



The University of New South Wales

Calendar

Summary Volume

1981

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



Granted by the College of Heralds, London
3 March 1952

Heraldic Description of Arms

Argent on a Cross Gules a Lion passant guardant between four Mullets 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

1981

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New South Wales is:

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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 8 September 1980, 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.

The Academic Year

1981

Session 1 (14 weeks)	2 March to 10 May May Recess: 11 May to 17 May 18 May to 14 June Midyear Recess: 15 June to 19 July
Examinations	16 June to 1 July
Session 2 (14 weeks)	20 July to 23 August August Recess: 24 August to 30 August 31 August to 1 November Study Recess: 2 November to 8 November
Examinations	9 November to 27 November

Faculties other than Medicine

First and Second Years	As for other faculties
Third and Fourth Years	Term 1 (10 weeks) 27 January to 5 April Term 2 (9 weeks) 13 April to 10 May May Recess: 11 May to 17 May 18 May to 21 June Term 3 (9 weeks) 29 June to 30 August Term 4 (10 weeks) 7 September to 15 November
Fifth Year	Term 1 (8 weeks) 27 January to 22 March Term 2 (8 weeks) 30 March to 24 May Term 3 (8 weeks) 1 June to 26 July Term 4 (8 weeks) 3 August to 27 September Term 5 (8 weeks) 6 October to 29 November

Faculty of Medicine

January 1981

Th	1	New Year's Day – Public Holiday
F	2	Last day for applications for review of results of annual examinations
S3/Su4		
M	5	
T	6	Australian Graduate School of Management Higher Degree Committee, 1.40 pm Arts Higher Degree Committee, 2.15 pm
W	7	
Th	8	
F	9	Last day for acceptance of applications by Admissions Office for transfer to another undergraduate course within the University
S10/Su11		
M	12	Admissions Committee of Professorial Board, 2.15 pm
T	13	
W	14	Commerce Higher Degree Committee, 2 pm
Th	15	Applied Science Higher Degree Committee, 10 am Research and Higher Awards Committee, 10 am
F	16	Engineering Higher Degree Committee, 10 am
S17/Su18		
M	19	
T	20	
W	21	Professional Studies Higher Degree Committee, 2 pm
Th	22	Architecture Higher Degree Committee, 2 pm Health Personnel Education Committee, 2 pm
F	23	
S24/Su25		
M	26	Australia Day – Public Holiday
T	27	Term 1 begins – Medicine III, IV and V Australian Graduate School of Management Higher Degree Committee, 1.40 pm Science Higher Degree Committee, 2 pm Australian Graduate School of Management Executive Committee, 2.40 pm
W	28	Executive Committee of Professorial Board, 2 pm
Th	29	Applied Science Executive Committee, 10 am Architecture Executive Committee, 2 pm
F	30	Military Studies Higher Degree Committee, 9.30 am Military Studies Executive Committee, 10.30 am
S	31	

February 1981

Su	1	
M	2	Public Relations Committee, 8.30 am Student Affairs Committee, 10.15 am Finance Sub-Committee, 11.30 am Personnel Sub-Committee, 12 noon Council, 2 pm
T	3	Professorial Board, 10 am Science and Mathematics Executive Committee, 2 pm
W	4	Commerce Higher Degree Committee, 2 pm Professional Studies Higher Degree Committee, 2 pm Graduation Ceremony, Medicine, 2.30 pm
Th	5	Applied Science Higher Degree Committee, 10 am Enrolment period begins for new undergraduate students and undergraduate students repeating first year
F	6	Engineering Higher Degree Committee, 10 am Engineering Executive Committee, 2 pm
S7/Su8		
M	9	Biological Sciences Higher Degree Committee, 2 pm Buildings and Equipment Committee, 3 pm Academic Committee, 4 pm
T	10	General Education Higher Degree Committee, 11 am Law Executive Committee, 11 am Law Higher Degree Committee, 12 noon Australian Graduate School of Management Board of Studies, 1.40 pm Arts Higher Degree Committee, 2.15 pm
W	11	
Th	12	Research and Higher Awards Committee, 10 am
F	13	Resources Allocation Advisory Committee, 2 pm
S14/Su15		
M	16	Enrolment period begins for second and later year undergraduate students and graduate students enrolled in formal courses
T	17	Library Committee of Professorial Board, 10.30 am Australian Graduate School of Management Higher Degree Committee, 1.40 pm Science Higher Degree Committee, 2 pm
W	18	Medicine Higher Degree Committee, 2 pm Medicine Executive Committee, 3 pm
Th	19	
F	20	
S21/Su22		
M	23	Term 1 begins – Faculty of Military Studies Admissions Committee of Professorial Board, 2.15 pm Executive Committee of Council, 3 pm
T	24	Science Executive Committee, 2 pm
W	25	Executive Committee of Professorial Board, 2 pm Professional Studies Higher Degree Committee, 2 pm
Th	26	Applied Science Faculty, 10 am Architecture Faculty, 2 pm
F	27	Military Studies Higher Degree Committee, 9.30 am Engineering Higher Degree Committee, 10 am Military Studies Faculty, 10.30 am Engineering Faculty, 2 pm
S	28	

March 1981

Su	1	
M	2	Session 1 begins – all courses except Medicine III, IV and V 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
T	3	Professorial Board, 10 am Science and Mathematics Executive Committee, 2 pm Arts Higher Degree Committee, 2.15 pm
W	4	Commerce Executive Committee, 2 pm Professional Studies Executive Committee, 2 pm
Th	5	Applied Science Higher Degree Committee, 10 am Architecture Higher Degree Committee, 2 pm
F	6	
S7/Su8		
M	9	Personnel Sub-Committee, 12 noon Council, 2 pm
T	10	General Education Higher Degree Committee, 11 am General Education Executive Committee, 12 noon Science Faculty, 2 pm Arts Executive Committee, 2.15 pm
W	11	Commerce Higher Degree Committee, 2 pm Medicine Faculty, 4.30 pm List of graduands for April/May ceremonies and 1980 prizewinners published in <i>The Sydney Morning Herald</i>
Th	12	Continuing Education Committee of Professorial Board, 2 pm
F	13	Last day for acceptance of enrolment by new undergraduate students (late fee payable thereafter)
S14/Su15		
M	16	Biological Sciences Higher Degree Committee, 2 pm Matriculation Committee of Professorial Board, 2 pm Biological Sciences Executive Committee, 3.30 pm Last day for notification of correction of details published in <i>The Sydney Morning Herald</i> on 11 March concerning April/May graduation ceremonies
T	17	Administrative Procedures Committee, 10 am Science Higher Degree Committee, 2 pm
W	18	Professional Studies Faculty, 2 pm Law Faculty, 4.30 pm
Th	19	Research and Higher Awards Committee, 10 am University Safety Committee, 2.15 pm
F	20	Engineering Higher Degree Committee, 10 am Graduation Ceremony, Broken Hill, 2 pm
S	21	
Su	22	Term 1 ends – Medicine V
M	23	Executive Committee of Council, 3 pm
T	24	Australian Graduate School of Management Higher Degree Committee, 1.40 pm Science Executive Committee, 2 pm Arts Faculty, 2.15 pm
W	25	
Th	26	Applied Science Executive Committee, 10 am Architecture Executive Committee, 2 pm
F	27	Military Studies Higher Degree Committee, 9.30 am Engineering Executive Committee, 10 am Military Studies Executive Committee, 10.30 am Last day for acceptance of enrolment by undergraduate students re-enrolling in second and later years (late fee payable thereafter)
S28/Su29		
M	30	Term 2 begins – Medicine V Biological Sciences Faculty, 2 pm
T	31	Australian Graduate School of Management Executive Committee, 1.40 pm Arts Higher Degree Committee, 2.15 pm

April 1981

W	1	Commerce Faculty, 2 pm Executive Committee of Professorial Board, 2 pm
Th	2	
F	3	
S	4	
Su	5	Term 1 ends – Medicine III and IV
M	6	
T	7	Public Relations Committee, 8.30 am Professorial Board, 10 am Graduation Ceremony, Commerce (First Section), 2 pm Science and Mathematics Executive Committee, 2 pm Personnel Sub-Committee, 2.30 pm Finance Sub-Committee, 3.15 pm Student Affairs Committee, 3.30 pm
W	8	Commerce Higher Degree Committee, 2 pm
Th	9	Graduation Ceremony, Applied Science, Board of Studies in Science and Mathematics (First Section), 10 am Architecture Higher Degree Committee, 2 pm Graduation Ceremony, Arts (First Section), Board of Studies in General Education, 2 pm
F	10	Engineering Higher Degree Committee, 10 am Resources Allocation Advisory Committee, 2 pm
S11/Su12		
M	13	Term 2 begins – Medicine III and IV Biological Sciences Higher Degree Committee, 2 pm Buildings and Equipment Committee, 3 pm Biological Sciences Executive Committee, 3.30 pm Academic Committee, 4 pm
T	14	Graduation Ceremony, Engineering (First Section) 10 am Library Committee of Professorial Board, 10.30 am Law Executive Committee, 11 am Law Higher Degree Committee, 12 noon Australian Graduate School of Management Board of Studies, 1.40 pm Graduation Ceremony, Science, Board of Studies in Science and Mathematics (Second Section), 2 pm Science Higher Degree Committee, 2 pm
W	15	Professional Studies Higher Degree Committee, 2 pm
Th	16	Applied Science Higher Degree Committee, 10 am Research and Higher Awards Committee, 10 am Graduation Ceremony, Architecture, 2 pm Last day for undergraduate students to discontinue without failure subjects which extend over Session 1 only
F	17	Good Friday – Public Holiday
S18/Su19		
M	20	Easter Monday – Public Holiday
T	21	
W	22	Medicine Higher Degree Committee, 2 pm Medicine Executive Committee, 3 pm
Th	23	Graduation Ceremony, Arts (Second Section), 10 am Graduation Ceremony, Engineering (Second Section), 2 pm General Education Board of Studies, 2.15 pm
F	24	Military Studies Higher Degree Committee, 9.30 am Military Studies Executive Committee, 10.30 am
S	25	Anzac Day – Public Holiday
Su	26	
M	27	Executive Committee of Council, 3 pm <i>Confirmation of Enrolment</i> forms despatched to all students
T	28	Graduation Ceremony, Commerce (Second Section), Australian Graduate School of Management, 10 am Science Executive Committee, 2 pm
W	29	Executive Committee of Professorial Board, 2 pm
Th	30	Applied Science Executive Committee, 10 am Graduation Ceremony, Board of Studies in Science and Mathematics (Third Section), Biological Sciences, Medicine (Second Section), 10 am Graduation Ceremony, Law, 2 pm

May 1981

F 1	
S2/Su3	Term 1 ends – Faculty of Military Studies
M 4	
T 5	Professorial Board, 10 am Graduation Ceremony, Professional Studies, 2 pm Science and Mathematics Executive Committee, 2 pm Arts Executive Committee, 2.15 pm
W 6	Commerce Higher Degree Committee, 2 pm Professional Studies Higher Degree Committee, 2 pm 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 Last day for acceptance of corrected <i>Confirmation of Enrolment</i> forms
Th 7	Applied Science Higher Degree Committee, 10 am Continuing Education Committee of Professorial Board, 2 pm
F 8	Engineering Higher Degree Committee, 10 am
S9/Su10	
M 11	May Recess begins Personnel Sub-Committee, 12 noon Council, 2 pm
T 12	Administrative Procedures Committee, 10 am
W 13	Medicine Higher Degree Committee, 2 pm Medicine Executive Committee, 3 pm
Th 14	Research and Higher Awards Committee, 10 am Architecture Executive Committee, 2 pm Publication of provisional timetable for June/July examinations
F 15	
S 16	
Su 17	May Recess ends
M 18	Term 2 begins – Faculty of Military Studies Matriculation Committee of Professorial Board, 2 pm
T 19	Law Executive Committee, 11 am General Education Higher Degree Committee, 11 am Law Higher Degree Committee, 12 noon General Education Executive Committee, 12 noon Science Higher Degree Committee, 2 pm
W 20	Commerce Executive Committee, 2 pm
Th 21	Applied Science Faculty, 2 pm
F 22	Engineering Executive Committee, 10 am Last day for students to advise of examination timetable clashes
S 23	
Su 24	Term 2 ends – Medicine V
M 25	Biological Sciences Faculty, 2 pm Executive Committee of Council, 3 pm
T 26	Australian Graduate School of Management Higher Degree Committee, 1.40 pm Science Executive Committee, 2 pm Arts Faculty, 2.15 pm
W 27	Executive Committee of Professorial Board, 2 pm
Th 28	
F 29	Military Studies Higher Degree Committee, 9.30 am Military Studies Faculty, 10.30 am
S30/Su31	

June 1981

M	1	Term 3 begins – Medicine V Biological Sciences Higher Degree Committee, 2 pm Admissions Committee of Professorial Board, 2.15 pm Biological Sciences Executive Committee, 3.30 pm
T	2	Public Relations Committee, 8.30 am Professorial Board, 10 am Australian Graduate School of Management Executive Committee, 1.40 pm Personnel Sub-Committee, 2.30 pm Finance Sub-Committee, 3.15 pm Student Affairs Committee, 3.30 pm Publication of timetable for June/July examinations
W	3	Science and Mathematics Board of Studies, 2 pm
Th	4	Health Personnel Education Committee, 10 am Architecture Faculty, 2 pm

F 5
S6/Su7

M	8	Queen's Birthday – Public Holiday
T	9	Science Faculty, 2 pm Arts Higher Degree Committee, 2.15 pm Buildings and Equipment Committee, 3 pm Academic Committee, 4 pm
W	10	Commerce Faculty, 2 pm Law Faculty, 4.30 pm
Th	11	Applied Science Higher Degree Committee, 10 am Architecture Higher Degree Committee, 2 pm General Education Board of Studies, 2.15 pm University Safety Committee, 2.15 pm Architecture Executive Committee, 3 pm
F	12	Engineering Faculty, 2 pm Resources Allocation Advisory Committee, 2 pm
S	13	
Su	14	Session 1 ends

M	15	Midyear Recess begins Computing Science Committee of Professorial Board, 11 am
T	16	Examinations begin Library Committee of Professorial Board, 10.30 am Australian Graduate School of Management Board of Studies, 1.40 pm Science Higher Degree Committee, 2 pm Mature Age Unmatriculated Admissions Scheme Meeting, 7 pm
W	17	Commerce Higher Degree Committee, 2 pm Professional Studies Higher Degree Committee, 2 pm Science and Mathematics Executive Committee, 2 pm Medicine Faculty, 4.30 pm Mature Age Unmatriculated Admissions Scheme Meeting, 7 pm
Th	18	Applied Science Executive Committee, 10 am Research and Higher Awards Committee, 10 am
F	19	Engineering Higher Degree Committee, 10 am
S	20	
Su	21	Term 2 ends – Medicine III and IV

M	22	Executive Committee of Council, 3 pm
T	23	Science Executive Committee, 2 pm
W	24	
Th	25	
F	26	
S27/Su28		

M	29	Term 3 begins – Medicine III and IV
T	30	

July 1981

W 1	Executive Committee of Professorial Board, 2 pm Examinations end
Th 2	
F 3	
S4/Su5	
M 6	Matriculation Committee of Professorial Board, 2 pm
T 7	Professorial Board, 10 am
W 8	Professional Studies Executive Committee, 2 pm
Th 9	Architecture Executive Committee, 2 pm Continuing Education Committee of Professorial Board, 2 pm
F 10	Military Studies Higher Degree Committee, 9.30 am Military Studies Executive Committee, 10.30 am
S11/Su12	
M 13	Personnel Sub-Committee, 12 noon Council, 2 pm Examination results mailed to students
T 14	Library Committee of Professorial Board, 10.30 am Examination results displayed on University noticeboards
W 15	Medicine Higher Degree Committee, 2 pm Science and Mathematics Executive Committee, 2 pm Medicine Executive Committee, 3 pm
Th 16	Applied Science Executive Committee, 10 am Research and Higher Awards Committee, 10 am
F 17	Engineering Executive Committee, 10 am
S 18	
Su 19	Midyear Recess ends
M 20	Session 2 begins Last day for applications for review of June examination results
T 21	Arts Executive Committee, 2.15 pm
W 22	Commerce Executive Committee, 2 pm Professional Studies Faculty, 2 pm
Th 23	Architecture Faculty, 2 pm
F 24	Biological Sciences Faculty, 2 pm
S 25	
Su 26	Term 3 ends – Medicine V
M 27	Executive Committee of Council, 3 pm
T 28	Law Executive Committee, 11 am Law Higher Degree Committee, 12 noon Australian Graduate School of Management Executive Committee, 1.40 pm Science Executive Committee, 2 pm
W 29	Executive Committee of Professorial Board, 2 pm
Th 30	Foundation Day (no classes held)
F 31	Last day for students to discontinue without failure subjects which extend over the whole academic year

August 1981

S1/Su2

M	3	Term 4 begins – Medicine V Biological Sciences Higher Degree Committee, 2 pm Biological Sciences Executive Committee, 3.30 pm
T	4	Public Relations Committee, 8.30 am Professorial Board, 10 am Australian Graduate School of Management Higher Degree Committee, 1.40 pm Science Higher Degree Committee, 2 pm Personnel Sub-Committee, 2.30 pm Finance Sub-Committee, 3.15 pm Student Affairs Committee, 3.30 pm
W	5	Commerce Faculty, 2 pm
Th	6	Applied Science Faculty, 2 pm Architecture Higher Degree Committee, 2 pm
F	7	Military Studies Higher Degree Committee, 9.30 am Military Studies Faculty, 10.30 am

S8/Su9

M	10	Buildings and Equipment Committee, 3 pm Academic Committee, 4 pm
T	11	Administrative Procedures Committee, 10 am General Education Higher Degree Committee, 11 am General Education Executive Committee, 12 noon Australian Graduate School of Management Board of Studies, 1.40 pm Arts Faculty, 2.15 pm
W	12	Commerce Higher Degree Committee, 2 pm Medicine Faculty, 4.30 pm
Th	13	Applied Science Higher Degree Committee, 10 am Research and Higher Awards Committee, 10 am
F	14	Engineering Higher Degree Committee, 10 am Resources Allocation Advisory Committee, 2 pm
S	15	
Su	16	Term 2 ends – Faculty of Military Studies

M	17	
T	18	Science Executive Committee, 2 pm Arts Higher Degree Committee, 2.15 pm
W	19	Professional Studies Higher Degree Committee, 2 pm Science and Mathematics Executive Committee, 2 pm Law Faculty, 4.30 pm
Th	20	University Safety Committee, 2.15 pm
F	21	Engineering Executive Committee, 10 am

S22/Su23

M	24	August Recess begins Executive Committee of Council, 3 pm
T	25	
W	26	Executive Committee of Professorial Board, 2 pm
Th	27	
F	28	
S	29	
Su	30	August Recess ends Term 3 ends – Medicine III and IV

M 31

September 1981

T	1	Professorial Board, 10 am 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	2	Professional Studies Executive Committee, 2 pm
Th	3	Applied Science Executive Committee, 10 am Health Personnel Education Committee, 10 am Architecture Executive Committee, 2 pm General Education Board of Studies, 2.15 pm
F	4	Last day for undergraduate students to discontinue without failure subjects which extend over Session 2 only
S5/Su6		
M	7	Term 4 begins – Medicine III and IV Term 3 begins – Faculty of Military Studies Biological Sciences Higher Degree Committee, 2 pm Biological Sciences Executive Committee, 3.30 pm
T	8	Science Higher Degree Committee, 2 pm
W	9	Commerce Executive Committee, 2 pm Medicine Higher Degree Committee, 2 pm Science and Mathematics Board of Studies, 2 pm Medicine Executive Committee, 3 pm List of graduands for October graduation ceremonies published in <i>The Sydney Morning Herald</i>
Th	10	Continuing Education Committee of Professorial Board, 2 pm
F	11	Engineering Faculty, 2 pm
S12/Su13		
M	14	Personnel Sub-Committee, 12 noon Council, 2 pm <i>Confirmation of Enrolment</i> forms despatched to all students Last day for notification of correction of details published in <i>The Sydney Morning Herald</i> on 9 September concerning October graduation ceremonies
T	15	Library Committee of Professorial Board, 10.30 am
W	16	Professional Studies Faculty, 2 pm
Th	17	Applied Science Higher Degree Committee, 10 am Research and Higher Awards Committee, 10 am
F	18	Military Studies Higher Degree Committee, 9.30 am Engineering Higher Degree Committee, 10 am Military Studies Executive Committee, 10.30 am
S19/Su20		
M	21	
T	22	Science Executive Committee, 2 pm
W	23	Last day for applications from undergraduate students completing requirements for degrees at the end of Session 2 to submit <i>Application for Admission to Degree</i> form Last day for acceptance of corrected <i>Confirmation of Enrolment</i> forms
Th	24	
F	25	
S	26	
Su	27	Term 4 ends – Medicine V
M	28	Executive Committee of Council, 3 pm
T	29	Arts Higher Degree Committee, 2.15 pm
W	30	Commerce Higher Degree Committee, 2 pm Executive Committee of Professorial Board, 2 pm

October 1981

Th 1 Applied Science Executive Committee, 10 am
 Architecture Faculty, 2 pm
 Last day to apply to UCAC for transfer to another tertiary institution in New South Wales
 Publication of provisional examination timetable

F 2
 S3/Su4

M 5 8 Hour Day – Public Holiday

T 6 Term 5 begins – Medicine V
 Public Relations Committee, 8.30 am
 Professorial Board, 10 am
 Australian Graduate School of Management Higher Degree Committee, 1.40 pm
 Science Faculty, 2 pm
 Arts Executive Committee, 2.15 pm
 Personnel Sub-Committee, 2.30 pm
 Finance Sub-Committee, 3.15 pm
 Student Affairs Committee, 3.30 pm

W 7 Graduation Ceremony, 10 am
 Commerce Faculty, 2 pm
 Professional Studies Higher Degree Committee, 2 pm

Th 8 Graduation Ceremony, 10 am
 Graduation Ceremony, 2 pm

F 9 Resources Allocation Advisory Committee, 2 pm
 Last day for students to advise of examination timetable clashes

S10/Su11

M 12 Biological Sciences Higher Degree Committee, 2 pm
 Buildings and Equipment Committee, 3 pm
 Biological Sciences Executive Committee, 3.30 pm
 Academic Committee, 4 pm

T 13 Administrative Procedures Committee, 10 am
 Australian Graduate School of Management Board of Studies, 1.40 pm
 Science Higher Degree Committee, 2 pm

W 14 Medicine Higher Degree Committee, 2 pm
 Science and Mathematics Executive Committee, 2 pm
 Medicine Executive Committee, 3 pm

Th 15 Applied Science Higher Degree Committee, 10 am
 Architecture Higher Degree Committee, 2 pm

F 16 Military Studies Higher Degree Committee, 9.30 am
 Engineering Higher Degree Committee, 10 am
 Military Studies Executive Committee, 10.30 am

S17/Su18

M 19

T 20 Law Executive Committee, 11 am
 Law Higher Degree Committee, 12 noon
 Science Executive Committee, 2 pm

W 21 Commerce Executive Committee, 2 pm

Th 22 Applied Science Faculty, 10 am
 Research and Higher Awards Committee, 10 am
 Architecture Executive Committee, 2 pm
 Publication of examination timetable

F 23
 S24/Su25

M 26 Biological Sciences Faculty, 2 pm
 Executive Committee of Council, 3 pm

T 27 Arts Faculty, 2.15 pm

W 28 Executive Committee of Professorial Board, 2 pm

Th 29

F 30

S 31

November 1981

Su	1	Session 2 ends
M	2	Study Recess begins Admissions Committee of Professorial Board, 2.15 pm
T	3	Professorial Board, 10 am Science Executive Committee, 2 pm General Education Higher Degree Committee, 2.15 pm General Education Executive Committee, 3.15 pm
W	4	Law Faculty, 4.30 pm
Th	5	
F	6	Military Studies Higher Degree Committee, 9.30 am Engineering Executive Committee, 10 am Military Studies Faculty, 10.30 am
S	7	Term 3 ends – Faculty of Military Studies
Su	8	Study Recess ends
M	9	Examinations begin Personnel Sub-Committee, 12 noon Council, 2 pm
T	10	Library Committee of Professorial Board, 10.30 am Arts Higher Degree Committee, 2.15 pm
W	11	Commerce Higher Degree Committee, 2 pm Science and Mathematics Executive Committee, 2 pm Medicine Faculty, 4.30 pm
Th	12	Health Personnel Education Committee, 10 am Continuing Education Committee of Professorial Board, 2 pm
F	13	
S	14	
Su	15	Term 4 ends – Medicine III and IV
M	16	Matriculation Committee of Professorial Board, 2 pm
T	17	
W	18	Professional Studies Higher Degree Committee, 2 pm
Th	19	Applied Science Executive Committee, 10 am Research and Higher Awards Committee, 10 am
F	20	Engineering Higher Degree Committee, 10 am
S21/Su22		
M	23	Biological Sciences Higher Degree Committee, 2 pm Biological Sciences Executive Committee, 3.30 pm Admissions Committee of Professorial Board, 2.15 pm
T	24	Australian Graduate School of Management Higher Degree Committee, 1.40 pm Science Higher Degree Committee, 2 pm
W	25	Executive Committee of Professorial Board, 2 pm Medicine Higher Degree Committee, 2 pm Medicine Executive Committee, 3 pm
Th	26	Applied Science Higher Degree Committee, 10 am Architecture Higher Degree Committee, 2 pm University Safety Committee, 2.15 pm
F	27	Examinations end
S	28	
Su	29	Term 5 ends – Medicine V
M	30	

December 1981

T	1	Professorial Board, 10 am Personnel Sub-Committee, 2.30 pm Finance Sub-Committee, 3.15 pm
W	2	
Th	3	General Education Board of Studies, 2.15 pm
F	4	
S5/Su6		
M	7	Computing Science Committee of Professorial Board, 11 am
T	8	Graduation Ceremony, Duntroon, 9.30 am
W	9	
Th	10	
F	11	Resources Allocation Advisory Committee, 2 pm
S12/Su13		
M	14	Admissions Committee of Professorial Board, 2.15 pm Executive Committee of Council, 3 pm Examination results mailed to students
T	15	Examination results displayed on University noticeboards
W	16	
Th	17	Research and Higher Awards Committee, 10 am
F	18	
S19/Su20		
M	21	List of graduands in Medicine for February graduation ceremony published in <i>The Sydney Morning Herald</i>
T	22	
W	23	
Th	24	
F	25	Christmas Day – Public Holiday
S	26	Boxing Day – Public Holiday
Su	27	
M	28	
T	29	
W	30	
Th	31	

1982**Faculties other than
Medicine**

Session 1 (14 weeks)	1 March to 9 May May Recess: 10 May to 16 May 17 May to 13 June Midyear Recess: 14 June to 18 July
Examinations	15 June to 30 June
Session 2 (14 weeks)	19 July to 22 August August Recess: 23 August to 29 August 30 August to 31 October Study Recess: 1 November to 7 November
Examinations	8 November to 26 November

Faculty of Medicine

First and Second Years	As for other faculties
Third and Fourth Years	As for other faculties Term 1 (10 weeks) 25 January to 4 April Term 2 (9 weeks) 13 April to 9 May May Recess: 10 May to 16 May 17 May to 20 June Term 3 (9 weeks) 28 June to 29 August Term 4 (10 weeks) 6 September to 14 November
Fifth Year	Term 1 (8 weeks) 25 January to 21 March Term 2 (8 weeks) 29 March to 23 May Term 3 (8 weeks) 31 May to 25 July Term 4 (8 weeks) 2 August to 26 September Term 5 (8 weeks) 5 October to 28 November

January	F	1	New Year's Day – Public Holiday
	M	4	Last day for applications for review of results of annual examinations
	F	8	Last day for acceptance of applications by Admissions Office for transfer to another undergraduate course within the University
February	M	1	Australia Day – Public Holiday
	T	2	Enrolment period begins for new undergraduate students and undergraduate students repeating first year
	M	15	Enrolment period begins for second and later year undergraduate students and graduate students enrolled in formal courses
March	M	1	Session 1 begins – all courses except Medicine III, IV and V
April	F	9	Easter – Public Holiday
	M	12	
	Su	25	Anzac Day
	M	26	Public Holiday

The Calendar

The Calendar is planned as a summary volume. The Faculty and Board of Studies Handbooks are supplementary, giving detailed information about courses, subjects and requirements of a particular faculty or board of studies (see back cover for details). It contains material common to all faculties and boards of studies and, mainly through its **Index**, readers are directed to particular handbooks for the information they need in expanded form.

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 1980 was 18,359 made up of 14,608 proceeding to bachelor degrees, 2,815 to higher degrees and 381 to graduate diplomas and 555 not seeking to proceed to any qualification.

The full-time staff supporting these activities numbers 3,795 of whom 1,362 are teaching and research staff, and 2,433 are library, technical, administrative, clerical and other staff. The Library contains approximately 1,000,000 volumes.

The University's total recurrent expenditure in 1980 was approximately \$83 million. There are buildings at a value in excess of \$200 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 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 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 degree of Bachelor of Science in psychology.

In 1957 full-time and part-time courses leading to 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 1960 in arts, in 1961 in medicine, and in 1971 in law; 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). The University has used these powers to establish and operate the W. S. and L. B. Robinson University College at Broken Hill.

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 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 response to a request from the Minister for Defence the Council, noting the Commonwealth Government's intention to establish a defence academy, in May 1980 approved in principle the establishment of an arrangement whereby the University would ensure the academic integrity of the proposed new institution, perhaps by the means of its establishment as a College of the University. Discussions between officers of the Department of Defence and the University are proceeding.

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 study. The faculties and boards are responsible for the teaching and examining of subjects within their scope and the Professorial Board co-ordinates and furthers the work of the faculties and boards.

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

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

Government

Donations, Gifts and Bequests

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

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

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

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

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

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

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

This particular provision could be made in the following form:

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

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

**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).

**Donations and Gifts –
Taxation**

The University of New South Wales

Chancellor

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

Deputy Chancellor

Francis Mackenzie Mathews, BE *Syd.*, Hon. DSc *N.S.W.*,
FSTC, FIEAust

Vice-Chancellor and Principal

Professor Rupert Horace Myers, CBE, MSc PhD *Melb.*,
Hon. LLD *Strath.*, Hon. DSc *W'gong.*, CEng, FTS, FIM, FRACI,
FAIM, MAusIMM

Pro-Vice-Chancellors

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

Professor John Basil Thornton, BA BSc *Syd.*

Professor Rex Eugene Vowels, AO, ME *Adel.*, SMIEEE, CEng,
FIEAust, MIEE

University Mace Bearer

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

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Manager-Garments, Bradmill Industries Limited

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Botany, Head, School of Botany

George Bell, ASTC, FIO

David John Bolton, BSc HDipEd *N.U.I.*, BA *Dub.*, MEd *N.S.W.*,
MACE, Deputy Master, Warrane College

Laurence John Brereton, MP

Nicole Brodie, Student, Faculty of Arts

David Robert Mackenzie Burns, MA DipEd *Melb.*, Associate
Professor, Department of General Studies

George William Kenneth Cavill, MSc *Syd.*, PhD DSc *Liv.*, FAA,
FRACI, Professor, School of Chemistry

John Bowes Clarkson, CBE, Chairman and Managing Director of
Alcan Aust Ltd

Arthur Ashley Cooper, MBuild PhD *N.S.W.*, ASTC,
Max Cooper & Sons Pty Ltd

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

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

Malcolm Robertson Fisher, MA *N.Z.*, PhD *Camb.*, Professor, Australian Graduate School of Management

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Paul Huggins, MSc *N.S.W.*, ASTC, CEng

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

Guy Barrington Marks, Student, Faculty of Medicine

Francis Mackenzie Mathews, BE *Syd.*, Hon. DSc *N.S.W.*, FSTC, FIEAust

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

Lyn McCarthy, Student, Faculty of Arts

David McLeish, Secretary, Electrical Trades Union (NSW)

Cedric Edwin May, MSc *Auck.*, PhD *N.S.W.*, Research Agronomist, Agricultural Research Institute, Wagga Wagga

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Robert Maxwell Porter, ISO, AASA, ACIS, AAI

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Claud William Stockings, Member, General Council, United Farmers' and Woolgrowers' Association of New South Wales

John Lloyd Symonds, BSc *Adel.*, PhD *Birm.*, FlinstP, FAIP, Chief Scientist, Power and Energy, Australian Atomic Energy Commission Research Establishment

The Hon. Joe Slater Thompson, MLC

Peter James Wildblood, PhC *Syd.*, BSc(Econ) MSc *Lond.*, Deputy Registrar

Raymond Arthur Nicol, Secretary to Council

Committees of Council

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The Deputy Chancellor
The Vice-Chancellor and Principal
Sir John Goodsell
Dr H. F. Heath
Mr P. Huggins
Professor D. M. McCallum
Ms L. McCarthy
Mr I. F. Morrison
Mr R. M. Porter

Finance Sub-Committee of Executive Committee

Sir John Goodsell (Chairman)
The Deputy Chancellor
The Vice-Chancellor and Principal
Mr J. B. Clarkson
Dr H. F. Heath
Mr A. H. Loxton
Mr G. B. Marks

Personnel Sub-Committee of Executive Committee

The Chancellor (Chairman)
The Deputy Chancellor
The Vice-Chancellor and Principal
Mr R. A. Corin
Sir John Goodsell
Mr R. M. Porter

Buildings and Equipment Committee

Dr F. M. Mathews (Chairman)
The Vice-Chancellor and Principal
Mr J. B. Clarkson
Dr A. A. Cooper
Mr R. A. Corin
Professor M. R. Fisher
Professor W. E. Glover
Mr J. M. Gosper
Mr P. Huggins
Mr S. R. Kirkham
Ms L. McCarthy
Mr D. McLeish
Mr H. Seidler
Mr C. W. Stockings

Fine Arts Committee of the Buildings and Equipment Committee

The Vice-Chancellor and Principal
Mr R. Z. Langker (Executive Member)
Professor J. C. Haskell (School of Architecture)
Mrs C. M. De Lorenzo (Department of General Studies)
Miss S. Waddell (Students' Union)

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Mr D. J. Bolton
Professor G. W. K. Cavill
Dr P. W. H. Grieve
Mr H. R. Harant
Dr H. F. Heath
Mr G. R. Ireland
Mr M. J. Liljeqvist
Mr G. B. Marks
Dr C. E. May
Professor D. M. McCallum
Mr R. P. Meagher
Associate Professor I. F. Morrison
Dr J. L. Symonds
The Deans of the Faculties (not otherwise included)

Public Relations Committee

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The Vice-Chancellor and Principal
Mr G. Bell
Mr L. J. Brereton
Associate Professor D. R. M. Burns
Miss T. F. M. Delanty
Mr R. J. Lamble
Ms L. McCarthy

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Mr H. R. Harant
Professor R. J. Lawrence
Mr A. H. Loxton
Professor D. M. McCallum
Mr W. P. Nicholas
The Hon. J. S. Thompson
Mr P. J. Wildblood

Appeals Committee

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

The Professorial Board

Chairman

Professor D. M. McCallum

Vice-Chairman

Professor D. J. Anderson

Members Ex Officio

The Chancellor

The Deputy Chancellor

The Vice-Chancellor

The Registrar

Members

School/Division/Centre

Professor M. W. Allen
Electrical Engineering & Computer Science

Professor J. E. Andersen
Science (Broken Hill)

Professor D. J. Anderson
Botany

Professor P. V. Angus-Leppan
Surveying

Professor R. Baker
Social Work

Professor R. J. Ball
Australian Graduate School of Management

Professor R. J. Bearman
Chemistry (Military Studies)

Professor F. C. Beavis
Applied Geology

Professor B. D. Beddie
Government (Military Studies)

Professor G. Bennett
Mechanical & Industrial Engineering

Professor J. Beveridge
Paediatrics

Professor R. B. Blacket
Medicine

Professor J. M. Blatt
Mathematics

Professor J. S. Bowles
Metallurgy

Associate Professor D. Broadbent
Division of Postgraduate Extension Studies

Professor C. H. P. Brookes
Accountancy

Professor G. Brown
Mathematics

Professor L. B. Brown
Psychology

Professor R. A. A. Bryant
Mechanical & Industrial Engineering

Professor V. T. Buchwald
Mathematics

Professor J. C. Burns
Mathematics (Military Studies)

Professor H. M. Carey
Obstetrics & Gynaecology

Professor A. S. Carrington
Accountancy

Professor G. W. K. Cavill
Chemistry

Professor M. Chaikin
Textile Technology

Professor T. G. Chapman
Civil Engineering (Military Studies)

Professor J. S. J. Chaussivert
French

Professor M. R. Chesterman
Law

Professor T. Cizova
Russian

Professor G. N. Cooper
Microbiology

Professor M. Cooper
Education

Professor K. R. Cox
Centre for Medical Education Research & Development

Professor F. K. Crowley
History

Professor E. C. Daniels
Architecture

Professor H. L. Davis
Wool & Pastoral Sciences

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 John Malcolm Hutcheson, MC, BE *Syd.*, BCom *Qld.*,
 MBA PhD *N.S.W.*, FIEAust, FID, FIArbA, AAUQ, LGE, AASA(Snr),
 AFAIM, AAIB, ACIS
 Graham Edward Levido, BBuild MSc(Building) *N.S.W.*, AAIB
 James Francis Mooney, MBuild *N.S.W.*, ASTC, FIQSA, FIArbA

Lecturers

Ojars Indulis Greste, ME *N.S.W.*, DEng *Calif.*
 Bruce Hedford Hawkins, BE *W.Aust.*
 Martin Marosszeky, BE *N'cle.(N.S.W.)*, MEngSc *N.S.W.*, MIEAust
 Clyde Donald Smythe, MBuild *N.S.W.*, ASTC, AAIB
 Thomas Edward Uher, BBuild MSc(Building) *N.S.W.*, AAIB

Tutor

Margret J. Doring, BE *Melb.*, ARMIT, LIAB

Department of Industrial Arts

Senior Lecturer and Acting Head of Department

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

Lecturers

Donald McArthur Godden, MSc *N.S.W.*
 John Kyle Redmond, MA *R.C.A.*, BA *C.S.A.D.*, FRSA, AIDIA

School of Landscape Architecture

Professor of Landscape Architecture

Vacant

Associate Professor and Acting Head of School

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

Lecturers

Helen Beatrice Armstrong, BSc *Syd.*, GradDip *N.S.W.*
 Sydney Allison Baggs, MArch DipLD *N.S.W.*, ASTC, FRAIA,
 AAILA, ARIBA
 Douglas Crawford, BArch *Melb.*, GradDip *N.S.W.*
 Donald Guy Sigsby, MLA *Mich.*, AAILA

School of Town Planning

Professor of Town Planning and Head of School

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

Associate Professor

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

Senior Lecturers

Douglas Robert Daines, DipTCP Syd., MTP N.S.W., MRAPL, AAIV
James Leslie King, BArch MTCP Syd., FRAPL
Zula Nittim, BArch *Melb.*, DipCD PhD N.S.W., FRAIA, MRAPL
Robert Bolles Zehner, BA *Amh.*, MA PhD *Mich.*

Lecturers

Stephen Harris, BTP N.S.W., MRAPL
Neville Thomas Schaefer, BA N.E., PhD N.S.W.

Graduate School of the Built Environment

Professor of Architecture and Head of School

John Maxwell Freeland, DFC, MArch DTRP *Melb.*,
MArch DLitt N.S.W., LFRAIA, FRSA

Associate Professors

Anita Barbara Lawrence, MArch N.S.W., FRAIA, MAAS
Kenneth James Wyatt, BE *Qld.*, MBdgSc Syd., MIEAust

Senior Lecturer

Robert Charles Lewis Irving, MArch N.S.W., ARMTC, FRAIA

Faculty of Arts

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

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Sheena Mary Wiard, MA *Edin.*

Research Assistant

Virginia Bowen, BA N.E. DipLib N.S.W.

School of Drama

Professor of Drama

Vacant

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Senior Lecturers

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Marie-Louise Mathilde Thiersch, MA *Adel.*, PhD *N.S.W.*

Lecturers

Stephen John Crofts, BA *Camb.*, PCE CertFilmStudy *Lond.*,
DipFilmStudies *Polytech Central Lond.*, MA *R.C.A.*

John Duncan Golder, BA *Rdg.*, MA *Brist.*

Margaret Anne Williams, BA *Melb.*, PhD *Monash*

Tutors

Jacqueline Betty Phillis Lyons, BA *Brist.*

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Jane Westbrook, BA *N.S.W.*

School of English

Professor of English and Head of School

Harold James Oliver, MA *Syd.*, FAHA

Professor of English

Bernard Kilgour Martin, MA *Well.*, MLitt *Camb.*

Senior Lecturers

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Mary Elizabeth Chan, MA *Victoria*, PhD *Camb.*, LTCL

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

Lecturers

Peter Fraser Alexander, BA *Witw.*, MA *Leeds*, PhD *Camb.*

Eleanore Margaret Bradstock, BA DipEd *Syd.*, MA *Macq.*

Peter Craig Collins, MA *Syd.*, DipEd *N.E.*

Roslynn Doris Haynes, BSc *Syd.*, MA *Tas.*, PhD *Leic.*

Robyn Suzanne Heales, MA *Qld.*, PhD *Birm.*

Richard Elton Raymond Madelaine, BA *Adel.*, PhD *Lond.*

Janet Christine Walker, MA *Syd.*

Senior Tutor

Pauline Ethel Watson, BA DipEd *Syd.*, MA *N.S.W.*

Tutors

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

Geoffrey Keith McLennan, MA *Syd.*

School of French

Professor of French and Head of School

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

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Alan Lawrence Chamberlain, BA DipEd *Syd.*, DU *Paris*

Michael John Freyne, MA *N.Z.*, LèsL Dipl.d'Et. Prat.(Phon.) *Paris*,
DèsL *Paris-Sorbonne*

Anthony Stewart Newman, BA DipEd *Syd.*, DU *Besançon*

Lecturers

Maurice John Blackman, BA *Syd.*, PhD *N.S.W.*

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

Vera Sauran, LScPol *Paris*, PhD *N.S.W.*

Tutors

Margaret Deidre Hennessy, BA DipEd *N.S.W.*

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School of German Studies

Professor of German and Head of School

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Associate Professor

Gero Max von Wilpert, PhD *N.S.W.*

Senior Lecturers

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Olaf Günter Reinhardt, BA PhD *Syd.*
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School of History

Professor of History and Head of School

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Professor of History

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Beverley Rhonda Kingston, BA *Qld.*, PhD *Monash*

Senior Lecturers

Ian James Bickerton, BA *Adel.*, MA *Kansas*, PhD *Claremont*
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Michael Naylor Pearson, MA *Auck.*, PhD *Mich.*
David Robert Walker, BA *Adel.*, PhD *A.N.U.*

Lecturers

Frank Farrell, BA *A.N.U.*, DipEd *Canberra C.A.E.*, PhD *A.N.U.*
Maxwell Vernon Harcourt, MA *W.Aust.*, PhD *Sus.*
Martyn Lyons, BA PhD *Oxf.*
Alfred William McCoy, BA *Col.*, MA *Calif.*, PhD *Yale*
Kui-Kwong Shum, BA MPhil *H.K.*, PhD *A.N.U.*
Jürgen Tampke, BA *Macq.*, PhD *A.N.U.*
Ian Robert Tyrrell, BA *Qld.*, MA PhD *Duke*

Tutors

Verity Burgmann, BSc *Lond.*
Deborah Campbell, BA *N.S.W.*
Dianne Olive Collins, BA *N.S.W.*, PhD *Syd.*
Mark John Celsus Finnane, BA *N.S.W.*
John Gascoigne, BA *Syd.*, MA *Prin.*
Andrew James Major, MA *Cant.*
Gail Olivia Pearson, BA *Qld.*

School of History and Philosophy of Science

Professor of History and Philosophy of Science and Head of School

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

Professor of History and Philosophy of Science

John Basil Thornton, BA BSc *Syd.*

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Senior Tutor

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Tutors

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Honorary Research Fellow

William Lawrence Morrison, BEc *Syd.*

School of Philosophy

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Raymond Steven Walters, MA *Syd.*

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Senior Lecturer

Michael Ulman, Diplom *Leningrad State Univ.*

Lecturers

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 Barry Edward Lewis, BA MPhil *Leeds*

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School of Political Science

Professor of Political Science and Head of School

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Professor of Political Science

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

Associate Professor

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

Senior Lecturers

Conal Stratford Condren, MSc(Econ) PhD *Lond.*
 Donald Richmond Horne
 Frederick Alexander Mediansky, BA *San Francisco*, PhD *Syd.*
 Anthony Creedon Palfreeman, LèsScPol *Geneva*, MA *A.N.U.*
 John Barrington Paul, MA *Melb.*
 George Shipp, MEd *Syd.*

Lecturers

Adrian Man-Cheong Chan, BA *Syd.*, PhD *A.N.U.*
 Sailesh Chandra Ghosh, BA *Dacca*, MA *Calc.*,
 MSocSc *Inst.Soc.Stud., The Hague*, PhD *Manc.*
 Damian John Grace, BA *N.S.W.*
 Elaine Vera Thompson, BEc PhD *Syd.*

Tutors

Dianne Court, BA *N.S.W.*
 Philippa Ann Hall, BA *Syd.*
 Christopher John McGillion, BA *Syd.*
 Charles Pickett, BA *N.S.W.*

School of Russian

Acting Head of School

Professor J. S. J. R. H. Chaussivert (Professor of French)

School of Sociology

Professor of Sociology and Head of School

Solomon Encel, MA PhD *Melb.*

Professor of Sociology

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

Associate Professor

Lois Joyce Bryson, BA DipSocStud DipEd *Melb.*, PhD *Monash*

Senior Lecturers

Stephen Oliver D'Alton, MEd *Syd.*, PhD *N.S.W.*
 Alexander Kondos, BA *W.Aust.*, PhD *N.S.W.*
 Grant Edwin McCall, BA *Calif.* and *San Francisco*, BLitt *Oxf.*,
 PhD *A.N.U.*
 Michael Pusey, BA *Melb.*, DipEd *Tas.*, EdD *Harv.*
 John Joseph Ray, MA *Syd.*, PhD *Macq.*

Lecturers

Michael Paul Bittman, BA *N.S.W.*
 William John Bottomley, BA *Syd.*
 Mira Crouch, BA *Syd.*
 Ann Emily Daniel, BA *Syd.*
 Terence Sean Leahy, BA *Syd.*, MA *Car.*
 Frances Hewlett Lovejoy, BSc BCom *Qld.*, MAgEc *N.E.*
 Lenore Hilda Manderson, BA PhD *A.N.U.*
 Maria Renata Markus, MA *Warsaw*
 Raul Pertierra, BA PhD *Macq.*

Tutors

Cristina Cordero, Geog *Chilean State*, CertD'EtudesSup *Bordeaux*
 Christopher McCallum Eipper, BA *Syd.*

School of Spanish and Latin American Studies

Professor of Spanish and Head of School
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Senior Lecturers

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Luis Alberto Vargas Saavedra, MA *Chile*, PhD *Madrid*
John Stevenson, MA *Essex* and *Lond.*

Lecturers

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PhD *Vanderbilt*
John Thomas Brotherton, BA PhD *Birm.*
Stephen William George Gregory, MA *Sheff.*
Jane Yankovic Morrison, BA *Chatham*, MA PhD *Yale*

Faculty of Biological Sciences*

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

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Chairman

Professor L. B. Brown

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Professional Officers

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

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

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Tutors

Robert Leslie Cutler, BSc *James Cook*

Carol Druery, BSc Syd.

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

Jane Lyttleton, BSc *Massey*, MPhil *Lond.*

David Webster, BSc *N.S.W.*

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

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ASTC, MPS

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

Wayne George Kelly, MSc *N.S.W.*

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

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

School of Biochemistry

Professor of Biochemistry and Head of School

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

Professor of Biochemistry

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

Professor of Medical Biochemistry

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

Associate Professors

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

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

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

Senior Lecturers

Aldo Sebastian Bagnara, BSc PhD *Melb.*

Kevin David Barrow, MSc PhD *Adel.*

Antony George Mackinlay, MSc PhD Syd.

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

Roy Tirrell, BSc Syd., PhD *N.S.W.*

George Zalitis, BSc PhD *W. Aust.*

Lecturers

Michael Richard Edwards, MA PhD *Camb.*

Ian James McFarlane, BSc PhD Syd.,

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

School of Biotechnology

Professor of Biotechnology

Vacant

Associate Professor

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

Senior Lecturers

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

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

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

Lecturer

David Edward Tribe, BSc PhD *Melb.*

Professional Officers

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

School of Botany

Professor of Botany and Head of School

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

Associate Professors

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

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

Senior Lecturers

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

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Lecturers

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Senior Tutor

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Professor

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

Senior Lecturer

Brian James Wallace, BSc PhD *Melb.*

Lecturers

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Iain Couperwhite, BSc PhD *Strath.*

Senior Tutor

Barbara Lillian Blainey, BSc *Melb.*, MSc *Syd.*

Nerissa Glenda Hartwig, BSc *Adel.*

Basil Patrick McBrien, MSc *N.S.W.*, ASTC

Tutor

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Marshall Henry Maxwell Wilson, MSc *N.S.W.*

Medical Microbiology

Associate Professor

Adrian Lee, BSc PhD *Melb.*, MASM

Senior Lecturers

Royle Anthony Hawkes, BScAgr *Syd.*, PhD *A.N.U.*, MASM

Graham Douglas Fischer Jackson, BSc PhD *Adel.*

Senior Tutor

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

Honorary Associate (School)

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

School of Microbiology

Professor of Medical Microbiology and Head of School

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Professor of Microbiology

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

School of Psychology

Professor of Psychology and Head of School

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Professor of Psychology

Sydney Harold Lovibond, BA *Melb.*, MA PhD DipSocSc *Adel.*, FASSA

Professor of Psychology

Vacant

Associate Professor

Donald McNicol, BA *Adel.*, PhD *Camb.*

Administrative Officer

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Alexander Edward Carey, BSc *Lond.*

James Christopher Clarke, MA *N.Z.*, PhD *N.Y. State*

Patrick John Cleary, BSc *Qld.*, PhD *N.S.W.*

Evan Edwin Davies, MA *Syd.*, PhD *N.S.W.*

Keith Raymond Llewellyn, BA PhD *Syd.*

George Paxinos, AB *Calif.*, MA PhD *McG.*

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Austin Sorby Adams, BA *Adel.*, MA PhD *Mich.*

Kevin Douglas Bird, BSc PhD *N.S.W.*

Peter Charles Birrell, BA *Syd.*, PhD *N.S.W.*

Sydney Engelberg, BA *Rand.*, MS *Hebrew Univ. of Jerusalem*, MA PhD *N.Y. State*

Joseph Paul Forgas, BA *Macq.*, DPhil *Oxf.*

William Taylor Hardy, BA *Claremont*, MA PhD *Calif.*

William Hopes, BA *Syd.*

Edward James Kehoe, BA *Lawrence*, MA PhD *Iowa*

Charles Porter Kenna, BA BSc *Syd.*

John Eaton Taplin, BSc PhD *Adel.*

Reginald Frederick Westbrook, MA *Glas.*, DPhil *Sus.*

Tutors

John Crawford, MSc *Syd.*

Michael Atholstone Hill, BSc *N.S.W.*

Sachiko Kinoshita, BSc *N.S.W.*

Peter Frank Lovibond, BSc *N.S.W.*

Stephen William MacMahon, BSc MA *Cant.*

Jennifer Orjelick, BA *N.S.W.*

Glenn Peter Richard, BSc *Glas.*

Professional Officer

Angus John Fowler, BSc *N.S.W.*

Honorary Associate

Thomas Angus McKinnon, MA PhD *Syd.*

School of Zoology

Professor of Zoology and Head of School

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

Associate Professor

Erik Shipp, BSc *Syd.*, PhD *N.S.W.*

Senior Lecturers

Michael Lane Augee, BSc *Willamette*, PhD *Monash*

Alan Michel Beal, DipAH *Qld. Agr. Coll.*, BSc PhD *Qld.*

Rossiter Henry Crozier, MSc *Melb.*, PhD *C'nell.*

Charles Keith Goddard, BSc *Edin.*, PhD *St. And.*

Peter Greenaway, BSc PhD *N'cle. (U.K.)*

Robert John MacIntyre, MSc *Cant.*, PhD *McG.*

Aola Mary Richards, MSc PhD *N.Z.*, FRES

Arthur Woods, MA *Oxf.*, FRES, MIBiol

Lecturers

Michael Archer, BA *Prin.*, PhD *W. Aust.*

David Benjamin Croft, BSc *Flin.*, PhD *Camb.*

Alexander Mazanov, BSc *A.N.U.*, PhD *N.E.*

Senior Tutors

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

Barry James Fox, BSc *N.S.W.*, DipEd *N'cle. (N.S.W.)*, MSc *W. Ont.*

Tutors

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John Hamlyn Harris, BVSc *Syd.*

Alan Dennis Needham, BSc *N.S.W.*

Stephen Andrews Sparkes, BSc *N.S.W.*

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Kenneth Radway Allen, MA ScD *Camb.*

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Judith Everleigh Marlow, BSc *Lond.*

Charles Pregonzer, BS *N.Y. State*, MA *Hofstra U. Hempstead*, *N.Y.*, PhD *N.S.W.*

Grahame John Wardon Webb, BSc PhD *N.E.*

Faculty of Commerce

Comprises Schools of Accountancy, Economics, Marketing, the Department of Organizational Behaviour and Japanese Economic and Management Studies Centre.

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Chairman

Professor R. A. Layton

Executive Assistant to the Dean (Student Counselling and Guidance)

Associate Professor G. Howitt

Executive Officer

Anthony Michael McNamara, BA Syd., AFAIM

Administrative Assistants

Rene Calderon Garcia, BA *Philippines*

Ethel June Hing, BEc Syd.

Programming Unit

Analyst/Programmer

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

School of Accountancy

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

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

Professors of Accountancy

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

Ronald Ma, BCom Lond., MBA Br. Col., FCCA, FASA

Professor of Finance and Head of Department of Finance

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

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

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

Professor of Accountancy and Head of Department of Accounting

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

Executive Assistant

Nina Kingston

Administrative Assistant

Lesley Ritchie, BA Syd., DipEd N.S.W.

Department of Accounting

Associate Professor

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

Senior Lecturers

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

Ronald Gordon Dryen, BA N.S.W., FASA

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

Gregory Paul Whittred, BCom Qld., AASA(Senior)

Lecturers

Pamela Edith Angus-Leppan, BSc Witw., BCom N.S.W., AASA(Prov)

Charles William Frederick Beelaerts, BEc Syd., MBA Harv.

Lawrence Albert Blackett, MCom N.S.W.

Gerhardt Gniewosz, BA GradDip S.A.I.T., MCom DipCom Otago

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 Albert Ewart Hussey, BEc *Syd.*, AASA(Senior), ACIS
 Nina Kingston, MCom *N.S.W.*, DipCom *Syd.*, AASA(Senior)
 David Lewis, BE *Qld.*, MBA *N.S.W.*
 John Stanley Macmullen, BCom *N.S.W.*, AASA
 David Alexander McDonnell, BCom *N.S.W.*, AASA(Senior), ACA
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 Alexander James Pekin, BCom *Melb.*, MCom *N.S.W.*, MA(HospAdmin) *Iowa*, AHA
 Alfred Edward Fulton Rofe, BA LLB *Syd.*, BCom *N.S.W.*, AASA(Senior), ACIS
 Peter Schelluch, MCom *N.S.W.*, AASA
 Mark Richard Scott, MCom *Cant.*, MS *Roch.*, ARANZ(Prov)
 John Bernard Shanahan, MCom *N.S.W.*, AASA(Senior)
 Graham George Sullivan, BCom *Auck.*, BA *Syd.*, MBA *N.S.W.*, ACA, AASA(Senior)
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Edward Colvyn Hind, ME *N.S.W.*, ASTC, MIEAust, MInstMC

Hugh Lithgow Stark, BSc PhD *Strath.*, CEng, MIMechE, MIEAust

Lecturers

Raymond Albert Vincent Byron, BE *Syd.*, CEng, MRAeS, MAIAA

George Crawford, BE BSc *N.S.W.*, ASTC, CEng, FIEAust, MAIE, ARACI

Robin Arthur Julian Ford, BSc(Eng) PhD *Lond.*, ACGI

Richard Butler Frost, BE *N.S.W.*, MIEAust

Knut Kjørrefjord, BSc *Durh.*, CEng

Jae Lin Woo, BSc *Seoul*, SM *M.I.T.*, PhD *N.S.W.*

Department of Fluid Mechanics and Thermodynamics

Includes Aeronautical Engineering and Naval Architecture.

Associate Professors

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

Owen Francis Hughes, SB SM(NavArch) *M.I.T.*, PhD *N.S.W.*, MIEAust, MRINA, MSNAME

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Lawrence Julian Doctors, BE MEngSc *Syd.*, PhD *Mich.*, AMSNAME

John Newton Hool, BE *Syd.*, DPhil *Oxf.*, ASTC, CEng, FIMechE, MIEAust

Robert Taggart Black McKenzie, MS ME *Purdue*, CEng, ARCST(Glas), FIMechE

Brian Edward Milton, BE PhD *N.S.W.*, MSc *Birm.*, CEng, MIEAust, MRAeS

Graham Lindsay Morrison, BE PhD *Melb.*

John Arthur Reizes, ME PhD *N.S.W.*, MIEAust

Charles Matthew Sapsford, BSc(Eng) *Lond.*, ME *N.S.W.*, CEng, MIMechE

Department of Industrial Engineering

Includes Operations Research and Production Engineering.

Associate Professor

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Senior Lecturers

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Thomas Richard Jefferson, MSc *Tor.*, PhD *Northwestern*

Grier Cheng Lin, DipMechEng *P.T.I.T., Taiwan*, PhD N.S.W., MIEAust

Bruce Albert Murtagh, ME *Cant.*, PhD *Lond.*, DIC, CEng, MChemE

Raymond Norman Roth, BE PhD N.S.W., CEng, MIEAust

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Graham Smith, BE MEngSc PhD N.S.W., ASTC, MIEAust

Lecturer

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School of Nuclear Engineering

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Senior Lecturer

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School of Surveying

Professor of Surveying, Head of School and of Department of Geodesy

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Department of Geodesy

Senior Lecturers

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Department of Photogrammetry

Includes Land Studies and Cartography.

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Tutors

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Thomas Sinclair Morrison, BSurv *N.S.W.*, RegSurv(NSW)

Centre for Biomedical Engineering

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Klaus Schindhelm, BE PhD *N.S.W.*

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

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

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

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

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

Krishna Mohan Sharma, MA LLM DipLabourLaws *Raj.*,
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John Basten, LLB *Adel.*, BCL *Oxf.*

Michael Leslie Blakeney, BA LLB *Syd.*

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

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Philip Newell Burgess, LLM *Well.*

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

Michael David Coper, BA LLB *Syd.*

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

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Patricia Hyndman, LLM *Lond.*

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

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Norman Stephen Reaburn, LLB *Melb.*

Paul Murray Redmond, BA LLM *Syd.*

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George Zdenkowski, BA LLB *Syd.*

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

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Tutors

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Keven Hartley Booker, LLB *W. Aust.*

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

Ian Malcolm Cameron, LLM *Cant.*, DipEd *Monash*,
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Senior Tutors
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Tutors
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Judith Helen Burrell, BVSc *Syd.*, MVSc *Melb.*
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School of Medicine

Chairman

Professor R. B. Blacket

Centre for Medical Education Research and Development

Regional Teacher Training Centre for Health Personnel

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The Prince Henry and The Prince of Wales Hospitals

Professor of Medicine and Head of Department

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Professional Officers

Clifford Ng, MSc *N.S.W.*

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St Vincent's Hospital

Professor of Medicine and Head of Department

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Associate Professors

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

Clinical Associate Professors

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

Senior Lecturers

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Lecturer

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Senior Lecturer

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Lecturer

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Clinical Lecturers

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

Department of Diagnostic Radiology

Clinical Associate Professor

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Lecturer

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School of Obstetrics and Gynaecology

Professor of Obstetrics and Gynaecology and Head of School
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Senior Lecturer

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Clinical Senior Lecturer

§Cuthbert Collingwood Fisher, MB BS Syd., FRCOG, FRACGP, FAustCOG

Lecturers

Graeme Jackson Hughes, MB BS N.S.W., FAustCOG, MRCOG
Leo Robin Leader, MB ChB Cape T., FCOGSA, MRCOG, DARCS

School of Pathology

Professor of Pathology and Head of School

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Clinical Professor of Pathology

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Associate Professor

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Senior Lecturers

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Ruth Evelyn Mitchell, BMedSc MD ChB Otago, DCH Lond.
**Vincent Frederick Munro, MB BS DCP Syd., FRCPA
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Clinical Senior Lecturer

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Lecturers

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Rakesh Kamal Kumar, MB BS All India IMS, New Delhi

Honorary Associates

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Darcy William O'Gorman Hughes, MB BS Syd., MD N.S.W., FRACP
Leslie Herbert Stevens, MB ChB BSc N.Z., PhD Lond., FRACP

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Lecturer

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School of Physiology and Pharmacology

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Lecturers

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Ian Richard Neering, BSc PhD *N.S.W.*, MSc *Syd.*

Senior Tutor

Gillian Phyllis Courtice, BSc PhD *Syd.*

Tutors

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Dale Gregory Ferrington, BSc *N.S.W.*

Neil Gordon Kiloh, MB BS *N.S.W.*

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Clinical Associate Professors

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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

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Animal Facilities

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Biomedical Mass Spectrometry Unit

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Electron Microscope Unit

Electron Microscopist

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

Medical Illustration Unit

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Kenneth Walter Deason, AIMBI, ARPS, AIAP

Clinical Teaching Administration

Teaching Hospitals

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

Administrative Assistant

Patricia Dorothy Shaw, BCom *N.S.W.*

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 Torna, 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, Geography, Government, History, Language and Literature, Mathematics, Chemistry, Physics, Civil Engineering, Electrical Engineering, Mechanical Engineering; with tuition in Military Art, Military Science, and Military Technology.

Dean

Professor G. V. H. Wilson

Chairman

Professor R. K. Duggins

Secretary

Roy William Osmac Pugh, BE Syd., BA A.N.U., psc

Senior Graduate Assistant

John Dennis Harverson, BSc N.S.W., AAIFST, 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, Staatl geprüfter Übers,
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

George Russell Webb, BA MCom Melb., MEc A.N.U.,
PhD N.S.W.

Lecturers

Kenneth George Gannicott, MA Sus.
Abul Mansur Mohammad Masih, MA Dacca, MA(Econ) Manc.,
PhD Leeds

Research Assistant

Sharon Edith Jackson, BA N'cle.(N.S.W.)

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.

Lecturers

Colin John Adrian, BSc N.S.W., MA Ohio State
James Sidney Burgess, MA PhD Cant.
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.)

Research Assistant

Gregory Mark Bowman, BA PhD Syd., DipTertEd N.E.

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.
Alan Carlyle Thayer, AB Brown, MA Yale, PhD A.N.U.

Teaching Fellow

Chandran Kukathas, BA A.N.U.

Research Assistant

Susan Constance Moss, BA A.N.U.

Department of History

Professor of History

Vacant

Associate Professor and Acting Head of Department

John Rodway Robertson, MA W.Aust. and A.N.U.

Senior Lecturers

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.

Lecturer

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

Tutor

Ann-Mari Jordens, MA Syd. and Melb.

Teaching Fellow

Gillian Ena Gould, BA *N'cle. (U.K.)*

Research Assistant

Maria de Groot, BA *Adel.*

Department of Language and Literature

Professor of English

Vacant

Associate Professor and Acting Head of Department

John Tudor Laird, MA *Syd.*

Associate Professor

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.*

Teaching Fellow

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

Research Assistant

Sandra Mourilwyn Smout, BA DipEd *Qld.*

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.*

Teaching Fellow

Ashley Wayne Plank, BSc *Auck.*, MSc *Waik.*,
DipT *Christchurch T.C.*

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.*

Tutor

Peter Lewis Harding, BSc *W.Aust.*, MSc *Macq.*,
DipEd *N.E.*

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.*

William Gregory Jackson, BSc PhD *Melb.*, ARACI

Dennis Joseph McHugh, BSc *Syd.*, PhD *N.S.W.*, ARACI

Eldon Percy Serjeant, MSc *N.S.W.*, ARACI

John William Tardif, MSc *Syd.*

Lecturers

Shiu Pang Lee, BSc *H.K.*, MA PhD *N.Y. State*

Richard Alan Russell, BSc *Tas.*, PhD *A.N.U.*

Senior Research Scientist

Benjamin Colin Freasier, BSc PhD *Louisiana State*

Research Officers

Dennis John Isbister, BSc *N.S.W.*, MSc *Indiana*, PhD *N.S.W.*
Donn Lewis Jolly, BSc PhD *Flin.*

Teaching Fellow

David Paul Fairlie, BSc *Adel.*

Research Associate

Clifford Cecil Wright, BMath *N'cle.(N.S.W.)*, PhD *A.N.U.*

Department of Civil Engineering

Professor of Engineering and Head of Department

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

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

John Sneddon, BSc(Tech) *N'cle.(N.S.W.)*, BE PhD *N.S.W.*, MIEAust

Lecturer

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

Tutor

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

Teaching Fellow

Gen Sen Liu, BSc *N.C.K., Taiwan*, MEngSc *W.Aust.*

Professional Engineer

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

Department of Physics

Professor of Physics

Geoffrey Victor Herbert Wilson, MSc DSc *Melb.*, PhD *Monash*, FAIP, MIIR

Associate Professor and Acting Head of Department

David Edward Swan, OBE, BSc *Syd.*, BEd *Qld.*, MInstP, MAIP

Senior Lecturers

Donald Hugh Chaplin, BSc PhD *Monash*, MAIP

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.*

Research Associate

Donald Carruthers Price, BSc PhD *Monash*

Department of Electrical Engineering

Professor of Electrical Engineering and Head of Department

Harry Edward Green, ME *Adel.*, PhD *Ohio State*, CEng, FIEAust, FIREEAust, SMIEEE, jssc

Senior Lecturers

John Desmond Cashman, BE PhD *N.S.W.*, BA MSc *A.N.U.*, CEng, MIEEE, MIEAust

Michael Charles Cavenor, BSc *Aston*, PhD *N.E.*, CEng, MIEAust

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

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

Calendar

Lecturers

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

Lecturers

John Patrick Baird, BSc PhD A.N.U.

Ian William Linnett, BE MEngSc *Syd.*

David Brian Stewart, BE N.S.W., ME PhD *N'cle. (N.S.W.)*,
ASTC, MIEAust

Noel Edward Thompson, BSc *Syd.*, MSc *Birm.*

Tutor

John Stuart Childs, BE *Syd.*

Professional Officer

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

Engineering Support Group

Professional Engineer

Ronald Edward Cottis, BSc(Eng) N.S.W.

Computer Centre

Manager

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

Programmer-in-charge

Willma Alison Stibbards, BSc *Qld.*,
GradDipCompStud *Canberra C.A.E.*, MACS

Programmers

Terrence James Dixon, BSc *W.Aust.*,
GradDipCompStud *Canberra C.A.E.*

Russell Sydney Knock

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.

Bridges Memorial Library

Judith A. Wing, BA *Syd.*, ALAA

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

Commandant, Royal Military College, Duntroon

Major-General A. L. Morrison, AO, DSO, MBE, rcds, psc

Director of Military Art, Royal Military College, Duntroon

Colonel J. Essex-Clark, psc, psc(US)

Student Counsellor

Lieutenant Colonel. A. R. Craig, BA DipSocStud *Syd.*,
AAPsychCorps

Commanding Officer of the Corps of Staff Cadets

Lieutenant Colonel P. C. Jones, psc, G, RAA

Chief Instructor

Lieutenant Colonel P. Davies, AM, jssc, psc, qtc, RAInf

Second in Command of the Corps of Staff Cadets
Major G. A. H. Dugdale, psc, RAInf

Staff Officer 2 (Co-ordination)
Major R. B. Cathcart, psc, RAInf

Staff Officer 2 (Cadets)
Major J. K. Campbell, DipMilStud, RAAOC

Company Commanders
Major P. N. Gibson, MC, BA A.N.U., AustIntCorps
Major G. R. Hill, BA(Mil) N.S.W., RAInf
Major G. R. Kelly, BE N.S.W., MIEAust, RAE

Instructors
Major S. B. Bramah, psc, RAInf
Major E. T. Finnimore, RNZAC

Director of Training Requirements
Colonel T. F. H. Walker, psc, psc(US)

Director of Training Studies
Colonel P. G. Cole, jssc, psc, psc(US)

Faculty of Professional Studies

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

Dean
Professor A. A. Hukins

Chairman
Professor R. J. Lawrence

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 I. K. Lee
Head of the School of Economics: Professor J. R. Niland
Head of the School of Electrical Engineering and Computer Science: Professor N. W. Rees
Head of the School of English: Professor H. J. Oliver
Head of the School of Geography: Professor J. A. Mabbutt
Head of the School of History: Professor F. K. Crowley
Head of the School of Mathematics: Professor D. W. Robinson
Head of the School of Mechanical and Industrial Engineering: Professor N. L. Svensson
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 P. King
Pro-Vice-Chancellor: Professor R. M. Golding
Registrar of the University: Mr I. R. Way
Associate Registrar of the University: Mr J. M. Gannon

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

Professor of Education
Vacant

Senior Lecturers

Robert John Barry, BSc *N.S.W.*, BA DipEd PhD *Syd.*, MSc *Macq.*, MAIP, MAPsS
Colin Fraser Gauld, BSc DipEd PhD *Syd.*
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.*
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.*
Michael Francis Petty, BA *Durh.*, DipEd MEd *Calg.*, PhD *Wis.*
Frederick Edward Trainer, MA PhD *Syd.*

Senior Administrative Officer

Jane Wholohan, BA DipEd *Syd.*

Staff Detached from the New South Wales Department of Education

Lecturers

John Joseph Oliver Brehon, BA HDipEd *N.U.I.*, LèSL *Louvain*, MEd *N.S.W.*
Timothy Douglas Stirton Hull, BSc *N.S.W.*
Alan Laughlin, BSc MEd DipEd *Syd.*
Christopher Raymond Murray, BA *Syd.*, DipEd *Syd.T.C.*, MA *Macq.*
Kathleen Helene Robson, BA DipEd *N.S.W.*
Gaye Laurette Rosen, BSc DipEd MEd *N.S.W.*
Philip Steven Tucker, BA DipEd *Syd.*

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.*
Colin Grant, MA *Oxf.*, and *Brun.*, FHA
John Roger Bancks Green, ARIBA, ARAIA, AADipl

Lecturers

Philip William Bates, BCom LLB *N.S.W.*
Roger Ryerson Collins, BSc *N.S.W.*, PhD *Macq.*
Stephen John Duckett, BEc *A.N.U.*, MHA *N.S.W.*, GradDipEd *Darling Downs I.A.E.*, AHA
Sandra Jeanna Kirby, BA *N.E.*, MA *Macq.*, SRN, RPN, DipNE *Cumberland C.A.E.*, MCN(NSW)
Helen Madeleine Lapsley, BA *Auck.*, MEd *Syd.*
Timothy John Philips, MCom *N.S.W.*, DipEd *Syd.*
Graeme Kendle Rawson, BA *N.E.*, MA *Macq.*, PhD *N.S.W.*, AHA

Tutors

Jane Bradfield, BA *Qld.*
Elizabeth McMaugh, BA *Syd.*, MSc *Lond.*

Administrative Assistant

Adrian L. Landa, BA *N.S.W.*

Honorary Associate

Trevor James Wood, MB BS *Melb.*, MHA *N.S.W.*, FRACP, FRACMA, FHA

School of Librarianship

Professor of Librarianship and Head of School

Melvin Weinstock, BSc *Rutgers*, MSc *Drexel*, ALAA

Associate Professor

Carmel Jane Maguire, BA *Qld.*, MA *A.N.U.*, ALAA

Senior Lecturers

Jack Richard Nelson, MA *Syd.*, MLib *N.S.W.*, ALAA
Peter Orlovich, MA DipEd *Syd.*, MLib *N.S.W.*, ALAA

Lecturers

Michael Robert Middleton, BSc *W.Aust.*, MScSoc DipLib GradDip *N.S.W.*, ALAA
Patricia Willard, BA *N.E.*, MLib *N.S.W.*, ALAA
Concepción Shimizu Wilson, BA *Pomona*, MSLS *N.C.*, ALAA

Senior Tutor

Merilyn Jean Bryce, BA *Syd.*, DipLib *N.S.W.*, ALAA

Tutors

Michael Bruce McLellan, BA *N.S.W.*,
DipLibSc *Kur-ring-gai C.A.E.*, ALAA
Hilary Yerbury, BA *S'ton.*, MA *A.N.U.*, DipLib *N.S.W.*, 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

Ron Baker, MA *Brad.*, CertPSW *Manc.*, DipSocStud *Leic.*, SRN,
SRMN

Senior Lecturers

June Huntington, BA *Lond.*

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

Lecturers

Shirley Jessie Barnes, BA DipSocWk *Syd.*, MSW *N.S.W.*

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.*

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.*

Jennifer Warner Wilson, BA BSocStud *Syd.*

Senior Tutor

Elizabeth Aureena Fernandez, MA *Madr.*

Tutors

Susan Joan Beecher, BA *Macq.*, BSocStud *Syd.*

Carmel Petrea Flaskas, BSW *Qld.*

Brenda Smith, BA *Manc.*, DiplApplSocSt *Lond.*

Administrative Officer

Audrey Nancy Ferguson, BA DipSocStud *Syd.*

Faculty of Science*

Comprises Schools of Chemistry, Mathematics, Optometry and Physics.

Dean

Professor V. T. Buchwald

Chairman

Professor K. N. R. Taylor

Lecturer

Jason Harry Falla Middleton, BSc PhD *Monash*

Graduate Assistant

Emma Shackleton Rossi, BA *Syd.*

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

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† and Head of Department of Organic Chemistry

George William Kenneth Cavill, MSc *Syd.*, PhD DSc *Liv.*, FAA, FRACI

Professor of Theoretical and Physical Chemistry

Raymund Marshall Golding, MSc *Auck.*, PhD *Camb.*, FNZIC, FInstP, FRACI

Professor of Analytical Chemistry and Head of Department of Analytical Chemistry

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

Professor** and Head of Department of Inorganic Chemistry

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

Executive Assistant to Head of School

W. J. Dunstan

Administrative Assistant

Dominic Vincent Portelli

Honorary Associates

Lister George Clark, ASTC, ARACI, FAIFST

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*

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.*

Victor Arthur James Pickles, MSc *N.S.W.*, ASTC, ARACI

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.*

John Sussman, BSc *Syd.*

Richard Szczepanski, BSc *N.S.W.*

Oen Bin Tio, BE *N.S.W.*

Michael Keys Withers, MSc *N.S.W.*

Department of Analytical Chemistry

Associate Professor

Douglas Peter Graddon, MSc PhD *Manc.*, DSc *N.S.W.*, FRIC

Senior Lecturers

Peter William Alexander, MSc PhD *Syd.*, ARACI

Ian Kelvin Gregor, BSc *N.E.*, MSc PhD *N.S.W.*

Jaroslav Petr Matousek, IngChem *T.U. Prague*, PhD *N.S.W.*, ARACI

Lecturers

Sergio Dilli, BSc PhD *N.S.W.*, ASTC, ARACI

Paul Raymond Haddad, BSc PhD *N.S.W.*, ARACI

Tutor

Edward Joseph Czobik, BSc DipFDA *N.S.W.*

Department of Inorganic Chemistry

Associate Professor

Harold Andrew Goodwin, BSc PhD *Syd.*, ARACI

Senior Lecturers

James Roy Backhouse, MSc *Syd.*, PhD *N.S.W.*

Ian Gordon Dance, MSc *Syd.*, PhD *Manc.*, ARACI

David John Phillips, BSc PhD *Lond.*, ARACI

Tutors

Manoranjan Das, BSc *Calc.*, MSc *Patna*, PhD *Boston* and *N.S.W.*, FRIC

Rodney Jack Secomb, BSc DipEd *W.Aust.*

William Anton Zimmermann, BSc DipEd *N.S.W.*

Department of Nuclear and Radiation Chemistry

Associate Professor and Head of Department

Douglas John Carswell, MSc PhD DipEd *Syd.*, CChem, FRACI, FRSC

Senior Lecturers

Norman Thomas Barker, MSc PhD *N.S.W.*

Mervyn Allan Long, MSc PhD *Auck.*, ANZIC

Tutor

Ruth Ann Brooks, BSc PhD *N.S.W.*

†In the field of organic chemistry.

**In the field of inorganic chemistry.

Department of Organic Chemistry

Associate Professors

Peter Steele Clezy, BSc PhD *Tas.*, ARACI
 George Crank, MSc *Qu.*, PhD *Monash*, CChem, MRSC
 Ronald Arthur Eade, MSc *Syd.*, PhD *Liv.*, FRACI
 Michael John Gallagher, MSc *Qld.*, PhD *Camb.*, ARACI
 John Johnson Henry Simes, MSc DipEd *Syd.*, PhD *Liv.*, FRACI

Senior Lecturers

Roger Bishop, BSc *St.And.*, PhD *Camb.*
 Norman William Herbert Cheetham, BSc PhD *Qld.*
 John Lawrence Courtney, BSc PhD *N.S.W.*, ASTC, ARACI
 William John Dunstan, MSc *Syd.*, ARACI
 Peter Thomas Southwell-Keely, BSc *Syd.*, PhD *N.S.W.*
 John David Stevens, BSc *Tas.*, PhD *N.E.*, ARACI

Lecturer

George Vernon Baddeley, BSc *Manc.*, DPhil *Oxf.*

Senior Tutors

Satya Narayana Murthy Durvasula, MSc *And.*, PhD *Syd.*, ARIC
 Inno Salasoo, BSc PhD *N.S.W.*, ASTC, ARACI

Department of Physical Chemistry

Senior Lecturer and Head of Department

Tristan John Victor Findlay, BSc PhD *St.And.*, FRACI

Associate Professors

John Lyndon Garnett, MSc *N.S.W.*, PhD *Chic.*, ASTC, FRACI
 Brian John Orr, MSc *Syd.*, PhD *Brist.*, FRACI

Senior Lecturers

David Scott Alderdice, MSc *Syd.*, PhD *Lond.*
 Brian Raymond Craven, MSc PhD *N.S.W.*, ASTC
 Gregory Stewart Buchanan, MSc *Syd.*, ARACI
 William David Johnson, BSc *Syd.*, MSc *N.E.*, PhD *N.S.W.*
 Prosper David Lark, BEc *Syd.*, MSc PhD *N.S.W.*, ASTC, FRACI
 Alan David Rae, MSc PhD *Auck.*, ANZIC

Lecturers

Martin Peter Bogaard, BSc PhD *Syd.*
 Ruby Foon, MSc PhD *Melb.*

Tutor

Judith Ellen Batts, BSc *Qld.*, PhD *Macq.*

First Year Chemistry

Director of First Year Classes in Chemistry

Trevor Norman Lockyer, MSc PhD *N.S.W.*

Lecturer

Clive Reginald Taylor, BSc *Syd.*

Senior Tutors

Peter See Kien Chia, MSc PhD *N.S.W.*
 Naseem Hasan Peerzada, MSc *Punjab*, PhD *LaT.*

Tutors

Hai Hoang Minh, BSc *N.S.W.*
 Joan Pauline Ross, BSc *Syd.*

School of Mathematics

Professor of Pure Mathematics and Head of School

Derek William Robinson, MA DPhil *Oxf.*, FAA

Professor of Applied Mathematics

Viliam Teodor Buchwald, BSc *Manc.*, MSc PhD *Lond.*, FIMA

Professor of Applied Mathematics

John Markus Blatt, BA *Cinc.*, PhD *C'nell. and Prin.*, FAA, FACS

Professor of Pure Mathematics

Gavin Brown, MA *St.And.*, PhD *N'cle. (U.K.)*

Professor of Statistics

Abraham Michael Hasofer, BEE *Faruk*, BEc PhD *Tas.*, MIEAust

Associate Professor and Director of First Year Studies

Angus Henry Low, MSc DipEd *Syd.*, PhD *N.S.W.*

Senior Tutors

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 Donald Sidney Craig, BSc *Qld.*
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Francis Patrick Higgins, BA N.S.W.

Finance

University Accountant
Bruce Cecil Smith, AASA

Special Projects
Assistant Bursar
George Knight Bull, FASA

Systems Planning and Analysis
Assistant Bursar
Phillip Francis Shepherd, AASA

Senior Administrative Officer
Reginald Clement Snellgrove

Accounts Branch

Assistant Bursar

Kenneth James Williams, BCom *N.S.W.*, AASA

Paymaster and Investment Records Officer

Mervyn Ray Atherton

Examiner of Accounts

Benjamin Van Dulst, BCom *N.S.W.*

Salaries and Wages Officer

Leslie George Hughes

Officer-in-charge, Purchasing Office

Keiran Russell Young

Administrative Officer

John Aitken Clark Morrison, BA *N.S.W.*

Administrative Assistants

Janice Margaret Sweaney

Colin Clarence Withers

Budget Branch

Assistant Bursar

Michael James Anstiss, BCom *N.S.W.*, AASA

Senior Administrative Officers

Eric William Bamforth, AASA

John Michael Cameron, BCom *N.S.W.*

Administrative Officer

Michael John Webster

Administrative Assistants

Christopher Mark Lidbury, BCom *N.S.W.*

Dianne Elizabeth Lim

Gordon Joseph McMahon

William Christiaan Van Kalken

Property Division

Business Manager (Property)

Vacant

Deputy Business Manager (Property)

Vacant

Senior Administrative Officer (Legal)

John William Kennedy, LLB *Syd.*

Architect's Office

University Architect

Noel Sydney Wright, BArch DipTCP *Syd.*, FRAIA

Architects

Allan Lindsay Craig, DipTCP *Syd.*, ASTC, ARAIA

Peter Alfred Godhard, BArch *Syd.*, ARAIA

Buildings, Grounds and Engineering Maintenance Sections

Engineer

John Francis McDonagh, BCE *Melb.*, FIEAust

Assistant Engineer

Barrie Glenn Windhurst, MEngSc *N.S.W.*, ASTC, MIEAust

Maintenance Controller

Kevin Joseph Horsell

Supervisor, Engineering Services

Patrick Joseph Prior

Curator

William Gregory Hart

Property Section

Senior Administrative Officer

Terence John Flitcroft, BEc *Syd.*

Administrative Assistants

Philip Cheong, BA *N.S.W.*

Roger Michael Parks, BEc *Monash*

Patrol and Cleaning Services

Superintendent
Dennis Michael McMahon

Supervisor (Patrol)
Brian Stanley

Supervisor (Cleaning)
Ronald William Knox

The University Union

Warden
Halwyn Charles Serow, BCom *Qld.*, AASA(Senior)

The Kensington Colleges

Master
Kenneth William Bromham, ED, BA MEd DipEd Syd.

Warden, Bassett College
Commander Edward Shimmin, BE BSc *Adel.*, MEngSc *N.S.W.*

Warden, Goldstein College
Vacant

Warden, Philip Baxter College
Professor Melvin Weinstock, BSc *Rutgers*, MSc *Drexel*, ALAA

International House

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

Assistant Warden
June Hall

Prince Henry/Prince of Wales/ Eastern Suburbs Hospitals

Chief Executive Officer
John Edward Delaney, BHA *N.S.W.*

Unisearch Limited

General Manager and Secretary
Barry Rosenberg

Assistant Manager
Ross Arch Lewis, BCom *N.S.W.*

Administrative Assistant
Kenneth McGregor Dick, BSc *N.S.W.*, DipEd *N'cle.(N.S.W.)*

Library

Administration Unit

University Librarian

Allan Roy Horton, BA Syd., FLAA

Associate Librarian

Robert Ziegler Langker, MA Syd., ALAA

Senior Administrative Officer

Ronald Walter Gilmour, BSc N.S.W., DipTech N.S.W.I.T.

Technical Services Division

Technical Services Librarian

Adalbert Dobrovits, BA Syd., DipLib N.S.W., ALAA

Acquisitions Department

Acquisitions Librarian

Dora Petrie Berman, BA Syd., DipLib N.S.W., ALAA

Senior Librarians

Margaret Pam Glock, BA N.E., ALA, ALAA

Lester Gerald Hovenden, BA Tas., ALAA

Elizabeth Jane Marcinko, BA Sask., DipLib N.S.W.

Part-time Senior Librarians

Johanne Elizabeth McLachlan, BA Qld., ALAA

Isabella Doris Trahn, BA Qld., DipLib N.S.W.

Librarians

Deborah Lee Encel, BA Syd., DipLib N.S.W.

Philippa Mary Hill, BA Syd., DipLib Canberra C.A.E.

Christine Maria van der Leeuw, BA Macq., DipLib N.S.W.

Roberta Seymour Whitehead, BA Syd., DipLib N.S.W.

Cataloguing Department

Head Cataloguer

Kerrie Edith Talmacs, BA Syd., DipLib N.S.W.

Deputy Head Cataloguer

Shora Gertrude de Saxe, BA HDipLib Witw.

Senior Librarians

Janet Lyndall Robinson, BA Macq., ALAA

Irene Smith, BA DipLib N.S.W.

Janne Worsley, BA DipEd Tas.

Librarians

Ronald Sherby Berman, BA Brandeis, MLS Pratt Inst., N.Y.

Margaret Brierley, BA Syd., DipLib N.S.W., ALAA

Elizabeth Hau, BA A.N.U.

Bogdan Kazimierz Lewik, MEngPhil Lodz, DipLib N.S.W.

Reginald Musung, BSc Syd., DipLib N.S.W.

Thomas Pill, BA Syd., DipLib N.S.W. ALAA

Systems Section

Systems Manager

Geoffrey Alexander Vitlin, BSc BA Syd., MACS

Systems Analysts

Andrew Michael McBurnie, BAppSc DipTech N.S.W.I.T., MACS

Patricia Orr, MBCS

Reader Services Division

Deputy University Librarian (Reader Services)

Brian Douglass Foote, BDSc Qld., DDS Tor., ALAA

Audio Visual Librarian

Drummond William George McBain, MA St. And.,

DipLib N.S.W., ALAA

Reader Education Librarian

David George Reeder, BA Syd., DipLib N.S.W., ALAA

Librarian

Brigitte Ingrid Hamann, BSc Syd., DipLib N.S.W., ALAA

Joint Services**Senior Librarian**Roslyn Margaret Walker, BA *Syd.*, ALAA

Biomedical Library**Biomedical Librarian**George Thomas Franki, BDS *Syd.*, DipLib *N.S.W.*, ALAA**Deputy Biomedical Librarian**Betty Waddell McEwin, BSc *Adel.*, ARMIT, ALAA**Librarians**Monica Cecilia Davis, BA DipEd *Chile*, DipLib *N.S.W.*Frances Grant-Taylor, BSc *Qld.*, DipLib *N.S.W.*

Prince Henry Hospital**Librarian**Joyce Barry Pate, BA *Syd.*, DipLib *N.S.W.*

Law Library**Law Librarian**Robert Francis Brian, BA *A.N.U.*, DipLib *N.S.W.*, ALAA**Deputy Law Librarian**John Paul Moulos, BEc *Syd.*, LLB DipLib *N.S.W.*, ALAA**Librarians**Margaret Selina Bettison, BA DipEd *Adel.*, ALAADonald William Goodsell, BA LLB *Auck.*, DipNZLS

Physical Sciences Library**Physical Sciences Librarian**Marian Elizabeth Bate, MSc *Syd.*, DipLib *N.S.W.***Deputy Physical Sciences Librarian**Dorothy Anne Basili, BA *Syd.*, DipLib *N.S.W.***Senior Librarian**Phin That Tjhai, BE DipLib *N.S.W.***Librarians**Rhonda Joan Langford, BA *Monash*, DipLib *R.M.I.T.*Margaret Mary Penson, BA DipEd DipLib *N.S.W.*Lionel John Robson, BA *N.S.W.*, ALAAWalter Duncan Rutherford, BA *Syd.*, DipLib *N.S.W.*

Water Research Library**Senior Librarian**Judyth Ann Shaw, MA *Syd.*, ALAA

Social Sciences and Humanities Library**Social Sciences and Humanities Librarian**Alan John Walker, BA *Syd.*, DipLib *N.S.W.*, ALAA**Deputy Social Sciences and Humanities Librarian**Pamela Margaret O'Brien, BEc *Adel.*, DipLib *N.S.W.***Senior Librarian**Pasu Visvalingham Pasupathy, BA *Malaya*, DipEd *Syd.*,
DipLib *N.S.W.*, ALAA**Librarians**Mohammed Kazim, BA DipLib *N.S.W.*, ALAAMalcolm Ross Gordon, BSc *Syd.*, DipLib *N.S.W.*Rosaline Wai-Shan Lam, BSocSci *H.K.*, DipLib *N.S.W.*, ALAASuzanne Cheryl Peters, BA *N.S.W.*Anne Wilhelmina Van Wienen, DrEcon *Hamburg*, DipCom *Berl.*,
DipLib *N.S.W.*, ALAAHermine Margot Zeggelink, BA *A.N.U.*, DipLib *Canberra C.A.E.*

Undergraduate Library**Undergraduate Librarian**Patricia Frances Howard, BA *Syd.*, ALAA**Deputy Undergraduate Librarian**Carol Valerie Terry, BA *Syd.*, DipLib *N.S.W.***Senior Librarian**Helen Elaine Lorne-Smith, BSc *Syd.*, DipLib *N.S.W.*, ALAA**Librarians**Judith Mary Bonner, BSW BA *Qld.*, ALAACaroline Ann Bowyer, BA DipEd *Syd.*, DipLib *N.S.W.*, ALAADouglas George Hynd, BCom DipLib *N.S.W.*Rani Khuman, BA *Punj.*, DipLib *N.S.W.***Part-time Librarians**Cecilia Croaker, BA *Syd.*, DipLib *N.S.W.*Prudence Mary Taylor, BA *Monash*, DipLib *N.S.W.*

Broken Hill Division

Director

Professor J. E. Andersen

Librarian

Peter Geoffrey Longrigg, BA *P.N.G.*, DipLib *Canberra C.A.E.*,
ALAA

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

Head of Department of Science

Professor John Everard Andersen, BE *Melb.*, PhD *N.S.W.*,
FIEAust, MAusIMM, ARACI

Head of Department of Mining and Mineral Sciences

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

Department of Mining and Mineral Sciences

Professional Officer

Kenneth James Murray, BSc *Syd.*, MSc *N.S.W.*, AMAusIMM

Mechanical Engineering

Lecturers

Llewellyn Ramsay Jones, BSc *N.Z.*, DipAm MEng *Sheff.*,
PhD *Wales*, MIEAust, MIMechE

Ian Lachlan MacLaine-cross, BE *Melb.*, PhD *Monash*, MIEAust,
MAIRAH, MSES

Chakravarti Varadachar Madhusudana, BE *Mys.*, ME *I.I.Sc.*,
PhD *Monash*, MIEAust

Mining Engineering

Senior Lecturer

Venkata Satyanarayana Vutukuri, BSc(Eng) *Ban.*, MS *Wis.*,
MMGI, AIME, AMAusIMM

Mineral Science

Senior Lecturer

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

Geology

Senior Lecturer

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

Department of Science

Chemistry

Lecturer

Derek Richard Smith, BSc PhD *Wales*

Senior Tutor

Robert Edward Byrne, MSc *N.S.W.*, ARACI, AMAusIMM

Mathematics

Senior Lecturer

Zdenek Kviz, DipPhys Brno, CSc RerNatDr Charles,
PhD Prague

Lecturers

David Charles Guiney, BSc PhD Adel.

Dennis William Trenerry, BSc PhD Adel.

Physics

Senior Lecturer

Robert John Stening, MSc Syd., PhD Qld., DipTertEd N.E.
FRMetS, MAIP

Lecturer

Kenneth Reid Vost, BSc Glas., MSc N.S.W., AMAusIMM

Fowlers Gap Research Station

Officer-in-charge

Charles Richard Carter, BSc PhD Syd.

Former Officers of the University

Chancellors

Wallace Charles Wurth, CMG, LLB, Hon.LLD, FSTC
1949-1960

The Hon. Sir John Clancy, KBE, CMG, LLB, Hon.DLitt,
Hon.LLD 1960-1970

Sir Robert Webster, CMG, CBE, MC, Hon.DSc, FASA
1970-1975

Deputy Chancellors

Roy William Harman, MSc, DS, FAcI 1949-1953

The Hon. Sir John Clancy, KBE, CMG, LLB, Hon.DLitt,
Hon.LLD 1953-1960

Sir Robert Webster, CMG, CBE, MC, Hon.DSc, FASA
1960-1970

The Hon. Sir Kevin Ellis, KBE, LLB, BEc 1970-1975

Director

Arthur Denning, BSc DipEd, Hon.DSc, ASTC 1949-1952

Vice-Chancellor

Sir Philip Baxter, KBE, CMG, BSc PhD, Hon.DSc, FTS, FAA,
FRACI, FIEAust, MICHE 1953-1969

Pro-Vice-Chancellors

David Watkin Phillips, BSc PhD, DipMetMin, FGS, MIMinE,
MAmerIME, MAusIMM 1955-1962

Rupert Horace Myers, CBE, MSc PhD, Hon.LLD, Hon.DSc,
CEng, FTS, FIM, FRACI, FAIM, MAusIMM 1961-1969

John Faithfull Clark, BSc MA DipEd PhD 1962-1967

Albert Henry Willis, DSc(Eng), CEng, FIMechE, FIEAust,
MemASAE, WhSc 1967-1978

Chairmen of the Professorial Board

Arthur Denning, BSc DipEd, Hon.DSc, ASTC 1949-1952
David Watkin Phillips, BSc PhD, DipMetMin, FGS, MIMinE, MAMerIME, MAustMM 1953-1959
Rex Eugene Vowels, AO, ME, CEng, SMIEEE, MIEAust, FIEE 1959-1968
Horace Newton Barber, MA ScD PhD, FRS, FAA 1968-1970
Robert John Walsh, AO, OBE, MB BS, FRACP, FAA, MCPA 1970-1973

Professores Emeriti

Stephen John Charles Angyal, OBE, PhD DSc, FAA, FRACI
Henry Ingham Ashworth, OBE, MA BA(Arch), FRIBA, FRAIA, Hon.FRAIC, FAIB, MRAP
Emery Balint, MCE, PhD, FIEAust, FICE, FAIB, Hon.FAICS
Sir Philip Baxter, KBE, CMG, BSc PhD, Hon.DSc, FAA, FRACI, FIEAust, MICHemE
Geoffrey Bosson, MSc
Eric Paul George, BSc PhD DSc, FlinstP, FAIP
Arthur Stanley Hall, BSc(Eng), DIC, FIEAust, MACI
Patrick Reginald McMahon, MAgSc, PhD, FAIAS, FASAP, ARIC
David Paver Mellor, DSc, FRACI
Christopher John Milner, MA PhD, FlinstP, FAIP
John Philip Morgan, BE, ASTC, FSASM, FIEAust, FAIM, MAusIMM, MAIME, CertMineManager
Crawford Hugh Munro, BE, FRSH, FRSA, FIEAust, MASCE, MIWE
Dennis Frank Orchard, BSc PhD, DIC, ACGI, FIEAust, FCIT, MICE
Cecil Robert Burnet Quentin, MA
Bernhard John Fredrick Ralph, BSc PhD, FTS, FRACI
John Spurgeon Ratcliffe, MSc PhD, ASTC, CEng, FIREE, FIEAust, FIChemE
Francis Felix Rundle, MD BS BSc, FRCS, FRACS, FACS
Eugene Bryan Smyth, Hon.DSc, ASTC, FASA, FCAA, FCIS
Peter Spooner, DipLD, ASTC, FILA, FAILA, ARIBA
George Szekeres, DipChemEng, FAA, Hon.DSc
Frederick Edward Anthony Towndrow, FRIBA, FRAIA, FAPI
Leonard Charles Frederick Turner, MA, FASSA
James Matthew Vincent, DScAgr, DipBact, FAIAS
Albert Henry Willis, DSc(Eng), CEng, FIMechE, FIEAust, MemASAE, WhSc
Neville Reginald Wills, BEc MSc, FRGS
John Fell Dalrymple Wood, BSc BE, FIEAust, MACE

Registrar Emeritus

Godfrey Lionel Macauley, BEc 1950-1974

Bursars

Joseph Ormond Aloysius Bourke, BA 1954-1965
Edwin Hall Davis, AASA, ACIS 1966-1972

Registrars

John Charles Webb, MSc DipMetMin, FGS, MIMinE 1949-1950
Colin George Plowman, BEc 1974-1976
Keith Lynden Jennings, BA MEd MACE 1976-1980

Librarian

John Wallace Metcalf, BA FLA 1960-1966

Former Members of the Council

Stephen John Charles ANGYAL (Emeritus Professor) 1957-1959
Henry Ingham ASHWORTH (Emeritus Professor) 1970-1972
James Johnston AUCHMUTY (Professor) 1959-1961
Kevin James AUSTIN 1977-1979
Frederick William AYSCOUGH (Professor) 1953-1957
Lloyd Sydney BAKER 1955-1957
Horace Newton BARBER (Professor) 1968-1970
Lindley John Forbes BARRACLOUGH MLA 1974-1976
Sidney Edgar BARRATT 1965-1977
James Noel BARRETT 1955-1958
William Harold BARWICK 1975-1977
John Dennis BAXTER 1965-1967, 1975-1977
Philip BAXTER (Emeritus Professor Sir) 1950-1969
Richard John BECKETT 1973-1975
Charles Brian BELCHER 1961-1965
Ralph Beattie BLACKET (Professor) 1970-1973
Robert Frank Etherington BOLTON 1963-1973
Kenneth George BOOTH MLA 1962-1965
Geoffrey BOSSON (Emeritus Professor) 1953-1955
Frank Symonds BRADHURST 1955-1957
Harold James BROWN (Professor) 1949-1952
Morven Sydney BROWN (Professor) 1961-1963
Walter Ralston BUNNING 1971-1977
Robert Charles Philip CAIRNS (Dr) 1963-1969
Athol Sprott CARRINGTON (Professor) 1973-1977
Thomas Garden CARTER 1959-1962
Malcolm CHAIKIN (Professor) 1961-1963, 1965-1969
Colin John CHARLTON 1977-1979
John CLANCY (The Hon. Sir) 1949-1970
William Edward CLEGG 1947-1957
Jeffrey COHEN 1971-1973
Kenneth COLES (Sir) 1961-1965
Harold Graydon CONDE 1947-1959
Michael David COPER 1973-1977

Dixie Martha COULTON 1978-1980
 Gerald King CRANNY 1950-1953
 John Cowan CRAWFORD 1969-1971
 Evelyn Douglas DARBY MLA 1976-1977
 Arthur DENNING 1947-1958
 Eric Alexander DICKSON 1958-1962
 Lorimer Fenton DODS (Emeritus Professor Sir) 1962-1964
 Ross Anthony DOONAN 1976-1978
 James Bartram DOUGLAS (Associate Professor) 1971-1975
 Philip John DRUMMOND 1973-1975
 Randolph Edward DUNBAR 1962-1971
 Kevin ELLIS (The Hon. Sir) 1965-1975
 Ian Thomas ERNST 1960-1965
 Raymond James Wood Le FEVRE (Professor) 1947-1948
 Francis Joseph FINNAN (The Hon.) MLA 1949-1953
 Geoffrey Francis FISHBURN (Dr) 1971-1975
 Douglas Lyons FORD 1965-1973
 Robert Thomas FOWLER (Professor) 1975-1977
 John Maxwell FREELAND (Professor) 1963-1965
 Robert Clarence GIBSON 1955-1959
 John Patrick GLASHEEN 1947-1954
 William McCulloch GOLLAN (The Hon.) MLA 1953-1962
 John Martin GREEN 1974-1976
 George Vincent HALL (Dr) 1969-1977
 Ralph Frederick HALL (Professor) 1978-1979
 Berthold HALPERN 1971-1973
 Roy William HARMAN 1947-1953
 Francis Neil HARPLEY 1975-1979
 Robert Carr HARRISON 1947-1953
 Ronald Max HARTWELL (Professor) 1955-1956
 Robert James HEFFRON (The Hon.) MLA 1947-1949
 Jeremiah HIRSCHHORN 1962-1966
 Richard Meredyth HUEY (Associate Professor) 1967-1971
 Austin Adolphus HUKINS (Professor) 1971-1975
 George Ian Dewart HUTCHESON (Captain) 1956-1965
 Richard Richmond JEREMY (Dr) 1964-1969
 Allan Robert JOHNSTON 1958-1967
 John Patrick KENNEDY 1957-1959
 James Denis KENNY (The Hon.) MLC 1960-1967
 William George KETT 1947-1962
 Robert Arthur KING (The Hon.) MLC 1949-1960
 James Norman KIRBY 1947-1955
 Walter Heath LAMBERT 1969-1977
 William Rae LAURIE (Dr) 1949-1970
 Milton Patrick McCARNEY 1968-1974
 Neil Robert McDONALD (Dr) 1973-1975
 Paul Lawrence McELROY 1980
 John Gordon McKENZIE 1947-1952
 David Lyon McLARTY 1957-1962
 James Kenneth MacDOUGALL 1948-1960
 Reginald William John MACKAY 1960-1969
 David John MAGNUSSON 1959-1961
 James Joseph MALONEY (The Hon.) MLC 1949-1967
 John Harold MASTERS 1977-1978
 Julie Ann MATTHEWS 1977-1979
 David Paver MELLOR (Emeritus Professor) 1963-1967
 Jessica Ruth MILNER 1965-1971
 Allan George MOYES 1969-1977
 Paul Raymond MULRONEY 1977-1979
 Crawford Hugh MUNRO (Emeritus Professor) 1955-1959, 1961-1965
 Robert Kenneth MURPHY 1950-1953
 Claude Edward Courtenay NICHOLLS 1963-1969
 Harold James OLIVER (Professor) 1970-1971
 Peter John O'NEILL 1957-1961
 John Mitchell O'TOOLE 1977-1979
 Richard Godfrey Christian PARRY-OKEDEN (Dr) 1947-1969
 David Watkin PHILLIPS (Professor) 1952-1959
 Simon Jacques PROKHOVNIK 1966-1969, 1973-1979
 Alan Philip PROSSER (Dr) 1975-1977
 Edward Sydney QUAY 1971-1973
 Bernhard John Fredrick RALPH (Emeritus Professor) 1959-1961, 1971-1975
 Leo Richard RAWSON 1971-1974
 Edward Oswald RAYNER (Dr) 1965-1969
 Gerald Frederick RHOADES 1957-1963
 Percy Dryden RIDDEL 1947-1950
 Ronald Henry RIGBY 1969-1971
 Roslyn Jane Stafford RIORDAN 1975-1977
 Gareth Edward ROBERTS (Professor) 1975-1979
 Stephen Henry ROBERTS (Emeritus Professor Sir) 1947-1969
 William Milton ROBERTSON 1971-1973
 Arthur Alfred ROBINSON 1953-1957
 John Allan RODGERS 1969-1977
 Albert Ernest ROGERS 1960-1965
 Raymond Louis ROGERSON 1953-1955
 Francis Felix RUNDLE (Emeritus Professor) 1963-1967
 Ian Antony SMITH 1975-1977
 Eugene Bryan SMYTH (Emeritus Professor) 1957-1961, 1965-1969
 Colin Arthur STAPLETON (Associate Professor) 1977-1979
 Philip Albert SULLIVAN 1959-1960
 Robert Henry SUTHERLAND 1957-1969
 Gregory Bede THOMAS (His Hon. Judge) 1949-1970
 John Basil THORNTON (Professor) 1957-1962, 1967-1969
 Frans Willem TIMMERMAN 1973-1975
 John Joseph TOOMEY 1961-1973
 Frederick Edward TOWNDROW (Emeritus Professor) 1950-1955, 1961-1963
 Alfred Jacobus van der POORTEN 1967-1973
 Harold Rupert VALLENTINE (Professor) 1975-1977
 Rex Eugene VOWELS (Professor) 1959-1968
 Greig Richard WALLWORK (Associate Professor) 1973-1975
 Robert John WALSH (Professor) 1969-1973, 1977-1979
 Geoffrey WARD 1953-1955
 Edward WARREN (The Hon. Sir) MLC 1965-1977
 Robert WEBSTER (Sir) 1947-1975
 Fred WILSON 1947-1953
 John Fell Dalrymple WOOD (Emeritus Professor) 1950-1975
 Jeremy Maughan WRIGHT 1975-1979
 Wallace Charles WURTH 1947-1960
 Harold Stanley WYNNDHAM (Sir) 1952-1968
 Hedley Lawry YELLAND 1969-1977
 Diane YERBURY (Professor) 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:

1. (1) This Act may be cited as the "University of New South Wales Act, 1968".

**Short title and
commencement.**

(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.

2. (1) The Acts specified in the Schedule to this Act are, to the extent therein expressed, hereby repealed.

Repeals and savings.

(2) The repeals effected by subsection one 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 to this Act and in force immediately before the appointed day shall be deemed to be a delegation by the Council made under this Act.

**Amended, Act No. 170
1978, s. 4 (1), Schedule 2.**

**Definitions.
Act No. 11, 1949, s. 15.**

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.

**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).**

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.

(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.

(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.

**Common seal.
Act No. 11, 1949, s. 17.**

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.

(2) All courts, judges and persons acting judicially shall take judicial notice of the common seal of the University affixed to any document, and shall presume that it was duly affixed.

7. The objects of the University shall include

- (a) the provision of facilities for higher specialised instruction and advanced training in the various branches of technology and science in their application to industry and commerce;
- (b) aiding, by research and other suitable means, the advancement, development, and practical application of science to industry and commerce; and
- (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.

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

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.

**The Council.
Act No. 11, 1949, s. 19.**

(2) Subject to section three of this Act, 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).**

(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 the commencement of the term of service of the members of that Council elected at each election held as required by section 17F (5) 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.

**Amended,
Act No. 75, 1970,
s. 2 (1) (a) (i).**

**Amended,
Act No. 75, 1970,
s. 2 (1) (a) (ii).**

(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.

(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

**Amended,
ibid., s. 3 (1) (b).**

- (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;
- (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 purpose 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;

ibid., s. 3 (1) (c).

**Substituted paragraph,
ibid., s. 3 (1) (d).**

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

Provided that a person who is a full-time member of the staff of the University shall be ineligible to be elected as a member of the Council under paragraph (b) of this subsection.

**New paragraph added,
ibid.**

The by-laws may make provision for or with respect to determining whether or not a person is a full-time member of the staff of the University for the purposes of this subsection.

For the purposes of this subsection "graduate" means a person whose name appears on the list, prepared in accordance with the by-laws, of graduate electors.

The by-laws may make provision for or with respect to determining whether or not a person is a full-time member of the non-academic staff of the University.

**New subsection added,
Act No. 75, 1970,
s. 3 (1) (e).**

(5A) The elected student members of the Council shall comprise three persons, each qualified and elected as prescribed by the by-laws:

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 seven of this section, shall comprise

**Amended,
Act No. 75, 1970,
s. 2 (1) (a) (iv).**

(a) five persons nominated in accordance with that subsection as being persons who are practising, or who have practised, in the professions;

(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

**Amended,
ibid., s. 2 (1) (a) (v).**

(e) six other persons appointed by the Minister.

(7) For the purposes of subsection (6) (a), (b), (c) and (d)

(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.

The regulations may provide in respect of any such paragraph for the nomination of a number of persons in excess of the number to be appointed.

(8) Subject to this Act, a member of the Council shall hold office

(a) in the case of a parliamentary member, until a member of the House of Parliament that elected him is elected by that House to replace him;

(b) in the case of an official member, while he holds the office by virtue of which he is such a member; and

(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.

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, ceases to be a member of that Council; 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 is not re-elected as a member of that Assembly at the next general election of members of that Assembly.

**Amended,
Act No. 75, 1970,
s. 2 (1) (a) (vi).**

**Amended
ibid., s. 2 (1) (a) (vii).**

**New paragraph added,
ibid., s. 2 (1) (a) (viii).**

**Amended
s. 2 (1) (a) (ix) (x).**

**Vacation of office.
Act No. 11, 1949, s. 20.**

**Amended,
Act No. 75, 1970,
s. 2 (1) (b) (i).
Substituted paragraph,
ibid., s. 2 (1) (b) (ii).**

**New paragraph added,
ibid.**

**Chancellor and Deputy
Chancellor.
Act No. 11, 1949, s. 21.**

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.

(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 one of this section, hold office for such period and on such terms and conditions as may be prescribed by the by-laws.

**Chairman
Act No. 11, 1949, s. 22.**

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.

**Questions—how decided.
Act No. 11, 1949, s. 23.**

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.

(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.

**Validity of acts and
proceedings.
Act No. 11, 1949, s. 24.**

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.

(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.

**Powers of the Council
Act No. 11, 1949, s. 25.**

14. Subject to this Act and to the regulations and by-laws, the Council

(a) may provide courses in applied science, engineering, technology, commerce, industrial organisation, humane studies and medicine and such other courses as it deems fit and may, after examination, confer the several degrees of Bachelor, Master and Doctor, and such other degrees and such certificates in the nature of degrees or otherwise and such diplomas as it thinks fit;

(b) may from time to time appoint and terminate the appointment of deans, professors, lecturers and other officers and employees of the University;

(c) shall have the entire control and management of the affairs, concerns and property of the University;

(d) may invest any funds belonging to or vested in the University in such securities as may be prescribed by the by-laws; and

(e) may act in all matters concerning the University in such manner as appears to it best calculated to promote the objects and interests of the University.

15. (1) The Vice-Chancellor shall be the chief executive officer of the University.

Vice-Chancellor.

Act No. 11, 1949, s. 26.

(2) The person who, immediately before the appointed day, held office as Vice-Chancellor of the University shall, on and from that day, be the Vice-Chancellor and shall hold that office upon the terms and conditions upon which, and for the residue of the period for which, he would have held that office had this Act not been enacted.

(3) The Vice-Chancellor shall have and may exercise and discharge such powers, authorities, duties and functions as may be prescribed by the by-laws and subject thereto as the Council may determine.

(4) The Vice-Chancellor shall, subject to subsection two of this section, hold office for such period and upon such terms and conditions as the Council determines.

(5) Where a vacancy occurs in the office of Vice-Chancellor the Council shall appoint a person to be Vice-Chancellor.

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.

Delegation to committees, etc.

Act No. 11, 1949, s. 27.

(2) Every delegation under this section shall be revocable by resolution of the Council and no delegation shall prevent the exercise of discharge by the Council of any of its powers, authorities, duties or functions.

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.

Ad eundem and honorary degrees.

Act No. 11, 1949, s. 28.

(2) A person upon whom a degree is conferred, under the provisions of subsection one of this section shall be entitled to the same rights and privileges as appertain to persons who have taken the same degree in the ordinary course in the University.

(3) By-laws may be made for or with respect to the conferring of honorary degrees or other distinctions.

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.

Branches, departments and colleges.

Act No. 11, 1949, s. 29.

(2) The Council may, with the approval of the Minister

(a) authorise the establishment of residential colleges or halls of residence within the University or elsewhere;

(b) authorise the affiliation with the University of residential colleges; or

(c) join or co-operate with any person in the provision or conduct of student hostels and residential accommodation for students.

(3) The Council may authorise any college or educational establishment, whether incorporated or not, to issue to a candidate for any degree or diploma conferred by the University a certificate to the effect that the candidate has completed such course of instruction therefor as the Council by by-law prescribes and any person who presents to the Council any such certificate may be admitted as a candidate for the degree or diploma to which it refers.

19. All degrees conferred by the University shall be evidenced by a certificate under the common seal of the University.

Evidence of degrees conferred.

Act No. 11, 1949, s. 30.

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

20. The Council may make by-laws under section 22 for or with respect to

(a) the payment of such fees and charges, including fines, as the Council deems necessary, including fees and charges to be paid in respect of

(i) entrance to the University;

(ii) tuition;

(iii) lectures and classes;

(iv) examinations;

(v) residence;

(vi) 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.

Investigations.
Act No. 11, 1949, s. 32.

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.

(2) The Council may, subject to any conditions imposed under subsection one of this section, publish information relating to any matter investigated by it pursuant to the provisions of that subsection.

By-laws.
Act No. 11, 1949, s. 37.

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.

(2) Without prejudice to the generality of subsection one of this section the Council may make by-laws with respect to

(a) the management, good government, and discipline of the University;

(b) the method of election of members of the Council (other than the parliamentary members) who are to be elected;

(c) the manner and time of convening, holding and adjourning the meetings of the Council; the manner of voting at such meetings, including postal voting or voting by proxy; the powers and duties of the Chairman thereof; the conduct and record of the business; the appointment of committees of the Council, and the quorum, powers and duties of such committees;

(d) the number, stipend, manner of appointment and dismissal of deans, professors, lecturers, examiners and other officers and employees of the University;

(e) the entrance standards for students;

(f) the examinations for and the granting of degrees, diplomas, certificates and honours and the attendance of candidates therefor;

(g) the examinations for and the granting of fellowships, scholarships, exhibitions, bursaries and prizes;

(h) the admission of students of other universities and institutions of higher education to any status within the University or the granting to graduates of such universities or institutions, or other persons, of a degree or diploma without examination;

(i) the establishment of residential colleges and halls of residence within the University and their conduct or the affiliation of residential colleges;

(j) the affiliation with or admission to the University of any educational or research establishment;

(k) the provision of a scheme of superannuation for the professors of the University.

(3) The by-laws may provide for empowering any authority (including the Council) or officer of the University to make regulations, rules or orders (not inconsistent with this Act or with any by-law) for regulating, or providing for the regulation of, any specified matter (being a matter with respect to which by-laws may be made) or for carrying out or giving effect to the by-laws, and any such regulation, rule or order shall have the same force and effect as a by-law.

(4) Every by-law made by the Council shall be sealed with the common seal of the University and submitted for consideration and approval of the Governor.

(5) Section 41 of the Interpretation Act, 1897, applies in respect of a by-law approved by the Governor under subsection (4) as if this Act had been passed after the commencement of the Interpretation (Amendment) Act, 1969.

(6) Any such by-law may be proved in any court by the production of a verified copy under the seal of the University or by the production of a document purporting to be a copy of such by-law and to be printed by the Government Printer.

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.

Treasurer to meet certain costs.

Act No. 11, 1949, s. 39.

(2) To enable the Treasurer to exercise and perform the powers and functions conferred on him by subsection one of this section, the University shall, either before or as soon as practicable after the first day of January in each year, submit to the Treasurer estimates of the expenditure and income of the University for such year and such other information as the Treasurer may deem necessary.

(3) Any moneys payable by the Treasurer under this section shall be paid out of moneys provided by Parliament.

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.

Advances by Treasurer.

Act No. 11, 1949, s. 40

25. The University may borrow money for

(a) the purpose of carrying out its objects or exercising or performing any of its powers, authorities, duties and functions;

(b) the renewal of loans; or

(c) the discharge or partial discharge of any indebtedness to the Treasurer or to any bank, within such limits, to such extent and upon such conditions as to security or otherwise as the Governor upon the recommendation of the Treasurer may approve.

Power of University to borrow.

Act No. 11, 1949, s. 41.

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.

Accounts to be rendered.

Act No. 11, 1949, s. 42.

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.

Audit.

Act No. 11, 1949, s. 43.

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.

No religious test.

Act No. 11, 1949, s. 44.

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

29. (1) The University shall have power to acquire by gift, bequest or devise any property for the purpose of this Act, and to agree to and carry out the conditions of any such gift, bequest or devise.

(2) The rule of law relating to perpetuities shall not apply to any condition of a gift, bequest or devise to which the University has agreed.

**Acquisition of land.
Act No. 170, 1978,
s. 4, Schedule 1.**

29A. (1) For the purposes of this Act, the Governor may, on the recommendation of the Minister, resume or appropriate any land under Division 1 of Part V of the Public Works Act, 1912.

(2) The Minister shall not make a recommendation for the purposes of subsection (1) unless he is satisfied that adequate provision has been or will be made for the payment by the University of compensation for the resumption or appropriation and of all necessary charges and expenses incidental to the resumption or appropriation.

(3) A resumption or appropriation effected pursuant to subsection (1) shall be deemed to be for an authorised work within the meaning of the Public Works Act, 1912, and the Minister shall, in relation to that authorised work, be deemed to be the Constructing Authority within the meaning of that Act.

(4) Sections 34, 35, 36 and 37 of the Public Works Act, 1912, do not, but section 38 of that Act does, apply in relation to a resumption or appropriation under this section.

**Transfer of land to
University.
Act No. 170, 1978,
s. 6, Schedule 1.**

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.

(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.

**Council to co-operate
with other bodies.
Act No. 11, 1949, s. 46.**

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.

**Report of proceedings.
Act No. 11, 1949, s. 47.**

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.

(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.

**Regulations.
Act No. 11, 1949, s. 48.**

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.

(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.

If either House of Parliament passes a resolution of which notice has been given at any time within fifteen sitting days after such regulations have been laid before such House disallowing any regulation or part thereof, such regulation or part shall thereupon cease to have effect.

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.

(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".

34. (1) The Technical Education and New South Wales University of Technology Act, 1949, as subsequently amended, is amended

(a) by omitting from the long title the words "to provide for the establishment and incorporation of a New South Wales University of Technology";

(b) (i) by omitting from subsection one of section one the words "and New South Wales University of Technology";

(ii) by omitting from subsection two of the same section the matter relating to Part III;

(c) by omitting paragraph (b) of subsection one of section nine and by inserting in lieu thereof the following paragraph:

(b) the co-ordination of the functions of the Department of Technical Education with those of the Department of Education, the University of Sydney, The University of New South Wales and other bodies concerned with education.

(2) The Technical Education and New South Wales University of Technology Act, 1949, as subsequently amended and as amended by this Act, may be cited as the Technical Education Act, 1949-1968.

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. Sub-section 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.

Amendment of Act No. 28, 1916.

Sec. 3
(Interpretation.)

Schedule III.
(Consequential.)

Amendment of Act No. 11, 1949.

Long title.

Sec. 1.
(Short title and division into parts.)

Sec. 9.
(Functions and duties of Council.)

Amendment of Act No. 72, 1964.

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

Sec. 3.

Regulations

Interpretation

1. The regulations made under part III of the Technical Education and University of New South Wales Act, 1949, as subsequently amended, are hereby repealed.

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.

Submission to Minister of Panels of Names Relating to the Appoint- ment of Certain Members of the Council of the University

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.

(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 shall, in respect of the first appointment of members to the Council of the University in pursuance of the Act, be submitted to the Minister not later than the fourteenth day of May, one thousand nine hundred and sixty-nine, and in respect of any subsequent appointment of members of that Council, be submitted to the Minister not later than the fourteenth day of May in the year in which the appointment is to be made.

Organization	No. of Nominations	Schedule
The Institution of Engineers, Australia, Sydney Division	3	Part A Persons who are Practising or have Practised in the Professions
The Royal Australian Chemical Institute (NSW Branch)	3	
The Australian Optometrical Association (Division of New South Wales)	3	
The Royal Australian Institute of Architects, NSW Chapter	3	
The Institution of Production Engineers (Sydney Section)	3	
The Australian Institute of Physics (NSW Branch)	3	
The Australasian Institute of Mining and Metallurgy Incorporated	3	
The Royal Australasian College of Physicians	3	
The Royal Australasian College of Surgeons	3	
The Australian College of General Practitioners (New South Wales Faculty)	3	
The Law Society of New South Wales	3	
The New South Wales Bar Association	3	
The Australian Institute of Building (New South Wales)	3	
The Chamber of Manufactures of New South Wales	3	Part B Persons experienced in Industry or Commerce
The Sydney Chamber of Commerce	3	
The Metal Trades Employers' Association	3	
The Employers' Federation of New South Wales	3	
The Building Industry Advisory Council, New South Wales	3	
The Australian Institute of Management (Sydney Division)	3	
The Master Builders Association of New South Wales	3	
The Labor Council of New South Wales	3	Part C Persons associated with Trade Unions or Employee Organizations
The University of New South Wales Staff Association	3	
The Public Service Association of New South Wales	3	
The Livestock and Grain Producers' Association of New South Wales	2	Part D Persons experienced in Agricultural, Pastoral or other Rural Affairs
The Primary Producers' Union	2	

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.

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

49. When a casual vacancy occurs in the office of an elected member, the Council shall appoint a person to fill the vacancy.

Filling of Casual Vacancy in the Office of an Elected Member

**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 text and principal reference books and 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 books and 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 professor of that faculty. 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 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 prescription of text and principal reference books and 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 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.

9B. (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, 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 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 such admission by an absolute majority of the Professorial Board and by an absolute majority of the faculty in which the degree is to be conferred as being a person of distinguished eminence in some branch of learning appropriate to such faculty.

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 –

(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.

Chapter X – Fees and Charges

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 Associate Professor K. G. Rienits. The Graduate Assistant is Mrs Emma S. Rossi.

Broken Hill Division

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

The Broken Hill Division of the University provides courses in Mechanical Engineering, Mining Engineering, and in Mineral Processing leading to the award of the degrees of BSc(Eng), BE or BSc(Eng), and BSc(Tech) respectively. Details of these courses are set out in the section of the Faculty of Engineering Handbook covering the School of

Mechanical Engineering and in the section of the Faculty of Applied Science Handbook covering the School of Mining Engineering. Courses in Electrical and Civil Engineering can be commenced at Broken Hill Division and completed at Kensington. Science courses in Chemistry, Mathematics and Geology are also offered leading to the award of the degree, Bachelor of Science. Details of this course may be found in the Combined Sciences Handbook.

Further information concerning the facilities 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. In recent years, the courses were developed under the guidance of external academic committees to make them comparable in standard with university undergraduate courses.

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 within a period of ten years. Acting under the agreement, the University established in 1968 the Faculty of Military Studies at the College. Through it the University now 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.

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*.

In 1974 the Commonwealth Government announced its intention to establish an Australian Defence Force Academy for the education of officer cadets from the three Services. The operation and development of the Faculty continued in this context under a new agreement between the University and the Minister for Defence made early in 1977.

Consultations between the University and the Department of Defence are proceeding in connection with the planning of the new academy.

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 sixteen 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 five 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.

In fulfilment of its second aim the School has introduced Masters' degree programs in Business Administration (MBA) and Public Administration (MPA) designed to accelerate the development of talented young persons in 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 third aim is to develop a doctoral program to meet the future needs of trained academic staff, not only to a limited extent for the national School itself but also in particular 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 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 G. Rose (Applied Geology); Dr W. R. Blevin (Applied Physics); Mr A. M. Stretton (Building); Mr P. Huggins (Chemical Engineering and Industrial Chemistry); Dr J. T. Baker (Chemistry); Mr C. H. Monk (Civil Engineering); 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 C. H. Martin (Mining Engineering); Mr G. Bell (Optometry); Mr R. B. Alderton (Surveying); Mr R. J. Parsons (W. S. & L. B. Robinson University College, Broken Hill). There is a vacancy in Mathematics.

Other University Organizations

Alumni Unit

The Alumni Unit 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. Emeritus Professor S. T. Butler, AAEC Research Establishment, is Chairman of the Board.

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 D. A. Newmarch, 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, ranging in duration from four to sixteen weeks, are offered in various phases of nuclear technology at a variety of levels. The courses do not lead to 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

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.

An Advisory Board, appointed by the Vice-Chancellor and consisting of eminent people from diverse fields, is responsible for the overall policy-making of the Centre. A Management Committee, whose members are drawn from the disciplines of medicine and engineering, implement the policy objectives of the Board. *Ad hoc* project committees look after the progress of specific projects.

The Centre offers graduate programs leading to the award of the degree of Master of Biomedical Engineering and the degree of Doctor of Philosophy.

Further information, regarding the MBiomedE degree course and the activities of the Centre, is available from the Director, Associate Professor Peter C. Farrell, Room 508, Geography and Surveying Building. Telephone 662 3710.

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 five other members, under the chairmanship of Professor L. W. Davies. Mr J. W. A. Brain is Technical Secretary of the Centre.

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 special 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 learning 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.

Institute of Administration

The Institute of Administration was established in 1960 by the Council of the University. It conducts residential courses in management for executives at all levels from industry, commerce, government and the professions. The courses are conducted at the Institute's Centre at Little Bay in the grounds of Prince Henry Hospital. The Centre includes two large seminar rooms, ten syndicate rooms and seventy-one self-contained bedroom units and other educational facilities.

Situated by the sea, the Centre provides a magnificent physical and working environment which is conducive to learning under the pressure of a 12-hour programmed day.

In the design of its courses, the Institute emphasises 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 by course members. Free from their usual business and domestic involvements, participants are given the opportunity to take a new look back at what they do and forward to where they are going. 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, in the longer courses, to develop a personal action plan for continued improvement in management performance and to learn more about the environmental factors which influence the development of his or her organization.

The Director of the Institute is Mr J. I. Owen, and he and all the staff of the Institute are located at the Centre at Little Bay. Telephone 661 4144.

Institute of Languages

In 1966 Council approved the establishment of an Institute of Languages within the University. The Institute is an entity in its own right, and is distinct from any School or Faculty. Its main aim is to assist students and staff members to acquire practical skill and proficiency in speaking, reading and, in some cases, writing a foreign language. Its secondary aim is to conduct courses in a number of languages, including English as a Foreign Language for overseas students and others.

The languages offered are determined in the light of needs and demands. Included in the Institute's facilities are two thirty-booth language laboratories, remedial and convertible individual booth laboratories, listening posts, a rapid reading clinic and miscellaneous electronic equipment to aid in the accelerated language learning process.

The Institute is responsible directly to Professor J. B. Thornton, Pro-Vice-Chancellor. The Director is Mr A. J. Garrick.

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 Management Committee of the Institute is made up of representatives of the University's Schools under the chairmanship of Professor R. M. Golding, Pro-Vice-Chancellor. Mr J. W. A. Brain is the Technical Secretary of the Institute.

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 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.

Public Affairs Unit

The role of the Public Affairs Unit is to facilitate communication of information, to foster mutual understanding within the University community, and to promote knowledge of the University in the community at large.

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), *QUARTERLY* (a journal for alumni, staff and general public), the University's *Annual Report*, *Occasional Papers*, *Campus Guide*, and fact sheets.

Other services of the PAU are official news releases, general liaison with the media, 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.

Publications Unit

Students learn about the University – its rules and courses – through the Calendar, the Handbooks and brochures produced by the Publications Unit in the Registrar's Division. The Publications Unit also brings the activities of the University to the attention of the outside community by preparing publicity material for such events as 'University Open Day'. The Unit is also responsible for a number of major publications which appear regularly: the *Research and Publications Report*, *Student Projects in Physical Sciences*, the *Community Medicine Handbook*, the *Ratcliffe Memorial Lectures* (monographs), proceedings of some of the University's seminars and symposia, and for such journals as *The Australian Journal of Management*, the *Centre for Applied Economic Research Papers* and *Urbanology*. The Unit also arranges other publications as required by the University and offers a comprehensive consulting service on all aspects of publications production, including graphics, design and typesetting.

Radiation and General Safety Unit

The University's initiative in radiation protection was expanded in 1977 by the establishment of the Radiation and General 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 Professor R. M. Golding, 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 Radiation Protection Officer, Dr R. Rosen, and the Safety Officer, Mr G. Suckling.

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 several specialized services. The Film Centre advises on the use of films in teaching and makes hiring arrangements. The Visual Aids Section provides photographic services and produces 16 mm films and video recordings. The Educational Testing Centre advises on all aspects of student assessment and provides facilities for the machine-reading of objective tests and survey documents.

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 five 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 Foundation was established in 1965 under the auspices of the Council of the University and in association with the Australian Elizabethan Theatre Trust. The Board of Governors is made up of an equal number of members representing the University and the Trust, and a Chairman appointed by the University. The Chairman of the Board is Dr H. F. Heath, Member of Council of the University of New South Wales.

The purpose of the Foundation is to promote and encourage the practice and study of the theatre arts in New South Wales, particularly through the drama organizations already existing at the University, and to receive and administer funds for this purpose.

The Foundation began its operations in 1966.

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 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. Member-

ship 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. Further information may be obtained from the Secretary, Mr C. Elliott, 6 Fauna Street, Earlwood 2206. Telephone 55 1346.

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. These three bodies are represented on the Board of Directors to which the Director, Mr J. R. Clark, is responsible for the general conduct of the Institute. The Board is advised through the Director by a Board of Studies on such matters as the awarding of scholarships and the arrangement of the curriculum.

NIDA offers full-time, three year courses in: **1.** acting; **2.** technical production; **3.** design. There is a one year graduate Student Directors Course and an Advanced Course intended for graduates with considerable experience of professional theatre. Since 1966, the Advanced Course has been responsible for the Jane Street Seasons of plays which have become a regular feature of the theatrical life of Sydney. Graduates of these courses are currently engaged in theatre, film and television production throughout Australia and abroad.

NIDA enjoys a close association with the University of New South Wales, the Australia Council and the Australian Broadcasting Commission. It is recognized as an institution by the federal Department of Education and students are eligible for TEAS assistance.

Enquiries should be addressed to: The Director, The National Institute of Dramatic Art, PO Box 1, Kensington, NSW 2033. Telephone 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 function to Convocation, the statutory body to which graduates automatically belong in many other universities.

Over 41,000 alumni have now entered various fields of employment in over 80 countries, and the Association seeks to bring all these people into a mutually beneficial co-operative association. Branches have developed both interstate and abroad, and they provide helpful contacts wherever alumni may travel. This point is emphasized by the Association's membership of the Australian University Graduate Conference, which has already established world-wide contacts in the interests of University alumni.

The Alumni Association was formed in 1967, and now has a broadly representative elected Board. A major section of the Board, which manages the affairs of the Association, consists of a member from the graduating class in each Faculty, who holds office for one year. The remainder of the Board consists of thirteen members elected by the alumni and five persons appointed by the University Council, at least three of whom are members of the academic staff. A limited number of members can also be co-opted by the Board.

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 Unit, Room 148E, the Chancellery, or telephone 663 0351 extn 2998.

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.

In 1976 an Editorial Advisory Committee was formed with a view to encouraging the publication of quality scholarly typescripts. The number of such typescripts it accepts is related both to their quality and available finance.

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 in the Chancellery.

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

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 in 1980 these 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. The University Art Prize (\$5000) and the Travelling Art Scholarship (\$2000) were also inaugurated in 1979 as a result of the gift of \$70,000 by the Committee.

One of its major activities is the biennial Book Fair. The one held in 1980 raised \$62,000.

The Secretary would be pleased to hear from women interested in joining.

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 Roundhouse.

The Group is eager to welcome new members, and in order to attract more young wives has established a child-minding service with a nominal fee. The Group membership fee is \$5 and wives interested in joining may contact the President, Mrs V. Craven, 31 Eastern Avenue, Kensington 2033. Telephone 663 1994.

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 staff members. Fees are payable on a session basis. Apply in writing to the Master, Mr K. W. Bromham, PO Box 24, Kensington, NSW 2033.

International House

International House accommodates 154 students from Australia and up to thirty other countries. Preference is given to more senior undergraduates and graduate students. Apply in writing to the Warden, Emeritus Professor J. S. Ratcliffe, 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 Dr Stuart Barton Babbage, 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, Dr S. Engelberg, 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. A comprehensive tutorial program is offered along with a wide range of activities 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 make use of its facilities. Warrane is directed by the Catholic lay association Opus Dei. Apply in writing to the Master, Dr J. F. Martins, Warrane College, PO Box 123, Kensington, NSW 2033.

Creston Residence

Creston Residence offers accommodation for 25 full-time undergraduate and graduate women students without restriction of denomination or nationality. Non-resident membership provides students with the opportunity to participate in the activities of the Residence and to make use of its facilities. Creston is directed by the Women's Section of Opus Dei, a Catholic lay association. Enquiries should be addressed to the Principal, 36 High Street, Randwick, NSW 2031.

Other Accommodation

Off-campus Accommodation

Students requiring other than College accommodation may contact the Housing Officer in the Student Amenities and Recreation Section for assistance in obtaining suitable accommodation in the way of full board, room 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 now includes some thirty-eight clubs.

The Association office is situated in Hut E15C near the foot of Basser Steps, and can be contacted on

extension 2673. The control of the Association is vested in the General Committee comprising delegates from the thirty-eight clubs.

Membership is compulsory for all registered students, and the annual fee is \$11. 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 Citizen Military Forces 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 general enquiries they are especially concerned with the problems of physically handicapped and disabled students and those in need of financial assistance. The latter students should see Mrs Beaumont.

All enquiries should be made either at room 148E or by telephoning extension 2482 (general enquiries) or 3164 (financial assistance).

Student Amenities and Recreation Section

In general the Student Amenities and Recreation Section seeks ways to promote the physical, social and educational development of students through their leisure time activities, and to provide some services essential to their day-to-day university life.

The Section is responsible for the continuing management of the Physical and Recreational Centre at which recreational programs are available for both students and staff; makes bookings for use of sports facilities; and in consultation with the Sports Association assists various recognized clubs.

Mr I. Moutray is the Head of the Section, which is located in the huts at the foot of Basser Steps. 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 Student Amenities 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 has both service and research and development functions. The service function is to help clients – students, prospective students, parents and other concerned persons – improve their approach to planning, decision-making and coping with academic, vocational and personal aspects of their life. The research and development function is to develop and evaluate counselling practices and programs and to assist in improving the quality of student life.

Appointments for counselling consultations are available from 9 am to 7 pm, and may be made by phoning 663 0351 extension 3681 and 3685 or by calling at the Unit, which is located at the foot of Basser Steps. In urgent cases interviews can be given on a walk-in basis between 9 am and 5 pm.

Student Employment Section

The Student Employment Section provides assistance with careers and 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 industrial or professional employment during long vacations as required by undergraduates in Engineering and Applied Science.

The Section is located 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, 3275 or 3841 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 5882833 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 and the annual subscription is \$17 for full-time students and \$13 for part-time students. 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. Infakt – a student-run information referral service for students who want someone to talk to or need help of any kind. Infakt is located in the bus at the foot of Basser Steps.
2. A casual employment service.
3. Organization of orientation for new students.
4. Organization of Foundation Day.
5. The University's two child care centres.
6. Publication of the student paper *Tharunka*.
7. A free legal service run by a qualified lawyer employed by the Students' Union Council.
8. SU Record Shop which offers discount records and tapes.
9. The Nuthouse which deals in bulk and health foods.
10. Secondhand Bookshop for cheap texts.
11. CASOC (Clubs and Societies on Campus) which provides money from the SU for affiliated clubs and societies on campus.
12. The sale of electronic calculators and accessories at discount rates.
13. 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 at \$55 per year 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, cloak room, banking and hairdressing facilities, showers, a women's lounge, common, games, reading, meeting, music, practice, craft and dark rooms. 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.

- 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 1981. Forms will also be available from the Admissions Section or the Student 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 1981, 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-

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

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.

All enquiries relating to this scheme 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 the Student Records, Higher Degrees and Scholarships Section, 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

Applied Science

Applied Geology

Esso Australia Ltd	Up to \$1000 pa	1 year	Permanent residence in Australia and eligibility for admission to Year 4 or honours year of full-time Applied Science or Science Course in Geology or Geophysics
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*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
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		
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		
Chemical Engineering and Industrial Chemistry			
Shell Refining (Australia) Pty Ltd	Up to \$400 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 \$500 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 Technology
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 and eligibility for admission to the first year of the full-time degree course in Food Technology Not more than 22 years of age on 1 December preceding the year in which the award commences and eligibility for admission to the full-time degree course in Food Technology
Food Technology Association	Up to \$1000 pa		
George Weston Foods Ltd	Up to \$4000 over 4 years		
Fielder Gillespie-White Wings	Up to \$1000 pa		
Fuel Technology			
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 Technology

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 and second year of the full-time degree course in Metallurgy or Metallurgical Process Engineering
Sandvik Australia Pty Ltd	Up to \$1250 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
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Textile Technology

The Australian Wool Corporation	\$2348 or \$1523 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 } Bradmill Industries Ltd }	Up to \$1600 pa		
Textile Technology Staff	Up to \$150 pa		Eligibility for admission to the full-time degree course in Textile Technology

Wool and Pastoral Sciences

The Australian Wool Corporation	\$2348 or \$1523 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
Commercial Banking Company of Sydney Limited	Up to \$1000 pa		
National Council of Wool Selling Brokers of Australia	Up to \$1000 pa		

Undergraduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
Commerce			
CSR Ltd	Up to \$1200 pa for 1st year; \$600 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 \$4000 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	Up to \$250 per session	In parts 4, 5, 6 and 8 of the full-time course	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 Records, Higher Degrees and Scholarships Section located on the Ground Floor of the Chancellery. This unit provides information on additional scholarships which may become available from time to time, mainly from funds provided by organizations sponsoring research projects.

Where possible, the scholarships are listed in order of faculty.

Donor	Value	Year/s of Tenure	Conditions
General			
University of New South Wales Research Awards	Living allowance of \$4200 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).

Graduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
General (continued)			
Australian American Educational Foundation Travel Grant*			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 British Council Academic Links and Interchange Scheme†	Cost of travel to UK		Applicants must be either senior or junior academic staff. Preference will be given to activities likely to lead to further collaboration through joint research, publication, and/or teaching programs. Applications may be made at any time and should be submitted to the Registrar
The Caltex Woman Graduate of the Year	\$5000 pa 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
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 1 October.
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 Graduate Research	Maximum \$2000 pa in Australia, and \$2750 if tenable overseas	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

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

†Application forms available from The British Council, PO Box 88, Edgecliff, NSW 2077.

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 July.
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
Nuffield Foundation Commonwealth Travelling Fellowships†	Living and travel allowances	1 year	Australian citizens usually between 25 and 35 who are graduates preferably with higher degrees and who have at least a year's teaching or research experience at a university. Applications close by February.
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. Applications close early September each year.

Applied Science

Australian Pig Industry Research Committee Postgraduate Awards Australian Wool Corporation Research Scholarship in Textile Technology Australian Wool Corporation Research Scholarship in Wool and Pastoral Sciences	\$4200 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 31 August
			Applicants must be graduates in textile physics, textile chemistry, or textile engineering
		Minimum 2 years. Maximum 3 to 4 years.	Applicants must be graduates in applied science, agricultural science or veterinary science
Australian Meat Research Committee Award††			Awarded for research into the beef and cattle industry leading to the award of the Masters or PhD degree. Applications close 31 July.

*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 24 July.

†Applications to the Secretary, The Nuffield Foundation Australian Advisory Committee, PO Box 783, Canberra City 2601.

**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	Up to \$1500 pa	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.
The Master Builders' Association of NSW	\$500 (\$250 at commencement of each year)	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
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.
Wormald International Scholarship	\$4500 pa	1 year	Applicants must be honours Architecture graduates of the University of New South Wales

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

Commonwealth Postgraduate Course Awards	Living allowance of \$4200 pa. Other allowances may also be payable	2 years; normal duration of MBA or MPA degree course	Applicants must be graduates or scholars who will graduate in current academic year and who have not previously held an Australian Commonwealth Postgraduate Award. Applications should reach the Registrar by 30 September but late applications may be considered if lodged before 30 November.
University Course Awards			

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

Queen Elizabeth II Postdoctoral Fellowships in the Physical and Biological Sciences*	Stipend of \$18475 pa increased to \$19847 pa at age 28 years. \$500 pa for dependent spouse, \$200 pa for each dependent child, plus other allowances.	2 years	Applicants must be Australian citizens or citizens of the UK, who have gained a PhD degree or equivalent qualification in one of the physical or biological sciences. Usually applicants should be under 30 years of age. Applications close at the end of the first weeks in March and September.
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Engineering

Harold G. Conde Memorial Fellowship	\$4700 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.
University Fellowships in Highway Engineering	\$4200 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 \$4641 pa. Dependent spouse allowance \$1632 pa, \$390 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.
Australian Institute of Nuclear Science and Engineering Research Fellowship†	\$13000-\$17000 pa plus certain travel and supporting grants	Minimum of 2 years. Maximum of 3 years.	To enable graduates holding a PhD degree or similar qualification to undertake graduate work in Nuclear Science and Engineering

*Applications obtainable from the Secretary, Queen Elizabeth Fellowships Committee, Department of Science and the Environment, PO Box 449, Woden, ACT 2606; the Minister (Scientific), Canberra House, 10-16 Maltravers Street, London WC2R 3EH, UK; or the Australian Embassy, 1601 Massachusetts Avenue, Washington DC 20036, USA.

†Applications to the Registrar, or AINSE Private Mail Bag, Sutherland 2232.

Graduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
Engineering (continued)			
The Joseph Barling Fellowship	Not less than \$10000 less fees	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 Records, Higher Degrees and Scholarships Section, unless otherwise indicated.

The National Health and Medical Research Council	\$10145-\$11598 pa	1 year renewable	Applications by: 30 June
National Heart Foundation of Australia			30 June
Life Insurance Medical Research Fund of Australia and New Zealand			1 July
The New South Wales State Cancer Council*			31 August
The Asthma Foundation of New South Wales*			1 August
Sandoz Australia Pty Ltd Graduate Research Fellowship in Neurology*			To enable a suitable graduate to undertake a program of research in neurology
Merck, Sharp & Dohme (Aust) Pty Ltd Graduate Research Fellowship in Clinical Pharmacology			To enable a suitable graduate to undertake research into clinical pharmacology
The Australian Kidney Foundation			To enable a suitable graduate to undertake research into function or disease of the kidney, urinary tract and related organs
Australian Tobacco Research Foundation		Under review	To enable a suitable graduate to undertake research into 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			
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. Inquiries 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.

§Tenure may be varied in exceptional circumstances.

Graduate Scholarships (continued)

Donor	Value	Year/s of Tenure	Conditions
Science (continued)			
Science Research Scholarship of the Royal Commission for the Exhibition of 1851	£2500 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.
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.

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
Faculty of Applied Science		
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 Faculty of Applied Science	
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

The Sir Kevin Ellis	700.00	High degree of proficiency throughout combined BCom/LLB degree course
Corporate Affairs Commission	50.00	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	200.00	General proficiency in four Business Law subjects
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

Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
Faculty of Medicine		
FRATADD	200.00	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
A. H. Robins	500.00	General proficiency and leadership – penultimate year
Wallace Wurth	200.00	General proficiency throughout the medical course

School of Accountancy

Australian Society of Accountants	75.00	14.501 Accounting and Financial Management IA
	75.00	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
Corporate Affairs Commission	50.00	14.542 Accounting and Financial Management IIB
Greenwood, Challoner & Co	100.00	14.742 Business Law II
Hungerfords	25.00	14.511 Accounting and Financial Management IB
	25.00	14.593 Accounting and Financial Management IIIB (Honours)
Law Book Co Ltd	50.00	14.511 Accounting and Financial Management IB
	Books	
Taxation Institute of Australia	75.00	14.783 Taxation Law
John Menzies McKellar White Memorial	200.00	14.859/14.959G Advanced Studies in Taxation
Wilson Bros (Printers) Pty Ltd	30.00	14.583 Accounting and Financial Management IIIB
E. S. Wolfenden Memorial	50.00	14.563 Accounting and Financial Management IIIA
Arthur Young & Co	50.00	14.613 Business Finance II
Datec Pty Ltd	200.00	14.605 Information Systems IIIB
	150.00	Best honours thesis related to information systems design, data management or management science techniques used for commercial applications

School of Anatomy

The Prize in Practical Anatomy	50.00	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

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	100.00	11.8511, 11.8521 or 11.8522 Historical Research
James Hardie & Co Pty Ltd	100.00	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 biological technology subject
	150.00	Best result in one of the Level III biological technology subjects
	150.00	Best result in the biological technology honours program

School of Building

Byrne & Davidson Roll-A-Door	200.00	Bachelor of Building degree course, Year 3
James Hardie & Co Pty Ltd	50.00	Bachelor of Building degree course, Year 1
Master Builders' Association of New South Wales	200.00	Merit performance 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
Australian Paper Manufacturers Ltd	21.00	Subject selected by Head of School
Borden Chemical Co (Aust) Pty Ltd	50.00	Best performance in 48.033 Chemical Engineering IIC
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	75.00	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
The North Shore Gas Co Ltd	40.00	Subject selected by Head of School
The Shell Co of Aust Ltd	100.00	Best performance in Year 3 Chemical Engineering
Simon-Carves Australia	21.00	Best performance in 48.032 Chemical Engineering IIB
Stauffer Australia Limited	50.00	Subject selected by Head of School
Western Mining Corporation Ltd	150.00	Best overall performance in 48.036 Chemical Engineering Laboratory I in the Bachelor of Engineering degree course
	150.00	Best overall performance in 48.044 Chemical Engineering Laboratory II in the Bachelor of Engineering degree course

Department of Fuel Technology

Australian Institute of Energy	50.00	For a fuel subject or allied subject project
The Shell Co of Aust Ltd	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	
Borden Chemical Co (Aust) Pty Ltd	50.00	
Chamber of Manufactures of New South Wales	15.00	
CSR Chemicals Ltd	200.00	Chemistry Honours
Inglis Hudson Bequest	Advised annually	2.002B Organic Chemistry I
Jeffery Bequest	40.00	2.043L Chemistry and Enzymology of Foods
Merck, Sharp & Dohme (Aust) Pty Ltd	52.50	Chemistry – Level II subjects in the Science and Mathematics Course
	52.50	Chemistry – Level III subjects in the Science and Mathematics Course
The Nestlé Co (Aust) Ltd	150.00	Subject selected by Head of School
UNSW Chemical Society Parke-Pope	50.00	
Tooth & Co Ltd	50.00	
UNSW Chemical Society George Wright	50.00	

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
BMI Ltd Systems Engineering	50.00	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	100.00	Academic and professional excellence shown in the field of construction estimating
Harbin Polytechnical Alumni Association	75.00	Subject selected by Head of School
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
Rural Bank of NSW	50.00	Outstanding performance in 8.673 Planning and Management II

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
Australian Medical Association	100.00	Excellence in a student's period of attachment in general practice
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	50.00	15.083 Public Finance
Brinds Ltd	100.00	15.013 Microeconomics III (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 Manufacturers 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 necessary 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	100.00	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	Bachelor of Health Administration degree course
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	11.512 Landscape Design II
School of Marketing		
Australian Posters Outdoor Advertising	100.00	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	250.00	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)
	50.00	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	40.00	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	40.00	Excellence in Level III Applied Mathematics subjects
The Theoretical Mechanics	40.00	Excellence in Level III Theoretical Mechanics subjects
Statistical Society of Australia (New South Wales Branch)	50.00	General proficiency – Theory of Statistics subjects
The Broken Hill Proprietary Theory of Statistics II	50.00	Higher Theory of Statistics II
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	75.00	General proficiency in Bachelor of Engineering degree course in Mechanical Engineering
Austral Crane	75.00	Full-time Year 3 Mechanical Engineering
Babcock & Wilcox Aust Ltd	30.00	Subject selected by Head of School
Chamber of Manufactures of New South Wales	15.00	
CSR Limited	50.00	
Ford Motor Co of Aust Ltd	50.00	
David Carment Memorial	350.00 and medal	Highest proficiency in Final Year of Naval Architecture course
Harbin Polytechnical Alumni Association	75.00	Subject selected by Head of School
Jeremy Hirschhorn	20.00	Theory of Machines
Royal Institution of Naval Architects	40.00	Bachelor of Engineering or Bachelor of Science (Engineering) degree course in Naval Architecture, final year or stage
Staedtler (Pacific) Pty Ltd	50.00 (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	100.00	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		
David Jeremy Keen Memorial	50.00	80.212 Human Behaviour II
W. G. Tellesson 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		
Chamber of Manufactures of New South Wales	15.00		
The Broken Hill Proprietary Co Ltd	100.00		
The Eagle & Globe Steel Co Ltd	100.00	}	Subject selected by Head of School
The Electrolytic Refining and Smelting Co of Australia Ltd	20.00		
Western Mining Corporation Ltd	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	60.00		Subject selected by Head of School

School of Mining Engineering

Joint Coal Board	100.00	Bachelor of Engineering degree course in Mining Engineering, Year 2
	100.00	Bachelor of Engineering degree course in Mining Engineering, Year 3
	200.00	Bachelor of Engineering degree course in Mining Engineering – general proficiency throughout course
Western Mining Corporation Ltd	75.00	Bachelor of Engineering degree course in Mining Engineering – general proficiency throughout the course
	150.00	Best overall performance in Year 3 of Bachelor of Engineering degree course
	150.00	Best overall performance in Year 4 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	50.00	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	150.00	31.821 Special Anatomy and Physiology
	150.00	31.831 Diseases of the Eye
	150.00	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	50.00	
Opticians and Optometrists' Association of NSW	40.00	Subject selected by Head of School
The Optometric Vision Research Foundation	100.00	Research project
Optyl (Australia) Pty Ltd	100.00	31.812 Optometry II

Undergraduate University Prizes (continued)

Donor/Name of Prize	Value \$	Awarded for
School of Paediatrics		
Carnation Award	105.00	Best academic attainment in Paediatrics in the second term of the final year of the medical course
Margaret Dance Memorial Award	100.00	Best academic attainment in Paediatrics in the third term of the final year of the medical course
	100.00	Best academic attainment in Paediatrics in the fourth term of the final year of the medical course
Mead Johnson Award	100.00	Best academic attainment in Paediatrics in the first term of the final year of the medical course
Paediatrics Staff	100.00	Paediatrics

School of Pathology

G. R. Cameron Memorial	50.00	Excellence in the Pathology component of 80.311 Paraclinical Science
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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 two units of the following subjects: 1.133, 1.3033, 1.3133, 1.3233, 1.3333, 1.343 and 1.3533
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>	Political Science Year 1
Staff of the School of Political Science	50.00	Best performance in 54.112 Political Science II
The Shell Co of Aust Ltd	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		
John Kerridge Memorial	50.00	Psychiatry

School of Psychology

Australian Psychological Society	100.00	A Year 4 Psychology subject selected by Head of School
Psychology Staff	10.00	Best Psychology Year 2

School of Surgery

The Royal Australian College of Ophthalmologists	50.00	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	100.00	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

Donor/Name of Prize	Value \$	Awarded for
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The following table summarizes the graduate prizes awarded by the University.

Faculty of Medicine

Foundation for Research and Treatment of Alcoholism and Drug Dependence of New South Wales	200.00	Essay on a clinical or scientific aspect of alcoholism or a drug of dependence (one prize available to undergraduates and graduates)
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Australian Graduate School of Management

Australian Finance Conference	50.00	Overall proficiency in 85.132G Finance
Avigdor Ariel	40.00	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
John Storey Memorial	70.00	Overall proficiency in Master of Business Administration degree course, Year 2
Pioneer Concrete	150.00	Overall proficiency in 85.101G Accounting Information and 85.132G Finance

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	3.381G 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
New South Wales Department of Education	90.00	Outstanding ability in both academic studies and practice teaching
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. Therefore, any student who after reading the rules carefully requires further information on their application should contact the Admissions Office or the Registrar.

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 Admissions Office, located 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 here. The Admissions Office is open from 9 am to 5 pm Monday to Friday. During enrolment the office is also open for some part of the evening.

The office provides information about special admission, admission with advanced standing and admission on overseas qualifications. The office also receives applications 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 Undergraduate and Graduate Enrolment Procedures and Fees.

Applications for admission to undergraduate courses from students who do not satisfy the requirements for admission (see section on Requirements for Admission) are referred by the Admissions Office to the Admissions Committee of the Professorial Board.

Students seeking to register as higher degree candidates should first consult the Head of the School in which they wish to register. An application is then lodged on a standard form and the Higher Degrees Unit, 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 Admissions Office 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 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 eighteen 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 1981 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.

For students who are candidates for the New South Wales Higher School Certificate examination in 1980:

To **matriculate** to the University of New South Wales an applicant shall:

1. have sat at least four approved subjects including English at the Higher School Certificate Examination;
2. have achieved a minimum aggregate of marks in the best ten units in approved subjects, equivalent to the aggregate attained or bettered by 58 percent of the School candidates at the Higher School Certificate examination provided that not more than two units from 2 Unit A and 1 Unit courses may be counted. English 2 Unit A, Economics 2 Unit A and Science 2 Unit A are regarded as equivalent to 2 Unit courses for matriculation purposes.

Subjects approved by the Professorial Board:

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

†Only one of these subjects may be counted for matriculation and selection purposes.

Matriculation and Admission Requirements for Entry in 1981

Bachelor Degree Courses

Requirements for Entry in 1981 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.

Admission to a Course

Admission to all courses is subject to selection on the basis of the matriculation aggregate.

Students who Complete Three Unit or Four Unit Courses

Special consideration may be given to students who do not meet the matriculation or selection requirements set out above but who have completed one or more 3 unit or 4 unit courses.

Prerequisite Requirements for University Subjects

Before students may enrol in a number of first year subjects they are required to have achieved in the Higher School Certificate examination a certain grade in specific Higher School Certificate courses.

Schedule A sets out the University courses which have compulsory first year subjects for which a certain grade in specified Higher School Certificate courses is required before the student is permitted to enrol.

Schedule B lists the University subjects which have Higher School Certificate Examination courses as prerequisites and specifies the percentile range which is required for enrolment. Note that for certain University subjects an alternative subject is available for students who lack the prerequisite.

Schedule A

A student who is proposing to enter a particular degree course should refer to Schedule A, note the compulsory subjects which have Higher School Certificate examination prerequisites, and refer to **Schedule B** to ascertain the prerequisites for those subjects.

Course	Full-Time or Part-Time	Subject Identifying Number
Architecture	FT or PT	Not applicable
Accounting, Finance and Systems	FT or PT	14.522, 14.601, 15.001, 15.002, 15.411 or 10.001, 15.601
Arts	FT	Not applicable
Arts/Education	FT	Not applicable
Building	FT	Not applicable
Ceramics	PT	1.001, 2.121, 5.010, 10.001
Chemistry – Industrial	FT or PT	1.001, 2.121, 10.001, 5.010 or 25.110 or 17.031
Chemistry – Pure and Applied	FT or PT	1.001, 2.121, 10.001 or 10.021B, 5.010 or 25.110 or 25.151 or 17.031
Economics	FT or PT	15.001, 15.002, 15.042, 15.411 or 10.001, 15.601
Economics/Education	FT	15.001, 15.002, 15.042, 15.411 or 10.001, 15.601
Econometrics	FT or PT	15.411 or 10.001, 15.601
Economics and Econometrics	FT or PT	15.012, 15.042, 15.052, 15.411 or 10.001, 15.601
Economic History	FT or PT	15.001, 15.411 or 10.001, 15.601

Course	Full-Time or Part-Time	Subject Identifying Number
Economic History/Education	FT	15.001, 15.411 or 10.001, 15.601
Engineering – Aeronautical	FT or PT	1.951, 5.010, 10.001
Engineering – Ceramic	FT	1.001, 2.121, 5.010, 10.001
Engineering – Chemical	FT or PT	1.001, 2.121, 5.010, 10.001
Engineering – Civil	FT or PT	1.981, 2.981, 5.010, 8.170, 10.001
Engineering – Electrical	FT or PT	1.961, 2.121, 5.010, 10.001
Engineering – Industrial	FT or PT	1.951, 5.010, 10.001
Engineering – Mechanical	FT or PT	1.951, 5.010, 10.001
Engineering – Metallurgical Process	FT	1.001, 2.121, 5.010, 10.001
Engineering – Mining	FT	1.001, 5.010, 10.001
Engineering – Mining (Broken Hill only)	PT	1.001, 2.121, 5.010, 10.001
Food Technology	FT or PT	2.121, 10.001 or 10.021B, 17.031
Geography – Applied <i>Applied Economic Geography Option</i>	FT	10.001 or 10.021B, 15.001, 15.002, 15.042, 27.611
<i>Biogeography and Bioclimatology Option</i>	FT	10.001 or 10.021B, 17.031, 27.111
<i>Geomorphology and Pedology Option</i>	FT	10.001 or 10.021B, 25.110, 27.111
Geology – Applied	FT	1.001, 2.121, 10.001, 25.110
Health Administration	FT or PT(Ext.)	Not applicable
Industrial Arts (Education)	FT	2.121, 5.010
Industrial Relations	FT or PT	15.001, 15.411 or 10.001, 15.511, 15.601
Jurisprudence	FT	Not applicable
Landscape Architecture	FT	Not applicable
Law★	FT or PT	Not applicable
Law/Arts	FT	Not applicable
Law/Commerce (Accounting, Finance and Systems)	FT	14.522, 15.001, 15.002, 15.411 or 10.001
Law/Commerce (Economics)	FT	15.001, 15.002, 15.042, 15.411 or 10.001
Law/Commerce (Industrial Relations)	FT	15.001, 15.411 or 10.001, 15.511
Law/Commerce (Marketing)	FT	15.001, 15.411 or 10.001

Course	Full-Time or Part-Time	Subject Identifying Number
Law/Jurisprudence	FT	Not applicable
Law/Science	FT	10.001 or 10.021B
Marketing	FT or PT	14.601, 15.001, 15.411 or 10.001
Mathematics (Education)	FT	10.001 or 10.011
Medicine	FT	2.011
Metallurgy	FT or PT	1.001, 2.121, 10.001, 5.010 or 25.110
Mineral Processing (Broken Hill only)	PT	1.001, 2.121, 5.010, 10.001
Naval Architecture	FT or PT	1.951, 5.010, 10.001
Optometry	FT	2.121, 10.001 or 10.021B, 17.031
Psychology	FT	10.001 or 10.021B or 17.031
Science and Mathematics	FT or PT	10.001 or 10.021B
Science (Education)	FT	1.001, 2.121, 10.001 or 10.021B, 17.031, 25.110
Social Work	FT	Not applicable
Surveying	FT or PT	1.971, 10.001
Textile Technology	FT	1.001, 2.121, 5.010, 10.001
Town Planning	FT	Not applicable
Wool and Pastoral Sciences	FT	10.001 or 10.021B, 27.111

★Entry to full-time course restricted to graduates and part-time course to graduates or to persons 25 years of age or older.

Note: The University's Faculty of Military Studies provides degree courses in Arts, Engineering and Science at the Royal Military College, Duntroon. These courses may have different prerequisite requirements from those operating for similar courses in the rest of the University. Full details may be obtained from the Registrar or from the College.

Schedule B

A student who is proposing to enter a particular degree course should refer to **Schedule A**, note the compulsory subjects which have Higher School Certificate examination prerequisites, and refer to **Schedule B** to ascertain the prerequisites for those subjects.

University Subject	Prerequisite	Percentile Range Required
1.011 Higher Physics I	2 unit Mathematics or	71-100
1.001 Physics I★	3 unit Mathematics or	21-100
1.951 Physics I★ (Mech. Eng.)	4 unit Mathematics and	1-100
1.961 Physics I★ (Elec. Eng.)	2 unit Science (Physics or Chem.) or	31-100
1.971 Physics I★ (Surveying)	4 unit Science (multistrand)	31-100
1.981 Physics I★ (Civil Eng.)		

University Subject	Prerequisite	Percentile Range Required
2.011 Chemistry for Medical Students	2 unit Science (Chemistry) or 4 unit Science (multistrand)	31-100
2.121 Chemistry IA★	2 unit Science (any strands) or 4 unit Science (multistrand)	31-100
2.141 Chemistry IM (Students majoring in Chemistry may take 2.141 Chemistry IM in lieu of 2.121 Chemistry IA and 2.131 Chemistry IB)	2 unit Science (Chemistry) or 4 unit Science (multistrand)	51-100
2.981 Chemistry I(CE)★	2 unit Science (Physics or Chem.) or 4 unit Science (multistrand)	31-100
5.010 Engineering A§ 8.170 Statics	Either 2 unit Science (Physics) or 4 unit Science (multistrand) or 2 unit Industrial Arts or 3 unit Industrial Arts	31-100 11-100 31-100 11-100
10.011 Higher Mathematics I	3 unit Mathematics or 4 unit Mathematics	71-100 11-100
10.001 Mathematics I★	2 unit Mathematics or 3 unit Mathematics or 4 unit Mathematics	71-100 21-100 1-100
10.021B General Mathematics IB★	2 unit Mathematics or 3 unit Mathematics or 4 unit Mathematics	51-100 11-100 1-100
14.522 Acctg. and Fin. Man. IIA	2 unit Mathematics or 3 unit Mathematics or 4 unit Mathematics	51-100 21-100 1-100
14.532 Acctg. and Fin. Man. IIA (Hons)		
14.542 Acctg. and Fin. Man. IIB		
14.552 Acctg. and Fin. Man. IIB (Hons)		
14.601 Law in Society	2 unit A English or 2 unit English or 3 unit English	31-100 21-100 11-100

Schedule B (continued)

University Subject	Prerequisite	Percentile Range Required
15.002 Microeconomics II	2 unit Mathematics or 3 unit Mathematics or	51-100 21-100
15.012 Microeconomics II (Hons)	4 unit Mathematics	1-100
15.042 Macroeconomics II		
15.052 Macroeconomics II (Hons)		
15.273 Economics III E		
15.411 Quant. Methods IA		
15.001 Micro-economics I	2 unit A English or 2 unit English or	31-100 21-100
15.511 Industrial Relations IA	3 unit English	11-100
15.601 Economic History IA		
15.701 Pre-Industrial Europe		
17.031 Cell Biology	2 unit Science (any strand) or 4 unit Science (multistrand)	31-100 31-100
25.110 Earth Materials and Processes	2 unit Science (any strand) or 4 unit Science (multistrand)	31-100 31-100
27.111 Applied Physical Geography I	2 unit Mathematics or 3 unit Mathematics or 4 unit Mathematics and 2 unit Geography or 3 unit Geography or 2 unit Science (any strand) or 4 unit Science (multistrand)	51-100 11-100 1-100 71-100 31-100 31-100 31-100
27.611 Applied Economic Geography I	2 unit Mathematics or 3 unit Mathematics or 4 unit Mathematics and 2 unit Geography or 3 unit Geography or 2 unit Economics or 3 unit Economics	51-100 11-100 1-100 71-100 31-100 71-100 31-100
50.511 English IA	2 unit English or	31-100
50.521 English IB	3 unit English	31-100
56.511 Contemporary French Lang., Lit. and Civilization★★	2 unit Z French or 2 unit French or 3 unit French	91-100 31-100 11-100
56.521 French Language★★		

University Subject	Prerequisite	Percentile Range Required
59.611 Russian IC★★	2 unit Russian or	31-100
59.631 Russian ID★★	3 unit Russian	31-100
64.1002 Intermediate German	2 unit German or 3 unit German or 2 unit A German or 2 unit Z German	51-100 51-100 81-100 91-100
64.1001 Introductory German B	2 unit German or 3 unit German or 2 unit A German or 2 unit Z German	31-50 31-50 31-80 31-90
65.110 Introduction to Spanish Literature and History★★	2 unit Spanish or 3 unit Spanish	31-100 11-100
65.120 Introductory Spanish B★★	2 unit A Spanish	71-100

★Students may also meet the prerequisites for this subject by taking a special subject as part of their first year program.

★★Introductory courses in languages are available for students who do not have the HSC prerequisite.

§Students who wish to enrol in this subject in courses other than the full-time courses in Aeronautical Engineering, Civil Engineering, Industrial Engineering, Mechanical Engineering and Naval Architecture can make up for the lack of the prerequisite by work taken in Physics in the first half of first year.

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 1982 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 in accordance with the rules on Admission with Advanced Standing.

Requirements for Entry in 1982 in terms of the NSW Higher School Certificate Examination

At the time of publication the requirements for matriculation and admission in 1982 are the same as those for 1981.

Enrolment Procedures and Fees Schedules 1981

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 must pay the 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 that time (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 1981 must lodge an application for selection with the Universities and Colleges Admissions Centre, GPO Box 7049, Sydney 2001, by 1 October 1980.

Those who are selected will be required to complete enrolment at a specified time before the start of Session 1. Compulsory 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 Admissions Office.

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 Admissions Office 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 1980.

4. Restrictions Upon Re-enrolling

Students who in 1980 have infringed the rules governing re-enrolment should not attempt to re-enrol in 1981 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 and pay the appropriate fees. Completion of enrolment after this time will incur a penalty (see section 16. below).

6. Re-enrolling Research Students

Students enrolled in purely research degree programs will be re-enrolled each year and sent an account for any fees due, unless they have lodged a thesis or their registration has been cancelled or suspended.

7. Submission of Graduate Thesis or Project Report

Graduate students 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) but students enrolled in purely research degree programs will be re-enrolled automatically (see section 6. above).

Information about possible 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 in accordance with the rules relating to Admission with Advanced Standing, save that a student may not receive standing for any subject completed as a miscellaneous student while under exclusion from a course of the University.

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 (13 March 1981) 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 (27 March 1981) 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 (27 March 1981) except with the express approval of the Deputy Registrar (Student Services) and the Heads of Schools concerned. No enrolments for courses in Session 2 only will be accepted after the end of the second week of Session 2 (31 July 1981) except with the express approval of the Deputy Registrar (Student Services) and the Heads of 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 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.

11. Payment of Fees

There are no fees for tuition but other fees and charges are payable. These 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

Any student who is 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

Any student who fails to pay prescribed fees or charges or is otherwise indebted to the University and who fails either to make a satisfactory settlement of his indebtedness upon receipt of due notice or to receive a special exemption ceases to be entitled to the use of University facilities. Such a student is not permitted to register for a further session, to attend classes or examinations, or to be granted any official credentials. In the case of a student 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 (24 April 1981). In the case of a student 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 (28 August 1981).

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. Student Fees

Fees and penalties quoted are current at the time of publication but may be amended by the University Council without notice.

All students (with the exceptions set out in section 17. below) will be 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, not at the office of the Deputy Registrar (Student Services) or at the Cashier's office.

Students often seek exemption from the 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.

University Union Entrance Fee

Payable on first enrolment	\$25
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Student Activities Fees

University Union annual subscription	\$55
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Sports Association annual subscription	\$11
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Students' Union Annual Subscription

Students enrolling in full-time courses	\$17
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Students enrolling in part-time courses or as miscellaneous students	\$13
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Miscellaneous Fund annual fee	\$25
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This fee is used to finance expenses generally of a capital nature relating to student activities and amenities. Funds are allocated for projects recommended by the Student Affairs Committee and approved by the University Council.

Special Examination Fees

Examinations conducted in special circumstances for each subject	\$11
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Review of examination results for each subject	\$11
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Other Fees

Depending on the subject being taken, students may also be required to pay:

Pathology Instrument Kit	\$10
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(Refundable on return in satisfactory condition)

16. Penalties

(1) Failure to lodge enrolment form according to enrolment procedure	\$20
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(2) Payment of fees after end of second week of session	\$20
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(3) Payment of fees after end of fourth week of session	\$40
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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*.

(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 fees 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:

27 March 1981 for Session 1 only and whole year subjects;

14 August 1981 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 (17 April or 4 September)

*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.

**Institutions approved are: New South Wales Institute of Technology and Alexander Mackie College of Advanced Education.

(b) for whole year subjects, the end of the second week of Session 2 (31 July).

(5) Withdrawal from Course – Refunds

Whether or not a student's withdrawal entails academic penalties (covered in item (4) above) there are rules governing possible fee refunds in the case of complete withdrawal from a course, as follows:

(a) If notice of withdrawal from a course is received by the Registrar before the first day of Session 1, a refund of all fees paid will be made

(b) If notice of withdrawal is received on or after the first day of Session 1:

(i) a partial refund of the University Union Entrance Fee will be made on the following bases: any person who has paid the entrance fee in any year and who withdraws from membership of the University Union after the commencement of Session 1 in the same year, or who does not renew his membership in the immediately succeeding year, may on written application to the Warden receive a refund of half the entrance fee paid.

(ii) if the notice of withdrawal is given before the end of the fourth week of Session 1 (27 March 1981) a full refund of other Student Activities Fees paid will be made; if notice is given before the end of the eighth week of Session 1 (24 April 1981) a refund of one half of the other Student Activities Fees paid will be made; thereafter no refund will be made except that provided for in (iii) below.

(iii) if a student's enrolment in any year is for Session 2 only and the student gives notice of withdrawal prior to the end of the fourth week of Session 2 (14 August 1981) a full refund of Student Activities Fees paid (other than the University Union Entrance Fee for which see item (i) above) will be made; if notice is given before the end of the eighth week of Session 2 (11 September 1981) a refund of one half of the other Student Activities Fees paid will be made; thereafter no refund will be made.

(iv) The refunds mentioned in (ii) and (iii) above may be granted by the Deputy Registrar (Student Services) to a student unable to notify the Registrar in writing by the times required provided evidence is supplied that the student had ceased attendance by those times.

(6) Acknowledgements

The Registrar 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 (17 April or 4 September) will be incorporated in the *Confirmation of Enrolment Program* notice forwarded to students on 27 April or 14 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 Registrar.

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 8923, 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 Admissions Office, the Chancellery, by Friday 9 January 1981.

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 Admissions Office.

Students should also advise the enrolling officer in the school in which they were enrolled in 1980 of their intention to transfer.

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 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.

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 Admissions Office 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 Unit (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:

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

Pass Conceded

A pass conceded may be granted 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.

Availability of Results

Final examination results will be posted to a student's term address, or vacation address if requested. Change of address forms and forms requesting that results be posted to a vacation address are included in the examination timetable and are obtainable at the Student Enquiry Counter, the Chancellery. Both forms can be accepted up to Friday 27 November. 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 Examination Result* 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 Unit 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 Unit, 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 Unit not later than 14 days prior to the need to use the linguistic dictionary.

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 Mid-year 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.

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. Students shall be required to show cause if, in the opinion of the faculty or board of studies, their academic record is such as to demonstrate their lack of fitness to pursue a subject or subjects and/or course or courses.

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-

* See reference to Schedule A on next page.

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) Applications for re-admission to a course or subject that are unsuccessful (see **9.** (2) (a), (b) respectively) will be reconsidered automatically by 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

The prescribed 'minimum number of subjects units or credits' for the purposes of determining liability under the 'First Year Rule' is under consideration by faculties and boards of studies at the time of printing. An up-to-date list may be obtained from the Registrar.

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.

The Registrar will acknowledge receipt of the application form within two weeks. If no acknowledgement is received within that period students should contact the Student Records Section immediately.

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 ■ 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 course or subject in which they are enrolled. All applications for exemption from attendance at lectures or practical classes 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 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.

mission of the student except at the discretion of senior officers in circumstances considered of benefit to the student and when it is either impossible or impracticable to gain the student's prior permission. This happens rarely. This policy is considered so important that it often involves officers of the University in very difficult situations, for example, when they must refuse to reveal the address of a student to parents or other relatives.

In spite of the policy, there are sometimes accusations made that the University has revealed information, including addresses (especially to insurance companies).

All students should be aware that students' addresses are eagerly sought by various commercial agents and that sometimes tricks are used to obtain them. For example, from time to time 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 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.

Student Records

Confirmation of Enrolment Program notices are sent to all students on 27 April and 14 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 Section 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.

Change of Address

The Student Records Section 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 examination results) 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, including examination results, will be sent to the Session or Term address except when arrangements are made otherwise in the case of examination results (see *Examinations: Availability of Results*, earlier in this section). *Change of Address Advice* forms will be accepted up to Friday 27 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.

Release of Information to Third Parties

The University treats examination results and information it receives from a student as confidential and will not reveal such information to third parties without the per-

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 noticeboards and students are expected to be acquainted with the notices which concern them. These boards are in the Biological Sciences Building, the Mathews Building, the Chancellery (lower ground floor), Central Lecture Block, Dalton Building (Chemistry), Electrical Engineering Building, 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 Office, 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
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Faculty of Applied Science

Applied Geography	3010	BSc	4	4	
Applied Geology	3000	BSc	4	4	
Ceramic Engineering	3020	BSc	4	4	
Chemical Engineering	3040	BE	4	4	
Food Technology	3060	BSc	4	4	

Course	Course Code	Degree	Duration in Years		Pass Honours
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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 1.	4190	BE	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)	4	5	
Landscape Architecture	3380	BLArch	4	4	
Building 2.	3330	BBuild	4	4	
Town Planning	3360	BTP	5	5	

Full-time (continued)

Course	Course Code	Degree	Duration in Years	
			Pass	Honours
Faculty of Arts				
Arts	3400	BA	3	4
Arts/Education	3410	BA DipEd	4	5
Social Science	3420	BSocSc	4	4

Faculty of Biological Sciences

Psychology	3430	BSc	4	4
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Faculty of Commerce

Accounting, Finance and Systems	3510	BCom	3	4
Economic History	3590	BCom	3	4
Economic History	3595	BCom DipEd	4	—
Economics	3530	BCom	3	4
Economics	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	BA BE	5	6
Science/Civil Engineering	3730	BSc BE	5	6
Science/Electrical Engineering	3970/3640	BSc BE	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	3820	BSc MB BS	6	7
Science (Medicine) ⁷	3830	BMedSc	1	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	—
Social Work	4030	BSW	4	4
Science/Diploma in Education				
<i>Mathematics</i>	4070	BScDipEd	4	5
<i>Science</i>	4080	BScDipEd	4	5

Faculty of Science

Optometry	3950	BOptom	4	4
Pure and Applied Chemistry	3910	BSc	3	4

Board of Studies in Science and Mathematics

Science and Mathematics	3970	BSc	3	4
Science/Diploma in Education				
<i>Mathematics</i>	4070	BScDipEd	4	5
<i>Science</i>	4080	BScDipEd	4	5

1. Available at Broken Hill only.

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

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.

Part-time

Course	Course Code	Degree	Duration in Years Pass Honours	
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Faculty of Applied Science

Mining Engineering ^{8.}	4200	BE	7	7
Mining Engineering ^{8.}	4210	BSc(Eng)	6	—
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 ^{8.}	4220	BSc(Tech)	6	6

Faculty of Architecture

Architecture	3370	BSc(Arch)	6	—
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Faculty of Commerce ^{9.}

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 ^{10.}	3600	BSc(Eng)	6	—
Aeronautical Engineering	3610	BE	6	6
Civil Engineering	3620	BE	7	7
Electrical Engineering	3650	BSc(Eng)	6	—
Industrial Engineering	3660	BE	6	6
Industrial Engineering ^{10.}	3670	BSc(Eng)	6	—
Mechanical Engineering	3680	BE	6	6
Mechanical Engineering ^{10.}	3690	BSc(Eng)	6	—
Naval Architecture	3700	BE	6	6
Naval Architecture ^{10.}	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 ^{11.}	4040	BHA	6	—
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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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^{8.} Available at Broken Hill and may be completed on a mixed full-time and part-time basis.

^{9.} With the approval of the Head of School concerned, each of the part-time Commerce courses may be completed in five years.

^{10.} No new enrolments are being accepted into this course.

^{11.} Part-time on an external basis.

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 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 degree of Doctor of Philosophy*† is available in all Faculties and in the Australian Graduate School of Management and 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*† requires a similar program of study.

The higher doctorates of Doctor of Science†, Doctor of Laws† and Doctor of Letters† may be awarded for published work of distinguished merit in any one of these fields.

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)

At the W. S. and L. B. Robinson University College in Broken Hill, candidates may register for the research degrees of Doctor of Philosophy*†, Master of Science† and Master of Engineering†, subject to adequate research facilities and satisfactory supervision being available in the candidate's particular field of study.

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	Course Code	Duration/Years	
	Research /Course		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

Bioprocess Engineering	C	8000	1	2
Chemical Engineering	C	8010	1	2
Chemical Technology	C	8005	1	2
Engineering Geology—Hydrogeology — Environmental Geology	C	8020	1	2
Environmental Pollution Control	C	8040	1	2
Exploration Geophysics	C	8092	1	2
Exploration Geochemistry	C	8093	1	2
Food Technology	C	8030	1	2
Fuel Technology	C	8060	1	2
Industrial Pollution Control	C	8080	1	2
Metallurgy	C	8050		
Mineral Exploration	C	8091	1	2

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

ME

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

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

Corrosion Technology	C	5010	—	2
Food Technology	C	5020	1	2
Mining and Minerals Engineering	C	5040	1	2
Wool and Pastoral Sciences	C	5080	1	2

Faculty of Architecture

PhD

Built Environment	R	1120		
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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MBEnv

Built Environment	C	8130		
Built Environment	R	2240		

MLArch

Landscape Architecture	R	2220		
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MSc

Industrial Arts	R	2205		
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Graduate Study (continued)

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

Faculty of Architecture (continued)**MSc(Acoustics)**

Acoustics	C	8100	—	2
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MSc(Building)

Building	C	8110	—	2
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MTP

Town Planning	R	2230	2	—
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GradDip

Housing and Neighbourhood Planning	C	5200	—	2
Industrial Design	C	5220	1	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 and Philosophy of Science	R	2330		
Mathematics	R	2340		
Philosophy	R	2350		
Political Science	R	2360		
Psychology	R	2250		

School/Course	Type	Course Code	Duration/Years	
	Research /Course		Full-time	Part-time
Russian	R	2370		
Sociology	R	2380		
Spanish and Latin American Studies	R	2390		
MA				
English	C	8170	1	2
French	C	8210	—	2
German Studies	C	8200	1	2
History	C	8180	—	2
Mathematics	C	8160	—	2
Philosophy	C	8190	1	2

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	1	2
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MSc

Biochemistry	R	2460		
Biotechnology	R	2471		
Botany	R	2480		
Microbiology	R	2490		
Psychology	R	2450		
Zoology	R	2500		

MSc(Biotech)

Biotechnology	C	8260	1	2
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GradDip

Biochemical Engineering	C	5320	1	2
Biotechnology	C	5340	1	2

Faculty of Commerce**PhD**

Accountancy	R	1520		
Commerce	R	1580		
Economics	R	1540		
Finance	R	1560		
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	2525	2	3

MCom

Commerce	C	8470	2	3
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Faculty of Engineering

PhD

Civil Engineering	R	1630		
Electrical Engineering and Computer Science	R	1641		
Mechanical and Industrial Engineering	R	1660		
Nuclear Engineering	R	1670		
Surveying	R	1680		

MBiomedE

Biomedical Engineering	C	8660	1½	3
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ME

Civil Engineering	R	2650		
Electrical Engineering and Computer Science	R	2661		
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
Industrial Engineering	C	8530	1	2
Mechanical Engineering	C	8540	1	2
Nuclear Engineering	C	8550	1	2

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

MSc

Civil Engineering	R	2750		
Electrical Engineering and Computer Science	R	2761		
Mechanical and Industrial Engineering	R	2780		
Nuclear Engineering	R	2785		
Biomedical Engineering	R	2795		

MSurv

Surveying	R	2720		
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MSurvSc

Surveying Science	C	8650	1	2
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GradDip

Highway Engineering	C	5430	1	2
Human Communication	C	5440	1	2
Surveying	C	5490	1	2
Transport Engineering Developments	C	5460	1	2
<i>Civil</i>	C	5471	1	2
<i>Biomedical</i>	C	5472	1	2
<i>Electrical</i>	C	5473	1	2
<i>Human Communication</i>	C	5474	1	2
<i>Industrial</i>	C	5475	1	2
<i>Mechanical</i>	C	5476	1	2
<i>Nuclear</i>	C	5477	1	2
<i>Surveying</i>	C	5478	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

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

Graduate Study (continued)

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

Faculty of Medicine (continued)**PhD**

Anatomy	R	1750		
Community Medicine	R	1760		
Medicine	R	1770		
Pathology	R	1780		
Physiology and Pharmacology	R	1790		
Psychiatry	R	1800		
Surgery	R	1810		
Obstetrics and Gynaecology	R	1820		
Paediatrics	R	1830		

MPaed

Paediatrics	C	9010	—	3
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MSc

Anatomy	R	2800		
Community Medicine	R	2810		
Medicine	R	2820		
Obstetrics and Gynaecology	R	2830		
Pathology	R	2840		
Physiology and Pharmacology	R	2850		
Psychiatry	R	2880		
Paediatrics	R	2805		
Surgery	R	2875		

MS

Surgery	R	2860		
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Faculty of Military Studies**PhD**

Chemistry	R	1870		
Civil Engineering	R	1630		
Economics	R	1540		
Electrical Engineering	R	1640		
English	R	1200		
Government	R	1320		
Geography	R	1080		
History	R	1240		
Mathematics	R	1880		
Mechanical Engineering	R	1660		
Physics	R	1890		

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

MA(Hons)

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

ME

Civil Engineering	R	2650		
Electrical Engineering	R	2660		
Mechanical Engineering	R	2690		

MSc

Chemistry	R	2910		
Geography	R	2040		
Mathematics	R	2920		
Physics	R	2930		

MEngSc

Electrical Engineering	C	8510	1	2
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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	2	4
Education	C	8910	2	4

MEdAdmin

Educational Administration	R	2945	3	4
Educational Administration	C	8960	2	4

MHA

Health Administration	R	2960	2	8
Health Administration	C	8900	2	—

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	—
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MLib

Librarianship	R	2980		
Librarianship	C	8920	1	2

MSW

Social Work	R	2970		
Social Work	C	8930	1	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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ME

Physics	R	2890		
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MMath

Mathematics	C	8740	1	2
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MOptom

Optometry	C	8760	1	2/3
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MPhysics

Physics	C	8730	1	2
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School/Course	Type	Course Code	Duration/Years	
	Research /Course		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	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	C	9100	—	2
General Studies	R	2430	1	2

Professorial Board

PhD

Health Personnel Education	R	1840		
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MHPed

Health Personnel Education	C	9000	1½*	2½*
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*Includes a project of approved field work of six months.

Table of Courses (alphabetical)

As already indicated, there are facilities in all faculties for study for higher research degrees, and in some faculties for higher degrees by a combination of research and

course work. In this Table and the summary of disciplines (see following pages) reference is made to graduate study only where formal graduate courses are available.

Discipline	Faculty	Code Number		Degree Abbreviation		Duration in Years	
		Full-time	Part-time	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, <i>see also</i> <i>Architecture</i>	Architecture		8100		MSc(Acoustics)		2
Aeronautical Engineering	Engineering	3610	3600§ 3610	BE	BSc(Eng)§ BE	4	6§ 6/6
Anatomy, <i>see also</i> <i>Cellular Biology, Human Structure and Function, Medical Science</i>	Medicine	3810		BMedSc		*	
	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3	7/8-9
Applied Geography, <i>see Geography</i>							
Applied Geology, <i>see Geology</i>							
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, <i>see</i> <i>Information Management</i>							
Behavioural Science, <i>see</i> <i>Organizational Behaviour</i>							
Biochemical Engineering	Biological Sciences	5320	5320	GradDip	GradDip	1	2
Biochemistry, <i>see also</i> <i>Cellular Biology, Human Structure and Function, Medical Science</i>	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
	Medicine	3810		BMedSc		*	
Biotechnology, <i>see also Food Technology</i>	Biological Sciences and Applied Science	8260	8260	MSc(Biotech)	MSc(Biotech)	1	2
	Board of Studies in Science and Mathematics	3970		BSc		3/4	
Biomedical Engineering	Engineering	8660	8660	MBiomedE	MBiomedE	1½	3
Bioprocess Engineering, <i>see also</i> <i>Chemical Engineering</i>	Applied Science	8000	8000	MAppSc	MAppSc	1	2

§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	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	8110	BBuild	MSc(Building)	8/17 semesters	2
Built Environment	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	3020		BSc		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**
		8010	8010	MAppSc	MAppSc	1	2
		8005	8005	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		BSc BE		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.

Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation		Duration in Years	
		Full-time	Part-time	Full-time	Part-time	Pass/Honours Full-time	Part-time
Economics/Econometrics Commerce	Commerce	3580	3580	BCom(Hons)	BCom(Hons)	—/7	—/7
Education							
Mathematics	Board of Studies in	4070		BSc DipEd		4/5	
Science	Science and Mathematics	4080		BSc DipEd		4/5	
Education	Professional Studies	8910	8910	MEd	MEd	2	4
Education		5660		DipEd		1	2
Educational Administration		8960	8960	MEdAdmin	MEdAdmin	2	4
Electrical Engineering	Engineering	3640	3650	BE	BSc(Eng)	4	6
		3970/3640		BSc BE		5/6	
		3720		BA BE		5/6	
		8500	8500	MEngSc	MEngSc	1	2
	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/9
	Military Studies	8510	8510	MEngSc	MEngSc	1	2
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	8170	MA	MA	1	2
Environmental Pollution Control	Applied Science	8040	8040	MAppSc	MAppSc	1	2
Environmental Geology, see Engineering Geology							
Exploration Geochemistry, see Geology							
Exploration Geophysics, see Geology							
Food and Drug Analysis	Science	5510	5510	DipFDA	DipFDA	1	2
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		MA		2	
Fuel Technology	Applied Science	3040	3040**	BE	BE**	4/4	7/7**
		8060	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		Duration in Years	
		Full-time	Part-time	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	
		3092	3092	MAppSc	MAppSc	1	2
		3093	3093	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	6
		8900		MHA		2	4
Health Planning	Professional Studies	8940		MHP		1	
Health Personnel Education	Professorial Board†	9000	9000	MHPed	MHPed	1½	2½
History	Arts	3400		BA		3/4	
		8180	8180	MA	MA	2	3
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	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	5220		GradDip		1	
Industrial Engineering	Engineering	3660	3670§	BE	BSc(Eng)§	4	6§
			3660		BE		6/6
		8530	8530	MEngSc	MEngSc	1	2
Industrial Pollution Control	Applied Science	8080	8080	MAppSc	MAppSc	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						
<i>Archives Administration</i>		5601	5601	DipIM–Archiv Admin	DipIM–Archiv Admin		
<i>Librarianship</i>		5591		DipIM–Lib		1	

Integrated Clinical Studies,
see Clinical Studies

†Administering body.

§No new enrolments are being accepted into this course.

Table of Courses (alphabetical) (continued)

Discipline	Faculty	Code Number		Degree Abbreviation		Pass/Honours Duration in Years	
		Full-time	Part-time	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
Medicine, <i>see also Cellular Biology, Chemistry, Clinical Studies, Community Medicine, Human Behaviour, Human Structure and Function, Medical Science, Obstetrics and Gynaecology, 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	Pass/Honours	Full-time Part-time
Military Studies, <i>see also Electrical Engineering</i>							
Mineral Exploration, <i>see also Geology</i>	Applied Science	8091	8091	MAppSc	MAppSc	1	2
Mineral Processing**, <i>see also Mining Engineering</i>	Applied Science		4220**		BSc(Tech)**		6**
Mining and Mineral Engineering, <i>see Mining Engineering</i>	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**
Naval Architecture	Engineering		3700 3710§		BE BSc(Eng)§		6/6 6§
Nuclear Engineering	Engineering	8550	8550	MEngSc	MEngSc	1	2
Obstetrics and Gynaecology	Medicine	3800		MB BS		5	
Optometry	Science	3950 8760		BOptom MOptom		4 1	
Organizational Behaviour	Commerce	2525	2525	MCom(Hons)	MCom(Hons)	2	3
Paediatrics	Medicine	3800		MB BS		5	
			9010		MPaed		3
Paraclinical Science	Medicine	3800		MB BS		5	
Pathology, <i>see also Paraclinical Science, Clinical Studies</i>	Medicine	3810		BMedSc		*	
Pharmacology, <i>see Paraclinical Science, Medical Science</i>							
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, <i>see also Cellular Biology, Human Structure and Function</i>	Medicine	3810		BMedSc		1	
	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
Political Science	Arts	3400		BA		3/4	
Polymer Science, <i>see Chemical Engineering</i>							
Pyschiatry	Medicine	3800		MB BS		5	

**Available at Broken Hill only.

§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	Pass/Honours	Full-time Part-time
Psychology	Biological Sciences	3430		BSc		4	
		8250	8250	MPsychol	MPsychol	1½	3
	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9
	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	6	8
Russian	Arts	3400		BA		3/4	
Science and Society	Science		8780		MScSoc		2
Science/Civil Engineering	Board of Studies in Science and Mathematics	3730		BSc BE		5/6	
Science/Electrical Engineering	Board of Studies in Science and Mathematics	3970/3640		BSc BE		5/5	
Science/Law	Board of Studies in Science and Mathematics	4770		BSc LLB		5/7	
Science/Medicine	Medicine	3820		BSc MB BS		6/7	
Science (Medicine)	Medicine	3830		BMedSc		1	
Social Science	Arts	3420		BSocSc		4	
Social Work	Professional Studies	4030		BSW		4	4/7
		8930	8930	MSW	MSW	1	3
Sociology	Arts	3400		BA		3/4	
Spanish and Latin American Studies	Arts	3400		BA		3/4	
Statistics, <i>see also Econometrics and Mathematics</i>	Science	8750	8750	MStats	MStats	2	4
Surgery, <i>see Clinical Studies</i>							
Surveying	Engineering	3740§	3740§	BSurv§	BSurv§	4/4§	6/7§
		8650	8650	MSurvSc	MSurvSc	1	2
		5490	5490	GradDip	GradDip	1	2
Surveying Science	Engineering	3760		BSurvSc		4/4	
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	
		5080	5080	GradDip	GradDip	1	2
Zoology	Board of Studies in Science and Mathematics	3970	3970	BSc	BSc	3/4	7/8-9

§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 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 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.

There are several formal graduate courses: the Master of Applied Science courses in Bioprocess Engineering (8000), Chemical Technology (8005), Chemical Engineering (8010), Environmental Pollution Control (8040), Fuel Technology (8060), and Industrial Pollution Control (8080); 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 two formal graduate courses: the Master of Applied Science course in Food Technology (8030) 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 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).

There are two courses: Ceramic Engineering (3020 full-time BSc) 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.

There is also a formal graduate course in Metallurgy (8050), 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 is a formal graduate course 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

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 the School offers the Bachelor of Science (Architecture) degree course (3270/3290). Both courses are available on a semester basis.

A formal degree course, the Master of Architectural Design (8140) by course work, is offered from 1981.

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 (PhD) (1140) and Master of Building (MBuild) (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 (PhD) (1120), Master of Architecture (MArch) (2200) and Master of the Built Environment (MBEnv) (2240), the School offers courses leading to the award of the degrees of Master of Science (Acoustics) (MSc(Acoustics)) (8100) and Master of the Built Environment (Building Conservation) (MBEnv) (8130).

Industrial Arts

Industrial Arts is a subject area which studies the relationship between man and his material environment in the creation and production of artefacts. It is thus concerned with the design and production of material objects which are both useful and beautiful.

The full-time Bachelor of Science (Industrial Arts) Diploma in Education course (3320) provides a broad education which embraces the natural and social sciences, technological studies, education, general studies and the arts. On completion of the degree, graduates are eligible to become certificated by the NSW Department of Education as four-year trained teachers. A graduate diploma course in Industrial Design (5220) is available to qualified persons wishing to become professional industrial designers in the product design field.

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 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.

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. Old and Middle English are not compulsory except for the Honours candidate in the later years. 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, and civilization and society. 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 ideas, institutions and activity. As the study of one area of society, the political area, it is closely linked with other social sciences: history, sociology, economics and with philosophy and law. Its complexity is indicated by its various branches: political institutions, political theory, comparative government and politics, international relations and political sociology. The first year of the BA degree course is devoted mainly to the Australian system and to political philosophy, and later years to comparative government, political theory and international relations. As the subject contains much that is controversial, attention is given to the process of critical appraisal and political analysis. Some subjects in Political Science 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

Major sequences in Spanish and Latin American Studies are available for native and non-native speakers of Spanish. For students with no prior knowledge of the language emphasis is placed on intensive oral and written work in all subjects in their sequence. Both native and non-native speakers study aspects of the history and literature of Spain and Latin America in the first two years of the sequence; in the third year students may specialize in Latin American historical or in Spanish and Latin American literary studies; studies in Spanish linguistics are also available to native speakers. The School offers three Upper Level subjects in Latin American history for students with no knowledge of Spanish who have completed a first year subject in one of the social sciences. One or two of the subjects may be included in a sequence within the School of History.

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 and microbiology, and 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 Science (Medicine) course (3810). 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, as the scientific study of behaviour, has application in several areas such as clinical, correctional, educational, and industrial. The core course covers learning and motivation, sensory processes, the social bases of behaviour and personality, cognitive psychology and research methods. There is some choice in the supporting courses to allow for special interests to be developed. The four-year professional program leading to the award

of the degree of Bachelor of Science in Psychology (3430) prepares students for specialized practice 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 the four-year psychology honours course in Arts (3400). Science or Arts students not wishing to specialize may take courses in psychology at the pass level.

There is also a formal graduate course (8250), leading to the award of the Master of Psychology degree.

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. 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 is also a major study 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.

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 Schools of Electrical Engineering and Computer Science, and Mechanical and Industrial Engineering the content of the respective BE and BSc(Eng) 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 and the Centre for Biomedical Engineering offer graduate courses only. The Graduate School of Engineering co-ordinates the graduate activities of all the engineering schools. The Master of Engineering Science and Master of Surveying Science are faculty-wide degrees available through all five schools of the Faculty. This allows for flexibility of choice between formal course work and research, together with the possibility of interdisciplinary studies, and includes thirty different areas of specialization. The Faculty also offers a Graduate Diploma course in Human Communication (5440)*.

Civil Engineering

The profession of civil engineering is concerned with the conception, design, construction and operation of works performed for the use and convenience of man, such as roads, railways, bridges, building structures, tunnels, airfields 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. Civil engineering is very broad and 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 (2620) 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 course (3730) leading to the award of the combined degree 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).

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, Solid State Electronics, and Systems and Control. There are four degree courses: the full-time BE (3640), the part-time BSc(Eng) (3650), and the two double degrees of BSc BE and BA BE. Electrical Engineering is closely linked with the pure sciences, and the double degree of BSc BE may be obtained by one extra year of full-time study. The BA BE (3720) degree course involves the normal BE program with minor omissions, and includes eighteen approved subjects from the Faculty of Arts. Electrical engineering, specifically computer science, is also a major or minor study in the Science and Mathematics course (3970) and the BA degree course (3400). There are two formal graduate courses, leading to the award of the degree of Master of Engineering Science (8500) and of the graduate diploma in Engineering Developments (5473).

Mechanical and Industrial Engineering

The School offers courses leading to the award of the BE degree full-time and the BSc(Eng) degree part-time in: Aeronautical Engineering (3610 and 3600), Industrial Engineering (3660 and 3670), Mechanical Engineering (3680 and 3690) and Naval Architecture (3700 and 3710). The emphasis in these courses is on the dynamic and thermodynamic aspects of the behaviour of a wide range of systems. The work of the engineer in all four areas is mutually complementary. There are two formal graduate courses: the Master of Engineering Science in Industrial Engineering (8530) and in Mechanical Engineering (8540).

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

*In 1976 a new set of faculty-wide regulations for graduate diplomas was introduced. These provide for interdisciplinary study in the new graduate diploma course in Engineering Developments (5470), and for more flexibility in the graduate diploma courses in Highway Engineering, Human Communication, Transport and Surveying. Students are advised to consult the Faculty of Engineering Handbook.

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 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).

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 location of the School on the University campus promotes this design by facilitating the necessary interdisciplinary study.

The School offers a full-time course in Jurisprudence/Law (4780), leading to the award of the combined degree 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) and also offer graduate courses. The Faculty of Biological Sciences and the Faculty of Science provide courses or components of courses in biochemistry, microbiology, physics and chemistry in the Bachelor of Medicine Bachelor of Surgery course.

Medical students may interrupt their course for one year to specialize in one of the areas of basic medical science for the award of the degree of Bachelor of Science (Medicine) (3830). In the new 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 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 is responsible for Introductory Clinical Studies and also teaches in Human Behaviour in the Bachelor of Medicine Bachelor of Surgery course (3800).

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).

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 Medicine Bachelor of Surgery course (3800).

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).

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).

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, Paraclinical Science, Medical Science and Integrated Clinical Studies in the Bachelor of Medicine Bachelor of Surgery course (3800).

Psychiatry

Psychiatry is concerned with disorders and diseases of the mind. The course covers in particular the technique of psychiatric examination, mental subnormality, psychoneuroses, psychopathy, affective disorders, schizophrenia, alcoholism and drug addiction, mental illness associated with brain disease, epilepsy, ageing and the mental diseases of the aged, psychotherapy, psychopharmacology, methods of physical treatment, and sociotherapy.

The School teaches the subject entitled Psychiatry and is responsible for Human Behaviour in the Bachelor of Medicine Bachelor of Surgery course (3800).

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). 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 Science Diploma in Education in Mathematics Education (4070) and Science Education (4080), the Bachelor of Science (Industrial Arts) Diploma in Education (4010) and the Wool and Pastoral Science (Education Option) (3210). The Education subjects in these courses involve foundation studies in the philosophy of education, educational psychology, sociology of education, research methods in 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 two formal graduate courses: the Master of Health Administration (8900) and the Master of Health Planning (8940).

Librarianship

Librarianship is concerned with all aspects of the selection, acquisition, cataloguing and 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 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 contents of docu-

ments, 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 learns a generic or unitary approach to social work practice, but in the final year, the student has the opportunity to choose major and minor concentrations from amongst the social work methods of social casework, social group work, community work, and social welfare administration. An integral aspect of the course 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 Bachelor of Optometry (3950).

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 take out the double degree of Bachelor of Science/Bachelor of Optometry. One formal graduate course is offered: the Master of Optometry (8760).

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.

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. There are three forms of activity: 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 programs are offered 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, Sociology, Political Science (Arts); Economics (Commerce); Electrical Engineering and Computer Science, Mechanical and Industrial Engineering (Engineering); Anatomy, Community Medicine, 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. The General Studies program is designed to give students in the technical, scientific and vocational

courses an appreciation of the contributions of the humanities, social sciences and the arts to contemporary thought and, as a result, a fuller understanding of the social context of their own professions.

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, 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	School, Department etc	Faculty
1 School of Physics	Science	39 Graduate School of the Built Environment	Architecture
2 School of Chemistry	Science	40 Professorial Board	
4 School of Metallurgy	Applied Science	41 School of Biochemistry	Biological Sciences
5 School of Mechanical and Industrial Engineering	Engineering	42 School of Biotechnology	Biological Sciences
6 School of Electrical Engineering and Computer Science	Engineering	43 School of Botany	Biological Sciences
7 School of Mining Engineering	Applied Science	44 School of Microbiology	Biological Sciences
8 School of Civil Engineering	Engineering	45 School of Zoology	Biological Sciences
9 School of Wool and Pastoral Sciences	Applied Science	48 School of Chemical Engineering and Industrial Chemistry	Applied Science
10 School of Mathematics	Science	50 School of English	Arts
11 School of Architecture	Architecture	51 School of History	Arts
12 School of Psychology	Biological Sciences	52 School of Philosophy	Arts
13 School of Textile Technology	Applied Science	53 School of Sociology	Arts
14 School of Accountancy	Commerce	54 School of Political Science	Arts
15 School of Economics	Commerce	55 School of Librarianship	Professional Studies
16 School of Health Administration	Professional Studies	56 School of French	Arts
17 Biological Sciences	Biological Sciences	57 School of Drama	Arts
18 School of Mechanical and Industrial Engineering (Industrial Engineering)	Engineering	58 School of Education	Professional Studies
21 Department of Industrial Arts	Architecture	59 School of Russian	Arts
23 School of Nuclear Engineering	Engineering	60 Faculty of Arts (Bachelor of Social Science)	
25 School of Applied Geology	Applied Science	62 School of History and Philosophy of Science	Arts
26 Department of General Studies	Board of Studies in General Education	63 School of Social Work	Professional Studies
27 School of Geography	Applied Science	64 School of German Studies	Arts
28 School of Marketing	Commerce	65 School of Spanish and Latin American Studies	Arts
29 School of Surveying	Engineering	66 Subjects Available from Other Universities	
30 Department of Organizational Behaviour	Commerce	68 Board of Studies in Science and Mathematics	Board of Studies in Science and Mathematics
31 School of Optometry	Science	70 School of Anatomy	Medicine
32 Centre for Biomedical Engineering	Engineering	71 School of Medicine	Medicine
35 School of Building	Architecture	72 School of Pathology	Medicine
36 School of Town Planning	Architecture	73 School of Physiology and Pharmacology	Medicine
37 School of Landscape Architecture	Architecture	74 School of Surgery	Medicine
38 School of Food Technology	Applied Science	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) and Master of Health Personnel Education (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 a formal course leading to the award of the degree of Master of Health Personnel Education.

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 one year full-time master's degree course may be taken over a longer period on a part-time basis. All students are required to undertake the eight core subjects described below plus eight credit points from Academic Electives and/or Independent Studies. Full-time and part-time candidates are required to undertake an approved six months field project usually in the student's own country and to submit a report on such work.

*The course is administered by the Professorial Board.

Core Subjects

Session 1		Hours per week
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
		10

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.

Session 1		Hours per week
40.110G	Culture, Subculture and Communication	2
40.115G	Educational Selection	1
40.116G	Trends in Health Sciences Curricula	1
40.118G	Clinical Problem Solving	1

Session 2

40.501G	Interpersonal Process Recall	2
40.113G	Evaluation of Instructors	2
40.114G	Individual Differences and Individualized Instruction	1
40.117G	Explorations in Personal Learning	2
40.119G	Clinical Decision Making	1
40.120G	Production of Audiovisual Materials	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

40.101G Learning and Teaching

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

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

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

Designed for students to critically evaluate 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

Curriculum theory and its application to the health professions. Professional performance, describing student competencies, identifying a body of knowledge, planning student learning and conducting curriculum evaluation. By the end of Session 2 each student will have developed a sample curriculum package.

40.106G Teaching Skills

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

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

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

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

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.

40.114G Individual Differences and Individualized Instruction

An Academic Elective. Interest in individual differences of students and their implications for the design of instruction has been expressed by some students. Issues of this nature can be expected to be raised in 40.103G Instructional Design and this elective aims to allow more in depth study by those who are especially interested in the area. It is suggested that the elective be offered in Session 2 to allow integration with 40.101G. Topics include: individual differences in cognitive and learning styles, problem solving strategies and their relative importance in students' ability to learn from different types of instruction; the concept of aptitude treatment interactions, and the implications and feasibility of adapting instruction to individual differences.

40.115G Educational Selection

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

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

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

An Academic Elective. The nature of problems, and specifically of clinical problems. The reasoning steps in the clinical process, search strategies and the usefulness of models of the process. The value of diagnostic information and the nature of clinical judgement. Aims to expose the clinical, educational and research implications of current studies of the professional/client interaction.

40.119G Clinical Decision Making

An Academic Elective. Investigation, information and the reasoning steps in the process of making clinical decisions. The expected values resulting from different treatment decisions, and the factors affecting such decisions. The sources of subjective and objective probabilities affecting judgement, as well as the professional and social assumptions underlying preferred choices. The implications for current studies of the professional/client interaction.

40.120G Production of Audiovisual Materials

An Academic Elective. Production of software for audiovisual media, especially videotape and tape slide material. Students may work with CCTV and other specialized units within the University. Assessment is based on the audiovisual material produced in the elective.

40.501G Interpersonal Process Recall

An Academic Elective. Provides an opportunity for students to increase their understanding of their own emotional reactions and the impact they have upon others. The teaching method used is essentially experiential and depends upon the use of stimulus films and videotape feedback.

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 Military Studies
	MA	Arts
Master of Biomedical Engineering	MBiomedE	Engineering
Master of Building	MBuild	Architecture
Master of the Built Environment	MEnv	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 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 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 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 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	GradDip	Applied Science Architecture Engineering Sciences§ Sciences*
	DipFDA DipArchivAdmin DipEd DipLib	Professional Studies

*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 his 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 600 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 600 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.

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

18. There shall normally be three examiners of the thesis appointed by the Professorial Board on the recommendation of the Committee, at least two of whom shall be external to the University.

19. At the conclusion of the examination each examiner shall submit to the Committee a concise report on the merits of the thesis and shall recommend to the Committee that:

- (1) the candidate be awarded the degree without further examination; or
- (2) the candidate be awarded the degree without further examination subject to minor corrections as listed being made to the satisfaction of the head of the school*; or
- (3) the candidate be awarded the degree subject to a further examination on questions posed in the report, performance in this further examination being to the satisfaction of the Committee; or
- (4) the candidate be not awarded the degree but be permitted to resubmit the thesis in a revised form after a further period of study and/or research; or
- (5) the candidate be not awarded the degree and be not permitted to resubmit the thesis.

20. If the performance at the further examination recommended under Rule **19.** (3) is not to the satisfaction of the Committee the Committee may permit the candidate to re-present the same thesis and submit to a further oral, practical or written examination within a period specified by them but not exceeding eighteen months.

21. The Committee shall, after consideration of the examiners' reports and the reports of any oral or written or practical examination, recommend whether or not the candidate may be admitted to the degree.

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

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

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

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, together with a certificate from the supervisor to the effect that the thesis is in a form suitable for submission to the examiner. (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, together with a certificate from the supervisor to the effect that the thesis is in a form suitable for submission to the examiner. 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, together with a certificate from the supervisor to the effect that the thesis is in a form suitable for submission to the examiner. All copies of the thesis shall contain a short abstract of the thesis comprising not more than 600 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 shall submit to the Registrar four copies of the thesis and supporting work, together with a certificate from the supervisor to the effect that the thesis is in a form suitable for submission to the examiner.

All copies of the thesis shall contain a short abstract of the thesis comprising not more than 600 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 enquiry counter of the Higher Degrees Unit, which is located in the Chancellery.

Schedule

Degrees	Course Code(s)
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Degrees for which candidates are required to submit 3 copies of a thesis to the Registrar

Master of Archives Administration	2985
Master of Arts <i>at honours level</i>	2250-2400
Master of Architecture	2200-2201
Master of Biomedical Engineering	8660
Master of Building	2210

1.

Degrees	Course Code(s)
Master of Commerce <i>at honours level</i> – by thesis	2520-2640
Master of Engineering	2155-2180 2650-2700 2890
Master of Education <i>at honours level</i>	2990
Master of Educational Administration <i>at honours level</i>	2945
Master of Engineering Science – by 18 or 36 credit thesis	8500-8630
Master of General Studies – by research	2430
Master of Health Administration – by research	2960
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 the Built Environment – by research	2240
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 Commerce (old course)	8470
Master of General Studies – by formal study	9100
Master of Health Administration (old course) – by formal study	8900
Master of Librarianship – by formal study	8920
Master of Psychology (new course)	8250
Master of Science (Acoustics)	8100
Master of Science (Building)	8110
3. Degrees for which candidates are required to submit 2 copies of a project report to the Registrar	
Master of Commerce <i>at honours level</i> – by project	2520-2640
Master of the Built Environment (Building Conservation) – by formal study	8130
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 (old course)	8250

Degrees	Course Code(s)
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Degrees for which candidates may be required to submit 2 copies of a project report to the Head of School

5.

Master of Arts	8160-8210
Master of Applied Science	8000-8090
Master of Business Administration	8350
Master of Commerce (new course)	8470
Master of Education	8910
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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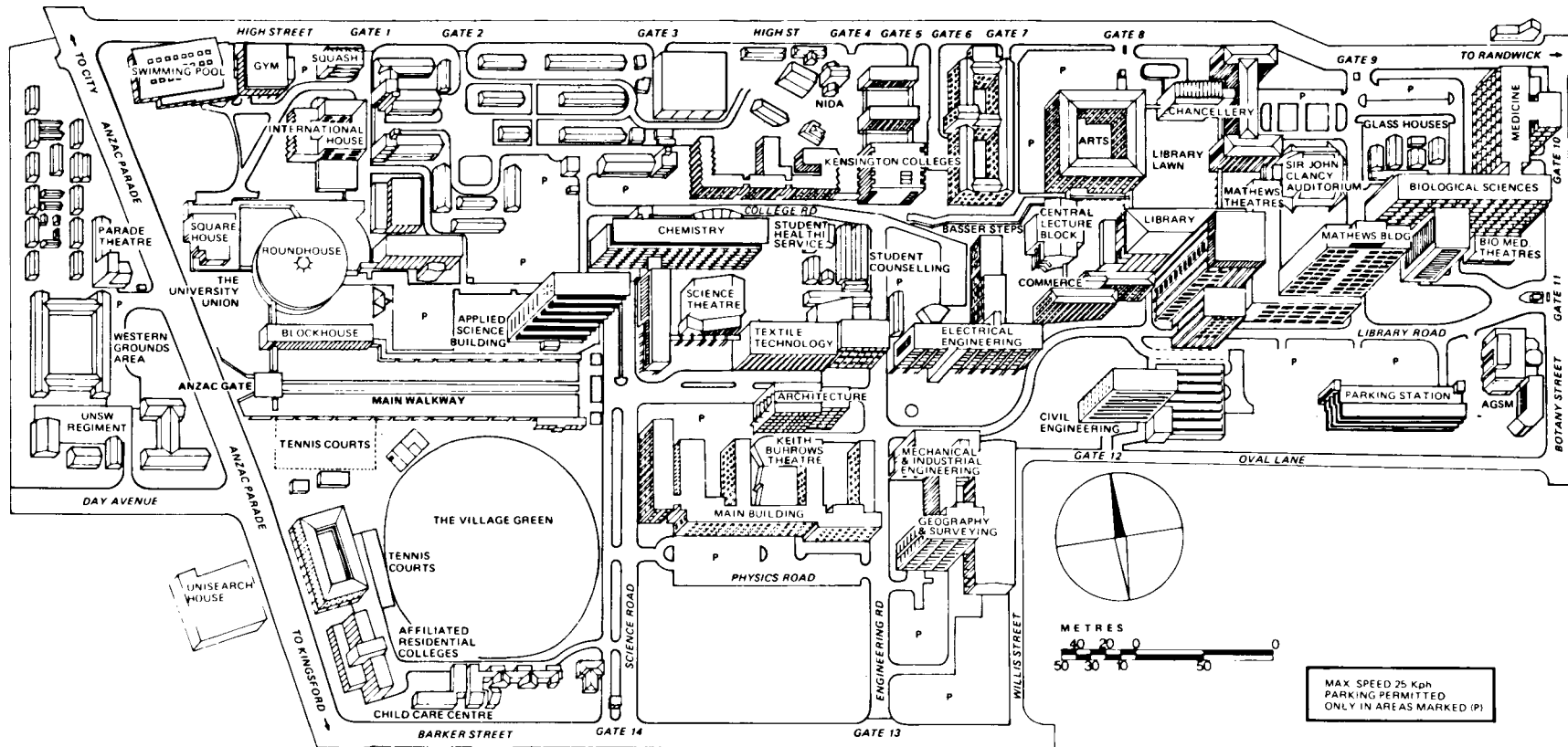
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This Calendar has been specially designed as a summary volume of the University's academic and administrative procedures.

It contains detailed information about the University – its organization, staff membership, description of disciplines, scholarships and prizes.

The Calendar and Handbooks also contain a summary list of higher degrees as well as the conditions for their award applicable to each volume.

For detailed information about courses, subjects and requirements of a particular faculty you should consult the relevant Faculty Handbook.

Separate Handbooks are published for the Faculties of Applied Science, Architecture, Arts, Commerce, Engineering, Law, Medicine, Professional Studies, Science (including Biological Sciences and the Board of Studies in Science and Mathematics), the Australian Graduate School of Management (AGSM) and the Board of Studies in General Education.

The Calendar and Handbooks are available from the Cashier's Office. The Calendar costs \$3.50 (plus postage and packing, 90 cents). The Handbooks vary in cost. Applied Science, Arts, Commerce, Engineering and Sciences are \$2.50. Architecture, Law, Medicine, Professional Studies and AGSM are \$1.50. Postage is 80c in each case, or \$1.20 (\$3.00 interstate) for a complete set of books. The exception is General Studies, which is free (80 cents postage).