> <p>(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.</p> <p>(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.</p> <p>(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.</p> <p>(5) Where a vacancy occurs in the office of Vice-Chancellor the Council shall appoint a person to be Vice-Chancellor.</p>
<p>Delegation to committees, etc. Act No. 11, 1949, s. 27.</p>	<p>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.</p> <p>(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.</p>
<p>Ad eundem and honorary degrees. Act No. 11, 1949, s. 28.</p>	<p>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.</p> <p>(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.</p> <p>(3) By-laws may be made for or with respect to the conferring of honorary degrees or other distinctions.</p>
<p>Branches, departments and colleges. Act No. 11, 1949, s. 29.</p> <p>Amended, Act No. 170, 1978, Sch. 1 (4) (a).</p> <p>Amended, Act No. 170, 1978, Sch. 1 (4) (b).</p>	<p>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.</p> <p>(2) The Council may, with the approval of the Minister</p> <p>(a) authorise the establishment of residential colleges or halls of residence within the University or elsewhere;</p> <p>(b) authorise the affiliation with the University of residential colleges; or</p> <p>(c) join or co-operate with any person in the provision or conduct of student hostels and residential accommodation for students.</p> <p>(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.</p>
<p>Evidence of degrees conferred. Act No. 11, 1949, s. 30.</p>	<p>19. All degrees conferred by the University shall be evidenced by a certificate under the common seal of the University.</p>

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) 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.

Fees and other charges
Amended,
Act No. 170, 1978,
s. 4 (5), Sch. 1.

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.

<p>Substituted subsection, Act No. 170, 1978, Sch. 2 (4).</p>	<p>(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.</p> <p>(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.</p>
<p>Substituted subsection, Act No. 170, 1978, Sch. 2. (4).</p>	<p>(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.</p>
<p>Treasurer to meet certain costs. Act No. 11, 1949, s. 39.</p>	<p>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.</p> <p>(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.</p> <p>(3) Any moneys payable by the Treasurer under this section shall be paid out of moneys provided by Parliament.</p>
<p>Advances by Treasurer. Act No. 11, 1949, s. 40.</p>	<p>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.</p>
<p>Power of University to borrow. Act No. 11, 1949, s. 41.</p>	<p>25. The University may borrow money for—</p> <p>(a) the purpose of carrying out its objects or exercising or performing any of its powers, authorities, duties and functions;</p> <p>(b) the renewal of loans; or</p> <p>(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.</p>
<p>Accounts to be rendered. Act No. 11, 1949, s. 42.</p>	<p>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.</p>
<p>Audit. Act No. 11, 1949, s. 43. Amended, Act No. 170, 1978, Sch. 2 (5).</p>	<p>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.</p>
<p>No religious test. Act No. 11, 1949, s. 44.</p>	<p>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.</p>

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.

Power to accept gifts, etc.
Act No. 11, 1949, s. 45.

(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.

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.

Acquisition of land.
New section added,
Act No. 170, 1978,
Sch. 1 (6).

(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).

**Amendment of Act No. 28,
1916.****Sec. 3
(Interpretation.)**

33. (1) The Superannuation Act, 1916, as subsequently amended, is amended

(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,";

(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.

**"Schedule III.
(Consequential.)"**

"(b) by omitting from Schedule III the words "The New South Wales University of Technology" and by inserting in lieu thereof the words "The University of New South Wales"."

Subsection omitted.

(2)

**Repealed,
Act No. 72, 1974,
Sch. 1.**

34.

**Amendment of Act No. 72,
1964.****Sec. 39.
(Amendment of Act No.
11, 1949.)**

35. The University of Newcastle Act, 1964, is amended by omitting section thirty-nine.

Schedule

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.

Sec. 3.

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 Appoint-
ment 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
Persons who are Practising or have Practised in the Professions	Part A	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
Persons experienced in Industry or Commerce	Part B	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
Persons associated with Trade Unions or Employee Organizations	Part C	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
Persons experienced in Agricultural, Pastoral or other Rural Affairs	Part D	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

**Manner of Filling
Casual Vacancy in
Office of Certain
Appointed Members of
the Council.**

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:—

- (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 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.

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.

Member Elected by Full-time Non-academic Staff

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.

**Conduct of Elections
where Ballot is Necessary**

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.

(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.

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.

**Method of Counting Votes
at Elections where Two or
More Candidates are to be
Elected**

**Filling of Casual Vacancy
in the Office of an Elected
Member**

**Chapter III — The
Professorial Board**

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 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.

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.

Chapter IV – The Faculties

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.

Chapter V – The Deans

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 affect the precedence or authority of the Chancellor, the Deputy Chancellor, or the Vice-Chancellor.

Chapter VI — Vice-Chancellor

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 VII — Honorary Degrees

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 VIII — Investment of University Funds

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;

(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.

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.

Chapter IX – General

2. For the purposes 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, 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 of 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.

The Council may make rules or orders for or with respect to –

Chapter X – Fees and Charges

(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

Intra-University Organizations

Board of Studies in General Education

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.

Board of Studies in Science and Mathematics

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.

Broken Hill Division

W. S. & L. B. Robinson University College

The University operations at the W. S. and L. B. Robinson University College at Broken Hill are to be terminated and no further enrolments will occur.

Further information concerning the facilities available at Broken Hill may be obtained from the Director, Broken Hill Division of the University of New South Wales, PO Box 334, Broken Hill 2880.

Royal Military College, Duntroon

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.

Enquiries relating to the College should be addressed to the Secretary, Royal Military College, Duntroon, ACT 2600.

Australian Graduate School of Management

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 masters 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.

Visiting Committees

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 repre-

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. Smyth (Chemistry); Mr M. F. Lamrock (Electrical Engineering); Dr V. M. Lewis (Food Technology); Dr S. Sax (Health Administration); Dr J. E. Isaac (Industrial Relations); Mr R. J. Yates (Mechanical and Industrial Engineering); Mr J. T. Brady (Mining Engineering); Mr G. Bell (Optometry); Mr R. B. Alderton (Surveying).

Other University Organizations

Alumni Office

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 Chancellery. Telephone 663 0351 extn 2998.

A close liaison is maintained with the University of New South Wales Alumni Association.

Australian School of Nuclear Technology

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 to 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.

Centre for Biomedical Engineering

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.

Centre for Applied Economic Research

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*, and a Working

Paper series. Further information regarding publications is available from the Secretary, Colleen Hodge. Telephone 662 2317.

Centre for Remote Sensing

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 and supervision for the degree of Doctor of Philosophy. The Masters' 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.

Energy Research, Development and Information Centre

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:

1. To identify and report to the Vice-Chancellor on new directions for energy research, including technological, economic, environmental, social, conservational and educational aspects (especially continuing education), with a view to meeting the needs of the Australian community;
2. To facilitate and to generate funding opportunities for energy research within the University, both in existing schools and in new multidisciplinary areas;
3. To 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. To catalyse the flow of information on energy, both within and from the University;

5. To advise on how the University Library might become a resource centre for information on energy in Australia;

6. To consider and report on possible methods of funding the Centre in the future; and

7. To 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.

The Japanese Economic and Management Studies Centre

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.

Tertiary Education Research Centre

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 16 mm films.

Division of Postgraduate Extension Studies

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 and television activities could be established. Lectures, courses and seminars are held at the University's Kensington campus and elsewhere and are given over Radio University VL2UV, and Television University VITU; correspondence courses using audio or video cassette recordings of the radio or television lectures are available at extension centres or wherever a group of students exists.

Special printed notes are provided for students of the radio, television and tape courses, and these are essential for understanding the lectures; seminars are conducted in conjunction with these courses giving the students the opportunity to discuss the lectures and any difficulties they may have with the material.

Domestic radios may be adapted readily to receive VL2UV. TV receivers with a uhf tuner are necessary to receive VITU. Courses on audio visual cassette may be taken using standard players in the home or at the office. Over 120 courses are available in this way, and in country areas, groups of as few as three students may participate at fees comparable to those paid by students in Sydney. Many enrolments are also accepted from students in other States and from overseas.

The emphasis of radio and television courses is on graduate and refresher courses for professional people, and for school-leaving students who are proceeding to an undergraduate course at a university. A wide range of subjects is offered.

In the field of Human Communications, both a graduate diploma course and a Master of Engineering Science degree course are offered by the Faculty of Engineering, for which the Division makes available lectures on radio and television which are combined with laboratory/tutorial work at the Kensington campus. The Division also makes available a number of subjects on tape in the graduate diploma course in Engineering Developments, offered by the Faculty of Engineering. For details see the section **Graduate Study** in the Engineering Handbook.

The research projects in the Division are principally in the field of communication and perception, using the media of radio, computer terminals and television, and in automated educational television program production and presentation.

The Co-ordinator of Postgraduate Extension Studies is Associate Professor Derek Broadbent. The Division is located on the top floor of the Mathews Building, High Street, Kensington. Telephone 663 0351 extn 2691.

Field Stations

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, Manildra 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.

Industrial Relations Research Centre

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.

Institute of Administration

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-one 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 doubled its residential accommodation to 71 self-contained bedroom units and its educational facilities to two large seminar rooms and ten syndicate rooms.

Situated by the sea, the Institute's Executive Retreat provides a magnificent physical and working environment which is 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.

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 Institute is a non-profit organization. The financial objective of the Institute is to break even on its educational activities overall, allowing that the fee charged for some courses may not recoup their total cost.

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.

Institute of Languages

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 a Pro-Vice-Chancellor, who is also the Director.

Institute of Marine Sciences

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.

Institute of Rural Technology

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 man on the land. 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 subsidiary properties at Manildra and 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.

Committee in Postgraduate Medical Education

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 Chairman of the Health Commission of New South Wales 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.

Social Welfare Research Centre

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:

- to undertake and sponsor research work on important aspects of social welfare in Australia;
- to provide opportunities for graduate study of social welfare;

- to arrange seminars and conferences to foster understanding of and to elucidate issues in the field of social welfare;
- to 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.

The New South Wales University Press Limited

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 Avenue, Randwick.

All enquiries should be addressed to the General Manager, New South Wales University Press, PO Box 1, Kensington, NSW 2033.

Public Affairs Unit

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, which is responsible to the Vice-Chancellor, provides information, editorial and community liaison services for the University. The PAU is responsible for several publications including *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* which lists 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 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.

Safety Unit

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.

Unisearch Limited

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.

Associated University Organizations

Drama Foundation

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.

The Medical Foundation

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.

Monomeeth Association

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.

The National Institute of Dramatic Art

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, P.O. Box 1, Kensington, NSW 2033. Telephone (02) 663 3815.

The University of New South Wales Alumni Association

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 func-

tion 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.

U Committee

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.

The U-Too Group

The U-Too Group derives from the U Committee of the University of New South Wales. The aim of the U-Too Group is to raise funds to provide cultural or recreational improvements to the campus. In raising money the Group endeavours to make a contribution to the life both of the University and the general community by holding functions that are of a cultural and educational nature.

Wives' Group

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 Round-house.

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. The Group membership fee is \$5.

Student Services and Activities

Accommodation

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 residents 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 the Catholic association 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.

Associations, Clubs and Societies

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 an annual 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.

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.

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.

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 in 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.

Deputy Registrar (Student Services)

The Deputy Registrar (Student Services), Mr Peter O'Brien, and his Administrative Assistant, Mrs Anne Beaumont, 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.

All enquiries should be made either at room 148E or by telephoning extension 2482 (general enquiries).

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. The 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; Sports Association 2673.

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, 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.

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.

Careers and Employment Section

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.

Student Health Unit

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.

The Students' Union

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 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 activities in which the Students' Union is involved include:

1. A noticeboard for casual job vacancies.
2. Organization of orientation for new students.
3. Organization of Foundation Day.
4. The University's two child care centres.
5. Publication of the student paper *Tharunka*.
6. A free legal service run by a qualified lawyer employed by the Students' Union Council.
7. A video service with access for students to equipment and advice.
8. The Nuthouse which deals in bulk and health foods.
9. Secondhand Bookshop for cheap texts.
10. CASOC (Clubs and Societies on Campus) which provides money from the SU for affiliated clubs and societies on campus.
11. Provision of a bail fund.

The SU office is located on the Second Floor, Stage III, the Union.

The University Library

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 Reference Library situated at Manly Vale (telephone 948 0261) which is closely associated with the Physical Sciences Library.

The library at the Broken Hill Division in the W.S. and L.B. Robinson University College building (telephone 6022/3/4).

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 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.

The University Union

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 hairdressing 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. Photocopying, sign printing, and stencil cutting services are also available. The Union also sponsors special concerts (including lunchtime 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.

Student Membership of Faculties and Boards of Studies

The provisions for the appointment of student members to faculties and boards of studies, stated by resolution of Council of 9 May 1977, 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 the 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'.

Electoralates

Electoralates 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 graduates 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 Medical course.
- (ii) One member elected by and from the undergraduates in Year 2 of the Medical course.
- (iii) One member elected by and from the undergraduates in Year 3 of the Medical course.
- (iv) One member elected by and from the undergraduates in Year 4 of the Medical 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 Medical course and the graduate students of the Faculty.

Faculty of Military Studies

- (i) One member elected by and from the undergraduates enrolled in either the BA(Mil) or BA degree course.
- (ii) One member elected by and from the undergraduates enrolled in either the BSc(Mil) or 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.

Financial Assistance to Students

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 1983. 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 1983, 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. Repayment usually commences after graduation or upon withdrawal from the course. 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 reason-

able 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 Uni-

versity 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.

Fund for Physically Handicapped and Disabled Students

The University has a small fund (started by a generous gift from a member of staff who wishes to remain anonymous) available for projects of benefit to handicapped and disabled students. Enquiries 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
General			
Bursary Endowment Board*	\$150 pa	Minimum period of approved degree/combined degree course	Merit in HSC and total family income not exceeding \$4000
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

*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
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 the first or second year 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		
Chemical Engineering and Industrial Chemistry			
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 the second year 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 the second year 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 Fuel 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 Fuel Engineering

Undergraduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
Metallurgy			
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 the first or second year 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		
School of Metallurgy	Up to \$500 pa		Eligibility for admission to the first year of the full-time degree course in Metallurgy or Metallurgical Process Engineering
Mining Engineering			
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 the third or fourth year of the full-time degree course in Mining Engineering
Textile Technology			
The Australian Wool Corporation	\$2583 <i>or</i> \$1675 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
Bonds Industries Ltd	Up to \$1600 pa		
Bradmill Industries Ltd			
Bruck (Australia) Limited	\$2583 <i>or</i> \$1675 pa		
Fibremakers Division of ICI Australia Operations Pty Ltd	\$2500 <i>or</i> \$1680 pa		
National Council of Wool Selling Brokers of Australia	Up to \$1500 pa		
Private Treaty Wool Merchants	Up to \$1500 pa		
Textile Council of Australia	\$2583 <i>or</i> \$1675 pa	Eligibility for admission to the full-time degree course in Textile Technology	
Textile Technology Staff	Not less than \$150 pa		
Wool and Pastoral Sciences			
Commercial Banking Company of Sydney Limited	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
Commerce			
CSR Ltd	Up to \$1675 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 first year, for part-time study in the second and third year while employed with the Company and for full-time study in the third and fourth years of the course.

Engineering**Electrical Engineering**

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
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Mechanical Engineering

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

Surveying

The Institution of Surveyors, NSW Division	Under review. Further details from Student Records and Scholarships Office.	Permanent residence in Australia and eligibility for admission to the full-time degree course in Surveying
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Science**Chemistry**

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
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Undergraduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
Mathematics			
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
General			
University of New South Wales Postgraduate Scholarships	Living allowance of \$4620 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 Registrar by 31 October (30 November in special circumstances)
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
Commonwealth Postgraduate Course Awards		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 (in special circumstances applications will be accepted 30 November).

*Available for reference in the University Library.

Graduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
General (continued)			
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 30 September.
Sam Cracknell Memorial	Up to \$3000 pa		See above under Undergraduate Scholarships, <i>General</i>
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 31 October.

*Application forms are available from The Secretary, Department of Education, AAEF Travel Grants, PO Box 826, Woden, ACT 2606.

Graduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
General (continued)			
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: 1. Either members of the Commonwealth or a State Public Service or semi-government Authority. 2. Either staff or graduate students at an Australian university. 3. 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.
Frank Knox Memorial Fellowships at Harvard University	Stipend of \$4000 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 £4000 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§	\$14000 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	\$4620 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			Applicants must be graduates in applied science, agricultural science or veterinary science
Australian Meat Research Committee Award††		Minimum 2 years. Maximum 3 to 4 years.	Awarded for research into the beef and cattle industry leading to the award of the Masters or PhD degree. Applications close 31 July.

*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.

†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.

Graduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
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.
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

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 at least equivalent to that of Commonwealth Postgraduate Awards. 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.
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*Applications to the Registrar, Board of Architects of New South Wales, 196 Miller Street, North Sydney 2060, not later than 31 March each year.

Graduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
Australian Graduate School of Management (continued)			
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.
The Joseph Barling Fellowship	} See below under Engineering		
Harold G. Conde Memorial Fellowship			

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	\$5120 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.
University Fellowship in Highway Engineering	\$4620 pa plus allowances	Course Work: 1 year. Research: 1 year, renewable.	The Fellowship enables scholars to complete a Master of Engineering Science Course in Highway Engineering, or alternatively undertake research leading to a Master of Engineering or PhD degree
Australian Institute of Nuclear Science and Engineering Studentships	Single students \$5105 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.

Graduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
Engineering (continued)			
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

Medicine

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. They may be applied for through the Student Enquiry Counter, unless otherwise indicated.

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 Sandoz Australia Pty Ltd Graduate Research Fellowship in Neurology* Merck, Sharp & Dohme (Aust) Pty Ltd Graduate Research Fellowship in Clinical Pharmacology The Australian Kidney Foundation Australian Tobacco Research Foundation	\$11160-\$12760 pa	1 year renewable	Applications by: 30 May
			31 May
			1 June
			31 August
			1 August
			To enable a suitable graduate to undertake a program of research in neurology
			To enable a suitable graduate to undertake research in clinical pharmacology
			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 to the Registrar.

Graduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
Professional Studies			
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.
Science			
American Optical Corporation Scholarship	\$1000 pa	1 year renewable	To enable a graduate in optometry to undertake study for the award of the degree of Master of Optometry. Inquiries to Dr B. Holden, School of Optometry.
Contavue Laboratories Contact Lens Graduate Research Scholarship			To enable a graduate in optometry, medicine, or other appropriate discipline to undertake the degree of Master of Science or PhD in the Department of Optometry. Enquiries to Dr B. Holden, School of Optometry.
Hydron Laboratories Contact Lens Research Scholarship			
Contact Lens Society of Australia			
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 £2250 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.
Science Research Scholarship of the Royal Commission for the Exhibition of 1851	£2900 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.

§Tenure may be varied in exceptional circumstances.

Graduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
Science (continued)			
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
General		
Sydney Technical College Union Award	50.00 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

Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
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)
Faculty of Commerce		
The Sir Kevin Ellis	700.00	High degree of proficiency throughout combined BCom/LLB 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 Faculties of Applied Science and Engineering	
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
Faculty of Law		
Allen, Allen and Hemsley	200.00	Best performance in 90.900 Special Elective A/Mining Law
The Sir Kevin Ellis	700.00	High degree of proficiency throughout combined BCom/LLB degree course
Corporate Affairs Commission	100.00	Best overall result in 90.401 Business Associations I
Spruson and Ferguson	100.00	Best overall result in 90.424 Industrial and Intellectual Property
Freehill, Hollingdale and Page	100.00	90.444 Elements of Income Tax
	100.00	90.402 Business Associations II
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
NSW Bar Association	200.00	90.101 Litigation
	100.00	Examination in Chief Cross Examination competition
NSW Law Society	100.00	90.321 Conveyancing and Land Transactions
Stephen, Jaques and Stephen— in Communications Law	100.00	90.223 Communications Law
Stephen, Jaques and Stephen— in Constitutional and Administrative Law	150.00	90.216 Constitutional and Administrative Law or 90.213 General Constitutional Law and 90.214 Administrative Law

Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
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
Wallace Wurth	200.00	General proficiency throughout the medical course

School of Accountancy

Australian Society of Accountants	75.00 75.00	14.501 Accounting and Financial Management IA 14.522 Accounting and Financial Management IIA or 14.532 Accounting and Financial Management IIA (Honours)
Chamber of Manufactures of New South Wales	15.00	14.703 Advanced Auditing
Coopers and Lybrand	200.00	14.542 Accounting and Financial Management IIB
Corporate Affairs Commission	100.00	14.542 Accounting and Financial Management IIB
Dattec Pty Ltd	200.00 150.00	14.605 Information Systems IIIB Best honours thesis related to information systems design, data management or management science techniques used for commercial applications
Esso Australia Ltd	500.00	Overall achievement by a student majoring in Accountancy 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	50.00 50.00	14.511 Accounting and Financial Management IB 14.593 Accounting and Financial Management IIIB (Honours)
Law Book Co Ltd	50.00 Books	14.511 Accounting and Financial Management IB
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	75.00	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

Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
School of Architecture		
Board of Architects of New South Wales	100.00	An outstanding graduand in the School of Architecture
Byrne & Davidson Roll-A-Door	100.00	11.121 History of Architecture I
Chamber of Manufactures of New South Wales	15.00	Subject selected by Head of School
Frank Fox Memorial	100.00	11.8511, 11.8521 or 11.8522 Historical Research
James Hardie & Co Pty Ltd	150.00	General proficiency throughout the Bachelor of Architecture degree course
Frank W. Peplow	24.00	Church Architecture
Royal Australian Institute of Architects	100.00	Architectural Design and allied subjects in last two years of Bachelor of Architecture degree course

School of Biotechnology

Mauri Brothers & Thomson (Aust) Pty Ltd	150.00	Best result in the Level II Biotechnology subject
	150.00	Best result in one of the Level III Biotechnology subjects
	150.00	Best result in the Biotechnology honours program

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
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

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	Subject selected by Head of School
CSR Limited	50.00	Subject within the discipline of Industrial Chemistry, selected by Head of School
Chamber of Manufactures of New South Wales	15.00	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
School of Chemical Engineering and Industrial Chemistry (continued)		
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
	100.00	Best performance in 48.135 Thermodynamics
Simon-Carves Australia	21.00	Subject selected by Head of School
Stauffer Australia Limited	50.00	Best overall performance in 48.036 Chemical Engineering Laboratory I in the Bachelor of Engineering degree course
Western Mining Corporation Ltd	150.00	Best overall performance in 48.044 Chemical Engineering Laboratory II in the Bachelor of Engineering degree course
	150.00	

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

Advanced Analytical Chemistry	100.00	} 2.013D Advanced Analytical Chemistry
Australian Consolidated Industries Ltd	60.00	
Chamber of Manufactures of New South Wales	15.00	
CSR Chemicals Ltd	200.00	} Chemistry Honours
Inglis Hudson Bequest	Advised annually	
Jeffery Bequest	40.00	
Merck, Sharp & Dohme (Aust) Pty Ltd	52.50	
	52.50	
The Nestlé Co (Aust) Ltd	175.00	} 2.002B Organic Chemistry I
Tooth & Co Ltd	50.00	
UNSW Chemical Society Parke-Pope	50.00	
UNSW Chemical Society George Wright	50.00	
		2.043L Chemistry and Enzymology of Foods
		Chemistry – Level II subjects in the Science and Mathematics Course
		Chemistry – Level III subjects in the Science and Mathematics Course
		Subject selected by Head of School

Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
School of 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
The Association of Consulting Structural Engineers of New South Wales	100.00	General proficiency – Structures in the Bachelor of Engineering degree course in Civil Engineering
	100.00	General proficiency – Structures in the Bachelor of Science (Engineering) degree course in Civil Engineering
Aztec Transport Services	100.00	8.301 Systems Engineering
Chamber of Manufactures of New South Wales	15.00	Subject selected by Head of School
Crawford Munro Memorial	150.00	Highest proficiency in 8.582 Water Resources II taken for the first time
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
Dillingham Australia Pty Ltd	150.00	Academic and professional excellence shown in the field of construction estimating
Hornibrook	100.00	Proficiency in Engineering Construction and Management
James Hardie Co Pty Ltd	100.00	Highest proficiency in 8.571 Hydraulics I taken for the first time
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 Community Medicine
Health Commission of New South Wales	50.00	79.112 Community Medicine

School of Drama

Fourth Centenary Shakespeare	200.00	Essay on Shakespearean topic
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Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
School of Economics		
Australian Finance Conference	75.00	15.083 Public Finance
Brinds Ltd	100.00	15.013 Economics IIIA (Honours) and 15.033 Economics IIIB (Honours)
Economic Society of Australia and New Zealand	20.00 and one year's membership of the Economic Society	Bachelor of Commerce in Economics, Final Year
The Statistical Society of Australia (New South Wales Branch)	50.00	General proficiency throughout the Bachelor of Commerce degree course in Econometrics

**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	15.00	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 third year 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

School of English

New South Wales Association of University Women Graduates	50.00	English essays – women students only
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School of Food Technology

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

Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
School of Health Administration		
Australian College of Health Service Administrators	100.00	Bachelor of Health Administration degree course
Rupert Fanning Memorial	50.00	Highest average marks obtained in Health Service Agency Management, Management I and Management II
Anthony Suleau	50.00	16.601 Behavioural Science I
Grace Suleau	50.00	14.023 Accounting for Health Administration
School of History		
The Ritchie Medal for Australian History	Medal	Excellence in Australian history – within the Bachelor of Arts degree course
The Winifred Mitchell Medal	Medal	Highest result in first year History subjects by a mature age student
School of Landscape Architecture		
Lindsay Robertson Memorial	100.00	37.7124 Landscape Design and Construction II
School of Marketing		
Australian Posters Outdoor Advertising	125.00	28.042 Consumer Behaviour
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
Lintas International Advertising	500.00	Bachelor of Commerce degree course in Marketing – general proficiency throughout course
Ken Bentley – awarded by the Market Research Society of Australia (NSW Division)	100.00	28.053 Information Management
Philips Industries Holdings Ltd	100.00	28.012 Marketing Systems
School of Mathematics		
ICI Theory of Statistics IV	100.00	Theory of Statistics IV
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)
	30.00	Excellence in 5 or more Level II Mathematics subjects (Arts: 20 credit points or more)
Head of School's	50.00	Excellence in 5 or more Level II Mathematics subjects (Arts: 20 credit points or more)
The Pure Mathematics	50.00	Excellence in Level III Pure Mathematics subjects

Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
School of Mathematics (continued)		
The Applied Mathematics	50.00	Excellence in Level III Applied Mathematics subjects
The Theoretical Mechanics	50.00	Excellence in Level III Theoretical Mechanics subjects
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
W. D. & H. O. Wills (Aust) Ltd Theory of Statistics III	50.00	Higher Theory of Statistics III

School of Mechanical and Industrial Engineering

Atlas Copco	100.00	General proficiency in Bachelor of Engineering degree course in Mechanical Engineering
Austral Crane	75.00	Full-time Year 3 Mechanical Engineering
Babcock Aust Ltd	30.00	Subject selected by Head of School
Chamber of Manufactures of New South Wales	15.00	
CSR Limited	60.00	
Ford Motor Co of Aust Ltd	75.00	
David Carment Memorial	350.00 and medal	Highest proficiency in Final Year of Naval Architecture course
The 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
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	Bachelor of Engineering or Bachelor of Science (Engineering) degree course in Naval Architecture, final year or stage
Staedtler (Pacific) Pty Ltd	100.00 (open order)	General proficiency in Bachelor of Engineering degree course in Mechanical Engineering, Year 2

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	15.00	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

Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
School of Medicine		
W. G. Telleson Memorial	31.50	80.013 Clinical Studies III
School of Metallurgy		
Alcan Australia Ltd	100.00	Subject selected by Head of School
Austral Crane	150.00	
Australian Institute of Metals	50.00	
Australian Welding Institute	30.00	
	Book order	
Chamber of Manufactures of New South Wales	15.00	Subject selected by Head of School
The Broken Hill Proprietary Co Ltd	100.00	
Eagle & Globe Steel Ltd	100.00	
The Electrolytic Refining and Smelting Co of Australia Ltd	20.00	
Western Mining Corporation Ltd	150.00	
	150.00	Best overall performance in Year 3 full-time (or its equivalent part-time) in the 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	70.00	Subject selected by Head of School
School of Mining Engineering		
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

Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
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

School of Optometry

Australian Optometrical Association	200.00	} Subject selected by Head of School
Chamber of Manufactures of New South Wales	15.00	
International Optics	25.00	
Bausch & Lomb Soflens	Diagnostic set of contact lenses	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
Filmer Sceats Memorial	30.00	31.812 Optometry II
Hoya Australia Pty Ltd	250.00	Highest academic record in the Optometry degree course
Hydron (Australia) Pty Ltd	25.00	31.813 Optometry III
	25.00	Optometry Year 4
Theo Kannis	250.00	31.841 Clinical Optometry
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
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
Optometrists' Association of NSW	40.00	
The Optometric Vision Research Foundation	100.00	Research project
Optyl (Australia) Pty Ltd	100.00	31.812 Optometry II
Bryan Powell	100.00	Colour vision section of 31.841 Clinical Optometry
The Keith Woodland Memorial	75.00	Binocular vision component of 31.813 Optometry III and 31.841 Clinical Optometry

Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
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
School of Physics		
Institute of Physics	50.00	Highest aggregate marks in three of the Units 1.013, 1.023, 1.033 and 1.043
Head of School's in Physics	30.00	Most creditable Year 4 honours thesis
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
Physics Staff for Physics I	50.00	Highest mark in 1.011
Physics Staff for Physics II	50.00	Highest aggregate mark in 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 1.513 and 1.523
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 54.112 Political Science II
Shell	100.00	Distinguished performance in the Political Science degree course
The Sydney Morning Herald	100.00	Political Science second year or later

Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
School of Psychiatry		
David Jeremy Keen Memorial	50.00	80.212 Human Behaviour II
John Kerridge Memorial	50.00	Psychiatry, Final Year
School of Psychology		
Australian Psychological Society	100.00	A Year 4 Psychology subject selected by Head of School
Psychology Staff	80.00	Best Psychology Year 2
School of Surgery		
The Royal Australian College of Ophthalmologists	100.00	Essay on Ophthalmological subject
The Graduation Prize in Surgery	100.00	80.400 Integrated Clinical Studies
School of Surveying		
Board of Surveyors Medal	Medal	Bachelor of Surveying degree course, Final Year
R. S. Mather Memorial	75.00	Most outstanding student in Geodesy
School of Textile Technology		
J. B. Speakman	20.00	Undergraduate thesis
R. J. Webster	100.00	General proficiency throughout the Bachelor of Science degree course in Textile Technology
School of Town Planning		
The NSW Planning and Environment Commission	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

Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
School of Wool and Pastoral Sciences		
Bayer Sheep Dip	50.00	General proficiency – Wool and Pastoral Sciences degree course, Year 2 and 3
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
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

W. S. and L. B. Robinson University College

Broken Hill Women's Auxiliary of the Australasian Institute of Mining and Metallurgy	30.00	Performance by a student who achieves second place in a complete stage of a degree course
Mining Managers Association Broken Hill	70.00	Best overall performance in a complete course
Mining Managers Association	40.00	Three prizes: one for each best pass in any complete stage of the degree courses in, respectively, Mechanical Engineering, Mining Engineering, Science
	30.00	Seven prizes to be awarded in individual subjects selected by the Director
Western Mining Corporation Ltd	150.00	Four prizes to be awarded for best performance in 7.314R Mineral Process Technology 7.313R Mineral Processing 7.214R Mine Economics and Planning 7.224R Operational Management

Graduate University Prizes

The following table summarizes the graduate prizes awarded by the University.

Donor/Name of Prize	Value \$	Awarded for
Faculty of Medicine		
FRATADD	250.00	Essay on a clinical or scientific aspect of alcoholism or a drug of dependence (one prize available to undergraduates and graduates)

Australian Graduate School of Management

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
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
Cecil Hall	70.00	The highest degree of general proficiency in a masters degree course offered by the Australian Graduate School of Management
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
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
Pioneer Concrete	150.00	Overall proficiency in 85.101G Accounting Information and 85.132G Finance
Schroder Darling & Company Limited	200.00	85.133G Capital Markets and Institutions

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	150.00	Best overall performance in the Master of Science (Biotechnology) degree course
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Graduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
School of Building		
Alex Rigby	105.00	Master of Science (Building) – Distinguished graduate
School of Chemical Engineering and Industrial Chemistry		
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
School of Chemistry		
Smith, Kline and French	50.00	Best performance in the Graduate Diploma in Food and Drug Analysis course
School of Civil Engineering		
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
School of Education		
New South Wales Institute for Educational Research	25.00	General proficiency in educational research
School of Health Administration		
2/5 Australian General Hospital Association	150.00	General proficiency in Master of Health Administration or Master of Health Planning degree courses
School of Mathematics		
J. R. Holmes	50.00	Master of Arts pass degree course in Mathematics
School of Optometry		
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

Rules and Procedures

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.

General Conduct

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'.

Admission and Enrolment

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 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.

Admission Requirements

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 1983 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.

Matriculation and Admission Requirements for Entry in 1983

Bachelor Degree Courses

Requirements for Entry in 1983 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 1982 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.

Subjects approved by the Professorial Board:

Agriculture	Industrial Arts
Ancient History	Italian
Arabic	Japanese
Art	Latin
Chinese	Latvian
Classical Greek	Lithuanian
Croatian	Macedonian
Czech	Mathematics
Dutch	Modern Greek
Economics	Modern History
English	Music
Estonian	Polish
Farm Mechanics	Russian
Food and Textile Science	Science
French	Serbian
General Studies	Sheep Husbandry and Wool
Geography	Technology
German	Slovenian
Hebrew	Spanish
Home Science	Textiles 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.

University Prerequisite Requirements

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: English 2 u English or 3 u English French 2 u Z French or 2 u French or 3 u French Russian 2 u Russian or 3 u Russian Intermediate German A 2 u Z German or 2 u A German or 2 u German or 3 u German Introductory German B 2 u Z German or 2 u A German or 2 u German or 3 u German or Spanish 2 u Spanish or 3 u Spanish Introductory Spanish B 2 u A Spanish	31-100 1-100 91-100 31-100 11-100 31-100 31-100 91-100 81-100 51-100 51-100 31-90 31-80 31-50 31-50 31-100 11-100 71-100
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 Chemistry) 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
Chemistry – Pure and Applied	FT or PT	2 u Mathematics or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics or Chemistry) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100
Economics	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
Econometrics Economics and Econometrics Economic History	FT or PT FT or PT 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
Engineering – Aeronautical Engineering – Ceramic Engineering – Chemical Engineering – Civil Engineering – Electrical Engineering – Industrial Engineering – Mechanical Engineering – Metallurgical Process Engineering – Mining Engineering – Mining (Broken Hill only)	FT or PT FT FT or PT FT or PT FT or PT FT or PT FT or PT FT FT 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 31-100 31-100 31-100 31-100 31-100 31-100
Food Technology	FT or PT	2 u Mathematics or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics or Chemistry) 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
Geography – Applied <i>Applied Economic Geography Option</i>	FT	2 u Mathematics or 3 u Mathematics or 4 u Mathematics and 2 u A English or 2 u English or 3 u English and either 2 u Geography or 3 u Geography or 2 u Economics or 3 u Economics	51-100 11-100 1-100 31-100 21-100 11-100 71-100 31-100
<i>Applied Physical Geography Option</i>	FT	2 u Mathematics or 3 u Mathematics or 4 u Mathematics and 2 u Science (any strand) or 4 u Science (multistrand)	51-100 11-100 1-100 31-100 31-100
Geology – Applied	FT	2 u Mathematics or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics or Chemistry) or 4 u Science (multistrand)	71-100 21-100 1-100 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 or 2 u English or 3 u English	51-100 21-100 1-100 31-100 21-100 11-100
Jurisprudence	FT	Nil	
Landscape Architecture	FT	Nil	

Course	Full-time or Part-time	HSC Prerequisites for Compulsory First Year Subjects	Percentile Range Required
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 or 2 u English or 3 u English as above	51-100 21-100 1-100 31-100 21-100 11-100 as above
Law/Commerce (Economics)	FT	as above	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 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 Chemistry) 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
Mineral Processing (Broken Hill only)	PT	2 u Mathematics or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics or Chemistry) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100
Naval Architecture	FT or 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
Optometry	FT	2 u Mathematics or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics or Chemistry) or 4 u Science (multistrand) or 2 u Science (other than Physics or Chemistry)	71-100 21-100 1-100 31-100 31-100 51-100
Psychology (Professional)	FT	2 u Mathematics or 3 u Mathematics or 4 u Mathematics or 2 u Science (any strand) or 4 u Science (multistrand)	51-100 11-100 1-100 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: Biology 2 u Science (any strand) or 4 u Science (multistrand) Chemistry 2 u Mathematics or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics or Chemistry) or 4 u Science (multistrand) or 2 u Science (other than Physics or Chemistry)	51-100 11-100 1-100 31-100 31-100 71-100 21-100 1-100 31-100 31-100 51-100

Course	Full-time or Part-time	HSC Prerequisites for Compulsory First Year Subjects	Percentile Range Required
Science and Mathematics <i>continued from foot of previous column</i>		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 Chemistry) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100
Science/ Education	FT	2 u Mathematics or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics or Chemistry) or 4 u Science (multistrand)	71-100 21-100 1-100 31-100 31-100
Social Work	FT	Nil	
Surveying Surveying Science	FT or Sand- wich	2 u Mathematics or 3 u Mathematics or 4 u Mathematics and 2 u Science (Physics or Chemistry) or 4 u Science (multistrand)	71-100 21-100 1-100 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 (any strand) or 4 u Science (multistrand)	51-100 11-100 1-100 31-100 31-100

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.

Special Mature Age Unmatriculated Admission Scheme

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 1983 can be obtained by contacting the Admissions Office of the University.

Enrolment as a Miscellaneous Student

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.

Requirements for Entry in 1984 in terms of the NSW Higher School Certificate Examination

At the time of publication the requirements for matriculation and admission in 1984 are the same as those for 1983.

Enrolment Procedures and Fees Schedules 1983

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 1983 must lodge an application for selection with the Universities and Colleges Admissions Centre, GPO Box 7049, Sydney 2001, by 1 October 1982.

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 1982.

4. Restrictions Upon Re-enrolling

Students who in 1982 have infringed the rules governing re-enrolment should not attempt to re-enrol in 1983 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 (18 March 1983) 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 (1 April 1983) 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 (5 August 1983) 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 (29 April 1983). 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 (2 September 1983).

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 \$28

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 1982 and are therefore subject to an increase in 1983.

University Union annual subscription	\$80
Sports Association annual subscription	\$17
Students' Union Annual Subscription	
Students enrolling in full-time courses	\$22
Students enrolling in part-time courses or as miscellaneous students	\$17
Miscellaneous Fund annual fee	\$28

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	\$11
Review of examination results for each subject	\$11

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*.

(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 1, 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:

31 March 1983 for Session 1 only and whole year subjects;
19 August 1983 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 (22 April or 9 September)

(b) for whole year subjects, the end of the second week of Session 2 (5 August).

*Institutions approved are: Australian Film and Television School, New South Wales Institute of Technology, Sydney College of Advanced Education and Sydney College of Chiropractic.

(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 possible student activities fee refunds in the case of complete withdrawal from a course.

Details of the refunds which may be available may be obtained from the Student Enquiry Counter, the Chancellery.

(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 (22 April or 9 September) will be incorporated in the *Confirmation of Enrolment Program* notice forwarded to students on 2 May 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.

Private Overseas Students

Private overseas students should visit the Commonwealth Department of Education immediately on first arrival in Australia. The address is Sydney Plaza Building, 59 Goulburn Street, Sydney.

Private overseas students continuing their studies should confirm their enrolment with the Commonwealth Department of Education as early as possible each year in order to ensure that arrangements for the extension of their temporary entry permits can be made.

All private overseas students must advise the Department if they change their term residential address during the year. Telephone enquiries should be directed to (02) 218 8979, and country students may reverse the charge for the call.

Leave of Absence

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.

Course Transfers

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 14 January 1983.

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 1982 of their intention to transfer.

the degree or award for which he seeks to register by satisfactory completion of a program of study deemed by the Board to be less than that required of a student in full-time attendance in the final year of the course in which the applicant seeks 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 applicant seeks to transfer for work done in the course from which the student transfers.

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, then a student who merely completes 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.

Admission with Advanced Standing

Any person who makes 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 a student transfers from another university such student shall not in general be granted standing in this University which is superior to what he has in the University from which he transfers;

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 applicant, shall not be such as will permit the applicant to qualify for the degree or award for which he seeks to register without completing the courses of instruction and passing the examinations in at least those subjects comprising the latter half of the course, save that where such a program of studies would involve the applicant repeating courses of instruction in which the Board deems the applicant 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 applicant to qualify for

Resumption of Courses

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.

Examinations

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 Chancellery) 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 an 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 will be graded as follows:

High Distinction	an outstanding performance
Distinction	a superior performance
Credit	a good performance
Pass	an acceptable level of performance
Satisfactory	satisfactory completion of a subject for which graded passes are not available

Pass Conceded

A pass conceded may be granted to a student whose overall performance warrants consideration in a subject where the mark obtained is slightly below the standard required for a pass.

A pass conceded in a subject will normally allow progression to another subject for which the former subject is a prerequisite. In a particular subject, however, a subject authority may specify that a pass conceded is insufficient to meet a particular subject prerequisite. Such information is recorded in the appropriate faculty handbooks.

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 and change of address forms are obtainable at the Student Enquiry Counter, the Chancellery. Both forms can be accepted up to Friday 24 June for Session 1 results and Friday 25 November 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 in 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.

Restrictions upon Students Re-enrolling

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.

*See Schedule A immediately below.

Repeated Failure Rule

2. Students shall be required to show cause 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 Professorial 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 exclude 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* Elective subjects: UV 0 All other subjects: UV equal to the allocated hours*
Arts	18 first-level credit points	3400, 3410	
Biological Sciences	2 subjects (or their Science unit or Arts credit-point equivalent)	3430	
Commerce	Three subjects Two subjects	3490-3595 FT in both sessions 3490-3595 PT in either session	
Engineering	Half the program	3600-3750	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*

*For details see the appropriate Faculty Handbook.

Faculty/Board of Studies	Minimum Requirement	Course	Unit Values (UV)
Professional Studies	Half the program	4030, 4040	All subjects: UV 1
		4070-4080	One-session subjects: UV 1 Two-session subjects: UV 2
Science	Half the program	3910, 3950	All subjects: appropriate UV* General Studies: UV 1
Science and Mathematics	Half the program	3970	All subjects: appropriate UV* General Studies: 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 additional form *Final Year Students' Graduation: Change of Address*.

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 2 May and 19 September. It is not necessary to return these forms unless any of the information recorded is incorrect. Amended forms must be returned to the Student Records and Scholarships Office within fourteen days. Amendments notified after the closing date will not be accepted unless exceptional circumstances exist and approval is obtained from the Registrar. Amended forms returned to the Registrar will be acknowledged in writing within fourteen days.

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.

*For details see the appropriate Faculty Handbook.

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.

Change of Address

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.

Ownership of Students' Work

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.

Notices

Official University notices are displayed on the notice-boards 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.

Parking within the University Grounds

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.

Academic Dress

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	3270/3290	BSc(Arch)	3	4
Architecture (old course)	3370	BSc(Arch)	3	—
Architecture (old course)	3300	BArch	6	6
Industrial Arts	3310	BSc	4	—
Industrial Arts	3320	BSc (Ind Arts) DipEd	4	5
Landscape Architecture	3380	BLArch	4	4
Building ¹	3330	BBuild	4	4
Town Planning	3360	BTP	5	5

Full-time (continued)

Course	Course Code	Degree	Duration in Years Pass Honours	
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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, Finance and Systems	3510	BCom	3	4
Economic History	3590	BCom	3	4
Economic History ²	3595	BCom DipEd	4	—
Economics	3530	BCom	3	4
Economics ³	3535	BCom DipEd	4	—
Econometrics	3560	BCom	3	4
Economics/Econometrics (Honours)	3580	BCom	—	4
Industrial Relations	3550	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
Surveying ³	3740	BSurv	4	4
Surveying Science	3760	BSurvSc	4	4
Arts/Electrical Engineering ⁴	3720	BE BA	5	6
Science/Civil Engineering	3730	BE BSc	5	6
Science/Electrical Engineering	3725	BE BSc	5	5

Faculty of Law

Arts/Law ⁵	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

Course	Course Code	Degree	Duration in Years Pass Honours	
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Faculty of Law (continued)

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 ⁶	4790	LLB	3	—

Faculty of Medicine

Medicine	3800	MB BS	5	5
Science/Medicine ⁷	3820	BSc MB BS	6	7 ⁸
Medical Science ⁷	3830	BMedSc	1	—

Faculty of Military Studies

Arts	4400	BA	4	5
Science	4410	BSc	4	5
Engineering	4420	BE	5	5

Faculty of Professional Studies

Health Administration	4040	BHA	3	4
Social Work	4030	BSW	4	4
Science/Diploma in Education ⁹				
Mathematics	4070	BSc DipEd	4	5
Science	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 ⁹ .			

1. A maximum of seventeen semesters may be taken to complete the course.

2. Not available in 1983.

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. Students intending to take an Honours BA degree course are advised to complete the course and then seek admission to a three-year LLB degree course.

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	
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Faculty of Applied Science

Mining Engineering ¹⁰ .	4200	BE	7	7
Ceramics	3030	BSc(Tech)	6	—
Chemical Engineering	3040	BE	7	7
Food Technology	3070	BSc(Tech)	6	—
Industrial Chemistry	3110	BSc(Tech)	6	—
Metallurgy	3130	BSc(Tech)	6	—
Mineral Processing ¹⁰ .	4220	BSc(Tech)	6	6

Faculty of Architecture

Architecture	3370	BSc(Arch)	6	—
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Faculty of Commerce ¹¹.

Accounting, Finance and Systems	3510	BCom	6	7
Economic History	3590	BCom	6	7
Economics	3530	BCom	6	7
Economics/ Econometrics (Honours)	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 ¹² .	3600	BSc(Eng)	6	—
Aeronautical Engineering	3610	BE	6	6
Civil Engineering	3620	BE	7	7
Electrical Engineering	3640	BE	6	6
Electrical Engineering ¹² .	3650	BSc(Eng)	6	—
Industrial Engineering	3660	BE	6	6
Industrial Engineering ¹² .	3670	BSc(Eng)	6	—
Mechanical Engineering	3680	BE	6	6
Mechanical Engineering ¹² .	3690	BSc(Eng)	6	—
Naval Architecture	3700	BE	6	6
Naval Architecture ¹³ .	3710	BSc(Eng)	6	—

Course	Course Code	Degree	Duration in Years Pass Honours	
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Faculty of Law

Law	4790	LLB	6	—
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Faculty of Professional Studies

Health Administration ¹³ .	4040	BHA	6	8
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Faculty of Science

Pure and Applied Chemistry	3910	BSc	6	8
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Board of Studies in Science and Mathematics

Science and Mathematics	3970	BSc	7	9
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¹⁰. Reference Broken Hill: is completed on a mixed full-time and part-time basis. No new enrolments are being accepted into this course.

¹¹. With the approval of the Head of School concerned, each of the part-time Commerce courses may be completed in five years.

¹². No new enrolments are being accepted into this course.

¹³. Part-time on an external basis; available in exceptional cases only.

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†, Doctor of Law† and Doctor of Letters† may be awarded for published work of distinguished merit in any one of these fields.

The degree of Doctor of Philosophy*† 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*† either requires a similar program of study or may be awarded on the basis of published work.

The University also offers masters degrees*† by research and by course work, as well as various courses leading to the award of a graduate diploma‡. Details are outlined on the following pages.

Graduate Study (continued)

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		Duration/Years	
	Research /Course	Course Code	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		
Mineral Exploration	C	8091	1	2
Minerals Engineering	C	8055	1	2
Mining Geomechanics	C	8056	—	2
Remote Sensing	C	8026	1	2

School/Course	Type		Duration/Years	
	Research /Course	Course Code	Full-time	Part-time

ME

Chemical Engineering and Industrial Chemistry	R	2155		
Metallurgy	R	2170		
Mining Engineering	R	2180		

MEnvStudies

Environmental Studies	C	8045	1	2
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MSc

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		

GradDip

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
Wool and Pastoral Sciences	C	5081	1	2

Faculty of Architecture

PhD

Built Environment	R	1120		
Built Environment	R & C	1121		
Architecture	R	1130		
Building	R	1140		
Industrial Arts	R	1170		
Landscape Architecture	R	1160		
Town Planning	R	1150		

MArch

Architecture	R	2200		
Built Environment	R	2201		

MArchDes

Architectural Design	C	8140		
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MBuild

Building	R	2210		
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MEnv

Built Environment	R	2240		
Built Environment (Building Conservation)	C	8130		

MID

Industrial Design	C	8145	1	2
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Graduate Study (continued)

School/Course	Type	Course Code	Duration/Years	
	Research /Course		Full-time	Part-time

Faculty of Architecture (continued)

MLArch

Landscape Architecture R 2220

MSc

Industrial Arts R 2205

MSc(Acoustics)

Acoustics C 8100 — 2

MSc(Building)

Building C 8110 — 2

MSc(Industrial Design)

Industrial Design C 8146 1

MTP

Town Planning R 2230 2 —

GradDip

Housing and Neighbourhood Planning C 5200 — 2

Landscape Design C 5210 — 2

Faculty of Arts

PhD

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

MA(Hons)

Drama R 2260

Economics R 2270

English R 2280

French R 2290

Geography R 2300

German Studies R 2311

History R 2320

History R & C 2325 1½1. 2/41.

History and Philosophy of Science R 2330

School/Course	Type	Course Code	Duration/Years	
	Research /Course		Full-time	Part-time
Mathematics	R	2340		
Philosophy	R	2350		
Political Science	R	2360		
Psychology	R	2250		
Russian	R	2370		
Sociology	R	2380		
Sociology	R & C	2385	1½1.	2/41.
Spanish and Latin American Studies	R	2390		
MA				
English	C	8170	—	2
French	C	8210	—	2
German Studies	C	8200	1	2
History	C	8180	—	2
Interdisciplinary Studies	C	8240	1½.	2/3½.
Mathematics	C	8160	—	2
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

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

MSc(Psychol)

Psychology C 8255 1½ 3

GradDip

Biochemical Engineering C 5320 1 2

Biotechnology C 5340 1 2

Faculty of Commerce

PhD

Accountancy R 1520

Economics R 1540

Marketing R 1550

Organizational Behaviour R 1600

Graduate Study (continued)

School/Course	Type	Course Code	Duration/Years	
	Research /Course		Full-time	Part-time

Faculty of Commerce (continued)

MCom(Hons)

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

MCom

Commerce	C	8470	2	3
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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	1	2
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ME

Civil Engineering	R	2650		
Electrical Engineering and Computer Science	R	2661		
Industrial Engineering	R	2680		
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
Remote Sensing	C	8640	1	2

School/Course	Type	Course Code	Duration/Years	
	Research /Course		Full-time	Part-time

MSafetySc

Safety Science	C	8670	1½	3
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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		
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MSurvSc

Surveying Science	C	8650	1	2
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GradDip

Engineering Developments

Civil	C	5471	1	2
Biomedical	C	5472	1	2
Electrical	C	5473	1	2
Human Communication	C	5474	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
Safety Science	C	5480	1	2
Surveying	C	5490	1	2
Transport	C	5460	1	2

Faculty of Law

PhD

Law	R	1730		
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LLM

Law	R	2440		
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Faculty of Medicine

MD

Anatomy	R	0420		
Community Medicine	R	0430		
Medicine	R	0350		
Obstetrics and Gynaecology	R	0380		
Paediatrics	R	0410		
Pathology	R	0360		
Physiology and Pharmacology	R	0370		
Psychiatry	R	0390		
Surgery	R	0400		

Graduate Study (continued)

School/Course	Type	Duration/Years		
	Research /Course	Course Code	Full-time	Part-time

Faculty of Medicine (continued)

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
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MS

Surgery	R	2860		
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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

PhD

Chemistry	R	1870		
Civil Engineering	R	1630		
Economics	R	1540		
Electrical and Electronic Engineering	R	1642		
Government	R	1320, 1220		
Geography	R	1080, 1220		
History	R	1240		
English	R	1200		
Mathematics	R	1880		
Mechanical Engineering	R	1661		
Physics	R	1890		

School/Course	Type	Duration/Years		
	Research /Course	Course Code	Full-time	Part-time

MA(Hons)

Economics	R	2270		
Government	R	2400		
Geography	R	2300		
History	R	2320		
English	R	2280		
Mathematics	R	2340		

ME

Civil Engineering	R	2650		
Electrical and Electronic Engineering	R	2660		
Mechanical Engineering	R	2691		

MEngSc

Electrical and Electronic Engineering	C	8510	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

Graduate Study (continued)

School/Course	Type	Duration/Years	
	Research /Course	Course Code	Full-time Part-time

Faculty of Professional Studies (continued)

MHP

Health Planning	C	8940	1	2
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MLib

Librarianship	R	2980		
Librarianship	C	8920	1	2

MNA

Nursing Administration ^{3.}	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-ArchivAdmin

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

Optometry	R	1860		
Chemistry	R	1870		
Mathematics	R	1880		
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	Duration/Years	
	Research /Course	Course Code	Full-time Part-time

MSc

Optometry	R	2900		
Chemistry	R	2910		
Mathematics	R	2920		
Physics	R	2930		

MScSoc

History and Philosophy of Science	C	8780	—	2
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MStats

Statistics	C	8750	2	4
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DipFDA

Food and Drug Analysis	C	5510	1	2
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Australian Graduate School of Management

PhD

AGSM	R&C	1350		
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MBA

Business Administration	C	8350	2	—
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MPA

Public Administration	C	8360	2	—
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Board of Studies in General Education

PhD

General Studies	R	1920		
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MGenStud

General Studies	R	2430		
General Studies	C	9100	—	2

Professorial Board

PhD

Health Personnel Education	R	1840		
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MHPed

Health Personnel Education	R	2885		
Health Personnel Education	C	9000	1½ ^{4.}	2½ ^{4.}

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	Part-time	Duration in Years	
		Full-time	Part-time			Pass/Honours	Full-time Part-time
Accounting, Finance and Systems	Commerce	3510	3510	BCom	BCom	3/4	6/7
Accountancy	Commerce	8470	8470	MCom	MCom	2	3
		2630	2630	MCom(Hons)	MCom(Hons)	2	3
Acoustics, see also Architecture	Architecture		8100		MSc(Acoustics)		2
Aeronautical Engineering	Engineering	3610	3600§ 3610	BE	BSc(Eng)§ BE	4	6§ 6/6
Anatomy, see also Cellular Biology, Human Structure and Function, Medical Science	Medicine	3810		BMedSc		*	
	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3	7/8-9
Applied Geography, see Geography							
Applied Geology, see Geology							
Architectural Design	Architecture	8140	8140	MArchDes	MArchDes	1	2
Architecture	Architecture	3270/3280		BArch		5/5	
		3270/3290		BSc(Arch)		3/4	
		3370	3370	BSc(Arch)	BSc(Arch)	3	6
		3300		BArch		6/6	
Archives Administration, see Information Management							
Arid Lands Management	Applied Science	8025		MAppSc		1	
		5025		GradDip		1	
Behavioural Science, see Organizational Behaviour							
Biochemical Engineering	Biological Sciences	5320	5320	GradDip	GradDip	1	2
Biochemistry, see also Cellular Biology, Human Structure and Function, Medical Science	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
	Medicine	3810		BMedSc		*	
Biomedical Engineering	Engineering	8660	8660	MBiomedE	MBiomedE	1	2
Bioprocess Engineering, see also Chemical Engineering	Applied Science	8000	8000	MAppSc	MAppSc	1	2
Biotechnology, see also Food Technology	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	

§No new enrolments are being accepted into this course.

*See Faculty of Medicine Handbook for details.

Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation	Part-time	Duration in Years	
		Full-time	Part-time			Pass/Honours	Full-time Part-time
Botany	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
Building	Architecture	3330		BBuild		8/17 semesters	
			8110		MSc(Building)	2	
Built Environment (Building Conservation)	Architecture	8130	8130	MBEnv	MBEnv	1	2
Business Administration	AGSM	8350		MBA		2	
Cellular Biology	Medicine	3800		MB BS		5	
Ceramic Engineering, <i>see also Metallurgy</i>	Applied Science	3025		BE		4/4	
Ceramics, <i>see also Metallurgy</i>	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 Pure and Applied Chemistry</i>	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 Accountancy, Economics, Economic History, Econometrics, Industrial Relations, Marketing, and Organizational Behaviour</i>	Commerce		3500		BCom		4/5***
		8470	8470	MCom	MCom	2	3
Computer Science, <i>see also Electrical Engineering</i>	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 Economics</i>	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 Economics</i>	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

**By combination of full-time and part-time study the duration may be reduced.

*See Faculty of Medicine Handbook for details.

***Year I part-time only, following years full-time.

†Not offered in 1983.

Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation	Part-time	Duration in Years	
		Full-time	Part-time			Pass/Honours	Full-time Part-time
Economics/Econometrics	Commerce	3580	3580	BCom(Hons)	BCom(Hons)	—/7	—/7
Education							
Arts	Arts	3410		BA DipEd		4/5	
Industrial Arts	Architecture	3320		BSc (Ind Arts)		4/5	
				DipEd			
Mathematics	Professional Studies	4070		BSc DipEd		4/5	
Science		4080		BSc DipEd		4/5	
Education	Professional Studies	8910	8910	MEd	MEd	1	2
Education		5660		DipEd		1	2
Educational Administration		8960	8960	MEdAdmin	MEdAdmin	1	2
Electrical and	Military Studies	8510	8510	MEngSc	MEngSc	1	2
Electronic Engineering							
Electrical Engineering	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
Engineering Developments	Engineering						
Civil		5471	5471	GradDip	GradDip	1	2
Biomedical		5472	5472	GradDip	GradDip	1	2
Electrical		5473	5473	GradDip	GradDip	1	2
Human Communication		5474	5474	GradDip	GradDip	1	2
Industrial		5475	5475	GradDip	GradDip	1	2
Mechanical		5476	5476	GradDip	GradDip	1	2
Nuclear		5477	5477	GradDip	GradDip	1	2
Surveying		5478	5478	GradDip	GradDip	1	2
Engineering Geology – Hydrogeology – Environmental Geology	Applied Science	8020	8020	MAppSc	MAppSc	1	2
English	Arts	3400		BA		3/4	
			8170		MA		2
Environmental Geology, <i>see</i> <i>Engineering Geology</i>							
Environmental Studies	Applied Science	8045	8045	MEnv Studies	MEnv Studies	1	2
Exploration Geochemistry, <i>see</i> <i>Geology</i>							
Exploration Geophysics, <i>see</i> <i>Geology</i>							
Food and Drug Analysis	Science	5510	5510	DipFDA	DipFDA	1	2
Food Engineering	Applied Science	8035	8035	MAppSc	MAppSc	1½	
Food Technology	Applied Science	3060	3070	BSc	BSc(Tech)	4/4	6**
		8030	8030	MAppSc	MAppSc	1	2
		5020	5020	GradDip	GradDip	1	2
French	Arts	3400		BA		3/4	
		8210	8210	MA	MA	2	2
Fuel Technology	Applied Science	3040	3040**	BE	BE**	4/4	7/7**
		8060		MAppSc	MAppSc	1	2
General Studies	Board of Studies in General Education		9100		MGenStud		2

**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	Part-time	Duration in Years	
		Full-time	Part-time			Pass/Honours	Full-time Part-time
Geography	Applied Science	3010		BSc		4/4	
	Board of Studies in Science and Mathematics	3970		BSc		3/4	
Geology	Applied Science	3000		BSc		4/4	
		8092	8092	MAppSc	MAppSc	1	2
		8093	8093	MAppSc	MAppSc	1	2
	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
German Studies	Arts	3400		BA		3/4	
		8200	8200	MA	MA	1	2
Health Administration	Professional Studies	4040	4040	BHA	BHA	3/4	6/8
		8900	8900	MHA	MHA	2	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		BA		3/4	
		8180	8180	MA	MA	2	3
		2325	2325	MA(Hons)	MA(Hons)	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	8630	MEngSc	MEngSc	1	2
		5440	5440	GradDip	GradDip	1	2
Human Structure and Function	Medicine	3800		MB BS		5	
<i>Hydrogeology, see Engineering Geology</i>							
Industrial Arts	Architecture	3310		BSc		4	
		3320		BSc(IndArts) DipEd		4/5	
Industrial Chemistry, <i>see also Chemical Engineering</i>	Applied Science	3100	3110	BSc	BSc(Tech)	4/4	6
Industrial Design	Architecture	8145	8145	MID	MID	1	2
		8146	8146	MSc(Industrial Design)	MSc(Industrial Design)	1	2
Industrial Engineering	Engineering	3660	3670§	BE	BSc(Eng)§	4	6§
			3660		BE		6/6
		8530	8530	MEngSc	MEngSc	1	2
Industrial Relations, <i>see also Economics</i>	Commerce	3550	3550	BCom	BCom	3/4	6/7
		2540	2540	MCom(Hons)	MCom(Hons)	2	3
		8470	8470	MCom	MCom	2	3
Information Management	Professional Studies						
Archives Administration		5601	5601	DiplM-Archiv Admin	DiplM-Archiv Admin	1	2
Librarianship		5591		DiplM-Lib		1	
Integrated Clinical Studies, <i>see Clinical Studies</i>							
Interdisciplinary Studies	Arts	8240	8240	MA	MA	1	2

†Administering body.

*Minimum time allowed.

§No new enrolments are being accepted into this course.

Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation	Part-time	Pass/Honours Duration in Years	
		Full-time	Part-time			Full-time	Part-time
Landscape Architecture, <i>see also Architecture</i>	Architecture	3380		BLArch		4/4	
Landscape Design	Architecture		5210		GradDip		2
Law	Law						
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	
Jurisprudence/Law		4780		BJuris LLB		5	
Jurisprudence		4720		BJuris		3	
Law		4790	4790	LLB	LLB	3	6
Librarianship, <i>see also Information Management – Archives Administration</i>	Professional Studies	8920	8920	MLib	MLib	1	2
Information Science		8920	8920	MLib	MLib	1	2
Library Management		8920	8920	MLib	MLib	1	2
Marine Science	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/9
Marketing	Commerce	3490	3490	BCom	BCom	3/4	6/7
		2530	2530	MCom(Hons)	MCom(Hons)	2	3
		8470	8470	MCom	MCom	2	3
Mathematics	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
	Arts	3400		BA		3/4	
			8160		MA		2
	Science	8740	8740	MMath	MMath	1	2
Mechanical Engineering	Engineering		3680		BE		6/6
		3680	3690§	BE	BSc(Eng)§	4	6§
		8540	8540	MEngSc	MEngSc	1	2
Medical Science	Medicine	3830		BMedSc		1	
Medicine, <i>see also 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	
Metallurgical Process Engineering, <i>see also Metallurgy</i>	Applied Science	3180		BE		4/4	
Metallurgy	Applied Science	3120	3130	BSc	BSc(Tech)	4/4	6
<i>see also Ceramic Engineering and Ceramics</i>		8050	8050	MAppSc	MAppSc	1	2
Microbiology, <i>see also Paraclinical Science</i>	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
	Medicine	3810		BMedSc		*	

§No new enrolments are being accepted into this course.

*See Faculty of Medicine Handbook for details.

Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation		Duration in Years	
		Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
Military Studies, see also Electrical Engineering							
Mineral Exploration, see also Geology	Applied Science	8091	8091	MAppSc	MAppSc	1	2
Mineral Processing**, see also Mining Engineering	Applied Science		4220§		BSc(Tech)§		6§
Minerals Engineering, see also Mining Engineering	Applied Science	8055	8055	MAppSc	MAppSc	1	2
Mining and Mineral Engineering, see Mining Engineering	Applied Science	5040	5040	GradDip	GradDip	1	2
Mining Engineering	Applied Science	3140 4190§	4210§ 4200§	BE BE§	BSc(Eng)§ BE§	4/4 4/4§	6§ 7/7§
Mining Geomechanics	Applied Science	8056	8056	MAppSc	MAppSc		2
Naval Architecture	Engineering		3700 3710§		BE BSc(Eng)§		6/6 6§
Nuclear Engineering	Engineering	8550	8550	MEngSc	MEngSc	1	2
Nursing Administration**	Professional Studies	8950	8950	MNA	MNA	1	2
Obstetrics and Gynaecology	Medicine	3800		MB BS		5	
Optometry	Science	3950		BOptom		4	
		8760	8760	MOptom	MOptom	1	2
Organizational Behaviour	Commerce	2520 8470	2520 8470	MCom(Hons) MCom	MCom(Hons) MCom	2 2	3 3
Paediatrics	Medicine	3800		MB BS		5	
			9010		MPaed		3
Paraclinical Science	Medicine	3800		MB BS		5	
Pathology, see also Paraclinical Science, Clinical Studies	Medicine	3810		BMedSc		*	
Pharmacology, see Paraclinical Science, Medical Science							
Philosophy	Arts	3400 8190		BA MA		3/4 1	
			8190		MA		2
Physics	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	
Physiology, see also Cellular Biology, Human Structure and Function	Medicine	3810		BMedSc		1	
	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
Political Science	Arts	3400		BA		3/4	
Polymer Science, see Chemical Engineering							
Psychiatry	Medicine	3800		MB BS		5	

§No new enrolments are being accepted into this course.

*See Faculty of Medicine Handbook for details.

**The date of commencement of this course has not been determined.

Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation	Part-time	Duration in Years	
		Full-time	Part-time			Pass/Honours	Full-time Part-time
Psychology	Biological Sciences	3430		BSc		4	
		8250	8250	MPsychol	MPsychol	2	3
		8255	8255	MSc(Psychol)	MSc(Psychol)	1½	3
		3970	3970	BSc	BSc	3/4	7/8-9
	Board of Studies in Science and Mathematics						
	Arts	3400		BA		3/4	
Public Administration	AGSM	8360		MPA		2	
Pure and Applied Chemistry, <i>see also Chemistry</i>	Science	3910	3910	BSc	BSc	3	4
Remote Sensing	Applied Science	8026	8026	MAppSc	MAppSc	1	2
	Engineering	8500*	8500*	MEngSc	MEngSc	1	2
Russian	Arts	3400		BA		3/4	
Safety Science	Engineering	8670	8670	MSafetySc	MSafetySc	1½	3
		5480	5480	GradDip	GradDip	1	2
			8780		MScSoc		2
Science and Society	Science						
Science/Civil Engineering	Board of Studies in Science and Mathematics	3730		BE BSc		5/6	
	Board of Studies in Science and Mathematics						
Science/Electrical Engineering	Board of Studies in Science and Mathematics	3725		BE BSc		5/5	
	Board of Studies in Science and Mathematics						
Science/Law	Board of Studies in Science and Mathematics	4770		BSc LLB		5/7	
	Medicine	3820		BSc MB BS		6/7	
Science/Medicine	Board of Studies in Science and Mathematics	3951		BSc BOptom		5/6	
Science/Optometry							
	Arts	3420		BSocSc		4	
Social Science	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(Hons)	MA(Hons)	1½**	2/4
		3400		BA		3/4	
Spanish and Latin American Studies	Arts						
Statistics, <i>see also Econometrics and Mathematics</i>	Science	8750	8750	MStats	MStats	2	4
Surgery, <i>see Clinical Studies</i>							
Surveying	Engineering	3740\$	3740\$	BSurv\$	BSurv\$	4/4\$	6/7\$
		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

*Also includes Courses 8510, 8520, 8530, 8540, 8550, 8560, 8570, 8580, 8590, 8600, 8610, 8620, 8630, 8640.

†Subject to approval of Head of School.

**Minimum time allowed.

\$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.

Summary of Disciplines of the University

For details of the disciplines within each faculty consult the relevant faculty handbook.

Faculty of Applied Science

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 (3040) 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, biochemistry, 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 general and cell 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 basic geological science to instruction in practical application with such topics as geomechanics, exploration and mining geology, engineering geology, exploration geophysics, and petroleum geology. Geology is a major study in the Science and Mathematics course (3970) and a minor study in the Arts Course (3400).

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. A physical metallurgy and chemistry option is also available as part of the BSc BE combined degree program in Civil Engineering (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 (3020 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. The part-time courses are available at Broken Hill only.

There are formal graduate courses: in Minerals Engineering (8055), 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. First year is similar to that of Science (3970) and Electrical Engineering (3640), and transfer can usually be arranged in either direction at the end of the first year without loss of standing.

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.

Faculty of Architecture

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 (Architecture) degree course and the Bachelor of Science (Architecture) with degree courses at honours level (3270/3290). 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. This course is under review.

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).

Faculty of Arts

All the disciplines in the Faculty of Arts constitute major sequences for the award of the Bachelor of Arts degree (3400).

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 an attempt to sum up the world and our knowledge of it, approaching in a spirit of enquiry such fundamental problems as the foundations of morality, the grounds of religious belief, the source and reliability of knowledge and the relation of body and mind. While not of practical value in a vocational sense, except for those who wish to become university teachers, philosophy illuminates most other disciplines because of the critical attitude it engenders, in particular in theology, mathematics, history, politics, psychology and aesthetics. Philosophy 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 School of Russian offers courses in the language, literature, history and culture of the Russian people. The period covered is from the eleventh century to the present day.

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.

Faculty of Biological Sciences

Biochemistry

Biochemistry is a study of the 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). Particular aspects of biotechnology are included in the electrical engineering, food technology and industrial chemistry courses. 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 an 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 vertebrate biology, invertebrate biology, marine ecology or entomology.

logy. Zoology may also be taken as a minor study in the Science and Mathematics course (3970).

Faculty of Commerce

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, Economics 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. The Department of Organizational Behaviour offers full-time and part-time graduate courses, 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.

Faculty of Engineering

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 degree by full-time study, leading to the award of the degree of Bachelor of Engineering, Bachelor of Surveying or Bachelor of Surveying Science; by part-time study, leading to the award of the degree of Bachelor of Engineering or Bachelor of Science (Engineering); or by a combination of full-time and part-time study. In the School of Electrical Engineering and Computer Science, the content of the BE and BSc(Eng) degree courses is basically similar. In the

School of Surveying, the BSurv degree course may also be taken in a sandwich form by alternating periods of full-time study with periods of employment.

The School of Nuclear Engineering, the Centres for Bio-medical 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 and this allows for flexibility of choice between formal course work and research, together with the possibility of interdisciplinary studies. A Master of Engineering Science program in Remote Sensing (8640) is also available.

The Faculty also offers master degree courses in Bio-medical Engineering (8660), Safety Science (8670) and Surveying (2720), 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) 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 is a formal graduate course leading to the award of the degree of Master of Engineering Science (8610), and 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, Computing Science, Electric Power Engineering, Electronics, and Systems and Control. There are four degree courses: the full-time BE (3640), the part-time BSc(Eng) (3650), 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. 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.

Two formal graduate courses are offered: the Master of Engineering Science in Industrial Engineering (8530) and in Mechanical Engineering (8540), and 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.

One formal course leading to the award of the Master of Engineering Science (8550) degree is 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 graduate programs leading to the award of the degree of Master of Biomedical Engineering (8600) 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) 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.

Faculty of Law

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 course (4790) available only to graduates or graduands; and a Bachelor of Jurisprudence 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 course the LLB (4790), may be taken part-time, and enrolment in this is limited.

Faculty of Medicine

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 course (3800). Anatomy may also be taken as a major study in the combined Science and Medical 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 Studies and Human Behaviour I and Human Behaviour II in the Bachelor of Medicine Bachelor of Surgery course (3800). It teaches Community Medicine in the Bachelor of Medicine Bachelor of Surgery course and the combined Science and Medical 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 course (3800) and the combined Science and Medical 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 course (3800) and the combined Science and Medical 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 course (3800) and the combined Science and Medical 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 post-mortem demonstrations.

Pathology is taught in Paraclinical Science, Medical Science and Integrated Clinical Studies in the Bachelor of Medicine Bachelor of Surgery course (3800) and the combined Science and Medical 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 course (3800) and the combined Science and Medical 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, psycho-neuroses, 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 course (3800). The School also teaches Human Behaviour and Psychiatry in the combined Science and Medical 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 course (3800) and the combined Science and Medical 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.

Faculty of Professional Studies

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 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).

Faculty of Science

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 three formal graduate courses: a Master of Mathematics (8740) and a Master of Statistics (8750) offered by the Faculty of Science and an MA degree course (8160) at pass level, offered by the Faculty of Arts.

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. 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 application to experimental results, as well as with 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).

Physics may also be taken as a minor study in this course and in the course in Science Education (4080).

There is one formal graduate course: the Master of Physics (8730).

Australian Graduate School of Management

Graduate courses in management leading to 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.

Board of Studies in Science and Mathematics

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.

Board of Studies in General Education

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).

Professorial Board

Centre for Medical Education Research and Development

The Centre offers graduate studies leading to the award of the Master of Health Personnel Education degree (9000) by formal coursework and project, or by research thesis (2885), and a Doctor of Philosophy degree (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 profession. Consequently, participants in this program are usually the teachers of such students.

Identification of Subjects by Number

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 subject 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 numerical 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 Department of 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

School, Department etc	Faculty
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
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 School of Russian	Arts
60 Faculty of 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	
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	

Course Outline

Centre for Medical Education Research and Development

The Centre was established by Council in 1973 within the Faculty of Medicine for the purposes expressed in its title.

Regional Teacher Training Centre for Health Personnel

The Centre for Medical Education Research and Development 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 at regional level as the Regional Teacher Training Centre (RTTC) for Health Personnel 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 Centre for Medical Education Research and Development (CMERD) provides educational services to the Faculty of Medicine in the University of New South Wales.

The Centre offers graduate courses leading to the award of the degrees of Doctor of Philosophy (PhD) (1840), Master of Health Personnel Education (by research) (2885) (MHPed) and Master of Health Personnel Education (by formal course work) (MHPed) (9000). The conditions for the award of these degrees are set out later in this volume under Conditions for the Award of Degrees.

Doctor of Philosophy*

1840

Doctor of Philosophy PhD

This course consists of a program of advanced study and research in the field of Health Personnel Education.

Master of Health Personnel Education*

The Centre offers programs of study leading to the award of the degree of Master of Health Personnel Education either by research or by formal course work.

2885

Master of Health Personnel Education (By Research)

Master of Health Personnel Education MHPed

This course is designed for teachers and/or educational administrators in the health professions who wish to develop their research skills by undertaking studies leading to the award of the degree of Master of Health Personnel Education, either as full-time or part-time internal students or as students external to the University.

An original investigation under the direction of a supervisor for a minimum period of three academic sessions in the case of a full-time candidate, or a minimum of four academic sessions in the case of a part-time or external candidate is required.

The candidate is required to submit a thesis embodying the results of the original investigation.

*The course is administered by the Professorial Board.

9000**Master of Health Personnel Education
MHPEd**

The course is designed to further the competence of health personnel educators with particular regard to the health care needs of their respective countries. A major emphasis in the course is on student activity, individually and in small groups.

The master's degree course requires either one year of full-time course work plus a six months field project or two years of part-time course work plus a six months field project. All students are required to undertake at least four of the nominated subjects described below plus additional subjects from Academic Electives and/or Independent Studies to give a total of 24 credit points. Each credit point is equivalent to one class contact hour per week over one session. A six months field project is usually carried out in the student's own country and a report on the work is required.

Nominated Subjects

<i>Session 1</i>	<i>Hours per week</i>
40.101G Learning and Teaching	2
40.102G Educational Process in Small Groups	2
40.103G Instructional Design	2
40.104G Organization and Management for Health Personnel Education	2
40.106G Teaching Skills	2
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	10
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Session 2

40.105G Curriculum Planning	2
40.107G Assessment of Students	2
40.108G Program Evaluation and Planned Change	2
	—
	6
	—

Academic Electives

Electives are designed to enable candidates to pursue their own interests or specialties by taking subjects, normally at a graduate level, at the University of New South Wales. Elective subjects are to be chosen by a student in consultation with the Director of the Regional Teacher Training Centre from the graduate subjects offered within the University. When an elective offered by another school is taken, the approval of the Head of that school must be obtained. The following is a list of elective subjects offered by the Centre.

<i>Session 1</i>	<i>Hours per week</i>
40.110G Workshop in Culture, Subculture and Communication	2
40.115G Educational Selection	1
40.116G Trends in Health Sciences Curricula	1
40.118G Clinical Problem Solving	1
40.123G Production of Audiovisual Materials	2

Session 2

	<i>Hours per week</i>
40.113G Evaluation of Instructors	2
40.117G Explorations in Personal Learning	2
40.119G Clinical Decision Making	1
40.121G Large Group Teaching	2
40.122G Primary Health Care	2
40.124G Clinical Teaching	1
40.125G Planning, Conducting and Evaluating Educational Workshops	1

Independent Studies

Independent Studies are designed to provide opportunities for candidates to pursue interests and areas not adequately addressed by existing subjects. They are particularly recommended for candidates who wish to pursue specific educational problems within their own institutions or disciplines.

**40.109G
Project**

All candidates are required, in addition to formal course work, to complete a project and project report. This is to be planned while the candidate is at the University of New South Wales. The project may focus on an area of health personnel education relevant to the candidate's professional interests and development and to the furthering of health personnel education.

Subject Descriptions

Graduate Study**40.101G Learning and Teaching****S1 L2**

A primary focus is on the conditions which are necessary for learning and the responsibilities these imply for teaching. Stages of the learning process are outlined and the important factors in learning are developed within this framework. Class work rests heavily on the experiences of participants which provide a practical framework for the discussion of theories of learning and teaching.

Integrates closely with 40.103G.

**40.102G Educational Process
in Small Groups****S1 L2**

How people operate as members and leaders of groups. The conditions underlying effective group work in the areas of educational planning, teaching and learning and the provision of health care. Theories of group structure and process; emphasis on experiential learning and field observation of group process.

Improving individual skills in listening, communicating, leading, counselling and consulting and group skills in goal setting, team building, problem solving, conflict resolution and evaluation.

40.103G Instructional Design

S1 L2

Concentrates on application of skills and knowledge gained in 40.101G and the development of the ability to design instruction which is optimal for various learning objectives and conditions. Critical variables in instruction are identified and discussed in relation to their implications for design of instruction. The rationale for choosing and using media in the design principles for instruction and the methods of effective presentation.

40.104G Organization and Management for Health Personnel Education

S1 L2

Designed for students to evaluate critically existing organizational patterns relevant to health personnel education. Emphasis is placed on the participants' experiences as members of organizations and the effect of organizations on their individual performance. Important studies are introduced to explore whether there can be 'ideal' organizational arrangements and management styles. The project work attempts to develop skills in analysing organizations.

40.105G Curriculum Planning

S2 L2

Builds on the competency based model of instructional development introduced in 40.103G but places greater emphasis on developments in curricula in the health professions which have taken place; considers the factors leading to these developments, and the methods by which changes have been introduced. Emphasis on a number of institutional case studies from different health professions; the processes used in making decisions between curriculum options for new courses and in introducing changes into existing courses; alternative approaches to the competency based model of curriculum planning.

40.106G Teaching Skills

S1 L2

The practical aspects of teaching methods. Problems experienced by the candidates in their own situation. Certain theories and principles of learning as they apply to the various teaching methods studied. Emphasis is on microteaching (reinforcement, questioning, explaining).

40.107G Assessment of Students

S2 L2

The assessment of student performance in all its aspects, after an introduction to the process, scope and purpose of educational evaluation. The place of student assessment within the curriculum, and the concept of measurement and its requisites, leading to a review of the different types of assessments commonly used by participants to assess student learning in all its domains. The practical aspects of the designing, administration and scoring of such assessments, and attempts to identify ways of improving such procedures. The utilization of test scores and other assessment data in educational decision making.

40.108G Program Evaluation and Planned Change

S2 L2

Aims include 1. Understanding the role of evaluation in educational planning and development. 2. Understanding the dynamics of planned change in education. 3. Acquisition of skills in identifying and solving selected educational problems. 4. Gaining knowledge and skill, viz practical approaches to program evaluation. 5. Gaining knowledge and skill, viz strategies for planned change.

40.109G Project

Provides an opportunity for the candidate to focus on an area of health personnel education relevant to the candidate's professional interests and development and to the furthering of health personnel education.

40.110G Workshop in Culture, Sub-culture and Communication

S1 L2

An Academic Elective. How culture controls thinking and behaviour and the meaning attached to the behaviour of others in professional/client and teacher/learner situations. The multi-cultural group of health professionals dealing with education uses its own intercultural experiences to reveal difficulties in communication and learning related to different teaching formats and styles, and studies the relation between sub-culture and health beliefs, including the sub-culture of the health professions, and the relationship of health, illness and solutions to culture and sub-culture.

40.113G Evaluation of Instructors

S2 L2

An Academic Elective. This seminar pertains to concepts, research and development in the evaluation of instructors. Emphasis on the methods by which evaluative feedback could be provided and used for the purpose of improvement of instruction, and how to increase the effectiveness of feedback in bringing about behavioural changes. It is expected that candidates would acquire skills in the design and use of evaluation instruments which are effective in improving instruction.

40.115G Educational Selection

S1 L1

An Academic Elective. A continuing concern of educational institutions is the method used for selection into the institutions. Much of the debate is limited by a lack of awareness of problems such as defining of criteria, measuring factors other than high school performance, establishing relationships between selection measures and performance criteria. Aims to introduce students to these problems and to review attempts elsewhere to expand selection methods. Includes: formal selection procedures (job analysis and definition of competencies, predictor and criteria developments, methods of validation); common instruments used for selection in the medical and health field; development and use of attitude measurements, problems of cross-cultural transfer of selection measures, and innovations in selection for medical education.

40.116G Trends in Health Sciences Curricula

S1 L1

An Academic Elective. Supplements 40.105G Curriculum Planning. Trends in health sciences curricula. Includes: integrated curricula, emphasis on community medicine, introduction of social and behavioural sciences, elective programs, early patient contact, nutrition education, problem-solving approaches and accelerated programs.

Literature review in a circumscribed area, dealing with the nature of the trend, factors which determine it, its advantages and disadvantages and pitfalls in implementation. Discussion with specific case studies and personal experiences.

40.117G Explorations in Personal Learning

S2 L2

An Academic Elective. The examination of theoretical and practical aspects of adult learning with the aim of relating research findings to the practicalities of teaching undergraduates. Stress on the exploration of the group's own prior learning experiences and individual responses to classroom events. Aims mainly to increase each participant's understanding of the major factors involved in adult learning and to apply this to his or her own teaching activities, with some stress on the nature of the connections between teaching and learning and the skills required to monitor teaching activities. Topics include: learning environments, the role of the emotions, motivation, the influence of assessment, the effects of different teaching styles, teacher and course characteristics.

40.118G Clinical Problem Solving S1 L1

How clinicians sort out illness situations, explore problems, interpret unreliable data and classify an illness as a disease diagnosis. The structure of clinical problems and of clinical memory, diagnostic strategies, effectiveness and efficiency, investigation and the value of information, Bayesian calculation, and the nature of clinical judgement. Clinical, educational and research implications of empirical studies of professional/client interaction.

40.119G Clinical Decision Making S2 L1

Rational choice in investigation and management of clinical problems, decision analysis, expected utility, subjective and objective probabilities, threshold influences, optimizing or satisficing, minimax and maximax approaches, judgement.

40.121G Large Group Teaching S2 L2

An Academic Elective. The process of explaining considered central to large group teaching; analysis of this process, dealing with the qualities and components of effective explaining. The types of lectures ranging from didactic to inductive, and the various ways in which lectures are structured, leading to an examination of the relationship between lecturing and learning. Strategies for improvement of lectures, and alternatives to lectures.

40.122G Primary Health Care S2 L2

An Academic Elective. The concept of primary health care and its emergence as the priority health care approach in developing countries. Emphasis on the training implications of primary health care programs, together with different definitions of the concept including the role of Primary Health Care in social and economic development, and its relationship to existing health care systems.

40.123G Production of Audio Visual Materials S1 L2

The use of audio visual materials and equipment; production of software (charts, transparencies, slides, film, videotape and audiotape); principles guiding the selection of teaching aids for self-paced learning, teaching in small groups and large group presentation. A major requirement for assessment is the selection and preparation of instructional media appropriate to a specific teaching situation in the student's base institution

40.124G Clinical Teaching S1 L2

An Academic Elective. Drawing upon real life clinical practice and observing teaching sessions of their own, their peers and others, participants have the opportunity to explore the nature of clinical teaching and learning in selected programs, and to identify ways of improving teaching skills and maximizing students' learning.

40.125G Planning, Conducting and Evaluating Educational Workshops S1 L2

An Academic Elective. In an attempt to develop their skills in all aspects of conducting workshops, participants are guided to develop a plan for a workshop for their colleagues in an important educational area, with opportunity to practice various techniques for enhancing active participation, and subsequently to actually conduct the workshop and evaluate its process and outcomes, and report on it.

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: Faculty Table (Undergraduate Study)** earlier in the Calendar.

Higher Degrees

Conditions for the award of the degrees of Doctor of Medicine and Doctor of Philosophy, 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 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 Architecture	MArch	Architecture
Master of Archives Administration	MArchiv Admin	Professional Studies
Master of Arts	MA(Hons)	Arts
	MA	Military Studies Arts
Master of Biomedical Engineering	MBiomedE	Engineering
Master of Building	MBuild	Architecture
Master of the Built Environment	MBEnv	Architecture
Master of the Built Environment (Building Conservation)		
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
Master of Engineering <i>without supervision</i>		Engineering Military Studies
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	Calendar†
Master of Health Planning	MHP	Professional Studies
Master of Industrial Design	MID	Architecture
Master of Landscape Architecture	MLArch	Architecture
Master of Laws by Research	LLM	Law
Master of Librarianship	MLib	Professional Studies
Master of Mathematics	MMath	Sciences*
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
Master of Science <i>without supervision</i>		Architecture Engineering Medicine Military Studies Sciences*§
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)	Biological Sciences
Master of Social Work	MSW	Professional Studies

for footnotes, see overleaf

Title	Abbreviation	Calendar/Handbook
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	Applied Science
		Architecture
		Engineering
		Sciences§
		Sciences*
	DipFDA	Professional Studies
	DipEd	
	DipIM-ArchivAdmin	
	DipIM-Lib	

*Faculty of Science.

†Professorial Board.

§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.

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.

*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.

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 (or contributions) of distinguished merit to Letters.

Doctor of Letters (DLitt)

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 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 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.

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.

**See this footnote earlier in this section.

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 the Faculty of Law Higher Degree Committee shall conduct the examination or 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:

(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

**See this footnote earlier in this section.

(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

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:

Registration

(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.

*Or department where a department is not within a school.

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.

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 in 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.

*Or department where a department is not within a school.

**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.

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.

Registration

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.

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.

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.

*Or department where a department is not within a school.

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.

11. On completing the course of study every candidate must submit a thesis which complies with the following requirements: Thesis

(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.

15. The candidate shall give in writing two months' notice of intention to submit the thesis.

**Entry for
Examination**

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.

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.

**Master of Health
Personnel Education
(MHPEd)
(By Formal
Course Work)**

Qualifications

1. The degree of Master of Health Personnel Education may be awarded by the Council on the recommendation of the Professorial Board Committee on Health Personnel Education (hereinafter referred to as the Committee) to a candidate who has satisfactorily completed a program of advanced study**.

2. An applicant for registration for the degree shall:

- (1) (a) have graduated from an appropriate four-year full-time undergraduate course in the University of New South Wales or other approved university or tertiary institution at a level of performance acceptable to the Committee; and
- (b) have had teaching and/or administrative experience of not less than two full-time years or its equivalent at a level acceptable to the Committee.
- (2) In special circumstances a person may be permitted to register as a candidate for the degree if that person submits evidence of such academic, teaching and professional experience as may be approved by the Committee.
- (3) Notwithstanding any other provisions of these conditions the Committee may require an applicant to demonstrate fitness for registration by carrying out such work and sitting for such examinations as the Committee may determine.

*Or department where a department is not within a school.

**For details, see Course Outline earlier in this volume.

3. (1) An application to register as a candidate shall be made on the prescribed form which shall be lodged with the Registrar at least two months before the commencement of the session in which the candidate desires to commence registration.

Registration

(2) A candidate for the degree shall be required to undertake such course of formal study and pass such examinations as prescribed by the Committee and to submit a satisfactory report on an approved subject.

(3) Except with the approval of the Committee, no candidate shall be considered for the award of the degree until the lapse of three sessions in the case of a full-time candidate or five sessions in the case of a part-time candidate from the date from which registration becomes effective. The Committee may, in exceptional circumstances, approve remission of up to one session in the case of a full-time candidate and up to two sessions in the case of a part-time candidate.

(4) The progress of a candidate shall be reviewed annually by the Committee and as a result of such review the Committee may terminate the candidature.

4. (1) A project report shall normally be submitted within one year of the completion of the formal section of the course. In special circumstances extensions of time may be granted by the Committee.

Project

(2) The work involved in the project may, with the approval of the Committee, be carried out externally.

(3) The report shall be under the supervision of a member of the academic staff and shall be examined by two examiners. The satisfactory completion of the project shall be regarded as part of the annual examinations.

5. Consequent upon consideration of the examiners' reports and the candidate's other results in the prescribed course of study, the Committee shall recommend whether the candidate may be admitted to the degree.

Recommendation for Admission to Degree

6. An approved candidate shall pay such fees as may be determined from time to time by the Council.

Fees

1. The degree of Master of Health Personnel Education (by Research) may be awarded by the Council on the recommendation of the Professorial Board Committee on Health Personnel Education (herein referred to as the Committee) to a candidate who has demonstrated ability to undertake research by the submission of a thesis embodying the results of an original investigation.

**Master of Health
Personnel Education
(MHPed)
(By Research)**

2. (1) A candidate for the degree shall:

Qualifications

(a) have been awarded an appropriate four-year full-time Bachelor's degree of the University of New South Wales or other approved university or tertiary institution at a level acceptable to the Committee.

(b) have had teaching and/or administrative experience of not less than two full-time years or its equivalent at a level acceptable to the Committee.

(2) In exceptional cases an applicant who submits such other evidence of academic and professional qualifications as may be approved by the Committee may be permitted to enrol for the degree.

(3) When the Committee is not satisfied with the qualifications submitted by an applicant the Committee may require the applicant, before being permitted to enrol, to undergo such examination or carry out such work as the Committee may prescribe.

Enrolment and Progression

3. (1) An application to enrol as a candidate for the degree shall be made on the prescribed form which shall be lodged with the Registrar at least one calendar month before the commencement of the session in which enrolment is to begin.

Where possible the applicant before submitting an application should obtain the approval of the Director of the Centre for Medical Education Research and Development for the proposed program of study.

(2) In every case, before permitting a candidate to enrol, the Committee shall be satisfied that adequate supervision and facilities are available.

(3) An approved candidate shall be enrolled in one of the following categories:

(a) full-time attendance at the University;

(b) part-time attendance at the University;

(c) external – not in regular attendance at the University and using research facilities external to the University.

(4) A candidate shall be required to undertake an original investigation on a topic approved by the Committee. The candidate may also be required to undergo such examination and perform such other work as may be prescribed by the Committee.

(5) The work shall be carried out under the direction of a supervisor appointed by the Committee from the full-time members of the University staff.

(6) The progress of the candidate shall be reviewed annually by the Committee following a report by the candidate, the supervisor and the Director of the Centre for Medical Education Research and Development and as a result of such review the Committee may cancel enrolment or take such other action as it considers appropriate.

(7) No candidate shall be awarded the degree until the lapse of not less than three complete academic sessions in the case of a full-time candidate or not less than four academic sessions in the case of a part-time or external candidate from the date of enrolment.

(8) A full-time candidate for the degree shall present for examination not later than four academic sessions from the date of enrolment. A part-time or external candidate for the degree shall present for examination not later than eight academic sessions from the date of enrolment. In special cases an extension of these times may be granted by the Committee.

Thesis

4. (1) On completing the program of study a candidate shall submit a thesis embodying the results of the original investigation.

(2) The candidate shall give in writing two months notice of intention to submit the thesis.

(3) The thesis shall 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.

(4) The candidate may also submit any work previously published whether or not such work is related to the thesis.

(5) Three 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.

(6) It shall be understood that the University retains the three 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 in microfilm or other copying medium.

5. (1) There shall be not fewer than two examiners of the thesis, appointed by the Professorial Board on the recommendation of the Committee, at least one of whom shall be external to the University unless the Committee is satisfied that this is not practicable.

Examination

(2) 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:

(a) the candidate be awarded the degree without further examination; or

(b) the candidate be awarded the degree without further examination subject to minor corrections being made to the satisfaction of the Director of the Centre for Medical Education Research and Development; or

(c) 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

(d) 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

(e) the candidate be not awarded the degree and be not permitted to resubmit the thesis.

(3) If the performance at the further examination recommended under (2) (c) above 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 it but not exceeding eighteen months.

(4) The Committee shall after consideration of the examiner's reports and the reports of any oral or written or practical examination, recommend whether or not the candidate may be awarded the degree.

6. A candidate shall pay such fees as may be determined from time to time by the Council.

Fees

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.

(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 Higher Degrees Unit.

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 Higher Degrees Unit.

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)
Degrees for which candidates are required to submit 3 copies of a thesis to the Registrar	
Master of Archives Administration	2985
Master of Arts <i>at honours level</i>	2250-2400
Master of Architecture	2200-2201
Master of Building	2210
Master of the Built Environment – by research	2240
Master of Commerce <i>at honours level</i> – by thesis	2520-2640
Master of Engineering	2155-2180 2650-2700
Master of Education <i>at honours level</i>	2990
Master of Educational Administration <i>at honours level</i>	2945

1.

Degrees	Course Code(s)
Master of Engineering Science – by 36 credit thesis	8500-8630
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 Social Work – by research	2970
Master of Surveying	2720
Master of Surveying Science – by 36 credit thesis	8650
Master of Town Planning	2230
2. Degrees for which candidates are required to submit 3 copies of a project report to the Registrar	
Master of Biomedical Engineering	8660
Master of Engineering Science – by 18 credit project report	8650
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
3. Degrees for which candidates are required to submit 2 copies of a project report to the Registrar	
Master of the Built Environment (Building Conservation) – by formal study	8130
Master of Commerce <i>at honours level</i> – by project	2520-2640
Master of Environmental Studies	8045
4. Degrees for which candidates are required to submit 3 copies of a project report to the Head of School	
Master of Chemistry	8770
Master of Psychology	8250
5. Degrees for which candidates may be required to submit 2 copies of a project report to the Head of School	
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
Master of Education	8910

Degrees	Course Code(s)
Master of Educational Administration	8960
Master of Engineering Science – by 9 credit project	8500-8630
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 Optometry	8760
Master of Paediatrics	9010
Master of Public Administration	8360
Master of Physics	8730
Master of Science (Biotechnology)	8260
Master of Science and Society	8780
Master of Social Work – by formal study	8930
Master of Statistics	8750
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
Higher Degree
Theses**

The University holds that no thesis submitted for a higher degree should be retained in the Library for record purposes only, but 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 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 thesis (Form 1); **2.** withhold the right of the University Librarian to publish the thesis (Form 2); or **3.** allow the University Librarian to publish the thesis under certain conditions (Form 3).

**Declarations
Controlling Use
of Theses**

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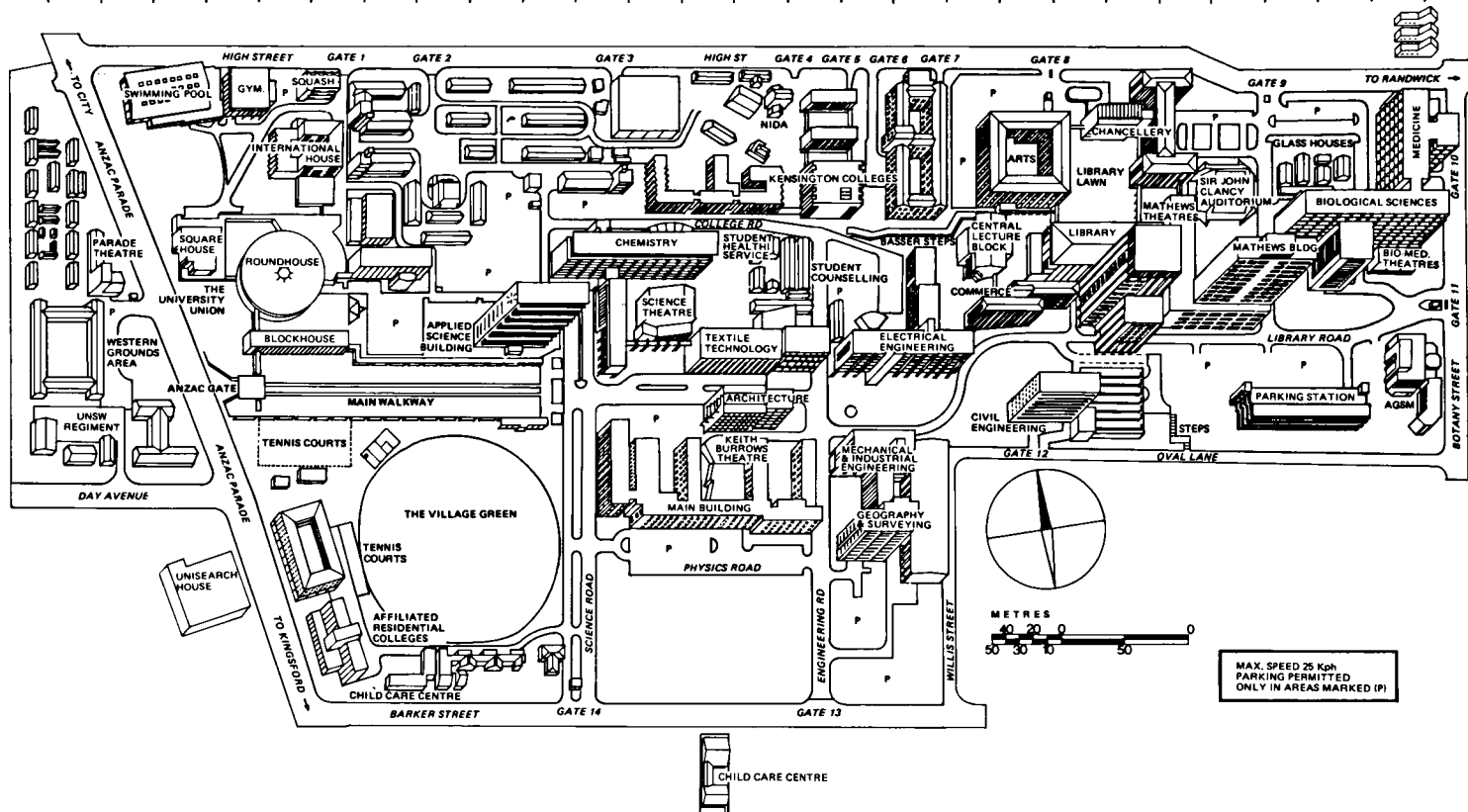
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 Fees Office C22
 Food Technology F10
 French C20
 General Staff Office C22
 General Studies C20
 Geography K17
 German Studies C20
 Graduate School of the Built
 Environment H14
 Health Administration C22
 History C20
 History and Philosophy of Science C20
 Industrial Arts C1
 Industrial Engineering J17
 Institute of Languages G14
 Institute of Rural Technology B8b
 Japanese Economic and Management
 Studies Centre G14
 Kanga's House O14
 Kindergarten (House at Pooh Corner) N8
 Landscape Architecture H14
 Law (Faculty Office) E21
 Law Library E21

Librarianship F23
 Library E21
 Lost Property F20
 Marketing F20
 Mathematics F23
 Mechanical Engineering J17
 Medicine (Faculty Office) B27
 Metallurgy E8
 Microbiology D26
 Mining Engineering K15
 Music B11b
 National Institute of Dramatic Art C15
 Nuclear Engineering G17
 Off-campus Housing C22
 Optometry J12
 Organizational Behaviour F20
 Pathology C27
 Patrol and Cleaning Services F20
 Philosophy C20
 Physics K15
 Physical Education and
 Recreation Centre (PERC) B5
 Physiology and Pharmacology C27
 Political Science C20
 Postgraduate Extension Studies (Closed
 Circuit Television) F20
 Postgraduate Extension Studies (Radio
 Station and Administration) F23
 Psychology F23
 Public Affairs Unit C22
 Regional Teacher Training Centre C27
 Russian C20
 Science and Mathematics Course
 Office F23
 Social Work G2
 Sociology C20
 Spanish and Latin American Studies C20
 Sport and Recreation E4
 Student Counselling and Research E15c
 Student Health E15b
 Student Records C22
 Students' Union E4
 Surveying K17
 Teachers' College Liaison Office F15b
 Tertiary Education Research Centre E15d
 Textile Technology G14
 Town Planning K15
 University Archives C22
 University Press A28
 University Union (Blockhouse) G6
 Wool and Pastoral Sciences B8a
 Zoology D26

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