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The University of New South Wales

Medicine

1979
Faculty Handbook

How to use this Handbook

The information in this book has been divided into **seven parts**.

General Information (the blue coloured pages) lists what you need to know about the University as a whole, introduces some of the services available and notes the most important rules and procedures. You should read this part in its entirety.

For further information about the University and its activities, see the University Calendar.

Faculty Information.

Undergraduate Study outlines the courses available in each school in the faculty.

Graduate Study is about higher degrees.

Subject Descriptions lists each subject offered by the schools in the faculty. The schools are listed alphabetically.

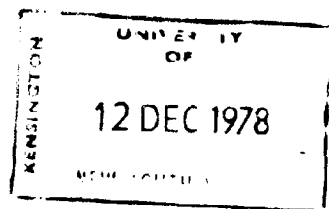
Information includes:

- Subject number, title and description
- Prerequisite, co-requisite and excluded subjects, where applicable
- Additional information about the subject such as unit values, credit hours, teaching hours per week, sessions when taught

Financial Assistance to Students is a list of scholarships and prizes, available at undergraduate and graduate level in the faculty.

Staff list.

For detailed reference, see the list of **Contents**.



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Medicine

1979
Faculty Handbook

**The address of the University of
New South Wales is:**

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

UNIVERSITY OF NEW SOUTH WALES

Faculty of Medicine

Handbook.

Annual. Kensington.

University of New South Wales—*Faculty of Medicine*—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 Handbook has been brought up to date as at 11 September 1978, but may be amended without notice by the University Council

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General Information

To obtain the maximum benefit from your studies you should make an effort to learn what facilities the University offers, to investigate the best methods of study and to discover as much as possible about the course for which you are enrolled.

This Handbook has been specially designed as a detailed source of reference for you in all matters related to your Faculty. The **General Information** Section is intended to help you put the Faculty into perspective with the University as a whole, to introduce you to some of the services available to students and to note some of the most important rules and procedures.

For fuller details about the University and its activities you should consult the University Calendar.

Now, see the following pages for other general information which may be of value to you.

If you are experiencing difficulties in adjusting to the requirements of the University, you will probably need advice. The best people to talk to on matters relating to progress in studies are your tutors and lecturers. If your problem lies outside this area, there are many other people with specialized knowledge and skills who may be able to help you.

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 students who need advice and who have problems and are not sure whom they should see. 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. Enquire at room 148E, phone 2482 (general enquiries) or 3164 (financial assistance).

The Officer-in-Charge (Admissions and Higher Degrees Section), Mr Peter Wildblood, is located on the ground floor of the Chancellery. General enquiries should be directed to 3711.

Some people who can help you

Note: All phone numbers below are University extension numbers. If you are outside the University, dial 663 0351 and ask for the extension or dial 662— and then the extension number. This prefix should only be used when you are certain of the extension that you require. Callers using 662 cannot be transferred to any other number.

The Officer-in-Charge (Examinations and Student Records Section) Mr Ross Woodham is located on the ground floor of the Chancellery. For particular inquiries regarding the Student Records Unit, including illness and other matters affecting performance in examinations, academic statements, graduation ceremonies, prizes, release of examination results and variations to enrolment programs, phone 3711. For information regarding examinations, including examination timetables and clash of examinations, phone 2143.

The Adviser for Prospective Students, Mrs Fay Lindsay, is located on the ground floor of the Chancellery and is available for personal interview. For an appointment phone 3453.

The Assistant Registrar (Student Employment and Scholarships), Mr Jack Foley, is located on the ground floor of the Chancellery. Enquiries should be directed to 2086 (undergraduate scholarships), 2525 (graduate scholarships), and 3259 (employment).

The Housing Officer, Mrs Judy Hay, is located in the Student Amenities and Recreation Unit in Hut B at the foot of Basser Steps. For assistance in obtaining *suitable lodgings* phone 3260.

The Student Health Unit is located in Hut E on College Road. The Director is Dr Max Napthali. For *medical aid* phone 2679 or 3275.

The Student Counselling and Research Unit is located at the foot of Basser Steps. The Head is Mr George Gray. For assistance with educational or vocational problems ring 3681, 3685 or 2696 for an appointment.

The University Librarian is Mr Allan Horton. Library enquiries should be directed to 2048.

The Chaplaincy Centre is located in Hut F at the foot of Basser Steps. For spiritual aid phone Anglican—2684; Catholic—2379; Church of Christ—2683; The Uniting Church—2683; Seventh Day Adventist—2683; Jewish—3273; Baptist—398 4065.

The Students' Union is located on the second floor of Stage III of the University Union, where the SU full-time President, Education Vice-President, Welfare-Research Officer, and Director of Overseas Students are available to discuss any problems you might have. In addition the SU offers a range of diverse services including legal advice (full-time solicitor available), clubs and societies services, second-hand bookshop (buy or sell), new records/tapes at discount, food shop (The Nuthouse), a professional nursery-kindergarten (House at Pooh Corner), a typesetting service, electronic calculators (bulk purchasing), AUS insurance (including health), an information referral centre (the Infakt Bus), a bail fund and publications such as *Tharunka*, *Orientation Magazine*, *Concessions Book* and counter-course handbooks. For information about these phone 2929.

Calendar of Dates

The Academic Year

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.

1979

Session 1 (14 weeks)

5 March to 13 May
May Recess 14 May to 20 May
21 May to 17 June

Tuesday
19 June

Midyear recess: 18 June to 22 July
Examinations begin

Wednesday
4 July

Examinations end

Session 2 (14 weeks)

23 July to 26 August
August Recess 27 August to 2 September
3 September to 4 November
Study Recess: 5 November to 11 November

Monday
12 November
Friday
1 December

Examinations begin
Examinations end

January

Monday 1
Friday 5

New Year's Day — Public Holiday
Last day for application for review of results of *annual* examinations
Last day for acceptance of applications by Admissions Office for transfer to another course within the University
Australia Day — Public Holiday

Friday 12

Monday 29

February

Monday 5
Monday 19

Enrolment period begins for new students and students repeating first year
Enrolment period begins for second and later year students

March

Monday 5
Tuesday 6

Friday 30

Session 1 commences

List of graduands for April/ May ceremonies published in daily press
Last day for acceptance of enrolment by students re-enrolling in second and later years (late fee payable)
Last day for students other than those attending the University for the first time to discontinue without failure subjects which extend over Session 1 only

April

Friday 6

Friday 13 to

Monday 16

Friday 20

Wednesday 25

Friday 27

Confirmation of Enrolment forms despatched to all students

Easter

Last day for acceptance of corrected *Confirmation of Enrolment* forms
Anzac Day — Public Holiday
Last day for students attending the University for the first time to discontinue without failure subjects which extend over Session 1 only

May

Monday 7

Monday 14

Thursday 17

Friday 18

Sunday 20

Friday 25

Last day for students completing requirements for degrees or diplomas at the end of Session 1 to submit *Application for Admission to Degree*

May Recess begins

Publication of provisional timetable for June/ July examinations

Last day for students other than those attending the University for the first time, to discontinue without failure subjects which extend over the whole academic year

May Recess ends

Last day for students to advise of examination timetable clashes

June

Tuesday 5

Sunday 17

Monday 18

Tuesday 19

Publication of timetable for June/ July examinations

Session 1 ends

Queen's Birthday — Public Holiday

Midyear Recess begins

Examinations begin

July

Wednesday 4

Friday 13

Monday 16

Examinations end
Examination results mailed to students
Examination results displayed on University notice boards

Tuesday 17 to
Friday 20

Sunday 22

Monday 23

Students to amend enrolment programs following receipt of June examination results

Midyear Recess ends

Session 2 begins

Last day for application for review of June examination results

August

Thursday 2

Friday 3

Friday 17

Monday 27

Foundation Day (No classes held)

Last day for students attending the University for the first time to discontinue without failure subjects which extend over the whole academic year

Last day for students, other than those attending University for the first time, to discontinue without failure subjects which extend over Session 2 only

August Recess begins

September

Sunday 2

Monday 10

Wednesday 12

Friday 14

Monday 17

August Recess ends

Last day for applications from students completing requirements for degrees and diplomas at the end of Session 2 to submit *Applications for Admission to Degree*

List of graduands for October graduation ceremony published in daily press

Last day for students attending the University for the first time to discontinue without failure subjects which extend over Session 2 only

Confirmation of Enrolment form forwarded to all students

Last day to notify intention of attending October graduation ceremony

October

Monday 1

Thursday 4

Thursday 11

Friday 12

Tuesday 23

Last day to apply to MUAC for transfer to another University in New South Wales
Eight Hour Day — Public Holiday
Last day to return corrected *Confirmation of Enrolment* forms

Publication of provisional examination timetable

Graduation ceremony

Last day for students to advise of examination timetable clashes

Publication of timetable for examinations

November

Sunday 4

Monday 5

Sunday 11

Monday 12

Session 2 ends

Study Recess begins

Study Recess ends

Examinations begin

December

| | |
|--------------|---|
| Saturday 1 | Examinations end |
| Tuesday 18 | Examination results mailed to students |
| Wednesday 19 | Examination results displayed on University notice boards |
| Tuesday 25 | Christmas Day — Public Holiday |
| Wednesday 26 | Boxing Day — Public Holiday |

1980

Session 1

3 March to 11 May
May Recess: 12 May to 18 May
19 May to 15 June

Tuesday
17 June Examinations begin

Wednesday
2 July Examinations end
Midyear Recess: 16 June to 20 July
21 July to 24 August

Session 2

August Recess: 25 August to 30 August
1 September to 2 November
Study Recess: 3 November to 9 November

Monday
10 November Examinations begin

Saturday
29 November Examinations end

January

Tuesday 1 Public Holiday
Friday 4 Last date for application for review of results of *annual* examinations

Friday 11 Last day for acceptance of applications by Admissions Office for transfer to another course within the University
Monday 28 Australia Day — Public Holiday

February

Monday 4 Enrolment period begins

In 1978 the University had 18,562 students and over 4,000 staff who worked in more than eighty buildings. These figures include staff and students at Broken Hill (W.S. and L.B. Robinson University College), Duntroon (the Faculty of Military Studies) and Jervis Bay.

Arms of the University of New South Wales

The coat of arms of the University is reproduced on the front cover of this handbook. The arms were granted by the College of Heralds in London, on 3 March 1952, and its heraldic description is as follows:

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

The lion and the four stars of the Southern Cross on the Cross of St George have reference to the State of New South Wales which brought the University into being; the open book with SCIENTIA across its page reminds us of its original purpose. Beneath the shield is the motto 'Manu et Mente', which is the motto of the Sydney Technical College, from which the University has developed. The motto is not an integral part of the Grant of Arms and could be changed at will; but it was the opinion of the University Council that the relationship with the parent institution should in some way be recorded.

The Council

The chief governing body of the University is the Council which has the responsibility of making all major decisions regarding its policy, conduct and welfare.

The Council consists of 43 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 Council meets six times per year and its members also serve on special committees dealing with, for example, academic matters, finance, buildings and equipment, personnel matters, student affairs and public relations.

The Chairman of the Council is the Chancellor, the Hon. Mr Justice Samuels, and the Deputy Chancellor is Dr F.M. Mathews.

The Professorial Board

The Professorial Board is one of the two chief academic units within the University and includes all the professors from the various faculties. It deliberates on all questions such as matriculation requirements, the content of courses, the arrangement of syllabuses, the appointment of examiners and the conditions for graduate degrees. Its recommendations on these and similar matters are presented to Council for its consideration and adoption.

Organization of the University

Rapid development has been characteristic of the University of New South Wales since it was first incorporated by an Act of Parliament in 1949, under the name of the New South Wales University of Technology.

The Faculties/Boards of Study

The Dean, who is also a professor, is the executive head of the Faculty or Board of Study. Members of each Faculty or Board meet regularly to consider matters pertaining to their own areas of study and research, the result of their deliberations being then submitted to the Professorial Board.

The term 'faculty' is used in two distinct senses in the University. Sometimes it is used to refer to the group of Schools comprising the Faculty, and at others to the deliberative body of academic members of the Schools within the Faculty.

The eleven Faculties are Applied Science, Architecture, Arts, Biological Sciences, Commerce, Engineering, Law, Medicine, Military Studies, Professional Studies and Science together with the Australian Graduate School of Management. In addition, the Board of Studies in General Education fulfils a function similar to that of the faculties. 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 Faculties of Biological Sciences and Science, considers and reports to the Professorial Board on all matters relating to studies, lectures and examinations in the science course.

The Schools

Once courses of study have been approved they come under the control of the individual Schools (eg the School of Chemistry, the School of Mathematics). The Head of the School in which you are studying is the person in this academic structure with whom you will be most directly concerned.

Executive Officers

As chief executive officer of the University the Vice-Chancellor and Principal, Professor Rupert Myers, is charged with managing and supervising the administrative, financial and other activities of the University.

He is assisted in this task by three Pro-Vice-Chancellors, Professor John Thornton, Professor Rex Vowels and Professor Raymond Golding; the Deans and the three heads of the administrative divisions.

General Administration

The administration of general matters within the University comes mainly within the province of the Registrar. Mr Keith Jennings, the Bursar, Mr Tom Daly, and the Business Manager (Property), Mr R.K. Fletcher.

The Registrar's Division is concerned chiefly with academic matters such as the admission of students, and the administration of examinations as well as the various student services (health, employment, amenities, and counselling).

The Bursar's Division is concerned with the financial details of the day-to-day administration and matters to do with staff appointments, promotions, etc.

Student Representation on Council and Faculties/Boards

Three members of the University Council may be students elected by students. All students who are not full-time members of staff are eligible to stand for a two-year term of office. The students who are elected to the Council are eligible for election to the Committees of Council.

Students proceeding to a degree or a graduate diploma may elect members for appointment by the Council to their Faculty/Board. Elections are for a one-year term of office.

Open Faculty/Board Meetings

If you wish you may attend a Faculty/Board meeting, you should seek advice at the office of the Faculty whose meeting you wish to attend, as different faculties have their own rules for the conduct of open meetings.

Award of the University Medal

The University may award a bronze medal to undergraduate students who have achieved highly distinguished merit on completion of their final year.

Identification of Subjects by Numbers

For information concerning the identifying number of each subject taught in this faculty as well as the full list of identifying numbers and subjects taught in the University, turn to the first page of the section **Subject Descriptions**. This list is also published in the Calendar.

Textbook Lists

Textbook lists are no longer published in the Faculty handbooks. Separate lists are issued prior to the beginning of each session and are available at key points on the campus.

General Studies Program

Almost all undergraduates in Faculties other than Arts and Law are required to complete a General Studies program. The Department of General Studies within the Board of Studies in General Education publishes its own Handbook which is available free of charge. All enquiries about General Studies should be made to the General Studies Office, Room G56, Morven Brown Building, phone 3476.

Student Services and Activities

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.

There are also library services at other centres:

The Water Reference Library situated at Manly Vale (phone 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. Phone Broken Hill (080) 6022.

The library at the Royal Military College, Duntroon, ACT, serving the Faculty of Military Studies. Phone (062) 73 0427.

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.

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 Bassett 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, PO Box 24, Kensington, NSW 2033.

International House

International house accommodates 154 students from Australia and up to twenty other countries. Preference is given to more senior undergraduates and graduate students. Apply in writing, to the Warden, International House, PO Box 88, Kensington, NSW 2033.

New College

This Church of England College is open to all students without regard to race or religion. It has accommodation for approximately 220 students and is co-educational. Enquiries should be addressed to the Master, New College, Anzac Parade, Kensington, NSW 2033.

Shalom College

Shalom College 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. Apply in writing to the Master, Shalom College, The University of New South Wales, PO Box 1, Kensington, NSW 2033.

Warrane College

Warrane College provides accommodation for 200 men and is open to students of all ages, backgrounds and beliefs. A comprehensive tutorial program is offered along with a wide variety of activities and opportunities to meet informally with members of the University staff. 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 International Catholic lay association Opus Dei. Apply in writing to the Master, Warrane College, PO Box 123, Kensington, NSW 2033.

Creston Residence

Creston, associated with Warrane College, offers residence for 25 full-time undergraduate and graduate women students of all nationalities and denominations. It is directed by the Women's Section of Opus Dei, a Catholic lay association. Further information: 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 Unit for assistance in obtaining suitable lodging 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.

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, list of estate agents and hints on house-hunting are available on request.

Location: The Student Accommodation Service is located in Hut B, near the foot of Basser Steps. Phone 6630351, extension 3260.

Student Employment and Scholarships

The Student Employment and Scholarships Unit offers assistance with career employment for final year students and graduates of the University. This service includes the mailing of regular job vacancy notices to registered students, and a Careers Library containing information on various careers and employers.

Careers advice and assistance are also available to undergraduates. Students undertaking courses in Applied Science or Engineering which require course-related industrial or professional training experience are assisted to find such employment over the long vacation. Information and advice regarding cadetships, undergraduate and graduate scholarships is also available.

The service is located in Room G19 of the Chancellery.

Phone extension 3259 for employment and careers advice, extension 2525 for details of graduate awards and grants, and extension 2086 for undergraduate scholarship, cadetship and industrial training information.

Student Health

A student health clinic and first aid centre is situated within the University. It is staffed by three qualified medical practitioners, assisted by two nursing sisters. The medical service, although therapeutic, is not intended to entirely 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 for specialist opinion and/or treatment. 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 as well as first aid service in the case of injury or illness on the campus are available.

The centre is located in Hut E on the northern side of the campus in College Road at the foot of Basser Steps.

Appointments may be made by calling at the centre or by telephoning extension 2679 or 3275 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. These clinics are open to staff and students and appointments may be made for the Student Health Unit clinic by telephoning 698 9499, or for The Prince of Wales Hospital clinics by telephoning 399 0111.

Student Counselling and Research

The Student Counselling and Research Unit provides individual and group counselling for all students—prospective, established and graduate. Self-help programs are also available. Opportunities are provided for parents and others concerned with student progress to see members of the counselling staff.

The service which is free, informal and personal is designed to help students with planning and decision making, and a wide variety of concerns and worries which may be affecting personal, educational and vocational aspects of their lives.

The Unit pursues research into factors affecting student performance, and the published results of its research and experience are helpful in improving University and other counselling services, and the quality of student life.

Counselling appointments may be arranged during sessions and recesses between 9 am and 7 pm. Phone 6630351, extension 3681, 3685 and 2696, or call at the Unit which is located at the foot of Basser Steps. Urgent interviews are possible on a walk-in basis between 9 am and 5 pm. Group counselling programs are offered both day and evening between 9 am and 9 pm by special arrangement. Self-help programs are arranged to suit the student's time and convenience.

Student Amenities and Recreation

In general the Student Amenities and Recreation Unit 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 Unit provides, for example, a recreational program for students and staff at the Physical Education and Recreation Centre; negotiates with the Public Transport Commission of NSW on student travel concessions and supplies concession forms for bus, rail, ferries and planes; assists students with off-campus housing; makes bookings for use of sports facilities; and, in consultation with the Sports Association, assists various recognized clubs.

The Unit is located in Hut B at the foot of Basser Steps. The various services may be contacted by phone on the following extensions: Recreation Program 3271; Travel 2617; Accommodation 3260; Ground Bookings 2235; Sports Association 2673.

Physical Education and Recreation Centre

The Student Amenities and Recreation Unit provides a recreational program for students and staff at the Physical Education and Recreation Centre. The Centre consists of eight

squash courts and a main building, the latter containing 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, and fitness testing. The Centre is located on the lower campus adjacent to High Street. The Supervisor at PERC may be contacted on extension 3271.

The Sports Association

The Sports Association caters for a variety of competitive sports for both men and women. Membership is compulsory at \$6 per year for all registered students and is open to all members of staff and graduates of the University.

The Sports Association office is situated in Hut G, near the bottom of Basser Steps, and the control of the Sports Association is vested in the General Committee. The Executive Officer of the Sports Association may be contacted on extension 2673.

Student Travel Concessions

The Student Amenities and Recreation Unit arranges distribution of bus, rail and ferry concessions. For the peak period during the week preceding and the first week of Session 1 distribution is at a location to be decided. Students should watch for notices around the campus announcing the distribution centre.

For the rest of the year students seeking authorization for travel concessions, including planes, should enquire at SARU, Hut B, (extension 2617) or the Enquiry Desk, Chancellery, (extension 2251).

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 (Stage 2) and the Squarehouse (Stage 3). Membership of the Union is compulsory at \$45 per year for all registered students and is open to all members of staff and graduates of the University.

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. Exhibitions are held in the John Clark Gallery.

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.

The Students' Union

The Students' Union is run by students and represents them on and off campus. Presidential elections are by popular vote and all students who have completed two years at the University are eligible for election. The full-time President directs the entire administration of the Students' Union and its activities.

Other full-time officers include 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; Director of Overseas Students who deals with specific problems these students may encounter while in Australia.

Membership is compulsory at \$14 per annum for full-time students and \$11 for part-time students.

The activities of the Students' Union include:

1. Infakt: a student-run information referral service. If you want someone to talk to or need help of any kind see the people at Infakt located in the bus at the foot of Basser Steps.
2. A casual employment service.
3. Organization of Orientation Week.
4. Organization of Foundation Day.
5. A nursery/ kindergarten, *The House at Pooh Corner*.
6. Publication of the student paper *Tharunka*.
7. A free legal service run by a qualified lawyer employed by the Students' Union Council.
8. Students' Union Record Shop which sells discount records and tapes.
9. The Nuthouse which deals in bulk and health foods.
10. Secondhand Bookshop for cheap texts.
11. Clubs and societies which receive money from the Students' Union through CASOC (Clubs and Societies on Campus).
12. The sale of electronic calculators and accessories at discount rates.
13. Provision of a bail fund.

* Subject to revision at time of publication.

The Students' Union is affiliated with the Australian Union of Students (AUS) which represents students on the national level.

The Students' Union is located on the second floor, Stage 3, the Union.

Chaplaincy Centre

This service is provided for the benefit of students and staff of various religious and spiritual beliefs. Chaplains are in attendance at the University at regular times. A Chapel is also available for use by all denominations. For further details, turn to page 2.

Other Services and Activities

CASOC All clubs and societies on campus (except sporting clubs) are loosely organized under the umbrella of CASOC, which is a committee of the Students' Union. Some of these clubs are: the Motor Cycle Club; Chess Club; Dramsoc; Opunka; Kite Club and the Jazz Society.

School and Faculty Associations Many schools and faculties have special clubs with interests in particular subject fields. Enquire at your Faculty Office for information.

University Co-operative Bookshop Limited Membership is open to all students, on initial payment of a fee of \$10, refundable when membership is terminated. Members receive an annual rebate on purchases of books.

Cashier's Hours The University cashier's office is open from 9.30 am to 1.00 pm and from 2.00 pm to 4.30 pm, Monday to Friday. It is open for additional periods at the beginning of Session 1. Consult notice boards for details.

Australian Armed Forces Enquiries should be directed to: *Royal Australian Navy*: Royal Australian Navy Liaison Officer, Emeritus Professor J.S. Ratcliffe, Commander, RANR (Rtd), International House. Phone extension 3093 or 663 0473.

University of New South Wales Regiment: The Adjutant, Regimental Depot, Day Avenue (just west of Anzac Parade). Phone 663 1212.

Royal Australian Air Force: Undergraduates interested in the RAAF Undergraduate Scheme should contact The Recruiting Officer, Defence Forces Recruiting Centre, 323 Castlereagh Street, Sydney. Phone 212 1011.

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 income from vacation or spare-time work would also be needed.

Students in the following types of university courses are eligible for assistance:

- Undergraduate and graduate bachelor degree courses
- Graduate diplomas
- Approved combined bachelor degree courses
- Master's qualifying courses (one year)

Benefits

The rates of allowance and conditions for eligibility are set out in a booklet obtainable from the Department of Education.

1978 Higher School Certificate candidates and tertiary students receiving an allowance are sent forms in December/January. Other students may obtain forms from the Admissions Section or Student Employment and Scholarships Unit, or from the Regional Director, Department of Education, 323 Castlereagh Street, Sydney, NSW 2000 (phone 218 8800).

Continuing students should submit application 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 1979, otherwise benefits will not be paid for the earlier months of the year.

Scholarships, Cadetships, Prizes

1. Undergraduate Scholarships In addition to finance provided under the Commonwealth Government's Tertiary Education Assistance Scheme there are a number of scholarships, cadetships, prizes and other forms of assistance available to undergraduate students. Details of procedures for application for these awards are contained in the Calendar.

There are also special scholarships not administered by the University, information about which may be obtained from the School office.

Further information and advice regarding scholarships is available from the Student Employment and Scholarships Unit in the Chancellery Building.

2. Graduate Awards An honours degree is generally an essential requirement for gaining one of the many graduate scholarships which are available at the University. Therefore gifted students should not neglect the opportunity to qualify for honours and thus become eligible for an award.

Details of graduate awards are contained in the University Calendar.

Other Financial Assistance

In addition to the Tertiary Education Assistance Scheme financed by the Commonwealth 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 the Students' Union, the University Union and other 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.

In all cases assistance is limited to students with reasonable academic records and whose financial circumstances warrant assistance.

Enquiries about all forms of financial assistance should be made at the office of the Deputy Registrar (Student Services), Room 148E, in the Chancellery.

Financial Assistance to Aboriginal Students

Financial assistance is available to help Aboriginal students from the Australian 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 the 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.

Rules and Procedures

The University, in common with other large organizations, has some agreed ways of doing things in order to operate for the benefit of all members. The rules and procedures listed below will affect you at some time or another. In some cases there are penalties (eg fines or exclusion from examinations) for failure to observe these procedures and therefore they should be read with care.

Admission

Where can I get information about admission?

The Admission Office, located in the Chancellery on the upper campus, provides information for students on admission requirements, undergraduate and graduate courses and enrolment procedures. The Admission Office is open from 9 am to 5 pm Monday to Friday (excluding the lunch hour 1 pm to 2 pm). During enrolment the office is also open for some part of the evening.

The Office provides information about special admission (including mature age entry), 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 lodgment of applications are adhered to. For further details see the sections below on Enrolment and Fees.

Applications for admission to undergraduate courses from students who do not satisfy the requirements for admission (see section on Admission Requirements in the Calendar), from

students seeking admission with advanced standing, or from students who have a record of failure at another university, 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 Admissions Office, 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 Metropolitan Universities Admissions Centre.

How do I qualify for admission?

In order to enter an undergraduate course you must qualify for matriculation to the University, and be selected for admission to the faculty or course you wish to enter. Full details of matriculation and admission requirements are contained in a pamphlet obtainable at the Admissions Office and in the Calendar.

Enrolment

How do I enrol?

All students, except those enrolling in graduate research degrees (see below), must lodge an authorized enrolment form with the Cashier on the day the enrolling officer signs the form or on the day their General Studies electives are approved if their course requires this.

All students, except those enrolling in graduate research degrees and those exempted (see below), should on that day also either pay the required fees or lodge an enrolment voucher or other appropriate authority.

What happens if I am unable to pay fees at the time of enrolment?

If you are unable to pay fees by the due date you may apply in writing to the Deputy Registrar (Student Services) for an extension of time, which may be granted in extenuating circumstances.

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 **Fees** below). Payment may be made through the mail in which case it is important that the student registration number be given accurately.

New Undergraduate Enrolments

Persons who are applying for entry in 1979 must lodge an application for selection with the Metropolitan Universities Admissions Centre, PO Box 7049, GPO, Sydney 2001, by 3 October 1978.

Those who are selected will be required to complete enrolment at a specified appointment time before the start of Session 1. Compulsory fees must be paid on the day of the appointment. In special circumstances, however, and provided class places are still available, students may be allowed to complete enrolment after the prescribed week, subject to the payment of a penalty (see page 15).

Application forms and details of the application procedures may be obtained from the Admissions Office.

Re-enrolment

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 Metropolitan Universities Admissions Centre, PO Box 7049, GPO, Sydney 2001, by 3 October 1978.

Restrictions Upon Re-enrolling

Students enrolled in the first year of any undergraduate course in the University who failed more than half their program in 1978; students who have failed more than once a subject prescribed as part of their course; and students required by the Re-enrolment Committee to show cause should not attempt to re-enrol but should follow the written instructions they will receive from the Registrar.

For the purpose of calculating a student's program, all subjects taken during the year, including repeat subjects, are counted.

Miscellaneous Subject Enrolments

Students may be permitted to enrol for miscellaneous subjects (ie as students not proceeding to a degree or diploma) provided the Head of the School offering the subject considers it will be of benefit and there is accommodation available. Only in exceptional cases will subjects taken in this way count towards a degree or diploma. Students who are under exclusion may not be enrolled in miscellaneous subjects which may be counted towards courses from which they have been excluded.

Students seeking to enrol in miscellaneous subjects should obtain a letter of approval from the Head of the appropriate School or his representative permitting them to enrol in the subject concerned. The letter should be given to the enrolling officer at the time of enrolment.

For details of the locations and hours for enrolment see *Enrolment Procedures 1979*, a free booklet obtainable from your School or Faculty Office or from the Admissions Office.

Final Dates for Completion of Enrolments

No enrolments for courses extending over the whole year or for Session 1 only will be accepted from new students after the end of the second week of Session 1 (16 March 1979) except with the express approval of the Deputy Registrar (Student Services) and the Heads of the Schools concerned; no later year enrolments for courses extending over the whole year or for Session 1 only will be accepted after the end of the fourth week of Session 1 (30 March 1979) 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 (3 August 1979) except with the express approval of the Deputy Registrar (Student Services) and the Heads of Schools concerned.

How do assisted students (eg scholarship holders) enrol?

Scholarship holders or sponsored students who have an enrolment voucher or letter of authority from their sponsor should present it at the time of enrolment. 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.

What special rules apply if I wish to be considered for admission with advanced standing?

If you make application to register as a candidate for any degree or other award granted by the University you may be admitted to the course of study with such standing on the basis of previous attainments as may be determined by the Professorial Board. For complete details regarding 'Admission with Advanced Standing' consult the University Calendar.

Can I transfer from one course to another?

To transfer from one course to another you must apply on an application form obtainable from the Admissions Office by 17 January. If your application is successful you are required to comply with the enrolment procedures for the year/stage of the new course and, unless otherwise instructed, you should present the letter granting transfer to the enrolling officer. If you intend to transfer, you should also inform the enrolling officer of the school in which you were enrolled in 1978.

Can I change my course program?

If you wish to seek approval to substitute one subject for another, or add one or more subjects to your program or discontinue part or all of your program, you must make application to the Registrar through the Head of the School responsible for the course on forms available from School offices or at the Enquiry Desk in the main entrance of the Chancellery. The Registrar will inform you of the decision. Application to enrol in additional subjects must be submitted by 30 March 1979 for Session 1 only and Whole Year subjects and by 17 August 1979 for Session 2 only subjects.

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.

Withdrawal from courses and subjects

Courses

1. Students withdrawing from courses (see also Subjects, below) are required to notify the Registrar in writing.

For details see the Calendar.

Subjects

2. Students are permitted to withdraw from subjects without being regarded as having failed, provided they apply by the dates indicated.

Students enrolled in the University for the first time (in any undergraduate course):

1. for one session subjects, the end of the eighth week of that session (27 April or 14 September)
2. for whole year subjects the end of the second week of Session 2 (3 August)

Students who have been enrolled in the University prior to 1979:

1. for one session subjects, the end of the fourth week of that session (30 March or 17 August)
2. for whole year subjects, the end of the eleventh week of Session 1 (18 May)

How do I enrol after an absence of twelve months or more?

If you have had an approved leave of absence for twelve months or more and wish to resume your course you should follow the instructions about re-enrolling given in the letter granting your leave of absence. If you do not fully understand or have lost these instructions, then you should contact the Admissions Office before November in the year preceding the one in which you wish to resume your course.

If you have not obtained a leave of absence from your course and have not been enrolled in the course over the past twelve months or more, then you should apply for admission to the course through the Metropolitan Universities Admission Centre before October in the year preceding that in which you wish to resume studies.

Are there any 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-enroll and retain valuable class places.

First-year Rule

1. A student enrolled in the first year of any undergraduate course of study in the University as set out in the relevant faculty handbook shall be required to show cause why he/she should be allowed to continue the course if he/she fails more than half the program in which he/she is enrolled. In order that students may calculate half their program, the weighting of subjects in each course is defined in *Schedule A*,* which may be varied from time to time by the Professorial Board.

Repeated-failure Rule

2. A student shall be required to show cause why he/she should be allowed to repeat a subject which that student has failed more than once. *Where the subject is prescribed as part of the student's course he/she shall also be required to show cause why he/she should be allowed to continue that course.*

General Rule

3. A student shall be required to show cause if, in the opinion of the faculty or board of studies his/her academic record is such as to demonstrate the student's lack of fitness to pursue a subject or subjects and/or course or courses.

The Session-unit System

4. (1) A student who infringes the provision of Rules 1. or 2. at the end of Session 1 of any year will not be required to *show cause* at that time but 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 that course.

(2) Such a student will be required to *show cause* at the end of the year, except that a student who has infringed Rule 2. at the end of Session 1, repeats the subject(s) in question in Session 2, and passes it/them, will not be required to *show cause* on account of any such subject.

Exemption from Rules by Faculties

5. (1) A faculty or board of studies examination committee may, in special circumstances, exempt a student from some or all of the provisions of Rules 1. and 2.

(2) Such a student will not be required to *show cause* under such provisions and will be notified accordingly by the Registrar.

'Showing Cause'

6. (1) A student wishing to *show cause* must apply for special permission to re-enrol. Application should be made on the form available from the Examinations and Student Records Section 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 Re-enrolment Committee which shall determine whether the cause shown is adequate to justify the granting of permission to re-enrol.

Appeal

7. (1) Any student who is excluded by the Re-enrolment Committee from a course and/or subject(s) under the provisions of the Rules 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 he 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.

(2) The notification to any student of a decision by the Re-enrolment Committee to exclude him/her from re-enrolling in a course and/or subject(s) shall indicate that the student may appeal against that decision to the Appeal Committee. In lodging such an appeal with the Registrar the student should provide a complete statement of all grounds on which the appeal is based.

*For details of Schedule A see *Restrictions upon Re-enrolling* in the University Calendar.

(3) The Appeal Committee shall determine the appeal after consideration of the student's academic record, his/her application for special permission to re-enrol, and the stated grounds of appeal. In exceptional circumstances, the Appeal Committee may require the student to appear in person.

Exclusion

8. (1) A student who is required to *show cause* under the provisions of Rules **1.** or **3.** and either does not attempt to *show cause* or does not receive special permission to re-enrol from the Re-enrolment Committee (or the Appeal Committee on appeal) shall be excluded from re-enrolling in the subject(s) and course(s) on account of which he was required to *show cause*. Where the subjects failed are prescribed as part of any other course (or courses) he/she shall not be allowed to enrol in any such course.

(2) A student who is required to *show cause* under the provisions of Rule **2.** and either does not attempt to *show cause* or does not receive special permission to re-enrol from the Re-enrolment Committee (or the Appeal Committee on appeal) shall be excluded from re-enrolling in any subject he/she has failed twice. *Where the subject failed is prescribed as part of the student's course he/she shall also be excluded from that course.* Where the subject failed is prescribed as part of any other course (or courses) he/she shall not be allowed to enrol in any such course(s).

(3) A student excluded from a course or courses under the provisions of (1) of (2) may not enrol as a miscellaneous student in subjects which may be counted towards any such course.

Re-admission after Exclusion

9. (1) An excluded student 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 Metropolitan Universities Admission Centre before the closing date for normal applications in the year prior to which re-admission is sought. Such applications will be considered by the Admissions Committee of the relevant Faculty or Board.

(b) An application for re-admission to a subject should be made to the Registrar before 30 November in the year prior to which re-admission is sought. Such applications will be considered by the relevant Head of School.

An application 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 an applicant's capacity to resume studies at the University.

Applications for re-admission to a course or subject that are unsuccessful [see **9.** (2) (a) and (b) respectively] will be reconsidered automatically by the Re-enrolment Committee of the Professorial Board. The decision of the Committee will be final.

10. If students fail a subject at the examinations in any year or session and re-enrol in the same course in the following year or session they must include in their program 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.

How do I apply for admission to degree or diploma?

If your current program will enable you to complete all requirements for a degree or diploma, including industrial training where necessary, you should complete the form **Application for Admission to a Degree** by the dates shown in the *Calendar of Dates* and on the *Notification of Examination Results*. The forms are available from the Enquiry Counter at the Chancellery and will be mailed to all potential graduates.

The completion and submission of the form ensures that:

1. The correct spelling and sequence of names is recorded on the degree certificate. **2.** Any previous academic qualifications are shown in the graduation ceremony program. **3.** All correspondence relating to the ceremony is forwarded to the correct address. **Note:** If notifying change of address after the form has been submitted an additional form *Final Year Students' Graduation: Change of Address* should be submitted.

If you meet all the requirements, the degree or diploma will be conferred without the necessity for further action by you. Students should advise the Registrar, in writing, if they do not wish to have the degree or diploma conferred for any reason, including the decision to proceed to an honours degree. To ensure that the degree is not conferred advice should reach the Registrar no later than 24 July for students completing at the end of Session 1, and 24 February for those completing at the end of Session 2.

Fees

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

Do I have to pay fees for tuition?

No tuition fees are charged.

What other fees and charges are payable?

There are other fees and charges which include those charges raised to finance the expenses incurred in operating student activities such as the University Union, the Students' Union, the Sports Association and the Physical Education and Recreation Centre. Penalties 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 which are lent to students for personal use during attendance in certain subjects. Accommodation charges, costs of subsistence on excursions, field work etc, and for hospital residence (medical students) are payable in appropriate circumstances.

How much is my contribution to student activities and services on campus?

All students (with the exceptions noted 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 one-half of the Student Activities Fees, and the full University Union entrance fee, if applicable.

University Union Entrance Fee, payable on first enrolment \$25

Student Activities Fees

| | |
|---|------|
| University Union, annual subscription | \$45 |
| Sport Association, annual subscription | \$6 |
| Students' Union | |
| Students enrolling in full-time courses, annual subscription | \$14 |
| Students enrolling in part-time courses and miscellaneous subjects, annual subscription | \$11 |
| Miscellaneous annual fee | \$25 |

The fee is used to finance expenses generally of a capital nature relating to student activities and amenities. Funds are allocated to the various student bodies for projects recommended by the Student Affairs Committee and approved by the University Council.

Are fees charged for examinations?

Generally, there are no charges associated with examinations; however two special examination fees are applied:

| | |
|---|------|
| Examinations conducted under special circumstances—for each subject | \$11 |
| Review of examination result—for each subject | \$11 |

What penalties exist for late payment of fees?

The following additional charges will be made in 1979 when fees are paid late:

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

Penalties 1. and 2. or 1. and 3. may accumulate.

Locations and Hours of Cashier

Cashier's Offices are open during the enrolment periods. Details of locations and hours are listed in *Enrolment Procedures 1979*, a free booklet obtainable from your School or Faculty Office or from the Admissions Office.

Who is exempt from payment of fees?

1. Life members of University Union, 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 Students Activities Fees and the University Union entrance fee.

3. 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.

4. 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 in a miscellaneous subject or 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.

5. 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.

6. 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.

7. Graduate students resubmitting a thesis or project only are exempt from all Student Activities Fees.

8. All Student Activities Fees, for one or more sessions may be waived by the Deputy Registrar (Student Services) for graduate students who are given formal permission to pursue their studies at another institution for one or more sessions.

Is exemption from membership possible?

The Registrar is empowered to grant exemption from membership of the Students' Union and the Sports Association to students who have a genuine religious objection to such membership, subject to payment of the prescribed fees to the University.

How much will textbooks and special equipment (if any) cost?

You must allow quite a substantial sum for textbooks. This can vary from \$250 to \$600 per year depending on the course taken. These figures are based on the cost of new books. The Students' Union operates a second-hand bookshop. Information about special equipment costs, accommodation charges and cost of subsistence on excursions, field work, etc. and for hospital residence (medical students) are available from individual schools.

Will I receive any refund if I withdraw from a course?

Yes. The following rules apply:

1. If you withdraw from courses you are required to notify the Registrar in writing.
2. Where 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. After that time only a partial refund will be made. See the Calendar for details.

What happens if I fail to pay the prescribed fees or charges?

If you fail to pay prescribed fees or charges or become otherwise indebted to the University and you fail to make a satisfactory settlement of your indebtedness upon receipt of due notice then you cease to be entitled to the use of University facilities. You will not be permitted to register for a further session, to attend classes or examinations, or be granted any official credentials. In the case of a student enrolled for Session 1 only or for Sessions 1 and 2 this disbarment applies if any portion of fees is outstanding after the end of the eighth week of Session 1 (27 April 1979). 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 (31 August 1979).

In special cases the Registrar may grant exemption from disqualifications referred to in the preceding paragraph upon receipt of a written statement setting out all relevant circumstances.

Can I get an extension of time to pay?

If you apply before the due date and extenuating circumstances exist, an extension of time may be granted. Apply to the Deputy Registrar (Student Services).

Examinations

When are examinations held?

Examinations for Session 2 and for Full Year subjects are held in November/December. Examinations for Session 1 subjects are held during the Midyear Recess. Provisional timetables indicating the dates and times of examinations and notices of the location of examinations are posted on the University notice boards on the campus, including the Western Grounds Area. Final timetables indicating the dates, times, locations and authorized aids are available for students two weeks before the end of each session. You must advise the Examinations Unit (the Chancellery) of any clash in examinations. Details of dates are published in the **Calendar of Dates** (see pages 2-4 for May/June and October/November).

Misreading of the timetable is not an acceptable excuse for failure to attend an examination.

In the assessment of your progress in University courses, 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.

How are examination passes graded?

Passes are graded: High Distinction, Distinction, Credit and Pass. Satisfactory indicates the satisfactory completion of a subject for which graded passes are not available. A Pass Conceded may be granted to a student whose mark in a subject is slightly below the standard required for a pass but whose overall satisfactory performance warrants this concession.

A Terminating Pass may be granted where the mark for the subject is below the required standard. A Terminating Pass will not permit a student to progress further in the subject or to enrol in any other subject for which a pass in the subject is a co-requisite or prerequisite. A student given a Terminating Pass may attempt a deferred examination, if available, to improve his performance but should he fail in such attempt, the Terminating Pass shall stand.

When are examination results available?

Final examination results will be posted to your term address (which can be altered up to 30 November) or to your vacation address (fill in a form obtainable at the Information Desk, Chancellery, also by 30 November). Results are also posted on School notice boards and in the foyer of the Sir John Clancy Auditorium. **No examination results are given by telephone.**

Can examinations results be reviewed?

Examination results may be reviewed for a fee of \$11 a subject, which is refundable in the event of an error being discovered. This review consists mainly of ensuring that all questions attempted have been marked and of checking the total of the marks awarded. Applications for review must be submitted on the appropriate form to the Examinations and Student Records Section together with the necessary fee by the dates printed on the reverse side of *Notification of Results*.

Are allowances made if students are sick before or during an examination?

A student who through serious illness or other cause outside his control is *unable to attend an examination* is required to bring the circumstances (supported by a medical certificate or other evidence) to the notice of the Registrar *not later than seven days after the date of the examination*.

A student who believes that his performance in a subject has been affected by serious illness *during the year* or by other cause outside his control, and who desires these circumstances to be taken into consideration in determining his standing, is required to bring the circumstances (supported by a medical certificate or other evidence) to the notice of the Registrar as soon as the circumstances are known but *not later than seven days after the date of the examination*.

A student who attempts an examination, yet claims that his performance is prejudiced by sickness *on the day of the examination* must notify the Registrar or Examination Supervisor *before, during, or immediately after the examination*, and may be required to submit to medical examination.

When submitting a request for consideration candidates are required to give details of their registration number, address, course, specialization, year or stage, full or part-time and subject number, title and date of the examination affected.

A student suffering from a physical disability which puts him at a disadvantage in written examinations should apply to the Assistant Registrar, Examinations and Student Records Section (Ground Floor, the Chancellery) immediately the disability is known. If necessary, special arrangements will be made to meet the student's requirements.

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.

Compulsory Industrial Training

Examinations including deferred 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 location of the industrial training is known. Special forms for this purpose are available at the Enquiry Desk, the Chancellery.

Arrival at Examinations

Examination rooms will be open to students 25 minutes before the commencement of the examination. Candidates are requested to be in their places at least 15 minutes before the commencement to hear announcements. The examination paper will be available for reading 10 minutes before commencement.

Use of Linguistic Dictionaries

All answers must be in English unless otherwise directed. Foreign students who have the written approval of the Assistant Registrar, Examinations and Student Records Section, may use standard linguistic dictionaries. Dictionaries should be presented for approval, not later than 14 days before the commencement of the examination period.

How are examinations conducted?

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 10 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. No candidate shall be admitted to an examination after 30 minutes from the time of commencement of the examination.
5. No candidate shall be permitted to leave the examination room before the expiry of 30 minutes from the time the examination commences.

6. No candidate shall be re-admitted to the examination room after he has left it unless during the full period of his absence he has been under approved supervision.

7. A candidate shall not by an improper means obtain, or endeavour to obtain, assistance in his work, give, or endeavour to give, assistance to any other candidate, or commit any breach of good order.

8. Smoking is not permitted during the course of examinations.

9. 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.

Abolition of Deferred Examinations

The system of formal deferred examinations administered by the Registrar's Division was abolished from 1 March 1978. Schools and Faculties may carry out whatever additional assessment may be considered appropriate, including assessment or additional assessment on medical or compassionate grounds.

Can I buy copies of previous examination papers?

Yes—for 5^p each from the University Union's Upper Campus Shop in the Commerce Building.

Essays

Should I list my sources?

Students are expected to acknowledge the sources of ideas and expression that they use in submitted work. To provide adequate documentation is not only an indication of academic honesty but also a courtesy enabling the marker to consult your sources with ease. Failure to do so may constitute plagiarism, which is subject to a charge of academic misconduct.

Student Conduct on Campus

Is there a detailed code of rules related to the general conduct of students?

No. The University has not considered it necessary to formulate a detailed code of rules relating to the general conduct of students.

Now that you have become a member of the University you should understand that this involves an undertaking on your part to observe its rules, by-laws and other requirements, and to pay due regard to any instructions conveyed by any officer of the University.

What are the rules related to attendance at classes?

You are expected to be regular and punctual in attendance at all classes in the course or subject in which you 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 you may be excused by the Registrar for non-attendance at classes for a period not more than one month or, on the recommendation of the Dean of the appropriate Faculty, for a longer period. Applications should be addressed to the Registrar and, where applicable, should be accompanied by a medical certificate. If assessment procedures have been missed, this should be stated in the application.

If you attend less than 80 per cent of possible classes, you may be refused final assessment in that subject.

Why is my University and Union card important?

All students enrolled for courses leading to degrees and/or diplomas, except those exempt from fees, are issued with a University and Union membership card. Your card must be carried during attendance at the University and shown on request.

The number appearing on the front of the card above your name is your 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 some inconvenience in completing re-enrolment.

If you lose your card it is important to notify the University Union as soon as possible.

New students will be issued with cards on enrolment.

Why should I inform the University if I change my address?

If you change your address you should notify the Student Records Section of the Registrar's Division as soon as possible. Failure to do this could lead to important correspondence (including examination results) not reaching you. The University cannot accept responsibility if official communications fail to reach students who have not notified their change of address. *Change of Address Advice Forms* are available at Faculty and School offices and at the Enquiry Desk on the Ground Floor of the Chancellery Building.

All communications from the University, including examination results, will be sent to the session address. Change of address advice will be accepted up to 30 November, except for final-year students wishing to change their *Submission of Details Associated with Graduation* form. Changes to this form will be accepted up to a date four weeks before the student's graduation ceremony.

Will the University release information to third parties without my permission?

In general, no. 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 permission of the student except at the discretion of senior officers in circumstances considered of benefit to the student and when it is either impossible or impracticable to gain the student's prior permission. This happens rarely. This policy is considered so important that it often involves officers of the University in very difficult situations, for example, when they must refuse to reveal the address of a student to parents or other relatives.

In spite of the policy, 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.

How are student records kept up to date?

Enrolment details forms will be sent to all students on 28 April and 15 September. It is not necessary to return these forms unless any information recorded thereon is incorrect. Amended forms must be returned to the Examinations and 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 14 days.

Is there any rule related to the ownership of students' work?

Yes. 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 you as part of your courses, or submitted for any award or competition conducted by the University.

Can I get a permit to park on campus?

Only a limited amount of parking is available on campus. Copies of the University's parking rules may be obtained on application to Room 240, Chancellery Building.

Lost Property?

All enquiries concerning lost property should be made to the Superintendent on extension 3580 or to the Lost Property Office at the Union.

Further Information

Where can I get further information concerning courses, admission requirements, scholarships and enrolment procedure?

General

Any student who requires information on the application of these rules or any service which the University offers, may make enquiries in the Chancellery and in case of difficulties should visit the office of the Deputy Registrar (Student Services).

Notices

Official University notices are displayed on the notice boards and students are expected to be acquainted with the notices which concern them. These boards are in the Biological Sciences Building, the Mathews Building, the Chancellery (lower ground floor), Central Lecture Block, Dalton Building (Chemistry), Electrical Engineering Building, Main Building (Physics and Mining Engineering) and in the Western Grounds Area.

Notices are placed on the University notice boards each month detailing forthcoming important dates. Any change to the *Calendar of Dates* is included in these notices.

Appeals

Section 5(c) of Chapter III of the By-laws provides: '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'.

The Calendar

Please consult the Calendar if you want a more detailed account of the information contained in this section.

Vice-Chancellor's Official Welcome to New Students

All students initially enrolling in the University are officially welcomed by the Vice-Chancellor and Principal at the following times:

Full-time Students

In the Faculties of Architecture, Arts, Biological Sciences, Commerce, Law:

Monday 26 February 1979

11 am in the Clancy Auditorium

In the Faculties of Applied Science, Engineering, Medicine, Professional Studies, Science, and the Board of Studies in Science and Mathematics:

Tuesday 27 February 1979

11 am in the Clancy Auditorium

Part-time Students

Tuesday 27 February 1979

6.30 pm in the Clancy Auditorium

Meeting for Parents of New South Wales

Friday 2 March 1979

7.30 pm in the Clancy Auditorium

Faculty of Medicine**Introduction**

The report of the Murray Committee on Australian Universities recommended that a second medical school be established in New South Wales and subsequently, steps were taken to establish the medical school in the University of New South Wales. In 1961, the first students enrolled in the Faculty of Medicine and the first graduates qualified at the end of 1966.

A five-year undergraduate course involving a new curriculum was introduced by the Faculty of Medicine in 1974 which has been offered concurrently with the six year curriculum until 1978 when the last group of students in the old course sat for their final examinations. An outline of the five-year program is contained in this handbook.

This handbook is primarily of concern to undergraduate students in the Faculty of Medicine and aims to provide in convenient form information concerning the Faculty, the requirements for the degrees of Bachelor of Medicine, Bachelor of Surgery, Bachelor of Medical Science and the subject matter of the different courses offered.

An endeavour has been made to provide answers to those problems which students are most likely to encounter. *It is important that each student in the Faculty becomes well acquainted with the information presented here.* If problems remain unanswered enquiries may be referred to the Faculty office, which is situated on the corner of Botany and High Streets.

It is possible that changes may be made affecting the information presented in this handbook, especially concerning subjects offered. Students are advised to frequently consult the notice-boards located in the different Schools and in the foyer of the Wallace Wurth Medical School, as well as the official notice-boards of the University. This will keep students informed of any changes and aware of other pertinent announcements made from time to time.

R. J. Walsh
Dean
Faculty of Medicine

Faculty of Medicine

Calendar of Dates

1979

First and Second Year

| | | |
|---|-------|---|
| Session 1 | ..... | March 5 to May 13 |
| May Recess | ..... | May 14 to May 20 May 21 to June 17 |
| Midyear Recess | ..... | June 18 to July 22 |
| Session 2 | ..... | July 23 to August 26 |
| August Recess | ..... | August 27 to September 2 September 3 to November 4 |
| Annual examinations: 12 November to 6 December 1979 | | |

Third and Fourth Year

| | | |
|-------------------|-------|---------------------------------------|
| Term 1 (10 weeks) | ..... | January 22 to April 1 |
| Term 2 (9 weeks) | ..... | April 9 to May 13 |
| May Recess | ..... | May 14 to May 20 May 21 to June 19 |
| Term 3 (9 weeks) | ..... | June 25 to August 26 |
| Term 4 (10 weeks) | ..... | September 3 to November 11 |

Fifth Year

| | | |
|------------------|-------|--------------------------|
| Term 1 (8 weeks) | ..... | January 22 to March 18 |
| Term 2 (8 weeks) | ..... | March 26 to May 20 |
| Term 3 (8 weeks) | ..... | May 28 to July 22 |
| Term 4 (8 weeks) | ..... | July 30 to September 23 |
| Term 5 (8 weeks) | ..... | October 2 to November 25 |

1980**First and Second Year**

| | | |
|--|-------|---|
| Session 1 | ..... | March 4 to May 12 |
| May Recess | ..... | May 12 to May 19 May 20 to June 16 |
| Session 2 | ..... | July 22 to August 25 |
| August Recess | ..... | August 26 to September 1 September 2 to November 3 |
| Annual examinations: 11 November to 5 December 1980* | | |

Third and Fourth Year

| | | |
|-------------------|-------|---------------------------------------|
| Term 1 (10 weeks) | ..... | January 21 to March 31 |
| Term 2 (9 weeks) | ..... | April 8 to May 12 |
| May Recess | ..... | May 13 to May 19 May 20 to June 16 |
| Term 3 (9 weeks) | ..... | June 24 to August 25 |
| Term 4 (10 weeks) | ..... | September 2 to November 10 |

Fifth Year

| | | |
|------------------|-------|-----------------------------|
| Term 1 (8 weeks) | ..... | January 21 to March 17 |
| Term 2 (8 weeks) | ..... | March 25 to May 19 |
| Term 3 (8 weeks) | ..... | May 27 to July 21 |
| Term 4 (8 weeks) | ..... | July 29 to September 22 |
| Term 5 (8 weeks) | ..... | September 30 to November 24 |

*This period may be varied.

Faculty Information

Who to Contact

If you require advice about enrolment, degree requirements, progression within courses or any other general faculty matters contact one of the following people, located in the Faculty of Medicine Administration Building B28:

Elizabeth Smith, Administrative Assistant, Faculty of Medicine

Desmond O'Rourke, Administrative Officer, Faculty of Medicine

John Robertson, Executive Officer, Faculty of Medicine

Important: As changes may be made to information provided in this handbook, students should frequently consult the noticeboards of the schools and the official noticeboards of the University.

Faculty of Medicine Enrolment Procedures

All students re-enrolling in 1979 should obtain a copy of the free booklet *Enrolment Procedures 1979* available from School Offices and the Admissions Office. This booklet provides detailed information on enrolment procedures and fees, enrolment timetables by Faculty and course, enrolment in miscellaneous subjects, location and hours of Cashiers and late enrolments.

Costs in Addition to Fees

Details of fees have been provided in the **General Information** section of this handbook but in **Medicine** there are additional costs.

As students may not be aware when embarking on their degrees of the incidental costs which occur from time to time during the course, the following is an estimate, based on students' experience, of the expenditure which is likely to be incurred over the full length of the course. The amounts quoted are, of course, subject to some fluctuation and to some individual variation.

| | \$ approx. |
|--|------------|
| Textbooks | 600 |
| Half-skeleton | 70 |
| Five coats | 80 |
| Miscellaneous (papers, pens, kits, diagnostic equipment, laboratory manuals and aids, etc) | 200 |
| Residency | 60 |
| Special travel | 120 |
| | <hr/> |
| | \$1130 |

Two long white coats are required for use in the Schools of Anatomy, Biochemistry and Chemistry.

One pair of 5" dissecting forceps is required for use in the School of Anatomy. The disarticulated half-skeleton may be purchased through the School of Anatomy or by arrangement with students in higher years.

Attendance at and Residence in Hospitals

From second year students attend hospitals and male students must wear short white coats and female students must wear longer white coats while at the hospitals.

There are sections in the later years of the course when students are either required or may elect to live in the hospitals for periods ranging from one night to a term. Accommodation charges at the prevailing rate must be paid directly to the hospitals for all periods of residence.

The Teaching Hospitals

The Prince Henry/Prince of Wales/Eastern Suburbs Hospitals

The Prince Henry and Prince of Wales Hospitals are Principal Teaching Hospitals of the University of New South Wales while the Eastern Suburbs Hospital is a general hospital. They were combined in 1968 to form a single unit providing a total of 1,300 beds.

All departments of medicine and surgery are represented in the Prince Henry/Prince of Wales group including the various specialties, as well as paediatrics and psychiatry, while the Eastern Suburbs Hospital caters mainly for long term and rehabilitation patients. The visiting medical staff numbers 275, salaried medical staff 104, and resident medical staff 497.

The first building on the present Prince of Wales site at Randwick was an asylum for destitute children housed in the Old Stone Building which is classified by the National Trust. The first hospital, the Catherine Hayes Hospital, was opened in 1870. By 1915 the Defence Department had begun to develop it into a general military hospital. It is thought that the hospital was given its present name in 1923. It was used alternatively as a military hospital (during the wars) and a repatriation hospital until 1953 when it was handed over to the Hospitals Commission of N.S.W. for use as a convalescent and orthopaedic annex for the Sydney Hospital. In 1961 the Prince of Wales Hospital was gazetted as a public hospital independent of the Sydney Hospital, and in 1962 was joined with the Prince Henry Hospital.

The Coast Hospital was established in 1881 at Little Bay as an infectious diseases hospital. Not until 1934 was it renamed the Prince Henry Hospital. At this time an extensive building program was begun.

In 1959 the facilities of the Prince Henry Hospital were made available to the University for medical undergraduate teaching. The three hospitals provide a wide range of facilities only a short distance from the University. The Clinical School provides facilities for teaching, audio visual equipment and offices. A library is also available. There is student accommodation at the Prince Henry Hospital and at the Randwick Chest Hospital adjacent to the Prince of Wales Hospital.

The St. George Hospital

In 1894 the foundation stone of the St. George Cottage Hospital was laid. Later known as the St. George District Hospital, it was renamed the St. George Hospital in about 1950. Originally a Teaching Hospital of the University of Sydney (from 1963), St. George has been a Principal Teaching Hospital of the University since 1967.

It is a general medical and surgical hospital of 546 beds which includes departments of obstetrics and gynaecology, psychiatry and paediatrics. Visiting and staff specialists number 104, and resident medical staff 88.

The Clinical School includes teaching facilities, audio visual equipment, and a library. Accommodation is available for students.

The St. Vincent's Hospital

The St. Vincent's Hospital has been run by the Sisters of Charity since it was founded in 1857. It moved to its present site in 1870.

Students of medicine have attended the hospital since 1891 and from 1923 to 1969 the hospital was a Clinical School for the University of Sydney. Since then it has been a Principal Teaching Hospital of the University of New South Wales. The Clinical School and a student hostel were built in 1964. At present the Clinical School contains teaching facilities, audio visual equipment, common rooms and library.

The St. Vincent's Hospital is a general medical and surgical hospital of 638 beds with specialist units in all branches of medicine including psychiatry. The visiting medical staff numbers 108, the salaried 29, and resident medical officers 167.

The Royal Hospital for Women

The Royal Hospital for Women is the University's Teaching Hospital in obstetrics and gynaecology. It is a specialist hospital for obstetrics and gynaecology and includes a department of neonatal paediatrics. The visiting medical staff numbers 47, the salaried medical staff 7, and the resident medical staff 13.

The hospital of 226 beds is owned and operated by the Benevolent Society of NSW, which established Australia's first lying-in hospital in 1820. The present site was occupied in 1902.

The first baby clinic, the forerunner of today's Baby Health Centres, was established in 1906. The State's first Antenatal Clinic was started in 1912 and this was the third such clinic in the world. In 1931 the first Achheim Zondeck Pregnancy Test was performed in Australia at the Royal Hospital for Women, and Australia's first Cancer Detection Clinic was established in 1948. Currently the Department of Ultrasound at this Hospital leads the world in research and development of this equipment for use in obstetrics.

The Bankstown Hospital

The Bankstown Hospital is a 348 bed general and maternity hospital situated 16 miles from the centre of Sydney and is an Associated Teaching Hospital of the University.

An out-patient clinic and minor casualty centre with limited X-ray facilities were operated in Bankstown shopping centre from 1940 to 1957 which was staffed by local general practitioners on a sessional basis.

In 1940, the first sketch plans for a 100 bed district hospital were completed, but the present hospital was not officially opened until September 1957. The salaried medical staff numbers 6, the visiting 98, and the resident medical staff 39. Facilities include a library and accommodation for students.

The Canterbury Hospital

The Canterbury Hospital is an Associated Teaching Hospital of the University of New South Wales. It is a general medical, surgical and obstetric hospital of 220 beds, including paediatric facilities. It was officially opened in 1929 and the first patients admitted to the then 28 bed hospital.

In the early days the honorary medical staff of the hospital consisted of local general practitioners, later honorary consultants were appointed and now a specialist is in charge of each medical department.

Visiting medical staff totals 71, salaried 6 and resident medical staff 19.

Lewisham Hospital

Lewisham Hospital is a general medical and surgical hospital of 246 beds and is owned and managed by the Sisters of the Little Company of Mary, perhaps better known as the Blue Sisters. It has large departments of medicine, surgery and orthopaedics; there is no obstetrics, paediatrics or open heart surgery. The Sisters

have also provided at Lewisham the only Institute of Sports Medicine in Australia.

Visiting medical staff numbers 49, salaried 8 and resident medical staff 14.

The hospital was founded in 1887 by a group of Sisters some eighteen months after their arrival from Nottingham, England. It was the fifth major general hospital to be built in this city and consequently has served the people of Sydney and this State for a long time.

Lewisham Hospital became an Associated Teaching Hospital of the University in 1964.

The Royal South Sydney Hospital

The Royal South Sydney Hospital is an Associated Teaching Hospital of the University with 128 beds. It provides beds for general medicine and surgery and some specialties.

The Hospital is situated in a heavily industrialized area, serving a resident population of 77,000 and a daily influx of 75,000 workers. Management of casualties suffering from industrial injuries is one of the main features of the workload of the Casualty Department. It has recently accepted the new role of establishing a Regional Rehabilitation Service for the Southern Metropolitan Region of the Health Commission.

The honorary and visiting medical staff numbers 49, salaried specialists 3, and resident medical staff 11.

The Sutherland Hospital (Caringbah)

The Sutherland Hospital (Caringbah) is an Associated Teaching Hospital of the University. It was opened as The Sutherland Shire District Hospital in 1958 with 250 beds. The name has been changed several times until it received its present name in December 1970.

It is a general medical, surgical and obstetric hospital of 368 beds with paediatric facilities. Visiting medical staff totals 99, salaried specialist staff 10, and resident medical staff 30. Facilities include a library and accommodation for students.

The Rozelle Hospital

In 1976 Callan Park Hospital and the adjoining Broughton Hall Psychiatric Centre were amalgamated and the complex renamed 'The Rozelle Hospital'. It is an establishment of the Regional Health Commission.

While Rozelle Hospital is not an Associated Teaching Hospital of the University, its special facilities are used by both New South Wales and Sydney Universities and include the following services: five admission wards of about 30 beds each; a psychogeriatric admission

service; an out-patient service and a day hospital; a small mental retardation unit; a forensic unit which houses people who have committed criminal offences against a background of mental illness; a large repatriation service and an active rehabilitation service covering 4 wards and a total of some 150 patients.

Accommodation is available for students.

The War Memorial Hospital (Waverley)

The Methodist War Memorial Hospital (Waverley) is a general medical and surgical hospital of 140 beds, including 11 maternity beds.

Although it is not an Associated Teaching Hospital it provides facilities to the University.

The Biomedical Library

The Biomedical Library provides library services for the Faculties of Medicine and Biological Sciences and for the Schools of Health Administration, Food Technology and Wool and Pastoral Sciences. It maintains close liaison with libraries of teaching hospitals of the University.

The Biomedical Library is located on levels 2 and 3 of the Mathews Building Annexe and hours of opening are shown on noticeboards in the library.

Medical students generally use the Biomedical Library during Session 2 of the first year of their course and in subsequent years. During Session 1 of the first year of the medical course students use the Undergraduate Library.

Professional staff are available at all times in the Biomedical Library to assist readers.

Student Clubs and Societies

Students have the opportunity of joining a wide range of clubs and societies. Many of these are affiliated with the Students' Union. There are numerous religious, social and cultural clubs and also many sporting clubs which are affiliated with the Sports Association.

Clubs and societies seeking to use the name of the University in their title, or seeking University recognition, must submit their constitutions either to the Students' Union or the Sports Association if they wish to be affiliated with either of these bodies, or to the Registrar for approval by the University Council.

The University of New South Wales Medical Society

The aim of the Medical Society is to be the representative body of the medical students of the University. Its primary function is to provide amenities and social stimulation and so contribute to giving the student a sense of belonging to the faculty. It also has the function of initiating and maintaining communication between medical students and medical educators and administrators both within the University and outside.

The official committee representing the society consists of: a president, two vice-presidents, a secretary, a treasurer, a shop director and year representatives. This committee is re-elected annually.

Among the social functions held annually are the staff-student wine-and-cheese nights, the year dinners, and for the sake of 1st year students, the orientation workshop.

The *medsoc shop* is a major facility provided by the Society. White coats, instruments and T-shirts may be bought cheaply. The shop is situated on the first floor of the Northern Wing of the Old Stone Building at the Prince of Wales Hospital.

Other amenities include the publication of a quarterly magazine, *Rami Communicantes*, to which students are asked to contribute by way of articles and letters to the editor. An annual magazine, *Nungari* is also produced; the submission of written articles of a more substantial nature is welcome.

The Society has student representatives who attend the meetings of the Australian Medical Association, the Royal Australian College of General Practitioners, the Australasian Medical Students Association, the Australian and New Zealand Association for Medical Education, the Students' Union and the Faculty of Medicine. The Society also has representatives on many of the Medical Faculty's academic committees, although students need not be members of the Society to sit on a committee.

All enquiries about the Society should be addressed to the Secretary of the Medical Society, c/- the School of Anatomy, 1st Floor, Wallace Wurth School of Medicine, UNSW.

Undergraduate Study

3800 Medical Course (MB BS)

Until 1974 the medical course extended over six years of full-time study, but in 1974 the Medical Faculty introduced an entirely reorganized course extending over five years. It was developed in response to a world-wide pattern of change in medical education; other factors include the additional year of secondary school education, the high level of academic achievement necessary to gain entrance to the Faculty, and recognition of the growing period of graduate education necessary to enter any field of major clinical responsibility. Changes made to the course are substantial, and include integration of all parts of the course with detailed specification of course objectives. Clinical experience begins in the first year of the medical course, indicating the relevance of all parts of the educational program. The last group of students to undertake the six-year course sat for their final examinations at the end of 1978.

The five year medical course leads to the degrees of Bachelor of Medicine (MB) and Bachelor of Surgery (BS) which have been recognized in 1975 by the General Medical Council of the UK. These degrees may be awarded in the following grades: Honours Class I; Honours Class II, Division I; Honours Class II, Division II, or Pass level.

Undergraduate Course

The course extends over five years of full-time study leading to the degrees of Bachelor of Medicine and

Bachelor of Surgery (MB BS). The general goal of the course is to produce a graduate who is competent to undertake the care of patients (under supervision) at the level of a provisionally registered medical officer, and who is adequately prepared at the time of full registration to undertake further education and training in any field of medicine.

Owing to the number of students who seek enrolment each year in medical courses in relation to facilities available, admission to the medical course is competitive.

In the first three years of the course, in addition to medical subjects, students complete certain subjects in the humanities and social sciences, in conformity with the University's policy that science based faculties should include instruction in subjects of a general educational character.

The following broad outline has been prepared to give students who enrol an indication of their program.

First Year

Year 1 includes Introductory Medical Science, which covers integrated teaching in the components Physics I (Medicine), Chemistry for Medical Students and Cellular Biology. This leads into Human Structure and Function I, an integrated subject consisting of anatomy, biochemistry and physiology. Introductory Clinical Studies commences in Session 1 and continues throughout the year and Human Behaviour I is taught in Session 2.

Allocation to Hospitals in Second Year

At the end of Year 1, students are asked to list their preferences regarding assignment to teaching hospitals.

This, together with the student's term address, and academic record, is taken into account in the final allocation which is made after the Year 1 examinations. Student representatives are involved in the allocation procedure.

Second Year

This year is conducted in two academic sessions, the principal component of which is an integrated course, Human Structure and Function, embracing anatomy, biochemistry and physiology. The objective is to give students a broad knowledge and understanding of human structure and function based on scientific principles, relevant to further study in medicine. During this year in Clinical Studies II, students make contact with patients and the physical aspects of disease, in order that they may apply their knowledge and understanding to the clinical situation. The strand dealing with human behaviour is continued.

Third Year

The principal subject in Year 3 is Paraclinical Science, integrating general pathology, microbiology, immunology and pharmacology. The strand dealing with human behaviour leads into the third year subject Community Medicine. Clinical Studies III continues the program commenced in Year 1 and students build upon their experience of the physical aspects of disordered function in a systematic study of the signs and symptoms of disease. In addition, studies continue to reinforce the scientific basis of medicine. By the end of Year 3, the student has spent sufficient time in the hospital environment to know how a hospital functions. He should be able to communicate with patients and understand their problems, take a clinical history, conduct a physical examination, and detect abnormalities. Year 3 is conducted over four terms totalling thirty-eight weeks.

Fourth Year

Year 4 of the course is largely based in the teaching hospitals and is composed of four terms totalling thirty-eight weeks. The subject Integrated Clinical Studies consists largely of medicine, surgery and pathology with components of community medicine and pharmacology. Where possible the emphasis is to teach this subject in an integrated manner. Each main teaching hospital is responsible for the implementation of its own program through a hospital committee appointed by the respective Boards of Medical Studies.

The aim of the year is to enable the student to acquire the competence to function as a general medical or surgical intern. It is designed to provide a broad experience in clinical care including continuing care with follow-up in the community. In each week, it is

suggested that at least half the student's time should be spent in clinical clerking with a further structured component of two and one half hours of formal pathology. The remainder of the program consists of interdisciplinary seminars involving all of the clinical disciplines. On completion of this, students are assessed by an integrated examination conducted on a Faculty basis which is designed to confirm the student's clinical competence. The examination supplements continuous assessments made during the year and represents a barrier assessment for determining the student's progression into the 5th year of the course.

Fifth Year

Year 5 is comprised of five terms, each of eight weeks. In terms 5.1 to 5.4 students rotate through blocks of teaching in obstetrics and gynaecology, paediatrics and psychiatry and undertake a term in medicine and surgery, rather than studying the subjects concomitantly. For this purpose students are allocated to a particular group — Group A, B, C or D — and follow the program of that group for the first four terms. The work of each term is examined during or towards the end of each term.

Term 5.5 is an elective term but may be a prescribed program in the case of a student who has failed to satisfy the examiners in one of terms 5.1 to 5.4.

Students may be required to undertake a terminal assessment at the conclusion of term 5.5 (80.105). This is not prejudiced by the fact that a student may have been permitted to progress from term to term in Year 5.

At the completion of term 5.5 students will have spent at least one week or its equivalent in general practice during the five-year course.

Sequence of Blocks

| Group | A | B | C | D |
|----------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Term 5.1 | Medicine/ Surgery | Paediatrics | Psychiatry | Obstetrics & Gynaecology |
| Term 5.2 | Paediatrics | Psychiatry | Obstetrics & Gynaecology | Medicine/ Surgery |
| Term 5.3 | Psychiatry | Obstetrics & Gynaecology | Medicine/ Surgery | Paediatrics |
| Term 5.4 | Obstetrics & Gynaecology | Medicine/ Surgery | Paediatrics | Psychiatry |
| Term 5.5 | Elective | Elective | Elective | Elective |

Medicine

Year 1

| | | Hours per week | |
|--------|---------------------------------|------------------------------------|----|
| | | S1 | S2 |
| 1.941 | Physics I | Introductory Medical Science | 4 |
| | (Medicine) | | |
| 2.011 | Chemistry for | | |
| | Medical Students** | | |
| 80.201 | Cellular Biology | 6 | 0 |
| 80.011 | Introductory Clinical Studies I | 3 | 2 |
| | General Studies Electives | 3 | 3 |
| 80.111 | Human Structure and Function I | 0 | 18 |
| 80.211 | Human Behaviour I | 0 | 3 |
| | | 24 | 26 |

**From 1980 onwards the prerequisite for this subject is two-unit Science (Chemistry) at grades 1, 2 or 3, or four-unit Science (Multi-strand) at grades 1, 2 or 3.

Year 2

| | | Hours per week | |
|--------|---------------------------------|----------------|-----|
| | | S1 | S2 |
| 80.112 | Human Structure and Function II | 19 | 19 |
| 80.012 | Clinical Studies II | 2 | 2 |
| 80.212 | Human Behaviour II | 3 | 3 |
| | General Studies Elective | 1½ | 1½ |
| | | 25½ | 25½ |

Year 3

| | | Hours per term | | | |
|--------|--------------------------|---------------------------------|---------------------|---------------------|----------------------|
| | | Term 1 (10 weeks) | Term 2 (9 weeks) | Term 3 (9 weeks) | Term 4 (10 weeks) |
| 79.112 | Community Medicine | 18 | 20 | 36 | 0 |
| 80.013 | Clinical Studies III | 67 | 65 | 59 | 80 |
| 80.311 | Paraclinical Science | 107 | 135 | 123 | 94 |
| 80.321 | Medical Science | 10 | 10 | 18 | 20 |
| | General Studies Elective | 42 hours spread over four terms | | | |

Year 4

| | | Term 1 (10 weeks) | Term 2 (9 weeks) | Term 3 (9 weeks) | Term 4 (10 weeks) |
|--------|---|----------------------|---------------------|---------------------|----------------------|
| 80.400 | Integrated Clinical Studies (Includes tutorials, laboratory work and, where applicable, tutorial time in wards, clinics and clinical attachments.) | | | | |

Year 5

| | | Term 1 (8 weeks) | Term 2 (8 weeks) | Term 3 (8 weeks) | Term 4 (8 weeks) | Term 5 (8 weeks) |
|--------|-----------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 75.101 | Obstetrics and Gynaecology | | | | | |
| 76.101 | Paediatrics | | | | | |
| 77.101 | Psychiatry | | | | | |
| 80.500 | Elective | | | | | |
| 80.501 | Medicine/Surgery | | | | | |
| 80.105 | Final Clinical Examinations | | | | | |

Undergraduate Study

3830

Bachelor of Medical Science

A one-year program leading to the award of the degree of BMedSc is offered to students in the medical course who have achieved a high standard in their studies. In general the aims of the year, normally spent in supervised research, are to enable the student to acquire an appreciation of the value of observation and experimentation in the development of medical science, and to learn how to determine the 'current state of knowledge' in a defined field. This year enables the student to gain experience in the written and spoken presentation of scientific information.

macology, Physiology, Psychology, or in any other subject approved by the BMedSc Committee, provided that the candidate's performance in the subject area shall have been of a high standard.

(c) A student may register as a candidate for the degree in any of the Schools of the Faculty of Medicine, the School of Biochemistry, the School of Microbiology, or the School of Psychology, subject to the permission of the Head of the School concerned and the BMedSc Committee.

2. (a) Medical graduates may enrol for the degree of BMedSc in any subject approved by the BMedSc Committee provided that their performance in the subject area shall have been of a high standard.

(b) A graduate may register as a candidate for the degree in any of the Schools of the Faculty of Medicine, the School of Biochemistry, the School of Microbiology or the School of Psychology, subject to the permission of the Head of School concerned and the BMedSc Committee.

Rules for the Award of the Bachelor of Medical Science Degree

1. (a) Undergraduates who have successfully completed the first two years of the medical course may enrol for the degree of BMedSc in one of the following subjects: Anatomy, Biochemistry, Physiology, Psychology or in any other subject approved by the BMedSc Committee, provided that the candidate's performance in the subject area shall have been of a high standard.

(b) Undergraduates who have successfully completed the first three years of the medical course may enrol for the degree of BMedSc in one of the following subjects: Anatomy, Biochemistry, Microbiology, Pathology, Phar-

3. The program for each candidate shall be designed to introduce the student to research in the appropriate discipline and shall consist of such formal and special work and such examinations as prescribed by the Head of School concerned and approved by the BMedSc Committee.

4. The duration of the course shall be 2 sessions.

5. The award upon completion of the course shall be the pass degree of Bachelor of Medical Science; if the performance of the student has been unsatisfactory, no award shall be made.

Undergraduate Study

**3820
Combined Science and
Medical Course
(BSc MB BS)**

1979 may see the introduction of an alternative course of study, whereby, over a six-year program, a student may complete the degree of Bachelor of Science, with the Bachelor degrees of Medicine and Surgery.

A limited number of places are available in this program, and these will be open only to students who have been accepted for entry into the Faculty of Medicine.

The student will undertake a three-year approved course of study leading to the award of the degree of BSc, and on completion, will enter the third year of the normal medical course.

The Conditions for the Award of the BSc will be the same as those laid down by the Board of Studies in Science and Mathematics (see **Sciences Handbook**), and the student will be offered the choice of a number of programs, leading to a major or joint major, in one or two of the subjects Anatomy, Biochemistry and Physiology. A Psychology major is also a possibility. Students who wish to undertake this program should contact the Faculty Office.

Graduate Study

Faculty of Medicine Graduate Enrolment Procedures

All students enrolling in graduate courses should obtain a copy of the free booklet *Enrolment Procedures 1979* available from School Offices and the Admissions Office. This booklet provides detailed information on enrolment procedures and fees, enrolment timetables by Faculty and course, enrolment in miscellaneous subjects, locations and hours of Cashiers and late enrolments.

Graduate Courses

At the graduate level, study for the degrees of Doctor of Medicine (MD) and Master of Surgery (MS) may be undertaken; in addition the degrees of Doctor of Philosophy (PhD) and Master of Science (MSc) are also offered.

Full details of the conditions of the award of these degrees are shown in this handbook under **Conditions for the Award of Higher Degrees**.

Graduate Study

Conditions for the Award of Higher Degrees

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)** in the Calendar.

Higher Degrees

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 are published.

For the list of graduate degrees by research and course work, arranged in faculty order, see **Disciplines of the University: Faculty Table (Graduate Study)** 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 the Calendar.

Higher Degrees

| Title | Abbreviation | Calendar/Handbook |
|---|--------------|-------------------------------|
| Doctor of Science | DSc | Calendar |
| Doctor of Letters | DLitt | Calendar |
| Doctor of Laws | LLD | Calendar |
| Doctor of Medicine in the Faculty of Medicine | MD | Calendar Medicine |
| Doctor of Philosophy | PhD | Calendar and all faculties |
| Master of Applied Science | MAppSc | Applied Science |
| Master of Architecture | MArch | Architecture |

| Title | Abbreviation | Calendar/Handbook |
|---|----------------|--|
| Master of Arts | MA(Hons) | Arts Military Studies |
| | MA | Arts Military Studies |
| Master of Biomedical Engineering | MBiomedE | Engineering |
| Master of Building | MBuild | Architecture |
| Master of Business Administration | MBA | AGSM |
| Master of Chemistry | MChem | Sciences* |
| Master of Commerce (Honours) | MCom(Hons) | Commerce |
| Master of Commerce | MCom | Commerce |
| Master of Counselling (Education) | MCouns(Ed) | Professional Studies |
| Master of Education | MEd | Professional Studies |
| Master of Educational Administration | MEdAdmin | Professional Studies |
| Master of Engineering | ME | Applied Science Engineering Military Studies |
| Master of Engineering without Supervision | | |
| 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 Physics | MPhysics | Sciences* |
| Master of Psychology | MPsychol | Sciences‡ |
| Master of Public Administration | MPA | AGSM |
| Master of Science | MSc | Applied Science Architecture Engineering Medicine Military Studies Sciences*‡ |
| Master of Science without Supervision | | |
| 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 |

| Title | Abbreviation | Calendar/Handbook |
|---|--------------|-------------------|
| Master of Statistics | MStats | Sciences* |
| Master of Surgery | MS | Medicine |
| Master of Surveying | MSurv | Engineering |
| Master of Surveying without Supervision | | |
| Master of Surveying Science | MSurvSc | Engineering |
| Master of Town Planning | MTP | Architecture |

Graduate Diplomas

| | | |
|---|-----------------------------------|--|
| Graduate Diploma | GradDip | Applied Science Architecture Engineering Sciences*‡ |
| Graduate Diploma in the Faculty of Professional Studies | DipArchivAdmin DipEd DipLib | Professional Studies |

*Faculty of Science.

‡Faculty of Biological Sciences.

Doctor of Medicine (MD) in the Faculty of Medicine

1. The degree of Doctor of Medicine may be granted by the Council on the recommendation of the Professorial Board for an original and meritorious contribution to some branch of medicine.

Qualifications

2. A candidate before being eligible 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 of Bachelor of Science (Medicine) from the University of New South Wales with at least five years' standing in respect of the degree of Bachelor of Medicine and Bachelor of Surgery; or

(3) if he holds 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, submit for the approval of the Faculty of Medicine (hereinafter referred to as 'the Faculty'), such other evidence in support of his candidature as may be approved by the Faculty; or

(4) hold the degrees of Bachelor of Medicine and Bachelor of Surgery with honours of 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 his candidature as may be approved by the Faculty of Medicine on the recommendation of the Faculty Higher Degree Committee.

3. Notwithstanding any other provisions of these conditions the Faculty may require an applicant to demonstrate fitness for candidature by carrying out such work and sitting for such examinations as the Faculty may determine.

4. A candidate may be awarded the degree on the basis of a thesis or on the basis of his published work.*

5. Candidates, other than those who hold the degrees of MB BS of the University of New South Wales shall work under such supervision as the Faculty Higher Degree Committee may determine.

6. The progress of supervised candidates shall be reviewed annually by the Faculty Higher Degree Committee. As a result of such review, and the recommendation of the Head of School or Department in which the candidate is registered, the Committee may terminate the candidature or take such other action as is considered appropriate.

7. Where a candidate elects to proceed to the degree by thesis he shall lodge an application with the Registrar on the prescribed form.

Thesis

8. The thesis shall comply with the following requirements:

(1) if a candidate 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 Faculty may permit candidates to conduct their 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 Faculty on the recommendation of the Higher Degree Committee;

(2) it must be an original and meritorious contribution to knowledge of the subject;

(3) it must be written in English and reach a satisfactory standard of expression and presentation;

(4) it must consist of the candidate's own account of his research. In special cases work done conjointly with other persons may be accepted provided the Faculty is satisfied on the candidate's part in the joint research.

9. A candidate may not submit as the main content of his thesis any work or material which he has previously submitted for a university degree or other similar award.

10. 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 he has published whether or not such work is related to the thesis.

11. 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.

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.

*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.

13. Candidates for the degree, other than graduates of the University of New South Wales, shall present themselves for examination not later than ten academic sessions from the date of their registration. In special cases an extension of time may be granted by the Faculty Higher Degree Committee.

14. There shall normally be three examiners of the thesis, appointed by the Professorial Board on the recommendation of the Faculty, at least two of whom shall be external examiners.

15. After the examiners have read the thesis they may:

- (1) recommend the award of the degree;
- (2) request additional work on the thesis before proceeding with the examination;
- (3) arrange for the candidate to be examined orally or in writing on the subject of the thesis, published work or subjects relevant thereto;
- (4) recommend that the candidate be not awarded the degree of Doctor of Medicine.

16. At the conclusion of the examination, the examiners shall submit to the Faculty a concise report on the merits of the thesis and their recommendations.

Published Work

17. Where a candidate elects to proceed to the degree on the basis of published work he shall forward to the Registrar an application on the prescribed form. With such application the candidate shall forward:

- (1) four copies (wherever possible) of his published work.
- (2) a statutory declaration indicating those sections of the work, if any, which have been submitted previously for a degree or diploma in any university.

18. Every candidate in submitting his published work and such unpublished work as he deems appropriate shall submit a short discourse describing the research activities embodied in his submission. The discourse shall make clear the extent of 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 Faculty, at least two of whom shall be external examiners. The examiners may require the candidate to answer orally or in writing any questions concerning his work.

20. At the conclusion of the examination the examiners shall submit a concise report to the Faculty on the merits of the published work and their recommendation.

Fees

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

**Doctor of
Philosophy (PhD)**

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:

Qualifications

2. A candidate for registration for the degree of Doctor of Philosophy shall:

- (1) hold an honours degree from the University of New South Wales; or
- (2) hold an honours degree of equivalent standing from another approved university; or
- (3) if he 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 appropriate Faculty or Board of Studies 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 Faculty or Board of Studies.

3. When the Faculty or Board of Studies is not satisfied with the qualifications submitted by a candidate, the Faculty or Board of Studies may require him, before he is permitted to register, to undergo such examination or carry out such work as the Faculty or Board of Studies may prescribe.

4. A candidate for registration for a course of study leading to the degree of Doctor of Philosophy shall:

Registration

(1) apply to the Registrar on the prescribed form at least one calendar month before the commencement of the session in which he desires to register; and

(2) submit with his application a certificate from the head of the University school in which he proposes to study stating that the candidate is a fit person to undertake a course of study and research leading to the degree of Doctor of Philosophy and that the school is willing to undertake the responsibility of supervising the work of the candidate and of reporting to the Faculty or Board of Studies at the end of the course on the merits of the candidate's performance in the prescribed course.

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 his degree, who before registration was engaged upon research to the satisfaction of the Faculty or Board of Studies, may be exempted from not more than two academic sessions;

(2) in special circumstances the Faculty or Board of Studies may grant permission for the candidate to spend not more than one calendar year of his program in advanced study and research at another institution provided that his work can be supervised in a manner satisfactory to the Faculty or Board of Studies;

(3) In exceptional cases, the Professorial Board on the recommendation of the Faculty or Board of Studies 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 himself for examination not later than ten academic sessions from the date of his registration. A candidate not fully engaged in research shall present himself for examination not later than twelve academic sessions from the date of his registration. In special cases an extension of these times may be granted by the Faculty or Board of Studies.

7. The candidate shall be required to devote his whole time to advanced study and research, save that:

(1) the Faculty or Board of Studies may permit a candidate on application to undertake a limited amount of University teaching or outside work which in its judgement 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 Faculty or Board of Studies shall prescribe a minimum period for the duration of the program;

(3) in special circumstances, the Faculty or Board of Studies 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 his program in a school of the University. In such a case the Faculty or Board of Studies shall prescribe for the duration of his program a minimum period which, in its opinion, having regard to the proportion of his time which he 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 his program under the direction of a supervisor appointed by the Faculty or Board of Studies 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 Faculty or Board of Studies may permit candidates to conduct their work at other places where special facilities not possessed by the University may be available. Such permission will be granted only if the direction of the work remains wholly under the control of the supervisor.

9. Not later than two academic sessions after registration the candidate shall submit the topic of his research for approval by the Faculty or Board of Studies. After the topic has been approved it may not be changed except with the permission of the Faculty or Board of Studies.

10. A candidate may be required by the Faculty or Board of Studies to attend a formal course of study appropriate to his work.

Thesis

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

(1) the greater proportion of the work described must have been completed subsequent to registration for the PhD degree;

(2) it must be an original and significant contribution to the knowledge of the subject;

(3) it must be written in English except that a candidate in the Faculty of Arts may be required by the Faculty on the recommendation of the supervisor to write the thesis in an appropriate foreign language;

(4) it must reach a satisfactory standard of expression and presentation.

12. The thesis must present the candidate's own account of his research. In special cases work done conjointly with other persons may be accepted, provided the Faculty or Board of Studies is satisfied on the candidate's part in the joint research.

13. Every candidate shall be required to submit with his 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 his thesis any work or material which he has previously submitted for a university degree or other similar award.

Entry for Examination

15. The candidate shall give in writing two months' notice of his intention to submit his thesis and such notice shall be accompanied by the appropriate fee.

16. Four copies of the thesis shall be submitted together with a certificate from the supervisor that the candidate has completed the course of study prescribed in his case. The 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 he has published whether or not such work is related to the thesis.

*See Conditions for the Award of Degrees in the Calendar.

17. It shall be understood that the University retains the four copies of the thesis submitted for examination, and is free to allow the thesis to be consulted or borrowed. Subject to the provisions of the Copyright Act, 1968, the University may issue the thesis in whole or in part, in photostat or microfilm or other copying medium.

18. There shall normally be three examiners of the thesis, appointed by the Professorial Board on the recommendation of the Faculty or Board of Studies, at least one of whom shall be an external examiner.

19. After examining the thesis the examiners may:

- (1) decide that the thesis reaches a satisfactory standard; or
- (2) recommend that the candidate be required to re-submit his thesis in revised form after a further period of study and/or research; or
- (3) recommend without further test that the candidate be not awarded the degree of Doctor of Philosophy.

20. If the thesis reaches the required standard, the examiners shall arrange for the candidate to be examined orally and, at their discretion, by written papers and/or practical examinations on the subject of the thesis and/or subjects relevant thereto, save that on the recommendation of the examiners the Faculty or Board of Studies may dispense with the oral examination.

21. If the thesis is of satisfactory standard but the candidate fails to satisfy the examiners at the oral or other examinations, the examiners may recommend the University to permit the candidate to represent the same thesis and submit to a further oral, practical or written examination within a period specified by them but not exceeding eighteen months.

22. At the conclusion of the examination, the examiners will submit to the Faculty or Board of Studies a concise report on the merits of the thesis and on the examination results, and the Faculty or Board of Studies shall recommend whether or not the candidate may be admitted to the degree.

23. A candidate shall be required to pay such fees as may be determined from time to time by the council.

1. The degree of Master of Science may be awarded by the Council on the recommendation of the Higher Degree Committee of the appropriate Faculty or Board of Studies (hereinafter referred to as the Committee) to a candidate who has demonstrated ability to undertake research by the submission of a thesis embodying the results of an original investigation.

Master of Science (MSc)

2. (1) An applicant for registration for the degree shall have been admitted to the degree of Bachelor in the University of New South Wales, or other approved University in an appropriate School or Department.

Qualifications

(2) In exceptional cases a person may be permitted to register as a candidate for the degree if he submits evidence of such academic and professional attainments as may be approved by the Professorial Board on the recommendation of the appropriate 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.

Registration

3. (1) An application to register as a candidate for the degree of Master of Science shall be made on the prescribed form which shall be lodged with the Registrar at least one full calendar month before the commencement of the session in which the candidate desires to register.

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

(3) An approved applicant shall register in one of the following categories:

- (a) student in full-time attendance at the University;
- (b) student in part-time attendance at the University;
- (c) student working externally to the University.

(4) Every candidate for the degree shall be required to submit three copies of a thesis embodying the results of an original investigation or design, to take such examinations and to perform such other work as may be prescribed by the Committee. This work shall be carried out under the direction of a supervisor appointed by the Committee or under such conditions as the Committee may determine.

(5) At least once a year and at any other time that the Committee sees fit the candidate's supervisor shall present to the Head of School in which the candidate is registered a report on the progress of the candidate. The Committee shall review the report and as a result of its review may cancel registration or take such other action as it considers appropriate.

(6) Unless otherwise recommended by the Committee, no candidate shall be awarded the degree until the lapse of four complete sessions from the date of registration, save that the case of a candidate who obtained the degree of Bachelor with Honours or who has had previous research experience, this period may be reduced by up to two sessions with the approval of the Committee. A candidate who is fully engaged in research for the degree shall present himself for examination not later than six academic sessions from the date of registration. A candidate not fully engaged in research shall present himself for examination not later than twelve academic sessions from the date of his registration. In special cases an extension of these times may be granted by the Committee.

Thesis

4. (1) A candidate for the degree shall be required to submit three copies of the thesis referred to in paragraph **3.** (4) which 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 submit also for examination any work he has published whether or not such work is related to the thesis.

(2) For each candidate there shall be at least two examiners, appointed by the Professorial Board on the recommendation of the Committee, one of whom, if possible shall be external to the University.

(3) It shall be understood that the University retains the three copies of the thesis submitted for examination and is free to allow the thesis to be consulted or borrowed. Subject to the provisions of the Copyright Act, 1968 the University may issue the thesis in whole or in part in photostat or microfilm or other copying medium.

Recommendation for Admission to Degree

5. Having considered the examiners' reports the Committee shall recommend whether or not the candidate should be admitted to the degree.

Fees

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

1. The degree of Master of Surgery may be awarded 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:

Master of Surgery (MS)

(1) Shall produce evidence acceptable to the Committee that he has had a broad postgraduate training in the principles and practice of surgery and that this has been gained over a period of at least three years' full-time engagement in the subject under conditions approved by the Committee. This requirement need not be completed prior to registration as a candidate.

(2) Shall have presented a satisfactory thesis.

(3) *Either* the original work embodied in the thesis, *or* the broad postgraduate training in the principles and practice of surgery shall have been undertaken at the University or at one of the teaching hospitals of the University.

2. (1) An applicant for registration shall have been admitted to the degrees of Bachelor of Medicine and Bachelor of Surgery in the University of New South Wales, or other approved university, not less than three years previously.

Qualifications

(2) In special circumstances a person may be permitted to register as a candidate for the degree if he submits evidence of such academic and professional attainments 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.

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

Registration

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

(3) An approved applicant shall register in one of the following categories:

- (a) student in full-time attendance at the University or one of its teaching hospitals;
- (b) student in part-time attendance at the University or one of its teaching hospitals;
- (c) student working externally to the University.

(4) Every candidate for the degree shall be required to submit a thesis embodying a substantially original contribution to knowledge in some field related to surgery, and may be required to take such examinations and to perform such other work as may be prescribed by the Committee. The work shall be carried out under the direction of a supervisor appointed by the Committee or under such conditions as the Committee may determine.

(5) No candidate shall be considered for the award of the degree less than five years after admission to the degrees of Bachelor of Medicine and Bachelor of Surgery and until the lapse of four complete sessions from the date from which the registration becomes effective, save that in the case of a candidate who has had previous research experience, this period may, with the approval of the Committee be reduced by up to two sessions.

4. (1) A candidate for the degree shall be required to submit four copies of thesis referred to in paragraph 3. (4) which 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 submit also for examination any work he has published whether or not such work is related to the thesis.

Thesis

(2) 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 examiners.

(3) It shall be understood that the University retains the three copies of the thesis submitted for examination and is free to allow the thesis to be consulted or borrowed. Subject to the provisions of the Copyright Act, 1968 the University may issue the thesis in whole or in part in photostat or microfilm or other copying medium.

Recommendation for Admission to Degree

5. Having considered the examiners' reports the Committee shall recommend whether or not the candidate should be admitted to the degree.

Fees

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

Subject Descriptions

Identification of Subjects by Numbers

Each of the subjects taught in the University is identifiable both by number and by name. This is a fail-safe measure at the points of enrolment and examination against a student nominating a subject other than the one intended. Subject numbers are allocated by the Assistant Registrar, Examinations and Student Records, and the system of allocation is:

1. The School or Faculty offering a subject is indicated by the number before the decimal point;
2. If a subject is offered by a Department within a School, the first number after the decimal point identifies that Department;
3. The position of a subject in a sequence is indicated by the third number after the decimal point. For example, 2 would indicate that the subject is the second in a sequence of subjects;
4. Graduate subjects are indicated by the suffix G.

As indicated above, a subject number is required to identify each subject in which a student is to be enrolled and for which a result is to be returned. Where students may take electives within a subject, they should desirably be enrolled initially in the particular elective, and the subject numbers allotted should clearly indicate the elective. Where it is not possible for a student to decide on an elective when enrolling or re-enrolling, and separate examinations are to be held in the electives, Schools should provide to the Examinations and Student Record Section in April (Session 1) and August (Session 2) the names of students taking each elective.

Details of the actual dates in April and August are set out in the Calendar of Dates earlier in this volume.

Those subjects taught in each Faculty are listed in full in the handbook of that Faculty in the section entitled Subject Descriptions. For General Studies subjects see the General Studies handbook, which is available free of charge.

The identifying numbers for each School are set out on the following page.

| School, Department etc | Faculty |
|---|---------------------------------------|
| 1 School of Physics | Science* |
| 2 School of Chemistry | Science* |
| 3 School of Chemical Engineering | Applied Science |
| 4 School of Metallurgy | Applied Science |
| 5 School of Mechanical and Industrial Engineering | Engineering |
| 6 School of Electrical Engineering | Engineering |
| 7 School of Mining Engineering | Applied Science |
| 8 School of Civil Engineering | Engineering |
| 9 School of Wool and Pastoral Sciences | Applied Science |
| 10 School of Mathematics | Science |
| 11 School of Architecture | Architecture |
| 12 School of Psychology | Biological Sciences |
| 13 School of Textile Technology | Applied Science |
| 14 School of Accountancy | Commerce |
| 15 School of Economics | Commerce |
| 16 School of Health Administration | Professional Studies |
| 17 Biological Sciences | Biological Sciences |
| 18 School of Mechanical and Industrial Engineering (Industrial Engineering) | Engineering |
| 21 Department of Industrial Arts | Architecture |
| 22 School of Chemical Technology | Applied Science |
| 23 School of Nuclear Engineering | Engineering |
| 24 School of Transport and Highways | Engineering |
| 25 School of Applied Geology | Applied Science |
| 26 Department of General Studies | Board of Studies in General Education |
| 27 School of Geography | Applied Science |
| 28 School of Marketing | Commerce |
| 29 School of Surveying | Engineering |
| 30 Department of Organizational Behaviour** | Commerce |
| 31 School of Optometry | Science |
| 35 School of Building | Architecture |
| 36 School of Town Planning | Architecture |
| 37 School of Landscape Architecture | Architecture |
| 38 School of Food Technology | Applied Science |
| 39 Graduate School of the Built Environment | Architecture |

| School, Department etc | Faculty |
|---|---|
| 40 Professorial Board | |
| 41 School of Biochemistry | Biological Sciences |
| 42 School of Biological Technology | Biological Sciences |
| 43 School of Botany | Biological Sciences |
| 44 School of Microbiology | Biological Sciences |
| 45 School of Zoology | Biological Sciences |
| 50 School of English | Arts |
| 51 School of History | Arts |
| 52 School of Philosophy | Arts |
| 53 School of Sociology | Arts |
| 54 School of Political Science | Arts |
| 55 School of Librarianship | Professional Studies |
| 56 School of French | Arts |
| 57 School of Drama | Arts |
| 58 School of Education | Professional Studies |
| 59 School of Russian | Arts |
| 62 School of History and Philosophy of Science | Arts |
| 63 School of Social Work | Professional Studies |
| 64 School of German | Arts |
| 65 School of Spanish and Latin American Studies | Arts |
| 66 Subjects Available from Other Universities | |
| 68 Board of Studies in Science and Mathematics | Board of Studies in Science and Mathematics |
| 70 School of Anatomy | Medicine |
| 71 School of Medicine | Medicine |
| 72 School of Pathology | Medicine |
| 73 School of Physiology and Pharmacology | Medicine |
| 74 School of Surgery | Medicine |
| 75 School of Obstetrics and Gynaecology | Medicine |
| 76 School of Paediatrics | Medicine |
| 77 School of Psychiatry | Medicine |
| 79 School of Community Medicine | Medicine |
| 80 Faculty of Medicine | Medicine |
| 85 Australian Graduate School of Management | AGSM |
| 90 Faculty of Law | Law |
| 97 Division of Postgraduate Extension Studies | |

*Subjects also offered for courses in this Handbook.

**Formerly Department of Behavioural Science: new name effective from 1 January 1979.

Descriptions of Subjects offered in the Faculty of Medicine

1.941 Physics I (Medicine)

Light, optics, lenses, image formation, instruments, the microscope, the eye, lasers, the ophthalmoscope. Vapor pressure, surface tension, viscosity, wetting, hydrodynamics, fluid flow, the cardiovascular system. Electricity, electrical energy, electrical instruments, capacitors, transients, oscillography, electrochemical cells, membrane potentials, bioelectricity, nerve transmission. Wave motion, modern physics, em radiation, diathermy, photons, quanta, nuclear radiations, radiation biology, quantum vision.

2.011 Chemistry for Medical Students

Classification of matter and theories of the structure of matter. Chemical bonding, molecular structure and chemical behaviour. Equilibrium and change in chemical systems. Introduction to colloidal systems. Structure and reactions of organic compounds.

75.101 Obstetrics and Gynaecology

Taken in Year 5. Consists of a program of lectures in core subjects and of clinical physiological and pathological conferences and simulated patient management problem exercises. Students are taught in small tutorial groups.

Supervised clinical experience is gained in out-patient clinics, in patient services and the labour wards of The Royal Hospital for Women, St. George, Canterbury, Port Kembla, Wollongong, Sutherland and other selected hospitals.

Assessment is by continuing evaluation of clinical work and in week eight there is a final oral and written examination. Neonatal paediatric experience is integrated with the teaching of Obstetrics and Gynaecology.

Full details are described in a booklet published by the School.

76.101 Paediatrics

The Year 5 general paediatric program is taught at the Prince of Wales Children's Hospital and at the St. George and Sutherland Hospitals. Teaching includes some lectures, case conferences, discussion groups, seminars and ward rounds and clinical involvement. The main emphasis, however, is on clinical clerking. Students are expected to spend one night in four in residence, as well as one weekend per term. Assessment is by a multiple choice question paper and a clinical examination. Neonatal paediatric experience is integrated with the teaching of Obstetrics and Gynaecology.

77.101 Psychiatry

Taken in Year 5. Consists of seminars in general Psychiatry held in the mornings of the first five weeks, followed by small group tutorials and selected readings on related topics. A program of study and practice in practical topics is held in the mornings of weeks six and seven.

Together with this, clinical experience is obtained at the Prince Henry, Prince of Wales, St. George, St. Vincent's and The Rozelle Hospitals and other selected facilities during the afternoons of weeks one to eight.

Assessment is by multiple choice questionnaire and *viva voce* examinations in the mornings of week eight.

79.112 Community Medicine

The major formal teaching commitment in Community Medicine takes place in Year 3. Within the aims of the subject, students are encouraged to follow issues which are of greatest relevance to their own interests and development and are also encouraged to work in groups as much as possible.

The program includes lectures and discussions, assignments, visits to organizations and a project in the community. Special optional programs are arranged for interested students in areas where the formal curriculum is considered to be deficient, eg dying and bereavement. It is at this stage of the medical course that the emphasis on practice in the community takes place through formal classes on general practice, commencement of preceptor attachments and tutorials on subjects relevant to general practice.

Introduction to community health centres and other aspects of community care also commences at this stage. The program also includes community aspects of human genetics and medical statistics.

Clinical Studies

The three year program in 'Clinical Studies' prepares students for clinical clerking in the subject 'Integrated Clinical Studies' in Year 4 of the five year medical course. Students learn to take medical histories, perform physical examinations, detect abnormalities and communicate with patients so that they can assess patients clinically and as individuals within society.

80.011 Introductory Clinical Studies I

In Year 1 students learn, mainly by the experience of interviewing people, how to communicate with patients and to take relevant psychosocial histories, and to understand the effects of illness on an individual and his family in the community. In Session 2 it is integrated with Human Behaviour I.

80.012 Clinical Studies II

Closely integrated with Human Structure and Function, illustrating the application of basic medical science to the clinical situation. Students are introduced to clinical medicine in the principal teaching hospitals and learn to understand the structure and function underlying certain clinical problems.

80.013 Clinical Studies III

Students attend both the associated and the principal teaching hospitals. The subject is integrated with Paraclinical Science so that students learn to understand the patho-physiology underlying certain diseases. Emphasis is on students learning skills in medical history taking and physical examination.

80.111 Human Structure and Function I

An introductory subject in human anatomy, physiology and biochemistry. The basic 'vocabulary' of these disciplines is dealt with as a preparation for the systematic coverage of Human Structure and Function. Lectures, practical classes and tutorials are conducted: in biochemistry, on the biologically important molecules and their properties and principal metabolic pathways; in anatomy, on the tissues and the musculo-skeletal system of the body; in physiology, on general physiological principles with an outline of normal function. Human embryology from fertilization to organ development.

80.112 Human Structure and Function II

An integrated and co-ordinated subject covering the anatomy, physiology and biochemistry of the major body systems. Systematic lectures, tutorials, practicals and demonstrations deal with excitable tissues, blood, circulation, respiration, kidney and body fluids, gastro-intestinal tract and metabolism, endocrines, reproduction and development, skin, bone, fat and connective tissues and the nervous system.

Clinical material illustrates the principles being studied and underlines the relevance of the course to the study of medicine. Some drugs of importance in the various systems are discussed.

80.201 Cellular Biology

Presented by the Schools of Anatomy, Physiology and Biochemistry. Includes: cell structure, light microscopy and electron microscopy of the cell, techniques of experimental cell biology, tissues and organ histogenesis; cells and the cellular environment, surface membrane of the cell, electrical and other functions, membrane transport, molecules, macromolecules, ionic equilibria across cell membranes, intracellular membrane systems, energy generation and protein synthesis; cell division, differentiation and cell death; growth, healing and neoplasia, integration and control of organized cellular activity, neuroendocrine system in the control of digestion and reproduction.

80.211 Human Behaviour I

Taught in Session 2 of Year 1. Instruction is given in the psychology of normal human development (childhood, adolescence, adulthood, old age), and in selected topics in medical sociology and introductory epidemiology, eg the particular problems of disadvantaged groups such as migrants and aborigines in relation to health services; the difficulties entailed in defining what is meant by physical and psychological 'Health'; and the social factors which influence human behaviour. The lecture program is supplemented by extensive use of structured tutorial-discussion sessions.

80.212 Human Behaviour II

Taught in both sessions of Year 2. Instruction is given in the research techniques, theoretical concepts and basic findings of the behavioural sciences, especially as these relate to medicine. Special emphasis is placed on the development of skills for the critical evaluation of scientific data concerning human behaviour and the oral and written expression of such evaluations.

Topics include: scientific methods in the behavioural sciences; the influence of heredity and environment on behaviour; human motivation and emotion; thinking and language; learning and memory; the psychology of stress; the psychophysiology of sleep; altered states of consciousness; gender differences; and the psychology of interpersonal behaviour.

In addition to attending lectures and participating in structured tutorial sessions, students carry out experimental practical work.

80.311 Paraclinical Science

Includes components of microbiology, immunology, pathology and pharmacology, with integration between the various components, and related, in turn, to concurrent clinical work in the hospital.

The component related to *microbiology* deals with interactions between host and parasite. Basic structure, growth, physiological activity and genetic characteristics of bacteria, viruses and fungi are considered. Means by which these microorganisms exist in association with man and his environment, how they gain access to tissues and produce disease, and the nature of their responses to various physical, chemical and antibiotic agents which interrupt their normal function. Role of diagnostic bacteriology in clinical work.

A background knowledge of *immunology* is also important in understanding microbial disease and in applying its basic principles to treatment and prevention of specific diseases.

General discussion on immunology in which the basis of cellular and humoral reactions of animals to foreign agents is considered. Serves as an introduction to other medical problems in which immunological phenomena are of primary importance, eg, allergy, auto-immune diseases and organ transplantation, examples of which are considered in the pathology component of the course.

Pathology deals with the effects of disease on the structure and function of tissues. Examination of the causation of disease and the evolution of its distinctive lesions—ie, the content of what is often referred to as 'general pathology'. This background is necessary for the subsequent study of the distinctive lesions of the various organs that characterize specific disease—ie, 'special pathology'. Concentrates on 'general pathology' ie the effects of injury on cells, inflammation, healing and regeneration, immunopathology, thrombosis, embolism and infarction, abnormalities of growth, and neoplasia. Main disease processes will be illustrated by examples of appropriate diseases. Touches on forensic pathology. The content of pathology in third year prepares the way for the study in fourth year of special pathology, integrated with medicine and surgery.

The component of *pharmacology* also deals with basic principles, particular emphasis being placed on the mechanisms of drug action, with special reference to drugs of clinical importance. Principles of drug action in man and animals. Where possible, the program in basic pharmacology is integrated with the hospital program during which some important drug effects in man will be demonstrated.

The program in Paraclinical Science extends over all four terms, microbiology, immunology and pathology being presented by lectures, tutorials, demonstrations, laboratory classes and assignments. The program in basic pharmacology occupies the first three terms, with clinical pharmacology being commenced in fourth term in the form of small group tutorials, which is continued during the later years of the medical course.

80.321 Medical Science

Aims to reinforce and extend the students' knowledge and understanding of the structure and function of the human body, and to emphasize the importance of the scientific basis of medicine. Members from all schools in the Faculty and some servicing schools will contribute to the course. Deals with selected areas in depth in order to show the basic principles underlying the application of science to the practice of medicine.

Most topics have an immediate relevance to clinical teaching in the year but emphasis is placed on new areas of scientific knowledge which may be important in the future.

80.400 Integrated Clinical Studies

The general aspects of clinical care, aiming to provide students with experience in the medical and surgical wards and in community practice where they participate in clinical attachments.

Systematic pathology is also offered and, where possible, it is integrated with clinical studies. In the fields of general medicine and general surgery and the associated clinical specialities, emphasis on total patient care incorporating aspects of continuing care in the community and in community practice.

In the presentation of interdisciplinary seminars, the Schools of Medicine, Surgery and Pathology receive assistance from all other appropriate Schools.

80.500 Elective

Students who have successfully completed terms 5.1 to 5.4 arrange a personal program of work for term 5.5. This may include work in any school or department within the Faculty; at a hospital or medical institution either in Australia or in another country; or with a medical practitioner either in Australia or in another country. The program must be approved by the Dean prior to the commencement of the term and students must produce a report at the end of the elective term.

80.501 Medicine/Surgery

The purpose of this term is to enable the student to participate in the recognition, diagnosis and immediate management of a wide variety of acute medical and surgical conditions. The experience should include the emergency care of some life threatening medical and surgical conditions, evaluation of the criteria for referral for specialist advice and care and the appropriate use of investigations in primary medical care. Such experience is to be gained from attachment to casualty, accident or emergency centres at principal teaching hospitals (with supervisor); attachment to a supervisor at any approved hospital (urban, country, interstate or overseas); attachment to an approved supervisor in any general practice (urban, country, interstate or overseas).

The students are free to make individual arrangements for these attachments to approved locations, which must be approved by the Dean prior to the commencement of the term.

The student's supervisor submits a report to the Dean's office at the conclusion of the term and the appropriate Head of School assesses the report.

Financial Assistance to Students

The scholarships and prizes listed below are available to students whose courses appear in this handbook. Each faculty handbook contains in its **Faculty Information** section the scholarships and prizes available within that faculty. The **General Information** section of the Calendar contains a comprehensive list of scholarships and prizes offered throughout the University.

Scholarships

Undergraduate Scholarships

As well as the assistance mentioned earlier in this handbook **see General Information: Financial Assistance to Students**, there are a number of scholarships available to students. What follows is an outline only. Full information may be obtained from the Student Employment and Scholarships Unit, 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 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. |

*Apply to the Secretary, Bursary Endowment Board, Box 7077, GPO, Sydney 2001 immediately after sitting for HSC.

Undergraduate Scholarships (continued)

| Donor | Value | Year/s of Tenure | Conditions |
|--------------------------------|-----------------|---|--|
| General (continued) | | | |
| Girls Realm Guild Scholarships | 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. |

Medicine

| | | | |
|---|----------------|---|--|
| The Claude H. Vautin Memorial Scholarship | Up to \$250 pa | 1 year renewable for the duration of the course, subject to satisfactory progress | Child of member or former member of Royal Australian Air Force undertaking the full-time degree course leading to the degrees of Bachelor of Medicine and Bachelor of Surgery. |
|---|----------------|---|--|

Graduate Scholarships

Application forms and further information are available from the Student Employment and Scholarships Unit, which is located on the ground floor of the Chancellery. This Unit produces the booklet *Graduate Awards*, and also provides information on additional scholarships which may become available from time to time, mainly from funds provided by organizations sponsoring research projects.

General

| | | | |
|---|---|--|---|
| University of New South Wales Research Awards | Living allowance of \$4000 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 | | As above | 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 | A total of \$500/\$3200 | Up to 1 year | Applicants must be female graduates from any accredited Australian or overseas university. |
| The British Council Commonwealth University Interchange Scheme | Cost of travel to UK or other Commonwealth country university | | Applicants must be: 1. University staff on study leave. Applications close with Registrar by 30 November. For visits to commence during ensuing financial year 1 April to 31 March. 2. Graduate research workers holding research grants. Applications close with Registrar by 31 January for visits to commence during ensuing 1 April to 31 March. |
| Canadian Pacific Airlines Award for Travel to Canada for University Graduates | One free economy class return flight a year to Canada | | Graduates of an Australian University who are Australian citizens or permanent residents. Candidates must have been accepted by a Canadian University, be able to support themselves on a full-time basis, and intend to return to Australia. Applications close with Registrar by 31 May. |
| 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 | 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. |
| Gowrie Graduate Research Travelling Scholarship | Maximum \$2000 pa | 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. |
| Harkness Fellowships of the Commonwealth Fund of New York** | Living and travel allowances, tuition and research expenses, book and equipment and other allowances | Between 12 to 21 months | Candidates must be either: 1. Members of the Commonwealth or a State Public Service or semi-government Authority. 2. 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 and be between 21-30 years of age. Applications close 23 July. |

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

**Application forms must be obtained from the Australian representative of the Fund, Mr L. T. Hinde, Reserve Bank of Australia, Box 3947, GPO, Sydney, NSW 2001. These must be submitted to the Registrar by 24 July.

Graduate Scholarships (continued)

| Donor | Value | Year/s of Tenure | Conditions |
|--|--|---|--|
| General (continued) | | | |
| Frank Knox Memorial Fellowships at Harvard University | Stipend of \$3600 plus tuition fees pa | 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* | £3000 stg pa | 2 years, may be extended for a third year | Unmarried male and female British subjects, between the ages 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 July each year. |
| Rothmans Fellowships Award‡ | \$12000 pa | Up to 3 years | The field of study is unrestricted. Applications close early September each year. |

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 Employment and Scholarships unit, 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** | | | 24 August |
| The Asthma Foundation of New South Wales** | | | 30 September |
| 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 |

†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.

**Applications to the Registrar.

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 | 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. |

Faculty of Medicine

| | | |
|--|--------|---|
| FRATADD | 100.00 | Essay on a clinical or scientific aspect of alcoholism or a drug of dependence. |
| 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 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 Prize | 30.00 | Outstanding merit in Anatomy in final year of the Science Course. |

School of Community Medicine

| | | |
|--|--------|---|
| 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 during Years III to V of the medical course. |
| Health Commission of NSW | 50.00 | 79.112 Community Medicine. |

Undergraduate University Prizes (continued)

| Donor/Name of Prize | Value \$ | Awarded for |
|---------------------------|----------|------------------------------|
| School of Medicine | | |
| W. G. Telleson Memorial | 31.50 | 80.013 Clinical Studies III. |

School of Obstetrics and Gynaecology

| | | |
|---|-------|---|
| Royal Hospital for Women Senior Medical Staff | 50.00 | Final written and practical examinations in Obstetrics and Gynaecology. |
| Gordon Lowe Memorial | 50.00 | Clinical and oral examinations in Obstetrics and Gynaecology. |

School of Pathology

| | | |
|------------------------|-------|---|
| G. R. Cameron Memorial | 50.00 | Excellence in the Pathology component of 80.311 Paraclinical Science. |
|------------------------|-------|---|

School of Psychiatry

| | | |
|------------------------|-------|-------------|
| John Kerridge Memorial | 50.00 | Psychiatry. |
|------------------------|-------|-------------|

School of Surgery

| | | |
|--|--------|------------------------------------|
| Australian College of Ophthalmologists | 50.00 | Essay on Ophthalmological subject. |
| The Graduation Prize in Surgery | 100.00 | Surgery — Final Year. |

Graduate University Prizes

Faculty of Medicine

| | | |
|--|--------|---|
| Foundation for Research and Treatment of Alcoholism and Drug Dependence of New South Wales | 100.00 | Essay on a clinical or scientific aspect of alcoholism or a drug of dependence. |
|--|--------|---|

Staff

Comprises Schools of Anatomy, Community Medicine, Medicine, Obstetrics and Gynaecology, Paediatrics, Pathology, Physiology and Pharmacology, Psychiatry, and Surgery; Centre for Medical Education Research and Development.

Dean

Professor R. J. Walsh

Chairman

Professor W. E. Glover

Executive Officer

John Alfred Robertson, BA *N.E.*, MIPMA

Administrative Officer

Desmond Kevin O'Rourke

Administrative Assistant

Elizabeth Alison Smith, BA *Macq.*

School of Anatomy

Professor of Anatomy and Head of School

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

Associate Professors

Brian Robert Alexander O'Brien, BSc PhD *Syd.*

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

Charles Roger Rolleston Watson, BSc(Med) MB BS *Syd.* MD *N.S.W.*

Senior Lecturers

Darrel Ananda Fernando, BVSc *Ceyl.*, PhD *Lond.*

Saw Kin Loo, MB BS *Malaya*, PhD *Sing.*

Murray Stanley Smith, BSc PhD *Cant.*

Istvan Joseph Törk, MD *Bud.*

Lecturers

Ewa Krystyna Bystrzycka, MD *Lodz.*

Brian Warwick Freeman, BSc *Syd.*, PhD *N.S.W.*

Ralph Earl Molnar, BA PhD *Calif.*, MA *Texas*

Peter Brennan Paisley, BSc *Belt.*, LRCPEd&Glas, LRCSEd&Glas

Senior Tutors

Roslyn Carol Bohringer, BSc PhD *N.S.W.*

Prem Gemmell, PhD *Punj.*

Tutors

Deborah Jane Ayscough, BSc Syd.
 Judith Helen Burrell, BVSc Syd., MVSc Melb.
 Diana Theresa Cooper, MB BS N.S.W.
 Gregory Stephen Kesby, BSc N.S.W.
 Shirley Gladys Maclean, BSc DipEd Syd.
 Margaret Ellen Nelson, BSc N.S.W., DipPty *Cumberland Coll. of Health Sciences*
 Shanmuga Vadivu Vijayakumar, MSc *Madr.*
 Catherine Willis, BSc N.S.W., DipTertEd *N.E.*,
 DipPty *Cumberland Coll. of Health Sciences*

Professional Officers

Kenneth Inglis Black, MIST
 Coral Fay Green, MIST

Honorary Associate

Alexander Gonski, BSc MB BCH *Witw.*, FRCSEd, FRACS

Honorary Visiting Fellows

David John Cairncross, MB BS *N.S.W.*
 Audi Gene Leventhal, BA MS PhD *N.Y. State*

School of Community Medicine

Professor of Community Medicine and Head of School

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

Professor of Human Genetics

Robert John Walsh, AO, OBE, MB BS *Syd.*, FRACP, FAA,
 FRCPA

Associate Professor

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

Senior Lecturers

Lawrence Yook Chee Lai, BSc PhD *W.Aust.*
 Edward Maxwell Nicholls, MD BS *Adel.*
 Alan Edmund Stark, BA *Adel.*, MA PhD *N.S.W.*, DipT *Adel T.C.*

Lecturer

Peter Podmore Manzie, ED, BA MB BS *Syd.*, FRACGP

Senior Tutor

Paul Murray McNiell, MA *N.Z.*, LLB *Otago*

Senior Instructor

Felicity Anne Maclean, SRN

Honorary Associate

Neville Arthur Andersen, MB BS DTM&H *Syd.*, FRCGP,
 FRACGP

School of Medicine

Chairman

Professor J. B. Hickie

The Prince Henry and The Prince of Wales Hospitals

Professor of Medicine and Head of Department

Ralph Beattie Blacket, MD BS *Syd.*, FRCP, FRACP

Professor of Neurology

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

Associate Professors

*Clement Russell Boughton, MB BS DTM&H *Syd.*, FRACP,
 MRCP

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

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

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

*Ian Provan Cathcart Murray, MD ChB *Glas.*, FRCPEd, FRACP

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

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

Senior Lecturers

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

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

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

Professional Officers

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

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

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

St. George Hospital

Professor of Medicine and Head of Department

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

Associate Professor

Malcolm Edward Schonell, MB BS *Qld.*, FCCP, FRCPEd, MRACP

Senior Lecturer

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

Lecturer

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

St. Vincent's Hospital

Professor of Medicine and Head of Department

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

Associate Professors

Ronald Penny, MD BS *Syd.*, FRACP, FRCPA

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

Senior Lecturers

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

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

Leon Abraham Simons, BSc(Med) MD BS *Syd.*, MRCP, MRACP

Lecturer

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

Department of Diagnostic Radiology

Lecturer

*Geoffrey James Harrington, MB BS *Syd.*, MRACR

School of Obstetrics and Gynaecology

Professor of Obstetrics and Gynaecology and Head of School

Harvey McKay Carey, MB BS MSc DGO *Syd.*, FRACS, FRCSEd, FRCOG

Senior Lecturers

David Charles Ross Macourt, MB BS *Syd.*, FRCSEd, MRCOG

Brian John Trudinger, BSc(Med) MB BS *N.S.W.*, FRCSEd, MRCOG

Barry George Wren, MB BS *Syd.*, MD *N.S.W.*, MRCOG

School of Paediatrics

Professor of Paediatrics and Head of School

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

Associate Professors

*Aubrey Charles Bowring, MB BS *Syd.*, FRCS, FRCSEd, FRACS

Jagdish Mitter Gupta, MB BS *Malaya*, MD *Sing.*, DCH *Lond.*, FRCPEd, FRACP

Darcy William O'Gorman Hughes, MB BS *Syd.*, MD *N.S.W.*, FRACP

Leslie Herbert Stevens, MB ChB BSc *N.Z.*, PhD *Lond.*, FRACP

Senior Lecturer

Gabriel Antony, MD *Bud.*, FRACP, LRCPSEd, LRFPSGlas, DABP

Lecturers

John Douglas Mitchell, MB BS *Melb.*, FRACP

*John Bennett Vonwiller, MB BS *Syd.*, FFARACS

*John Bernard Ziegler, MB BS *Syd.*, FRACP

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

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

School of Pathology

Professor of Pathology and Head of School

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

Associate Professor

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

Senior Lecturers

Cameron Rolfe Howlett, BVSc PhD *Syd.*, MRCVS, MACVSc

*Aubrey Godwin Liddelow, MB BS *Melb.*, FRCPA, FRCPATH

Ruth Evelyn Mitchell, BMedSc MD ChB *Otago*,
DCH(RCP&RCS)

**Vincent Frederick Munro, MB BS DCP *Syd.*, FRCPA

§Robert Andrew Osborn, MD BS BSc *Lond.*, FRCPA, FRCPATH,
MRCPed, MAACB, MIAC

Lecturers

Shirley Grace Higgins, MB BS *Syd.*, MD *N.S.W.*

Leng Chai Jimmy Yong, BSc(Med) MB BS *N.S.W.*

Senior Tutor

Rakesh Kamal Kumar, MB BS *Delhi*, AIIMS

Honorary Associates

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FRACI, FAACB

George Michael Watson, MB BS *Adel.*, DPhil *Oxf.*, FRCPA,
MRCP, MRACP

School of Physiology and Pharmacology

Professor of Physiology and Head of School

Walter Ernest Glover, MD BCh BAO *Belf.*

Professor†

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

Professor of Clinical Pharmacology

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

Associate Professors

Robert Alastair Beveridge Holland, MD BS *Syd.*, FRACP

Douglas Ian McCloskey, BSc(Med) MB BS *Syd.*, DPhil *Oxf.*,
FRACP

Mark Joseph Rowe, BPharm MSc *Syd.*, PhD *N.S.W.*

Senior Lecturers

Peter Hosford Barry, BSc PhD *Syd.*

Peter Raymond Carroll, BPharm MSc PhD *Syd.*

David George Garlick, BSc(Med) MB BS *Syd.*, PhD *A.N.U.*

Eugenie Ruth Lumbers, MD BS *Adel.*

Lecturers

John Joseph Carmody, MB BS *Qld.*

**David Brunton Gibb, BSc(Med) MB BS *Syd.*,
DObstRCOG *Lond.*, FFARCS, FRCS, FFARACS

Garry George Graham, MSc PhD *Syd.*

Bruce Stanley Nail, BSc *W. Aust.*, DPhil *Oxf.*

**Robert Charles Wright, MB BS *Syd.*, FFARACS, FRACP

Senior Tutors

David Morgans, BSc *Syd.*, PhD *N.S.W.*

Michael Alan Perry, MRurSc *N.E.*

Tutors

Denise Anne Edwards, BSc *Syd.*

Toni Rose Kesby, BSc DipEd *N.E.*

Max Willow, MSc *Syd.*, DipEd *Kuringai C.A.E.*

Teaching Fellow

Tomás Milan Christof, BSc *Syd.*

Professional Officer

Kenneth Harry Curtis, AIST(Lond)

Honorary Associate

Kenneth Martin Taylor, MPharm PhD *Otago*

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

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

‡Conjoint appointment with St. George Hospital.

§Conjoint appointment with Royal Hospital for Women.

†In the field of physiology.

School of Psychiatry

Professor of Psychiatry and Head of School

Leslie Gordon Kiloh, MD BSc *Lond.*, DPM(RCP&RCS), FRCP, FRACP, FRANZCP, FRCPsych

Associate Professors

John Gavin Andrews, ChB MD *Otago*, DPM *Melb.*, FRANZCP, MRCPsych

*John Ewart Cawte, MD BS *Adel.*, DPM *Melb.*, PhD *N.S.W.*, FRANZCP, FRCPsych, FAPA

Nathaniel McConaghy, MB BS *Qld.*, BSc MD DPM *Melb.*, FRANZCP

Senior Lecturers

Ronald Ford Barr, MB ChB *Glas.*, MD *N.S.W.*, DPM(RCP&RCS), FRANZCP, MRCPsych

*Leslie Allen Guile, MB ChB *Liv.*, DPM *Melb.*, FRANZCP, MRCPsych

Susie Eva Maria Owen, MB BS *Syd.*, MD *N.S.W.*, DCH *Glas.*, DPM(RCP&RCS), FRANZCP

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

Lecturers

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

*Richard John Perkins, MB BS *Lond.*, DPM(RCP&RCS), MRCPsych

*Noel Maurice Wilton, MB BS *Syd.*, FRACP, FRANZCP

Tutor

Helen Margaret Christensen, BA *Syd.*

Associate Professor of Ophthalmology

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

Associate Professors

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

*John Saxon Wright, MB BS *Syd.*, FRACS, FACS

Clinical Associate Professor

*Leicester Atkinson, MB BS DMRT *Lond.*, FRCS, FRACS, FACMA, FACR

Lecturers

Lawrence John Gray, MB BS *Syd.*, FRACS

Graham Leonard Newstead, MB BS *N.S.W.*, FRACS, FRCS

Bryan Wheaton Yeo, MB BS *Syd.*, FRCS, FRACS

Professional Officer

Margaret Anne Rose, BVSc *Syd.*

St. George Hospital

Professor of Surgery and Head of Department

Robert Mervyn Mitchell, BMedSc *Otago*, MB ChM *N.Z.*, FRCS, FRACS

Associate Professors

David Robert Hunt, MD BS *Syd.*, FRACS

Christopher John Magarey, BSc(Med) MB MS *Syd.*, FRCS, FRACS

St. Vincent's Hospital

Professor of Surgery and Head of Department

Graham Douglas Tracy, MB BS *Syd.*, FRCS, FRACS, FACS

Associate Professor

Reginald Sidney Albert Lord, MD BS *Syd.*, FRCS, FRACS

Lecturers

Stuart John Hazelton, MB BS *Syd.*, FRCS, FRACS

David Alexander Hill, MB BS *Syd.*, FRCS, FRACS, FRCSEd

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

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

School of Surgery

Chairman

Professor R. M. Mitchell

The Prince Henry and The Prince of Wales Hospitals

Professor of Surgery and Head of Department

Gerald Francis Murnaghan, MD ChM *Edin.*, FRCS, FRACS, FRCSEd

Department of Anaesthetics and Resuscitation

Senior Lecturers

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

**Gordon Alfred Harrison, MB BS Syd., FFARACS

*Thomas Andrew Gabriel Torda, MB BS Syd., DA Lond., FFARCS, FFARACS

Lecturer

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

Department of Traumatic and Orthopaedic Surgery

Hugh Smith Professor of Traumatic and Orthopaedic Surgery and Head of Department

Ronald Lawrie Huckstep, CMG, MA MD Camb., FRCSEd, FRCS, FRACS

Research Assistant

Judith Margaret Monk, BA Syd.

Animal Facilities

Director

Roderick Lachlan McEwin, BVSc Qld., MRCVS

Biomedical Mass Spectrometry Unit

Manager

Alan Malcolm Duffield, BSc PhD W. Aust.

Electron Microscope Unit

Electron Microscopist

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

Medical Illustration Unit

Officer-in-Charge

Kenneth Walter Deason, AIMBI, ARPS, AIAP

Clinical Teaching Administration

Teaching Hospitals

The Prince Henry and Prince of Wales Hospitals

Senior Administrative Officer (Medical)

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

Administrative Assistant

Patricia Dorothy Shaw, BCom N.S.W.

St. George Hospital

Warden of Clinical Studies

Benedetto Haneman, MB BS Syd., FRACP

Administrative Assistant

Susan Holt, BA Nott., CertEd Manc.

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

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

§Conjoint appointment with Royal Hospital for Women.

St. Vincent's Hospital

Senior Administrative Officer (Medical)

Sir Patrick John Kenny, MB MS Syd., FRCS, FRACS,
FRCP&SGlas

Royal Hospital for Women

Warden of Clinical Studies

Edward Graham Bosch, MB BS Syd., MRCOG

Associated Hospitals

Bankstown Hospital

Clinical Supervisor

Robert David Perrett, MB BS Syd., FRCS, FRACS

Canterbury Hospital

Honorary Clinical Supervisor

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

Lewisham Hospital

Clinical Supervisor

Gregory John Leslie, MB BS Syd., FRCS, FRACS

Sutherland Hospital

Clinical Supervisor

George Meredith Stathers, MB BS Syd., FRACP

Centre for Medical Education Research and Development

Regional Teacher Training Centre for Health Personnel

Director and Professor

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

Senior Lecturer

Michael John Bennett, BA *Keele*, MPhil *Lond.*, PhD *S. Pac.*

Lecturers

Raja Christie Bandaranayake, MB BS *Ceyl.*, PhD *Lond.*,
MSc *Calif.*

Christine Elizabeth Garrick, MB BS PhD *Syd.*

Arie Rotem, BA *Jer.*, MA PhD *Calif.*

Visiting Fellow

Geoffrey George Saville, BSc *N.S.W.*, MS EdS *Wisconsin-Stout*,
PhD *Mich. State*, ASTC

Administrative Officer

Iris Shirley Gilfillan

Graduate Assistants

Concepcion Trelles Bretos, BA *Oberlin*

William Gee, BA *Calif.*

The University of New South Wales Kensington Campus 1979

Theatres

Biomedical Lecture Theatres E27
 Central Lecture Block E19
 Classroom Block (Western Grounds) H3
 Electrical Engineering Theatre F17
 Keith Burrows Lecture Theatre J14
 Mathews Theatres D23
 Old Main Theatre K15
 Parade Theatre E3
 Science Theatre F13
 Sir John Clancy Auditorium C24

Buildings

Affiliated Residential Colleges
New (Anglican) L6
Shalom (Jewish) N9
Warrane (Roman Catholic) M7
 Applied Science F10
 Architecture H14
 Arts (Morven Brown) C20
 Banks F22
 Barker Street Gatehouse N11
 Basser College C18
 Biological Sciences D26
 Central Store B13
 Chancellery C22
 Chemistry
 Dalton F12
 Robert Heffron E12
 Civil Engineering H20
 Commerce (John Goodsell) F20
 Dalton (Chemistry) F12
 Electrical Engineering G17
 Geography and Surveying K17
 Goldstein College D16
 Golf House A27
 Gymnasium B5
 House at Pooh Corner N8
 International House C6
 John Goodsell (Commerce) F20
 Kensington Colleges C17
 Basser C18
 Goldstein D16

Philip Baxter D14
 Main Building K15
 Maintenance Workshop B13
 Mathews F23
 Mechanical and
 Industrial Engineering J17
 Medicine (Administration) B27
 Menzies E21
 Metallurgy E8
 Morven Brown (Arts) C20
 New College (Anglican) L6
 Newton J12
 Parking Station H25
 Philip Baxter College D14
 Robert Heffron (Chemistry) E12
 Sam Cracknell Pavilion H8
 Shalom College (Jewish) N9
 Sir Robert Webster
 (Textile Technology) G14
 Squash Courts B7
 Unisearch House L5
 University Regiment J2
 University Union
 (Roundhouse) — Stage I E6
 University Union
 (Blockhouse) — Stage II G6
 University Union
 (Squarehouse) — Stage III E4
 Wallace Wurth School of Medicine C27
 Warrane College (Roman Catholic) M7
 Wool and Pastoral Sciences B8

General

Accountancy C20
 Admissions Office C22
 Anatomy C27
 Applied Geology F10
 Applied Science (Faculty Office) F10
 Appointments Office C22
 Architecture
 (Including Faculty Office) H14
 Arts (Faculty Office) C20
 Australian Graduate
 School of Management F23
 Biochemistry D26

Biological Sciences (Faculty Office) D26
 Biological Technology D26
 Biomedical Library F23
 Bookshop G17
 Botany D26
 Building H14
 Cashier's Office C22
 Centre for Medical Education
 Research and Development C27
 Chaplains E15a
 Chemical Engineering F10
 Chemical Technology F10
 Chemistry E12
 Child Care Centre N8
 Civil Engineering H20
 Closed Circuit Television Centre F20
 Commerce (Faculty Office) F20
 Community Medicine D26
 Computing Services Unit E21
 Drama D9
 Economics F20
 Education G2
 Electrical Engineering G17
 Engineering (Faculty Office) K17
 English C20
 Examinations and Student Records C22
 Fees Office C22
 Food Technology F10
 French C20
 General Studies C20
 Geography K17
 German C20
 Health Administration C22
 History C20
 History and Philosophy of Science C20
 Industrial Arts C1
 Industrial Engineering J17
 Institute of Languages G14
 Institute of Rural Technology B8
 Kindergarten (House at Pooh Corner/
 Child Care Centre) N8
 Landscape Architecture H14
 Law (Faculty Office) E21
 Law Library E21
 Librarianship B10
 Library E21
 Lost Property F20

Marketing F20
 Mathematics F23
 Mechanical Engineering J17
 Medicine (Faculty Office) B27
 Metallurgy E8
 Microbiology D26
 Mining Engineering K15
 Music B11
 National Institute of Dramatic Art C15
 Nuclear Engineering G17
 Optometry J12
 Pathology C27
 Patrol and Cleaning Services F20
 Philosophy C20
 Physics K15
 Physical Education and
 Recreation Centre (PERC) B5
 Physiology and Pharmacology C27
 Political Science C20
 Postgraduate Committee
 in Medical Education B27
 Postgraduate Extension Studies (Closed
 Circuit Television) F20
 Postgraduate Extension Studies (Radio
 Station and Administration) F23
 Psychology F23
 Public Affairs Unit C22
 Regional Teacher Training Centre C27
 Russian C20
 Science and Mathematics Course
 Office F23
 Social Work E1
 Sociology C20
 Spanish and Latin American Studies C20
 Student Amenities and Recreation E15c
 Student Counselling and Research E15c
 Student Employment C22
 Student Health E15
 Students' Union E4
 Surveying K17
 Teachers' College Liaison Office F16
 Tertiary Education Research Centre E15d
 Textile Technology G14
 Town Planning K15
 University Union (Blockhouse) G6
 Wool and Pastoral Sciences B8
 Zoology D26

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MAX. SPEED 25 Kph
PARKING PERMITTED
ON: Y IN AREAS MARKED (PI

This Handbook has been specially designed as a source of reference for you and will prove useful for consultation throughout the year.

For fuller details about the University—its organization, staff membership, description of disciplines, scholarships, prizes, and so on, you should consult the Calendar.

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, Professional Studies and Sciences are \$2.50. Architecture, Law, Medicine and AGSM are \$1.50. Postage is 40c in each case. The exception is General Studies, which is free.