

FACULTY OF MEDICINE  
1970 HANDBOOK



THE UNIVERSITY OF NEW SOUTH WALES

80 CENTS

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FACULTY OF MEDICINE  
1970 HANDBOOK

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THE UNIVERSITY OF NEW SOUTH WALES

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## INTRODUCTION

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The report of the Murray Committee on Australian Universities recommended that a second medical school be established in New South Wales and that it might well be within the University of New South Wales (then known as the New South Wales University of Technology). In October, 1958, the New South Wales Parliament amended the University's Act of Incorporation to provide for the original name of the University to be altered to the University of New South Wales and for the inclusion of medicine in the courses offered by the University.

Subsequently, steps were taken to establish the medical school in the University of New South Wales, and new pre-clinical buildings (the Wallace Wurth Medical School) were constructed on the campus and opened by Her Majesty the Queen in March, 1963.

Teaching hospitals of the University include Prince Henry and Prince of Wales, St. George and St. Vincent's Hospitals. The Royal Hospital for Women and the Bankstown Hospital are special teaching hospitals for teaching obstetrics and gynaecology, and the Eastern Suburbs Hospital is to be similarly developed for paediatrics. Lewisham, Bankstown, Sutherland and Canterbury are associated hospitals of the University.

In 1961, the first students enrolled in the Faculty of Medicine and after completion of their six years' course the first students graduated at the end of 1966. Those who were successful in passing their final examinations in medicine, surgery, and obstetrics and gynaecology were eligible for registration in New South Wales and entered hospitals as junior residents in 1967. Representatives of the General Medical Council of the United Kingdom visited the University to study the curriculum and to inspect the facilities of its medical school and teaching hospitals, and their visit coincided with the first final examinations of the medical course. In March, 1967, the General Medical Council recognised the MB, BS degrees of the University. This will enable graduates of the new school to take up post-graduate studies or to practise in other countries, which normally enjoy reciprocity for these purposes.

Although the arrangements are not complete, important modifications are being made in the undergraduate curriculum of the medical school. The Faculty established a Curriculum and Examina-

tions Review Committee in 1962 and since then long discussions have taken place and important recommendations made. The effect of these recommendations is to provide block teaching in each of the clinical subjects of the course. During the period of the block, usually ten weeks, the student will be able to give his undivided attention to each subject in turn. Details of the revised pre-clinical curriculum and also the new 4th year programme are given in later sections of this handbook.

The new teaching arrangements will enable students to benefit from an advanced approach to medical instruction, and assist them in their careers as general practitioners, specialists, administrators and public health and medical research workers, and enable the work of the Medical School to have a widespread influence on community health and hospital services in New South Wales and other States.

## CALENDAR OF DATES FOR 1970

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### JANUARY

Wednesday 7	6th year medical students re-enrol.
Thursday 8	5th year medical students re-enrol.
Monday 12	First term commences — 5th and 6th year medicine.
Monday 19	Last day for acceptance of applications to enrol by new students and students repeating first year.
Monday 26	Australia Day — Public Holiday.
Wednesday 28	4th year medical students re-enrol.

### FEBRUARY

Monday 2	First term commences — 4th year medicine.
Monday 16	Enrolment week commences—for new students and students repeating first year.
Wednesday 25	3rd year medical students re-enrol.
Thursday 26	2nd year medical students re-enrol.

### MARCH

Monday 2	First term commences—1st, 2nd and 3rd year medicine.
Friday 13	Last day for acceptance of enrolments of new students (late fee payable).
Saturday 21	First term ends — 4th, 5th and 6th year medicine.
Friday 27 to Monday 30	Easter Holidays.
Tuesday 31	Last day for acceptance of enrolments of students re-enrolling (late fee payable).

### APRIL

Monday 6	Second term commences — 4th, 5th and 6th year medicine.
Saturday 25	Anzac Day — Public Holiday.
Wednesday 29	Captain Cook Bi-Centenary Day — Public Holiday.

### MAY

Saturday 16	First term ends — 1st, 2nd and 3rd year medicine.
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## JUNE

Monday 1	Second term commences — 1st, 2nd and 3rd year medicine.
Saturday 13	Second term ends — 4th, 5th and 6th year medicine.
Monday 15	Queen's Birthday — Public Holiday.
Monday 22	Third term commences — 4th year medicine.
Monday 29	Third term commences — 5th and 6th year medicine.

## JULY

Tuesday 7	Foundation Day.
Friday 17	Last day for acceptance of corrected enrolment details forms.

## AUGUST

Saturday 8	Second term ends — 1st, 2nd and 3rd year medicine.
Monday 31	Third term commences—1st, 2nd and 3rd year medicine.

## SEPTEMBER

Saturday 5	Third term ends — 4th, 5th and 6th year medicine.
Monday 21	Fourth term commences — 4th, 5th and 6th year medicine.

## OCTOBER

Monday 5	Eight Hour Day — Public Holiday.
Saturday 31	Lectures cease — 1st year medicine.

## NOVEMBER

Saturday 7	Lectures cease—2nd and 3rd year medicine. Examinations commence — 1st year medicine.
Saturday 28	Fourth term ends — 4th, 5th and 6th year medicine.
Monday 30	Last day for acceptance of applications for special admission to 2nd year medicine.

# CALENDAR OF DATES

## 1970

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### FACULTY OF MEDICINE

First Year:

As for other Faculties.

Second Year and Third Year:

Term 1 (11 weeks)	....	....	March 2 to May 16
Term 2 (10 weeks)	....	....	June 1 to August 8
Term 3 (10 weeks)	....	....	August 31 to November 7

Fourth Year:

Term 1 (7 weeks)	....	....	February 2 to March 21
Term 2 (10 weeks)	....	....	April 6 to June 13
Term 3 (8 weeks)	....	....	June 22 to August 15
Term 4 (10 weeks)	....	....	September 21 to November 28

Fifth Year and Sixth Year:

Term 1 (10 weeks)	....	....	January 12 to March 21
Term 2 (10 weeks)	....	....	April 6 to June 13
Term 3 (10 weeks)	....	....	June 29 to September 5
Term 4 (10 weeks)	....	....	September 21 to November 28

### FACULTIES OTHER THAN MEDICINE

First Term (11 weeks)	....	....	....	March 2 to May 16
Second Term (10 weeks)	....	....	....	June 1 to August 8
Third Term (9 weeks)	....	....	....	August 31 to October 31

# CALENDAR OF DATES

## 1971

### FACULTY OF MEDICINE

#### First Year:

As for other Faculties.

#### Second Year and Third Year:

Term 1 (11 weeks)	....	....	March 1 to May 15
Term 2 (10 weeks)	....	....	May 31 to August 7
Term 3 (10 weeks)	....	....	August 30 to November 6

#### Fourth Year:

Term 1 (7 weeks)	....	....	February 2 to March 20
Term 2 (10 weeks)	....	....	April 5 to June 12
Term 3 (8 weeks)	....	....	June 21 to August 14
Term 4 (10 weeks)	....	....	September 20 to November 27

#### Fifth Year and Sixth Year:

Term 1 (10 weeks)	....	....	January 11 to March 20
Term 2 (10 weeks)	....	....	April 5 to June 12
Term 3 (10 weeks)	....	....	June 28 to September 4
Term 4 (10 weeks)	....	....	September 20 to November 27

### FACULTIES OTHER THAN MEDICINE

First Term (11 weeks)	....	....	....	March 1 to May 15
Second Term (10 weeks)	....	....	....	May 31 to August 7
Third Term (9 weeks)	....	....	....	August 30 to October 30

# FACULTY OF MEDICINE

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*DEAN*—Professor F. F. Rundle

*CHAIRMAN*—Professor M. J. Blunt

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FRACS (St. Vincent's Hospital)

*Senior Administrative Officer (Medical)*—J. Steigrad, CBE, ED, MB CHM  
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S. K. C. Wong, MB BS Syd.

*Tutors*

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D. R. Utley, MB BS Syd.

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*Professor of Medicine* (St. Vincent's Hospital)

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*\*Associate Professor*

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*The St. George Hospital*

J. B. Campbell, MB BS Syd., MRACP

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*St. Vincent's Hospital*

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 R. L. Cahill, MBE MB BS *Syd.*, DOMS *Lond.*, FRACS  
 C. A. Cass, MB BS *Syd.*, FRCS  
 T. J. Claffey, MB BS *Syd.*, FRCS, FRACS  
 F. J. Collins, MB BS *Syd.*, FRCS, FRCSEd, FRFPGS, FRACS  
 R. A. Craven, MB BS *Syd.*, FRCSEd, FRACS  
 J. W. Graham, MB BS *Syd.*, FRCS, FRACS  
 T. B. Hugh, MB BS *Syd.*, FRCS, FRACS  
 B. J. Ireland, MB BS *Syd.*, FRCS, FRACS  
 L. Levi, MB BS *Syd.*, DLO *Lond.*  
 D. Maxwell, MB BS *Syd.*, FFARCS, FFARACS  
 T. Nash, MB BS *Syd.*, FRCS, FACS, FRACS  
 H. D. O'Brien, MB BS *DA Melb.*, FFARACS  
 J. J. O'Leary, MB BS *Syd.*, FFARACS  
 M. O'Mara, MB BS *Syd.*, FRCS, FRACS  
 B. J. Pollard, MB BS *DA Syd.*, FFARACS  
 J. S. Roarty, MChOrth *Liv.*, MB BS *Syd.*, FRCS, FRACS  
 D. P. Rowe, MB BS *Syd.*  
 G. Schnitzler, MB BS *Syd.*, FRCS, FRACS  
 L. T. Shea, MB BS *DA Syd.*, FFARACS  
 B. Sheridan, MB BS *Syd.*, FRCS, FRACS, FRCSEd  
 J. Tonkin, MB BS *Syd.*, DLO *Lond.*, FRCS, FRACS  
 J. R. Wadsworth, MB BS *Syd.*, DLO *Lond.*, FRCS  
 J. B. Walker, MB BS *Syd.*, DLO *Lond.*, FRCS, FRCSEd, FRACS  
 D. J. Wilson, MDS DDSc *Syd.*, FACDS

# ADMISSIONS INFORMATION

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## ADMISSIONS OFFICE

The Admissions Office which is located in the Chancellery on the upper campus provides intending students (both local and overseas) with information regarding courses, admission requirements, scholarships and enrolment. Office hours are from 9.00 a.m. to 1.00 p.m. and 2.00 p.m. to 5.00 p.m. Monday to Friday and an evening service is provided during the enrolment period.

Applications for special admission, admission with advanced standing and from persons relying for admission on overseas qualifications should be lodged with the Admissions Office. 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, and for further details the sections on "Rules Relating to Students" and "Enrolment Procedure for Undergraduate Courses" should be consulted.

Applications for admission to undergraduate courses from students who do not satisfy the requirements for admission (see section on "Requirements for Admission"), from students seeking permission with advanced standing, and from students who have had 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 discuss their proposals initially with 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 the 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 courses at the University may be obtained from the Admissions Office or the Metropolitan Universities Admissions Centre.

Persons seeking entry to first year courses in one or more of the three Universities in the Sydney Metropolitan Area (Macquarie University, the University of New South Wales and the University of Sydney) are required to lodge a single application form with the Metropolitan Universities Admissions Centre, Third Floor, 13-15 Wentworth Avenue (near Museum Station), Sydney (Box 7049,



G.P.O., Sydney, 2001). On the application form provision is made for applicants to indicate preferences for courses available in any of the three Universities. Students are notified individually of the result of their applications and provided with information regarding the procedures to be followed in order to accept the offer of a place at this University and complete their enrolment at the Enrolment Bureau, Unisearch House, 221 Anzac Parade, Kensington.

## REQUIREMENTS FOR ADMISSION

A person who seeks to become a candidate for any degree of Bachelor of the University must first have qualified for matriculation and have satisfied the requirements for admission to the particular Faculty, course or subject chosen.

It should be noted that compliance with these conditions does not in itself entitle a candidate to enter upon a course. While it is the policy of the University to endeavour to admit all properly qualified applicants who have lodged applications by the appropriate closing date, it may be necessary at times to restrict the entry to one or more faculties because of lack of facilities.

A candidate who has satisfied the conditions for matriculation and for admission to a course of study shall be classed as a "matriculated student" of the University, after enrolment.

A person who has satisfactorily met the conditions for admission may be provided with a statement to that effect on the payment of the prescribed fee.

## SECTION A

### GENERAL MATRICULATION AND ADMISSION REQUIREMENTS

(for entry to the University in 1969 and until further notice)

1. A candidate may qualify for matriculation by attaining in recognised matriculation subjects at one New South Wales Higher School Certificate Examination or at one University of Sydney Matriculation Examination a level of performance determined by the Professorial Board from time to time.
2. The level of performance required to qualify for matriculation shall be
  - (a) passes in at least five recognised matriculation subjects, one of

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Note: Facilities available to the University will cause restrictions in 1970 on entry to the Faculties of Architecture, Arts, Commerce, and Medicine, and the School of Social Work.

which shall be English and three of which shall be at Level 2 or higher;

and

(b) the attainment of an aggregate of marks, as specified by the Professorial Board, in not more than five recognised matriculation subjects, such marks being co-ordinated in a manner approved by the Board.

3. The following subjects, and such other subjects as may be approved by the Professorial Board from time to time, shall be recognised matriculation subjects:—

English	Greek	Chinese
Mathematics	Latin	Japanese
Science	French	Hebrew
Agriculture	German	Dutch
Modern History	Italian	Art
Ancient History	Bahasa Indonesia	Music
Geography	Spanish	Industrial Arts
Economics	Russian	

4. A candidate who has qualified to matriculate in accordance with the provisions of Clauses 1, 2 and 3 may be admitted to a particular Faculty, Course or Subject provided that:—

(a) his qualification includes a pass at the level indicated in the subject or subjects specified in Schedule A as Faculty, Course or Subject Prerequisites;

or

(b) the requirements regarding these particular Faculty, Course or Subject Prerequisites, as specified in Schedule A, have been met at a separate Higher School Certificate or University of Sydney Matriculation Examination.

5. Notwithstanding any of the provisions of Clauses 1 to 4, the Professorial Board may grant matriculation status to any candidate at the Higher School Certificate or University of Sydney Matriculation Examination who has reached an acceptable standard and may admit him to any Faculty, Course or Subject.

## NOTE

1. For the purposes of clause 2(a), Mathematics and Science BOTH PASSED at First Level or Second Level Full Course shall together count as three subjects.
2. For the purposes of clause 2(b), Mathematics and Science TAKEN either singly or together at First Level or Second Level Full Course shall each count as one and one half subjects.

## SCHEDULE A

FACULTY OR COURSE	FACULTY OR COURSE PRE-REQUISITES
Applied Science (excl. Wool Technology course) Biological Sciences Engineering Industrial Arts course Medicine Military Studies (Engineering course and Applied Science course) Science Bachelor of Science (Education)	(a) Science at Level 2S or higher AND (b) either Mathematics at Level 2F or higher OR Mathematics at Level 2S, provided that the candidate's performance in this subject and his general level of attainment are at standards acceptable to the Professorial Board.
Architecture Wool Technology course (Faculty of Applied Science) Sheep and Wool Technology (Education option) course	(a) Science at Level 2S or higher AND (b) Mathematics at Level 2S or higher
Arts Social Work Degree course	English at Level 2 or higher
Commerce	(a) Mathematics at Level 2S or higher AND (b) either English at Level 2 or higher OR English at Level 3, provided that the candidate's performance in this subject and his general level of attainment are at standards acceptable to the Professorial Board.

*Continued next page*

FACULTY OR COURSE	FACULTY OR COURSE PREREQUISITES
Military Studies (Arts course)	English at Level 2 or higher; OR English at Level 3, provided that the candidate's performance in this subject and his general level of attainment are at standards acceptable to the Professorial Board, and provided that a candidate so qualified shall not enrol in a course of English literature.
SUBJECT	SUBJECT PRE-REQUISITES
1.011—Higher Physics I 1.001—Physics I 1.041—Physics IC	As for Faculty of Science
2.011—Higher Chemistry I 2.001—Chemistry I 17.001—General and Human Biology 25.001—Geology I	Science at Level 2S or higher
10.011—Higher Mathematics I	Mathematics at Level 2F or higher
10.001—Mathematics I	Either Mathematics at Level 2F or higher OR Mathematics at Level 2S, provided that the candidate's performance in the subject and his general level of attainment are at standards acceptable to the Professorial Board.
10.021—Mathematics IT	Mathematics at Level 2S or higher
15.102—Economics II	As for Faculty of Commerce

SUBJECT	SUBJECT PREREQUISITES
50.111—English I 51.111—History I	English at Level 2 or higher
56.111—French I	French at Level 2 or higher
59.111—Russian I	Russian at Level 2 or higher
64.111—German I	German at Level 2 or higher
65.111—Spanish I	Spanish at Level 2 or higher
59.001—Russian IZ 64.001—German IZ 65.001—Spanish IZ	A foreign language, other than that in which enrolment is sought, at Level 2 or higher

**SECTION B****SUPPLEMENTARY PROVISIONS FOR MATRICULATION**

1. Notwithstanding the provisions of Section A above, candidates may be accepted as "matriculated students" of the University under the following conditions subject to the approval of the Professorial Board:—
  - (a) Any person who holds a diploma from the New South Wales Department of Technical Education, or any other Technical College which may from time to time be recognised by the University, may be admitted to the University as a "matriculated student" with such status as the Board may determine, provided that, in the opinion of the Board, the applicant's qualifications are sufficient for matriculation to the Faculty nominated.
  - (b) The Board may admit as a "matriculated student" in any Faculty with such status as the Board may determine in the circumstances:
    - (i) A graduate of any approved University.
    - (ii) An applicant who presents a certificate from a University showing that he has a satisfactory record and is qualified for entrance to that University, provided that in the opinion of the Board there is an acceptable correspondence between the qualifying conditions relied upon by the applicant and conditions laid down for matriculation to the nominated Faculty of the University of New South Wales.
  - (c)
    - (i) Any person who has completed the first year of the course at the Royal Military College of Australia and submits a certificate from the Commandant to that effect may be admitted as a "matriculated student" of the University.
    - (ii) Any person who has completed a full course of at least three years' prescribed study at the Royal Military College of Australia and produces a certificate from the Commandant to that effect may be admitted as a "matriculated student" of the University with such status as the Board may determine.
  - (d) Any person who has completed satisfactorily the passing out examination of the Royal Australian Naval College and submits a certificate from the Commanding Officer may be admitted as a "matriculated student" of the University.

- (e) (i) Any person who has completed the first year of the course at the Royal Australian Air Force College and submits a certificate from the Commandant to that effect, may be admitted as a "matriculated student" of the University.
  - (ii) Any person who has completed two years of the course at the Royal Australian Air Force College and submits a certificate from the Commandant to that effect, may be admitted as a "matriculated student" of the University with such status as the Board may determine.
  - (f) An applicant who presents a certificate from another University showing that he is qualified for entrance to that University and setting out the grounds of such qualification, provided that, in the opinion of the Professorial Board, there is an acceptable correspondence between the qualifying conditions relied upon by the applicant and the conditions laid down for matriculation to the nominated Faculty of the University of New South Wales.
2. (a) The Professorial Board may in special cases, including cases concerning persons of other than Australian education, declare any person qualified to enter a Faculty as a "provisionally matriculated student" although he has not complied with the requirements set out above, and in so doing may prescribe the completion of certain requirements before confirming the person's standing as a "matriculated student". Students who satisfactorily complete these requirements will be permitted to count the courses so passed as qualifying for degree purposes.\*
- (b) Persons over the age of twenty-five years may be admitted to provisional matriculation status provided that—
- (i) they have satisfactorily completed an approved course of systematic study extending over at least three years after passing the School Certificate Examination, or
  - (ii) they satisfy the Professorial Board that they have reached a standard of education sufficient to enable them profitably to pursue the first year of the proposed course.
- (c) Any applicant for provisional status may be required to take such examination as the Professorial Board may prescribe before such status is granted.
3. The Professorial Board may at its discretion permit a person, who

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\*The Professorial Board has determined that normally confirmation of standing as a "matriculated student" will require the successful completion of not less than half the normal programme in the first year of enrolment.

does not satisfy the requirements for admission, to attend lectures in a subject or subjects at the University, on payment of the prescribed fees provided that such person shall not necessarily have the privileges of "matriculated students" and shall not be eligible to proceed to a degree.

CONDITIONS OF ADMISSION OF STUDENTS TO THE  
MEDICAL COURSE AND PROGRESSION INTO  
SECOND YEAR†

1. Admissions to the medical course will be at two levels—first year and second year.
2. Admission to the first year shall be on the basis of the aggregate of marks received in not more than five matriculation subjects at the Higher School Certificate Examination with a provision for admitting at this level some students who have qualified by other means deemed to be of equivalent or higher standard.
3. Admission to second year shall be on the following basis:—
  - (a) students admitted to the first year of the medical course who have passed all the examinations of the first year will be admitted to second year of the medical course irrespective of their performance relative to that of applicants in other categories;
  - (b) students who have been enrolled in the second year of the medical course and who have failed at their examinations and who are still eligible to continue in the medical course will be entitled to a place in second year;
  - (c) the remainder of the places in second year will be allocated to applicants on the basis of their performance as non-medical students in the subjects of the first year of the medical course or on the basis of their performance at examinations deemed to be of equivalent or higher standard.\*

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\*Applicants from this category of student must lodge an application with the Registrar on the appropriate form not later than thirtieth day of November in the year preceding the year in which the applicant desires to be admitted.

† The places available for allocation in this category will be small in number and are unlikely to exceed ten.



# ENROLMENT PROCEDURE

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## ENROLMENT PROCEDURE FOR FIRST YEAR STUDENTS

It is the policy of the University to endeavour to admit all properly qualified applicants who have lodged applications by the appropriate closing date. In 1970, however, facilities available to the University will make it necessary to impose quotas in the faculties of Architecture, Arts, Commerce and Medicine and the School of Social Work.

The enrolment procedure for the different classes of undergraduate students is as follows:—

### **First Enrolments**

#### *Students with Overseas Entry Qualifications*

Overseas students and Australian residents relying for admission on overseas qualifications must lodge an application for enrolment prior to October 31 of the year preceding that in which admission is sought.

#### *Local and Interstate Residents*

(a) Australian residents including students transferring from one course to another or from another University who have undertaken qualifying examinations in 1969 must lodge application for enrolment by January 19, 1970.

(b) Australian residents already qualified for admission and students wishing to resume University studies must apply for enrolment by October 31, 1969.

#### *First Year Repeat Students*

First year students who fail all subjects at the annual examinations and who are not granted any deferred examinations must apply for re-enrolment to the Admissions Office by January 19, 1970.

Application forms for enrolment and details of the application procedures may be obtained on application to the Registrar, P.O. Box 1, Kensington, 2033.

Students in the above categories whose applications for enrolment are accepted will be required to complete their enrolment at a specified appointment time before the start of first term. Fees must be paid on the day of the appointment. However, in special circumstances and provided class places are still available, students may be allowed to

complete their enrolment after the prescribed week subject to the payment of a late fee.

As from the beginning of 1968 a revised programme of pre-clinical studies was implemented in the medical course. The first year includes physics, chemistry, general and human biology, and an elective; Mathematics I will no longer be a compulsory subject. Furthermore, any student enrolling in Medicine I and passing his examinations will automatically progress to Medicine II. At the same time some opportunity will be retained to enable superior students from Science and other faculties to enter Medicine II direct, provided they have satisfied first year requirements. Accordingly, students duly enrolled in Medicine I and successful in their examinations will not need to apply for admission to the second year of the course; such application will only be necessary for those wishing to transfer from some other faculty or from another university. This application should be lodged with the Registrar not later than November 30 of the year in which the student expects to complete the requirements of the first year.

## ENROLMENT PROCEDURE FOR 2nd, 3rd, 4th, 5th and 6th YEAR MEDICAL STUDENTS

### General

Complete details on enrolment procedure (including the payment of fees) are set out in the booklet *Enrolment Procedure 1970 for Students Re-enrolling*.

To complete their enrolment, students are required to attend the appropriate enrolment centre on the prescribed date. Failure to do so will incur a late fee of \$7.

Fees should be paid at the time of enrolment, but they may be paid up to Friday, March 13, 1970, without a late fee being incurred. Students who pay fees after this date and before March 31 will incur a late fee of \$14. Fees will not be accepted after March 31 without the express approval of the Registrar, which will be given in exceptional circumstances only. In cases where such approval is granted, a late fee of \$28 is payable.

### 2nd Year Students

Lectures commence on March 2, 1970.

To complete their enrolment, students are required to attend Lecture Theatre 'D', Wallace Wurth School of Medicine, on Thursday, February 26, according to the following timetable:

Students with surnames "A"-"M": 10.00 a.m. to 12 noon.

Students with surnames "N"-"Z": 2.00 p.m. to 4.00 p.m.

**3rd Year Students**

Lectures commence on Monday, March 2, 1970.

To complete their enrolment, students are required to attend Lecture Theatre 'D', Wallace Wurth School of Medicine, on Wednesday, February 25, from 2 p.m. to 4 p.m.

**4th Year Students**

Lectures in fourth year medicine commence on Wednesday, January 28, 1970.

To complete their enrolment, students are required to attend Lecture Theatre 'D', Wallace Wurth School of Medicine, on Wednesday, January 28, from 2 p.m. to 4 p.m.

**5th Year Students**

Lectures in fifth year medicine commence on Monday, January 12, 1970.

To complete their enrolment, students are required to attend Lecture Theatre 'D', Wallace Wurth School of Medicine, on Thursday, January 8, from 2 p.m. to 4 p.m.

**6th Year Students**

Lectures in sixth year medicine commence on Monday, January 12, 1970.

To complete their enrolment, students are required to attend Lecture Theatre 'D', Wallace Wurth School of Medicine, on Wednesday, January 7, 1970, from 2 p.m. to 4 p.m.

## UNIVERSITY UNION CARD

All students other than miscellaneous students are issued with a University Union membership card. *This card must be carried during attendance at the University and shown on request.*

The number appearing on the front of the card in the space at the top right-hand corner is the student registration number used in the University's records. *This number should be quoted in all correspondence.*

The card must be presented when borrowing from the University libraries, when applying for travel concessions and when notifying a change of address. It must also be made valid for the year and returned. Failure to present the card could result in some inconvenience in completing re-enrolment.

A student who loses a Union card must notify the University Union as soon as possible.

*New students* will be issued with University Union cards by mail to their term address as soon as possible after fee payment. In the meantime, the fees receipt form should be carried during attendance at the University and shown on request. If the Union Card is not received within three weeks of fee payment the University Union should be notified.

## FEES

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**Fees quoted in this schedule are current at the time of publication and may be amended by the Council without notice.**

### COURSE FEES

#### **Medical Course (M.B., B.S.)**

Years 1-6 ..... \$132 per term

*Note:* Students are required to pay accommodation charges direct to teaching hospitals in respect of those sections of the course where they are required to be in residence.

#### **Bachelor of Science (Medicine) (B.Sc.(Med.)) Course**

One Year Course: \$396, or three payments of \$132.

### OTHER FEES

In addition to the course fees set out above, all registered undergraduates will be required to pay—

Matriculation Fee — \$8 — payable at the beginning of first year.

Library Fee — annual fee — \$14.

University Union\* — \$20 — entrance fee.

Student Activities Fees—

University Union\* — \$20 — annual subscription.

Sports Association\* — \$2 — annual subscription.

Students' Union\* — \$5 — annual subscription.

Miscellaneous — \$10 — annual fee.

Total — \$37.

Graduation fee — \$8 per degree — payable at the completion of the course.

Depending on the course being taken, students may also be required to pay—

Where notice of withdrawal from a course is received by the Registrar before the first day of First Term a refund of all fees paid other than the matriculation fee will be made.

Biochemistry Kit Hiring Charge — \$4 per kit. Additional charge for breakages and losses in excess of \$1 may be required.

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\* Life members of these bodies are exempt from the appropriate fee or fees.

Chemistry Kit Hiring Charge — \$4 per kit. Additional charge for breakages and losses in excess of \$1 may be required.

Excursion Fee — \$2 per subject (botany, zoology, entomology).

Anatomy Dissection Manual and Histology Slides deposit — \$10. (Refundable on return in satisfactory condition.)

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

#### Special Examination Fees—

Deferred examination — \$6 for each subject.

Examinations conducted under special circumstances — \$8 for each subject.

Review of examination result — \$8 for each subject.

### LATE FEES

#### First Enrolments

Fees paid on the late enrolment session and before the commencement of term .....	\$7
Fees paid during the 1st and 2nd weeks of term .....	\$14
Fees paid after the commencement of the 3rd week of term with the express approval of the Registrar and Head of the School concerned .....	\$28

#### Re-Enrolments—

##### *First Term—*

Failure to attend enrolment centre during enrolment week ....	\$7
Fees paid after the commencement of the 3rd week of term to March 31 .....	\$14
Fees paid after March 31 where accepted with the express approval of the Registrar .....	\$28

##### *Second and Third Terms—*

Fees paid in 3rd and 4th weeks of term .....	\$14
Fees paid thereafter .....	\$28
Late lodgement of corrected enrolment details forms (late applications will be accepted for three weeks only after the prescribed dates) .....	\$6

Students withdrawing from a course are required to notify the Registrar in writing. Fees for the course accrue until a written notification is received.

## WITHDRAWAL FROM COURSE

Where a student terminates for acceptable reasons a course of study before half a term has elapsed, one half of the term's fees may be refunded. Where a student terminates a course of study after half a term has elapsed, no refund may be made in respect of that term's fees.

The Library fee is an annual fee and is not refundable where notice of withdrawal is given after the commencement of First Term.

On notice of withdrawal a partial refund of the University Union Entrance Fee is made on the following basis; any person who has paid the entrance fee in any year and who withdraws from membership of the University Union after the commencement of first term in the same year, or who does not renew his membership in the immediately succeeding year may on written application to the Warden receive a refund of half the entrance fee paid.

On notice of withdrawal a partial refund of the Student Activities Fees is made on the following basis:

University Union — \$3.33 in respect of each half term.

University of New South Wales Students' Union — where notice is given prior to the end of the fifth week of first term \$2, thereafter no refund.

University of New South Wales Sports Association — where notice is given prior to April 30 a full refund is made, thereafter no refund.

Miscellaneous — where notice is given prior to April 30 \$5, thereafter no refund.

## PAYMENT OF FEES

### Completion of Enrolment

All students are required to attend the appropriate enrolment centre during the prescribed enrolment period\* for authorisation of course programme. Failure to do so will incur a late fee of \$7.

First year students (including students repeating first year) must complete enrolment (including fee payment) before they are issued with class timetables or permitted to attend classes. A first year student who has been offered a place in a course to which entry is restricted and fails to complete enrolment (including fee payment) at the appointed time may lose the place allocated.

Fees should be paid during the prescribed enrolment period but will be accepted up to Friday, March 13, 1970. (For late fees see above.)

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\*The enrolment periods for Sydney students are prescribed annually in the leaflets "Enrolment Procedure for New Students" and "Enrolment Procedure for Students Re-enrolling."

No student is regarded as having completed an enrolment until fees have been paid. Fees will not be accepted (i.e. enrolment cannot be completed) from new students after the end of the second week of term (i.e. March 13, 1970), and after March 31 from students who are re-enrolling, except with the express approval of the Registrar, which will be given in exceptional circumstances only.

### **Payment of Fees by Term**

Although the structure of the academic year in Medicine differs from that followed in other courses, medical students in common with other students are given the choice of paying fees by the year or in three instalments during the year. The first payment should be made on enrolment at the commencement of the year and the remaining payments on receipt of an account from the University.

The dates by which fee instalments must be paid, if a late fee is to be avoided, are the same for all courses. The final dates are:

1st payment ..... by March 13, 1970

2nd payment ..... by June 12, 1970

3rd payment ..... by September 11, 1970

### **Assisted Students**

Scholarship holders or Sponsored Students who have not received an enrolment voucher or appropriate letter of authority from their sponsor at the time when they are enrolling should complete their enrolment paying their own fees. A refund of fees will be made when the enrolment voucher or letter of authority is subsequently lodged with the Cashier.

### **Extension of Time**

Any student who is unable to pay fees by the due date may apply in writing to the Registrar for an extension of time. Such application must give year or stage, whether full-time or part-time, and the course in which the applicant wishes to enrol, state clearly and fully the reasons why payment cannot be made and the extension sought, and must be lodged before the date on which a late fee becomes payable. Normally the maximum extension of time for the payment of fees is until March 31 for fees due in First Term and for one month from the date on which a late fee becomes payable in respect of the second and third payments.

Where an extension of time is granted to a first year student in First Term, such student may only attend classes on the written authority of the Registrar, but such authority will not normally be given in relation to any course where enrolments are restricted.



**Failure to Pay Fees**

Any student who is indebted to the University and who fails to make a satisfactory settlement of his indebtedness upon receipt of due notice ceases to be entitled to membership and privileges of the University. Such a student is not permitted to register for a further term, to attend classes or examinations, or to be granted any official credentials.

No student is eligible to attend the annual examinations in any subject where any portion of his course fees for the year is outstanding after September 25, 1970.

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

# GENERAL RULES

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## GENERAL CONDUCT

Acceptance as a member of the University implies an undertaking on the part of the student to observe the regulations, by-laws and other requirements of the University, in accordance with the declaration signed at the time of the enrolment.

In addition students are expected to conduct themselves at all times in a seemly fashion. Smoking is not permitted during lectures, in examination rooms or in the University Library. Gambling is also forbidden.

Members of the academic staff of the University, senior administrative officers, and other persons authorised for the purpose, have authority, and it is their duty, to check and report on disorderly or improper conduct or any breach of regulations occurring in the University.

## ATTENDANCE AT CLASSES

Students are expected to be regular and punctual in attendance at all classes in the course or subject in which they are enrolled. All applications for exemption from attendance at lectures or practical classes must be made in writing to the Registrar.

In the case of illness or of absence for some other unavoidable cause a student may be excused by the Registrar from non-attendance at classes for a period of not more than one month, or on the recommendation of the Dean of the appropriate Faculty for any longer period.

Applications to the Registrar for exemption from re-attendance at classes, either for lectures or practical work, may only be granted on the recommendation of the Head of the appropriate School. The granting of an exemption from attendance does not carry with it exemption from payment of fees.

Application forms for exemption from lectures are available at the Admissions Office and should be lodged there (with a medical certificate where applicable). If term examinations have been missed this fact should be noted in the application.

Where a student has failed a subject at the annual examinations in any year and re-enrols in the same course in the following year, he must include in his programme of studies for that year the subject in which he has failed. This requirement will not be applicable if the subject is not offered the following year; 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.

Where a student has attended less than eighty per cent of the possible classes, he may be refused permission to sit for the examination in that subject.

## ANNUAL EXAMINATIONS

Timetables showing time and place at which individual examinations will be held are posted on the central notice boards. Misreading of the timetable is not an acceptable excuse for failure to attend an examination. Examination results are posted to the term addresses of students. No results will be given by telephone.

Examination results may be reviewed for a fee of \$8 a subject, which is refundable in the event of an error being discovered. Applications for review must be submitted on the appropriate form, together with the necessary fee by the date indicated on the notification of results.

In the assessment of a student's progress in University courses, consideration is given to work in laboratory and class exercises and to any term or other tests given throughout the year, as well as to the annual examination results.

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 at an examination 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 not later than seven days after the date of the examination.

All medical certificates should be as specific as possible concerning the severity and duration of the complaint and its effect on the student's ability to take the examinations.

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.

A student suffering from a physical disability which puts him at a disadvantage in written examinations may apply to the Registrar for special provision when examinations are taken. The student may be required to support his request with medical evidence.

All students will receive an enrolment details form by June 30. It is not necessary to return this form, unless any information recorded there is incorrect. Amended forms must be returned to the Examinations Branch by July 17. Amendments notified after the closing date will not be accepted unless exceptional circumstances exist and approval is obtained from the Registrar. Where a late amendment is accepted, a late fee of \$6.00 will be payable. Amended forms returned to the Registrar will be acknowledged in writing within fourteen days.

## DEFERRED EXAMINATIONS

Deferred examinations may be granted in the following cases:

- (i) When a student through illness or some other acceptable circumstances has been prevented from taking the annual examination or has been placed at a serious disadvantage during the annual examinations. Applications for deferred examination in this category must be lodged with the Registrar with appropriate evidence of the circumstances (e.g., medical certificate) not later than seven days after the examination concerned.

All such applications shall be reported to the Head of the School responsible for the subject. Before a deferred examination is granted on medical grounds, regard shall be paid to the student's class and assignment work in the subject, to his general performance in the year, and to the significance of the annual examination in compiling the composite mark.

- (ii) To help resolve a doubt as to whether a student has reached the required standard in a subject.
- (iii) To allow a student by further study to reach the required standard in a subject. The granting of a deferred examination in such cases will be based on the general quality of the student's performance.
- (iv) Where a student's standing at the annual examinations is such

that his progression or graduation could depend on his failure in one subject only, then his position in that subject shall be again reviewed with a view to determining whether a deferred examination may be granted notwithstanding his failure otherwise to qualify for such concession.

Deferred examinations must be taken at the centre in which the student is enrolled, unless he has been sent on compulsory industrial training to remote country centres or interstate. An application to take an examination away from the centre in which enrolled must be lodged with the Registrar immediately examination results are received. Normally, the student will be directed to the nearest University for the conduct of the deferred examination.

A student eligible to sit for a deferred examination must lodge with the Accountant an application accompanied by the fee of \$6 per subject, by the date indicated on the notification of results.

### APPLICATION FOR ADMISSION TO DEGREE

Applications for admission to a degree of the University must be made on the appropriate form by January 14.

### RESTRICTION UPON STUDENTS RE-ENROLLING

The University Council has adopted the following rules governing re-enrolment with the object of requiring students with a record of failure to show cause why they should be allowed to re-enrol and retain valuable class places. These rules will be applied retrospectively from January, 1971.

- 1 (i) A student shall show cause why he should be allowed to repeat a subject in which he has failed more than once. (Failure in a deferred examination as well as in the annual examination counts, for the purpose of this regulation, as one failure.) Where such subject is prescribed as a part of the student's course he shall be required to show cause why he should be allowed to continue the course.

Notwithstanding the provisions of Clause 1 (i)

- (ii) A student enrolled in the first year or first stage of any course, other than the Medical course, who has failed in more than half the programme in which he is enrolled for that year or stage shall be required to show cause why he should be allowed to continue in the course.
- (iii) A student enrolled in the first year of the Medical course who has failed in more than one subject of that year shall

be required to show cause why he should be allowed to continue in the Medical course.

- 2 Notwithstanding the provisions of clause 1, a student shall be required to show cause why he should be allowed to continue a course which he will not be able to complete in the time set down in the following schedule:

Number of years in course	Total time allowed from first enrolment to completion (years)
3	5
4	6
5	8
6	9
7	11
8	12

- 3 No full-time student shall, without showing cause, be permitted to continue a course unless all subjects of the first year of his course are completed by the end of his second year of attendance. No student in the Faculty of Arts shall, without showing cause, be permitted to continue a course unless he completes four subjects by the end of his second year of attendance.

No part-time student shall, without showing cause, be permitted to continue a course unless all subjects of the first two stages of his course are completed by the end of his fourth year of attendance and all subjects of the third and fourth stages of his course by the end of his seventh year of attendance.

No student in the Faculty of Medicine shall, without showing cause, be permitted to continue with the medical course unless he completes the second year of the course by the end of his third year of attendance, and the third year of the course by the end of his fourth year of attendance.

- 4 A student who has a record of failure in a course at another University shall be required to show cause why he should be admitted to this University. A student admitted to a course at this University following a record of failure at another University shall be required to show cause, notwithstanding any other provisions in these rules, why he should be permitted to continue in that course if he is unsuccessful in the annual examinations in his first year of attendance at this University.

- 5 Any student excluded under any of the clauses 1-3 may apply for re-admission after two academic years and such application shall be considered in the light of any evidence submitted by him.
- 6 A student wishing "to show cause" under these provisions shall do so in writing to the Registrar. Any such application shall be considered by the Professorial Board, which shall determine whether the cause shown is adequate to justify his being permitted to continue his course or re-enrol as the case may be.
- 7 The Vice-Chancellor may on the recommendation of the Professorial Board exclude from attendance in a course or courses any student who has been excluded from attendance in any other course under the rules governing re-enrolment and whose record at the University demonstrates, in the opinion of the Board and the Vice-Chancellor, the student's lack of fitness to pursue the course nominated.
- 8 A student who has failed, under the provisions of clause 6 of these rules, to show cause acceptable to the Professorial Board why he should be permitted to continue in his course, and who has subsequently been permitted to re-enrol in that course or to transfer to another course, shall also be required to show cause, notwithstanding any other provisions in these rules, why he should be permitted to continue in that course if he is unsuccessful in the annual examinations immediately following the first year of re-suspension or transfer of enrolment as the case may be.
- 9 A student may appeal to an Appeals Committee constituted by Council for this purpose, against his exclusion by the Professorial Board from any subject or course.

# STUDENT SERVICES

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## THE LIBRARY

The University Library is located on the Upper Campus adjacent to the Chancellery, the Commerce Building and the Arts Building.

The Library's Undergraduate Collection covers the teaching and research interests of the Faculty, and students are expected to read widely and critically from it.

It is recommended that students attend the *Introduction to the Library* which is held at advertised times during Orientation Week and the first week of term. The *Introduction* uses audio-visual aids to describe the physical layout of the undergraduate library and the services available to readers.

Copies of the booklet *Guide to the Library* are available on request.

Students who are interested in a subject approach to information may attend a course which outlines methods of searching for information in libraries. This course runs for eight hours over a period of one week.

Individual assistance for readers with specific library problems is provided by the *Reader Assistance Unit* which is located in the foyer.

## STUDENT ACCOMMODATION

### Residential Colleges

Accommodation for students is provided within the complex of the Residential Colleges of the University which comprise Basser College, Goldstein College, and the Philip Baxter College. The College complex houses 500 men and women students, as well as staff members. Tutors in residence provide tutorial assistance in a wide range of subjects.

Board and residence fees, which are payable on a term basis, amount to \$20.00 per week. Intending students should apply in writing to the Master, Box 24, Post Office, Kensington, N.S.W. 2033, from whom further information is available.

Accommodation is also available at International House, New College (Church of England) and Warrane College (Roman



Catholic). Students should write to the college of their choice for information regarding accommodation.

### **Other Accommodation**

Students requiring other than Residential College accommodation may make application to the Student Amenities Service where current lists are kept of accommodation available at recognised boarding houses, private homes, and in serviced and unserviced apartments.

## THE UNIVERSITY OF NEW SOUTH WALES MEDICAL SOCIETY

An active Medical Society is in existence and membership is open to all undergraduates in medicine. The objects of the Medical Society are:

- (a) To promote and further a University spirit among its members.
- (b) To initiate and provide social, educational and cultural activities for its members.
- (c) To represent its members in all matters affecting their interests and to afford a liaison between members and the University authorities.
- (d) To produce publications in the furtherance of the above objects.

The Society organises a variety of social functions, including an Annual Ball and Medical Dinner.

# SCHOLARSHIPS

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## **Commonwealth Scholarships**

Students enrolling in the medical course are eligible to apply for the award of a Commonwealth Scholarship in accordance with the rules laid down under the Commonwealth Scholarship Scheme. Benefits include payment of all tuition fees and other compulsory University fees; a living allowance is also payable if the applicant satisfies a means test. The closing date for applications is September 30 in the year immediately preceding that for which the scholarship is desired. Applications for renewal of scholarships must be made before October 31 each year. Full particulars and application forms may be obtained from the Department of Education and Science, La Salle Building, 70 Castlereagh Street, Sydney, 2000. (Telephone 2-0323.)

## **University Scholarships**

The University annually awards up to fifteen scholarships tenable in degree courses to students who have matriculated at the Higher School Certificate Examination; ten scholarships to students who have completed certificate courses (Department of Technical Education); ten scholarships to students who have completed Trade Courses (Department of Technical Education); and ten scholarships to part-time students who have taken the Diploma Entrance course of the Department of Technical Education. The scholarships are tenable in any faculty and exempt the holder from payment of course fees during the currency of the scholarship. Scholarships will be awarded in order of merit on Higher School Certificate Examination results. They may be held only by persons who do not hold another award. Applications must be lodged within seven days of the publication of the results of the New South Wales Higher School Certificate examination.

## **National Heart Foundation of Australia**

### **Undergraduate Medical Research Scholarships**

The National Heart Foundation annually awards one scholarship to a student proceeding to the degree of Bachelor of Science (Medicine). The object of the scholarship is to encourage an interest by medical undergraduates in research related to cardiovascular diseases. The scholarship is valued at \$400 per annum, but if the scholar is in receipt of a Commonwealth Scholarship living allowance, this figure

may be adjusted to an amount between \$312 and \$400 per annum. The scholarship is tenable for one year.

In addition to the above scholarships the National Heart Foundation also offers a number of Vacation Scholarships designed to give selected undergraduates an opportunity to participate during the Long Vacation in research projects, broadly related to cardiovascular function and disease. The scholarships are valued at \$20 per week and are tenable for four to eight weeks during the vacation.

Applications should be made by letter to the Registrar, P.O. Box 1, Kensington, N.S.W. 2033.

### **National Health and Medical Research Council Scholarships**

The National Health and Medical Research Council offers a number of scholarships annually to students entering the Bachelor of Science (Medicine) course. The scholarships have a value of \$260-\$400 and may be held concurrently with a Commonwealth Scholarship.

### **The Asthma Foundation of New South Wales**

The Board of the Asthma Foundation of New South Wales has made available the sum of \$1000 to support undergraduate work broadly related to asthma. This could take the form of vacation or B.Sc.(Med.) scholarships.

## PRIZES

FIELD	TITLE	VALUE	QUALIFICATIONS
GENERAL	The Wallace Wurth Prize for general proficiency at graduation.	\$200 annually	Awarded to the final year student who at graduation has shown the highest general proficiency throughout the course.
PUBLIC HEALTH	Department of Public Health prize.	\$50 annually	Awarded to the best student in Public Health and Social Medicine in the fifth year.
SURGERY	The Graduation Prize for surgery.	\$100 annually	Awarded to the best student in surgery in the sixth year.
GENERAL MEDICINE	The Australian College of General Practitioners' Prize.	\$50 annually	Awarded to sixth year student submitting best essay on "The Potential of the General Practitioner in Promoting Child Health".
ANATOMY	The Prize in Practical Anatomy.	\$30 annually	Awarded to the second year student who most excels in practical anatomy (including Radiological Anatomy).

FIELD	TITLE	VALUE	QUALIFICATIONS
OBSTETRICS and GYNAECOLOGY	F. J. Browne Memorial Prize for Obstetrics and Gynaecology.	\$50 annually	Awarded to student with highest standing in the final written and practical examinations in obstetrics and gynaecology.
OBSTETRICS and GYNAECOLOGY	The Gordon Lowe Memorial Prize in Clinical Obstetrics and Gynaecology.	\$50 (approx.) annually	Awarded to final year student for general proficiency in the clinical and oral examination in obstetrics and gynaecology.
OPHTHALMOLOGY	The Ophthalmological Society of Australia prize.	\$50 annually	Awarded to final year student for best essay on a nominated ophthalmological subject.
GENERAL MEDICINE	The Medical Staff Association prize.	\$100 annually	Awarded to final year student for best general proficiency in the clinical years.
MEDICINE	The W. G. Telleson Memorial Prize in Medicine.	At least \$31.50 annually	Awarded to the best fifth year student in medicine.
PRE-CLINICAL	The Prince of Wales Hospital Ladies' Auxiliary prize.	\$100 annually	Awarded to third year student for general proficiency in the second and third years of the medical course.

## MEDICAL COURSE (M.B., B.S.)

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The medical course extends over six years of full-time study leading to the degrees of Bachelor of Medicine (M.B.) and Bachelor of Surgery (B.S.) which have been recognised (1967) by the General Medical Council of the U.K. 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.

The course consists of one year of pre-medical studies, followed by two years of mainly pre-clinical studies, and three years devoted mainly to clinical studies.

Throughout the curriculum there will be an emphasis on co-ordination and integration of teaching, both between the various pre-clinical subjects and between the pre-clinical and the clinical subjects. Classes will, where possible, be kept to small groups, and teaching methods will place great reliance on group tutorial teaching, both in the laboratories and at the bedside.

### The First (Pre-medical) Year

The syllabus for first year is given in the following outline:

#### FIRST YEAR

		Hours per week for 30 Weeks		
		Lec.		Lab./Tut.
1.061	Physics IM .....	3	—	3
2.011	Higher Chemistry I <i>or</i> }	2	—	4
2.001	Chemistry I .....			
17.001	General and Human Biology ....	2	—	4
One Elective*				

\*The elective subjects may be any one of those set out below, provided that:

- (i) the elective can be satisfactorily timetabled in relation to the other first year subjects;
- (ii) the student has satisfied the prerequisites, if any, for the elective;
- (iii) the student has obtained the approval of the Head of the School responsible for the elective; and

- (iv) in satisfying the General Studies requirements in the later years of the Medical course, a student shall not take a subject in the same area as the elective subject chosen in first year, unless he takes it at a higher level than the electives originally chosen.
- (v) The approved electives are: 5.001 Engineering I, 10.011 Higher Mathematics I, 10.001 Mathematics I, 10.021 Mathematics IT, 12.001 Psychology I, 14.111 Accounting I, 15.101 Economics I, 25.001 Geology I, 27.001 Geography I, 50.111 English I, 51.111 History I, 52.111 Philosophy I, 53.111 Sociology I, 54.111 Political Science I, 56.111 French I, 64.001 German IZ, 64.111 German I, 65.001 Spanish IZ, 65.111 Spanish I, 57.211 Drama I, 59.111 Russian I, 62.111 History and Philosophy of Science I.

### **The Pre-clinical Years (Second and Third Years)**

After enrolment in the second year, students will receive full-time instruction in the subjects of the pre-clinical and clinical courses. Final examinations in each of the three subjects in second year will be held at the end of second year.

There will be an examination in each of the seven subjects taught in third year at the end of third year. Students will not be allowed to carry any subject (including General Studies) into fourth year.

A student who has failed more than once to qualify for entry to third year is required to show cause why he should be allowed to re-enrol in the medical course (see "Restriction upon Students Re-enrolling" earlier in the Handbook).

The syllabus for the pre-clinical course is shown in the following pages.

## SECOND YEAR

		Hours per Week for 31 Weeks					
		Term 1 (11 weeks)		Term 2 (10 weeks)		Term 3 (10 weeks)	
		Lec.	Lab./Tut.	Lec.	Lab./Tut.	Lec.	Lab./Tut.
41.121	Biochemistry .....	3	— 5	3	— 5	3	— 5
70.111	Human Anatomy ...	6	— 8 <sup>†</sup>	6	— 8 <sup>†</sup>	6	— 8 <sup>†</sup>
General Studies Elective		1	— $\frac{1}{2}$	1	— $\frac{1}{2}$	1	— $\frac{1}{2}$
		10	— 13 $\frac{1}{2}$	10	— 13 $\frac{1}{2}$	10	— 13 $\frac{1}{2}$

<sup>†</sup>This period includes dissection room instruction, demonstrations and tutorial classes in topographical, living and radiological anatomy.

## THIRD YEAR

		Hours per Term for 31 Weeks					
		Term 3.1 (11 weeks)		Term 3.2 (10 weeks)		Term 3.3 (10 weeks)	
		Lec.	Other	Lec.	Other	Lec.	Other
12.131	Psychology* .....	30	20	20	10	—	—
44.211	Microbiology .....	20	—	30	30	30	30
72.211	General Pathology ...	12	8	20	20	20	20
73.111	Physiology .....	50	90	40	60	20	10
73.211	Pharmacology .....	—	—	30	—	20	10
78.111	Medical Statistics and Human Genetics .....	10	10	—	—	20	20
General Studies subject .....		10	5	10	5	10	5
		132	133	150	125	120	95

\* 26.121 Psychology may not be taken as a general studies elective by medical students.

### The Clinical Years (Fourth, Fifth and Sixth Years)

The clinical curriculum includes instruction in medicine, surgery, obstetrics and gynaecology, paediatrics, psychiatry, pathology, human genetics, public health and social medicine, forensic medicine, venereal disease, and the legal and ethical obligations of registered medical practitioners.

These subjects will be taught largely in the teaching hospitals of the University. Instruction will be chiefly by bedside teaching and tutorials. Active student participation will be ensured by arranging for all students to serve as clinical clerks for a period of some two years.



The three clinical years are each made up of four terms. With the exception of the first and third terms of fourth year, which are of seven and eight weeks respectively, all terms are of ten weeks. The amount of rostered time will be restricted to not more than 27 hours each week. This should allow at least one half-day of free time each week. In addition, electives may be offered in the final two years of the course.

#### FOURTH YEAR

		Hours per term			
		Term 1 (7 weeks)	Term 2 (10 weeks)	Term 3 (8 weeks)	Term 4‡ (10 weeks)
		Lec. Other*	Lec. Other*	Lec. Other*	
71.111	Introductory Medicine including Applied Pharmacology, Parasitology and Tropical Medicine .....	18 — 48	60 — 60	40 — 36	
72.091	Clinical Laboratory Methods .....	0 — 0	0 — 0	0 — 25	
72.111	General Pathology .....	30 — 30	35 — 40	36 — 8	
74.111	Introductory Surgery .....	0 — 0	0 — 40	0 — 36	
75.111	Introductory Obstetrics & Gynaecology†	10 — 0	0 — 0	0 — 0	
76.111	Introductory Paediatrics† ...	16 — 0	0 — 0	0 — 0	
77.111	Introductory Psychiatry .....	18 — 0	0 — 0	0 — 0	
	General Studies				
	Elective .....	45 hours spread over four terms			

\*Includes tutorials, laboratory work and, where applicable, tutorial time in wards and clinics.

† Taught in week 1 only in term 1. All other subjects in term 1 are taught in weeks 2 to 7.

‡In Term 4 in fourth year students enter the first blocks of clinical teaching as shown hereafter under "Block Teaching Arrangements".

## BLOCK TEACHING ARRANGEMENTS

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Under these arrangements the syllabus will not be fragmented, but instead individual fields will be compacted to form blocks of teaching, and in place of studying a number of subjects concomitantly, students will concentrate on one subject for a whole term. For this purpose, on entering Term 4 in fourth year, students will be allocated to a particular group—Group A, B, C, or D—and will follow the programme of that group for four terms. On entering Term 5.4 another cycle of activities will be pursued.

A teaching block will consist of all working days except Wednesday mornings in a ten-week term. On Wednesday mornings preventive medicine, medical sociology, forensic medicine, venereology, combined seminars and general studies will be timetabled.

### TEACHING BLOCKS

GROUP	A.	B.	C.	D.
Term 4.4	Medicine	Surgery	Paediatrics	Psychiatry
Term 5.1	Paediatrics	Psychiatry	Medicine	Surgery
Term 5.2	Surgery	Paediatrics	Psychiatry	Medicine
Term 5.3	Psychiatry	Medicine	Surgery	Paediatrics
Term 5.4	Medicine	Surgery	Obstetrics & Gynaecology	Residency
Term 6.1	Surgery	Obstetrics & Gynaecology	Residency	Medicine
Term 6.2	Obstetrics & Gynaecology	Residency	Medicine	Surgery
Term 6.3	Residency	Medicine	Surgery	Obstetrics & Gynaecology
Term 6.4	Final Re- vision and Examination	Final Re- vision and Examination	Final Re- vision and Examination	Final Re- vision and Examination

The following should be noted:

1. Students will be required to attend autopsy demonstrations totalling 40 hours during Fifth and Sixth Years.
2. Residency periods will be offered in each of the clinical subjects.
3. Electives may be offered.

## BACHELOR OF SCIENCE (MEDICINE)

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### Conditions for the Award of the Degree

The following conditions have been approved for the award of the degree of Bachelor of Science (Medicine)—B.Sc.(Med.):

- (i) medical students may enrol for the degree of Bachelor of Science (Medicine) in one of the following subjects of the medical curriculum:  
Anatomy, Biochemistry, Human Genetics, Microbiology, Pathology, Pharmacology or Physiology;
- (ii) the student's performance in the subject of his choice shall have been of a high standard and the student may register as a candidate for the degree, subject to the permission of the Head of the School concerned;
- (iii) enrolment may be effected at the end of the third year or at the end of the third term of the fourth year in any of the above subjects, but students intending to enrol in the subjects Anatomy or Biochemistry may lodge applications at the end of the second year of the course.
- (iv) the course in each subject shall be a special course designed to introduce the student to research in the particular discipline and shall consist of such formal and special work and such examinations as the Head of the School shall prescribe;
- (v) the award upon completion of the course shall be Bachelor of Science (Medicine) Honours Class I, Honours Class II, Division I, Honours Class II, Division II or pass level; if the performance of the student has been unsatisfactory, no award shall be made;
- (vi) the duration of the course shall be one year;
- (vii) a student may qualify for the award of the degree of Bachelor of Science (Medicine) at the conclusion of such year.

# DESCRIPTIONS OF SUBJECTS

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## SCHOOL OF PHYSICS

### 1.061 Physics IM

A terminating subject taken only by students in the Faculty of Medicine. Consists of Units 1, 3, 6, 8, 9, 11-14.

#### UNITS

1. *Mechanics I* Kinematics. Centripetal acceleration. Newton's laws of motion. Momentum. Impulse. Work, energy and power. Friction. Conditions of equilibrium. Simple harmonic motion.
3. *Wave Motion* Equation of wave motion. Longitudinal and transverse waves. Sound waves. Superposition of waves. Energy current. Stationary waves. Resonance. Beats, Doppler effect.
6. *Properties of Matter* Hydrostatics. Pressure. Pascal's and Archimedes' principles. Hydrodynamics. Bernoulli's theorem. Viscosity. Surface tension. Elasticity. Young's, bulk and shear moduli. Poisson's ratio.
8. *D.C. Circuits* Conductance. E.M.F. Resistivity and temperature coefficient. Power. Kirchhoff's rules and Thevenin's theorem. D.C. measurements. D.C. transients in RL and RC circuits.
9. *A.C. Circuits* Series LRC circuits. Reactance and impedance. Power factor. Phase amplitude diagram and complex notation. Series and parallel resonance. Transformer. A.C. instruments.
11. *Electronics* Diode as rectifier. Filters. Triodes, and triode parameters. Load line. Triode as amplifier and oscillator. Transistor amplifier. Instruments.
12. *Heat* Temperature measurement. Heat capacity. First law of thermodynamics. Calorimetry. Atomic heat of solids. Kinetic theory. Non-ideal gases. Van der Waals' equation. P-V isotherms. Conduction and radiation of heat. Pyrometers.
13. *Biophysics* Radioactivity, detectors, radioisotopes. Radiation, radiation biology. X-ray methods, structure of macromolecules. Mechanical and electrical properties of muscle. The nerve impulse.
14. *Geometrical Optics* Reflection, refraction, image formation, aberrations. Optical instruments, microscope, spectroscope and the eye.

#### TEXTBOOKS

- George, E. P. *Biophysics*. N.S.W. Univ. Press.
- Halliday, D., and Resnick, R. *Physics for Students of Science and Engineering*. Vols. I & II, or combined volume. Wiley, 1960.
- Russell, G. J., and Mann, K. *Alternating Current Circuit Theory*. N.S.W. Univ. Press.

## SCHOOL OF CHEMISTRY

**2.001 Chemistry I**

Classification of matter and theories of the structure of matter. Atomic structure, the periodic table and chemical behaviour. Chemical bonds and molecular structure. Equilibrium and change in chemical systems. The structure, nomenclature and properties of organic compounds. Reactions of organic compounds.

**2.011 Higher Chemistry I**

Subject-matter same as 2.001, but treated in greater depth.

## TEXTBOOKS

- Ander, P., and Sonnessa, A. J. *Principles of Chemistry*. Collier-Macmillan, 1966.
- Aylward, G. A., and Findlay, T. J. V. *Chemical Data Book*. 2nd ed. John Wiley & Sons, Sydney, 1966.
- Barrow, G. M., Kenney, M. E., Lassila, J. D., Litle, R. L., and Thompson, W. E. *Understanding Chemistry*. Vols. I-V. Benjamin, N.Y., 1967.
- Chemistry I—Laboratory Manual*. Univ. of N.S.W., 1969.
- Hart, H., and Schuetz, R. D. *Organic Chemistry*. Feller & Simons, 1967.
- Sorum, C. H. *General Chemistry Problems*. 4th ed. Prentice-Hall, N.J., 1969.
- Turk, A., Meislich, H., Brescia, F., and Arents, J. *Introduction to Chemistry*. Academic, 1968.
- Chemistry I—Laboratory Manual*. Univ. of N.S.W., 1969.

## SCHOOL OF APPLIED PSYCHOLOGY

**12.131 Introductory Psychology**

Designed (a) to introduce medical students to the systematic and developmental study of the person, to acquaint them with the nature, growth and function of personality and to examine some of the basic psychological processes in learning, motivation, and perception; (b) as an introduction to the nature and measurement of individual differences—abilities and aptitudes; and (c) to examine some of the psychological problems involved in illness and its treatment from the point of view of the patient and of the doctor. Topics include: problems of growth and development, individual differences, learning and remembering, perceptual and cognitive processes, emotion, personality, psychological measurement and assessment, social psychology, dynamic and interpersonal problems in medicine.

## TEXTBOOK

- Engel, G. L. *Psychological Development in Health and Disease*. Saunders, 1963.

## BIOLOGICAL SCIENCES

**17.001 General and Human Biology**

Characteristics of living organisms. Properties of living matter. Cell structure and function. Life cycles. An introduction to biochemistry, ultrastructure, genetics and cytology. Plant structure and function. Physiology of vertebrate animals, human biology and variation. The biology of microorganisms. Evolution. Anatomy and histology of selected animals. Practical work to illustrate the lecture course.

## TEXTBOOKS

Abercrombie, M., Hickman, C. J., and Johnson, M. L. *A Dictionary of Biology*. Penguin, 1967.

Keeton, W. T. *Biological Science*. Norton, 1967, New York.

## SCHOOL OF BIOCHEMISTRY

**41.121 Biochemistry**

Is aimed at preparing the preclinical student for his later clinical studies. It is seen as part of the overall course which by the end of third year, together with Anatomy and Physiology, gives the student a background of human biology on which to build his later studies of human disease and the practice of medicine and surgery. The principal topics to be covered are as follows:

Physical and chemical properties and roles of the principal biological constituents. Catalysis in biological systems. Metabolism of the principal cell constituents. The molecular anatomy of cells. Multicellular organisation. The biochemistry of body fluids and specialised tissues. Intermediary metabolism in man. Regulation of metabolic processes. Nutrition. Practical work to illustrate the lecture course.

## TEXTBOOKS

Bennett, T. P. *Graphic Biochemistry: Chemistry of Biological Molecules*. Vol. 1. Macmillan, 1968.

Bennett, T. P. *Graphic Biochemistry: Metabolism of Biological Molecules*. Vol. 2. Macmillan, 1968.

Karlson, P. *Introduction to Modern Biochemistry*. 3rd ed. Academic Press, 1968.

Stephenson, W. K. *Concepts of Biochemistry. A Programmed Text*. Wiley, 1967.

West, E. S., Todd, W. R., Mason, H. S., and van Bruggen, S. T. *Textbook of Biochemistry*. 4th ed. Collier Macmillan, 1966.

## OR

White, A., Handler, R., and Smith, E. L., *Principles of Biochemistry*. 4th ed. McGraw-Hill, 1968.

## SCHOOL OF MICROBIOLOGY

**44.211 Microbiology**

Provides a background to the diagnosis, treatment and prevention of bacterial, fungal and viral diseases of man. Includes a study of the general nature and properties of these organisms and emphasizes the modes of transmission, mechanisms of pathogenesis and techniques for laboratory diagnosis of those organisms commonly associated with human disease. The mode of action and use of antibiotics, together with the genetic and practical implications of drug resistance. The principles of sterilization and disinfection and their application to medical practice. In addition, a short integrated course in immunology, its relation to human biology and medicine, is provided.

## TEXTBOOKS

Jawetz, E., et al. *Review of Medical Microbiology*. 8th ed. Laage, 1968.

\* *Laboratory Manual for Bacteriological Techniques*, University of Melbourne, 1970.

\* *Laboratory Manual for Systematic Medical Microbiology—University of Melbourne*, 1970.

## SCHOOL OF ANATOMY

**70.111 Human Anatomy**

A horizontally-integrated theoretical and practical course, stressing the structural basis of function. Topographical anatomy using prosected anatomical specimens. Mammalian histology and neuroanatomy. Developmental anatomy. Radiological anatomy, living and radiological anatomy. Gross cadaveric, living radiological, microscopic and developmental anatomy are dealt with *pari passu*.

## PRELIMINARY READING

Le Gros Clark, W. *The Tissues of the Body*. Oxford University Press, 5th ed., 1965, pp. 423 (\$8.55).

## TEXTBOOKS

Gardner, E., Gray, D. J. and O'Rahilly, R. *Anatomy, A Regional Study of Human Structure*. W. B. Saunders, Philadelphia, 2nd ed., 1965, pp. 1006 + vii (\$17.50).

Langman, J. *Medical Embryology*. 2nd ed. Williams & Wilkins Co., 1968. (\$9.00 approx.)

Leeson, C. R. and Leeson, T. S. *Histology*. Saunders, 1966, pp. 492 + x (\$8.00).

Noback, C. R. *The Human Nervous System*. McGraw-Hill, 1967.

## ESSENTIAL EQUIPMENT

Three long white coats exclusively for use in the School of Anatomy.

Instruments: Two pairs of 6" dissecting forceps.

One disarticulated half-skeleton. This may be purchased through the School of Anatomy by arrangement.

\* *Note:* These books must be obtained from the Department of Medical Microbiology; students will be advised when they are available.



## SCHOOL OF MEDICINE

**71.111 Introductory Medicine**

Lectures and practical work in the wards designed to illustrate the symptomatology of disease, the mode of production of symptoms, the essentials of physical examination.

## TEXTBOOKS

- Chamberlain, E. N. *Symptoms and Signs in Clinical Medicine*. 8th ed. Wright, Bristol, 1967. (\$9.15)
- Davidson, Sir S. *The Principles and Practice of Medicine*. 9th ed. Livingstone, Edin., 1968. (\$7.50)
- Houston, J. C., Joiner, C. L., and Trounce, J. R. *A Short Textbook of Medicine*. 3rd ed. E.U.P., 1968. (\$4.25)
- Major, R. H. *Physical Diagnosis*. 7th ed. Saunders, 1968 (\$9.50)
- Pillsbury, D. M., Shelley, W. B., and Kligman, A. M. *Cutaneous Medicine*. Saunders, 1961 (1966 reprint). (\$9.50)
- Harrison, T. R. *Principles of Internal Medicine*. 6th ed. McGraw-Hill, 1968. (\$23.65.)

## OR

- Cecil, R. L., and Loeb, R. F. *Textbook of Medicine*. 12th ed. Saunders, 1967. (\$20.50)

**71.112 Medicine and Therapeutics**

The object of this course is to develop skills in history taking, physical examination, diagnosis and treatment of disease. Equally strong emphasis is placed on the pathologic physiology, the mode of production of symptoms and signs and the manner in which these are modified by therapeutic agents. The clinical clerkship is supplemented by a course in clinical laboratory methods, lectures, seminars and tutorials on important topics and attendance at post-mortem examinations. There will be a residency period during which students will be expected to participate as fully as possible in the clinical work of the hospital. The emphasis throughout the course is on insight into the mechanisms of common diseases and the manner in which understanding of the aetiology and treatment of disease is studied. Students will be expected to have a lively interest in the preventative social, environmental, genetic and personality factors in disease processes.

## TEXTBOOKS

As for 71.111 Introductory Medicine.

## SCHOOL OF PATHOLOGY

**72.111 General Pathology**

A course of lectures, practical classes, case demonstrations and tutorials in the Third Year of the medical course to illustrate the principles and mechanisms of disease processes.

Covers: *Cell degeneration and necrosis: Acute and chronic inflammation,*

including the inflammatory response and its causes. *Healing and repair, regeneration, hypertrophy, hyperplasia and metaplasia. Disorders of circulation:* circulatory failure, haemorrhage, shock, thrombosis embolism and infarction. *Neoplasia:* the biology of the neoplastic cell, causes and effects of neoplasia. *Immunopathology:* the principles and disorders of the immune response.

#### TEXTBOOK

Anderson, W. A. D. *Pathology*. Vols. 1 & 2. 5th ed. C. V. Mosby Co., St. Louis, 1966.

### 72.211 Pathology

A course of lectures, lecture-demonstrations, practical classes and tutorials, as well as demonstrations of specimens from post-mortem examinations in the first three terms of the Fourth Year of the medical course. Deals with the pathology of the common and major diseases of the various anatomical systems of the body.

#### TEXTBOOK

Anderson, W. A. D. *Pathology*. Vols. 1 & 2. 5th ed. C. V. Mosby Co., St. Louis, 1966.

### 72.091 Clinical Laboratory Methods

(1) Estimations of haemoglobin, packed cell volume, erythrocyte and leucocyte counts, reticulocyte count, erythrocyte sedimentation rate. Preparation and examination of blood films in health and haematological disorders. Examination of bone marrow films. (2) Blood grouping and blood transfusion procedures, including the Coombs test. (3) Examination of urine (biochemical, cytological and microbiological), cerebro-spinal fluid, faeces, as well as blood and faeces for parasites. This course is given in Fourth Year Medicine.

#### TEXTBOOKS

Dacie, J. V. *Practical Haematology*. Churchill. (\$7.00)

Eastham, R. D. *Biochemical Values in Clinical Medicine*. J. Wright, Bristol.

Stewart, C. P. and Dunlop, D. M. *Clinical Chemistry in Practical Medicine*. Livingstone. (\$5.25)

## SCHOOL OF PHYSIOLOGY

### 73.111 Medical Physiology (3 pre-clinical terms)

A combined course in human and general mammalian physiology aimed to emphasise those areas of the subject relevant to the student's subsequent clinical studies. Emphasis is placed on the problems of homeostasis of complex organisms and the consequent demands placed on the transport mechanisms linking cell with environment. The earlier part of the course emphasises the role of these transport systems--the circulation, the respiratory system and the kidney in particular. Subsequently, the

problem of control processes and integrated function of the whole organism is considered, and the second portion of the course deals largely with the physiology of the nervous system and the endocrine glands. Additional topics covered, because of their importance in the medical curriculum, include haematology and the digestive system.

#### TEXTBOOKS

Burton, A. C. *Physiology and Biophysics of the Circulation*. Year Book Medical Publishers, Chicago, 1965.

Comroe, J. H. *Physiology of Respiration*. Year Book Medical Publishers, Chicago, 1965.

Davenport, H. W. *Physiology of the Digestive Tract*. 2nd ed. Year Book Medical Publishers, Chicago, 1966.

Eyzaguirre, C. *Physiology of the Nervous System*. Year Book Medical Publishers Incorporated, Chicago, 1969.

Pitts, R. F. *Physiology of the Kidney and Body Fluids*. 2nd ed. Year Book Medical Publishers, Chicago, 1968.

Tepperman, J. *Metabolic and Endocrine Physiology*. 2nd ed. Year Book Medical Publishers, 1968.

The above five are available in a set for \$33. Cost individually is \$7.15 each in soft covers and \$9.40 in hard covers.

### 73.211 Medical Pharmacology

An extension of the application of physiological principles to the study of drugs. Emphasis is placed on the general principles of drug actions and the pharmacodynamics of drugs of clinical importance, but the course in no way attempts to be a course in therapeutics. Topics covered include general principles of drug action on cells common to most drugs, including a study of absorption, distribution, fate and excretion. This is followed by consideration of the more important classes of drugs, including autonomic drugs, cardiac drugs, diuretics and drugs acting on the central nervous system, as well as the principles of chemotherapy and antibiotic drugs. Special lectures are given on pharmacology of hypertension, ocular disorders, asthma, cardiac failure and special problems of the haemopoietic system. The principles of conducting clinical trials are outlined.

#### TEXTBOOK

Goth, A. *Medical Pharmacology*. 3rd ed. Mosby, 1968. (\$13.75)

## SCHOOL OF SURGERY

### 74.111 Surgery

Extends through years 4, 5 and 6. Sets out to provide a sound knowledge and understanding of common surgical conditions, with the emphasis on clinical experience rather than didactic teaching. In year 4, there are tutorials in history-taking and the elicitation of physical signs, together with lectures on the principles of surgery. During years 5 and 6 students spend periods fully engaged in the clinical activities of general surgical units. They also have clinical experience and tutorial instruction in most of the specialised aspects of surgery, including anaesthesia. Further practical experience is provided, particularly in acute surgery, during the period of associated hospital residency.

## TEXTBOOKS

*4th, 5th and 6th YEARS*

- Bailey, H. *Demonstrations of Physical Signs in Clinical Surgery*. 14th ed. Wright. (\$14.00 approx.) *and either*
- Bailey, H., and Love, R. J. McN. *A Short Practice of Surgery*. 14th ed. Lewis, 1965. (\$14.70) *or*
- Moyer, C., Rhodes, H. E., Allen, J., and Harkins, H. *Surgery: Principles and Practice*. Lippincott, 3rd edition, 1965. (\$19.80)

## SCHOOL OF OBSTETRICS AND GYNAECOLOGY

**75.111 Obstetrics and Gynaecology**

In *normal obstetrics*, the physiology of pregnancy, labour and the puerperium will be covered by means of lecture demonstrations. Students must complete a minimum of fifteen deliveries.

*Abnormal Obstetrics*. During the obstetrical and gynaecological term in late fifth year and sixth year, all students will spend a minimum of five weeks in residence. They will attend daily teaching rounds, outpatient demonstrations, and tutorials. Students will present to, and discuss with, their teachers the clinical features, diagnosis and management of patients in their wards and clinics.

*Revision*. In the elective term in fifth and sixth years, students will undertake clinical clerking in obstetrics and gynaecology for three weeks.

*Gynaecology* will be taught concurrently with obstetrics in fifth and sixth years by means of a series of tutorials, and by out-patient demonstrations and clinical clerking. The syllabus will cover menstrual abnormalities; disorders of pregnancy during the first trimester; prolapse; inflammatory, and benign and malignant neoplastic conditions of the female reproductive tract.

## TEXTBOOK FOR GYNAECOLOGY

Jeffcoate, T. N. A. *Principles of Gynaecology*. 3rd ed. Butterworth, London, 1967. (\$18.50)

## TEXTBOOK FOR OBSTETRICS

Donald, I. *Practical Obstetric Problems*. 4th ed. Lloyd-Luke, London, 1968. (\$12.50)

## SCHOOL OF PAEDIATRICS

**76.111 Paediatrics**

Normal growth and development is taught during the first term of fourth year; emotional and physical aspects of development are considered. In fifth year one term is devoted to paediatric medicine and surgery including studies of social aspects of paediatrics, and the prevention of disease and accidents. There is stress on clinical clerking both on inpatients and outpatients, and approximately one-quarter of the time is spent in residence. During the fifth year there is also an obstetric term and at this time studies in newborn physiology and disease are commenced.

**TEXTBOOKS***General Paediatrics*

Jolly, H. R. *Diseases of Children*. 2nd ed. Blackwell's S.P. 1968. (\$10.50)

*Paediatric Surgery*

Nixon, H. H., and O'Donnell, B. *The Essentials of Paediatric Surgery*. 2nd ed. Heineman, 1966. (\$7.80 approx.)

**SCHOOL OF PSYCHIATRY****77.111 Psychiatry**

A brief introduction to the principles of psychiatry is given in the first term of fourth year. The psychophysiology, epidemiology, aetiology and symptomatology of mental illness are discussed and the common illnesses are illustrated.

In the final term of fourth year and the first three terms of fifth year each of four groups of students receives clinical instruction for one term. The main topics include psychiatric examination, mental sub-normality, psychoneuroses, psychopathy, affective disorders, schizophrenia, alcoholism and drug addiction, mental illness associated with brain disease, epilepsy, ageing and the mental disease of the aged, psychotherapy, psychopharmacology, methods of physical treatment, and sociotherapy. Revision in fourth term of sixth year.

A period of residence is provided and visits are arranged to community psychiatric services.

**TEXTBOOKS**

Mersky, H., and Tonge, W. L. *Psychiatric Illness*. Bailliere, Tindall & Cox, 1965, London, pp. 253. (\$5.00 approx.)

Ulett, G. A., and Goodrich, D. W. *A Synopsis of Contemporary Psychiatry*, 3rd ed. Mosby, 1965, St. Louis, pp. 299. (\$7.45)

**SCHOOL OF HUMAN GENETICS****78.111 Medical Statistics and Human Genetics***(i) Human Genetics.*

An elementary course in which the following topics are considered: Genic action, single gene inheritance, multifactorial inheritance, genetics of populations, twin studies, mutations, radiation effects on gene material, environmental modification of genetic expression, selection in relation to genetic constitution. The lectures will be illustrated by clinical demonstrations.

*(ii) Medical Statistics.* The course, which is concerned with the collection and interpretation of biological and medical data, introduces the following topics: Sample selection, presentation of data by means of diagrams and descriptive measures, estimates and tests of significance relating to averages, proportions, contingency tables and correlation, and problems of statistical inference in medicine.

**78.112 Human Genetics**

To the teaching of human genetics already provided for in the third term of the third year, there will be added six tutorial classes, each of one hour's duration, in the second medicine block. Tutorials will familiarise students with the clinical aspects of genetic problems and methods of genetic counselling.

TEXTBOOKS (78.111 and 78.112)

Carter, C. C. *Human Heredity*. Penguin Books, 1962. (\$0.95)

Fraser Roberts, J. A. *An Introduction to Medical Genetics*. 4th ed. Oxford U.P., 1967. (\$4.00)

Hill, A. B. *Principles of Medical Statistics*. 8th ed. Lancet, London, 1966.

Lindley, D. V., and Miller, J. C. P. *Cambridge Elementary Statistical Tables* C.U.P., 1958.

**PUBLIC HEALTH AND SOCIAL MEDICINE****79.111 Public Health and Social Medicine**

The public health and social medicine curriculum has two aims: (i) to present the problems of health and disease and medical care on a community scale, drawing on statistical, epidemiological and survey techniques for the purpose; and (ii) to equip doctors for a type of medical practice in which account is taken of the physical and social antecedents and accompaniments of disease and the use of social agencies in treatment.

The topics to be treated in detail are:

Introduction to public health and social medicine. The history of modern medicine. Measurement of Public Health. Nutrition. Control of communicable diseases. Mental health. Child health. Maternal health. Health and welfare of the aged. Preventive and social aspects of clinical medicine. Health aspects of rural and tropical Australia. Environmental health. Occupational health. Accidents. Health education. Civil defence. Organised health services.

**TEXTBOOK**

Hilleboe, H. E., and Larimore, G. W. *Preventive Medicine*. 2nd ed. Saunders, 1965. (\$10.80)

**DEPARTMENT OF GENERAL STUDIES**

Details regarding courses offered by the Department of General Studies may be found in their handbook which is available free of charge.

