FACULTY OF MEDICINE

1971 HANDBOOK

THE UNIVERSITY OF NEW SOUTH WALES

80 CENTS

FACULTY OF MEDICINE

1971 HANDBOOK

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INTRODUCTION

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.

General teaching hospitals of the University include Prince Henry and Prince of Wales, St. George and St. Vincent's Hospitals. The Royal Hospital for Women is the headquarters for the teaching of obstetrics and gynaecology. Paediatrics teaching is centralized at Prince of Wales Hospital and psychiatry is taught in each of the general hospitals and at Callan Park. Lewisham, Bankstown, Sutherland and Canterbury are associated teaching 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 graduates qualified 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 enables graduates of the new school to take up postgraduate studies or to practise in other countries which normally enjoy reciprocity for these purposes.

The faculty has established a Curriculum Review Committee which studies and makes reports concerning developments in teaching and learning in the medical school. Currently attention is being given to possible changes consequent on the extended duration of secondary education in New South Wales. The desirability of integrating pre-registration training of graduates with their previous clinical teaching and training as undergraduates has been accepted. Ways and means of achieving this are being studied.

CALENDAR OF DATES FOR 1971

JANUARY	
Wednesday 6	6th year medical students re-enrol.
Thursday 7	5th year medical students re-enrol.
Monday 11	First term commences — 5th and 6th year medicine.
Monday 25	Last day for acceptance of applications to enrol by new students and students repeating first year.
Wednesday 27	4th year medical students re-enrol.
FEBRUARY	
Monday 1	Australia Day — Public Holiday.
Tuesday 2	First term commences — 4th year medicine.
Monday 22	Enrolment week commences—for new students and students repeating first year.
Wednesday 24	3rd year medical students re-enrol.
Thursday 25	2nd year medical students re-enrol.
MARCH	
Monday 1	Session 1 commences—1st, 2nd and 3rd year medicine.
Friday 12	Last day for acceptance of enrolments of new students (late fee payable).
Saturday 20	First term ends — 4th, 5th and 6th year medicine.
Wednesday 31	Last day for acceptance of enrolments of students re-enrolling (late fee payable).
APRIL	
Monday 5	Second term commences — 4th, 5th and 6th year medicine.
Friday 9 to Monday 12	Easter Holidays.
Monday 26	Anzac Day — Public Holiday.
MAY	
Sunday 16 to Sunday 23	May Recess—1st, 2nd and 3rd year medicine.

JUNE

Saturday 12	Session 1 ends — 1st, 2nd and 3rd year medicine.
	Second term ends — 4th, 5th and 6th year medicine.
Monday 14	Queen's Birthday — Public Holiday.
Monday 21	Third term commences — 4th year medicine.
Monday 28	Third term commences — 5th and 6th year medicine.

JULY

Monday 19	Session 2 commences—1st, 2nd and 3rd year medicine.
Thursday 29	Foundation Day.

AUGUST

Saturday 14	Third term ends—4th year medicine.
Sunday 15 to Sunday 29	August Recess — 1st, 2nd and 3rd year medicine.

SEPTEMBER

Saturday 4	Third term ends—5th and 6th year medicine.
Wednesday 15	Last day for acceptance of corrected enrolment details forms.
Monday 20	Fourth term commences — 4th, 5th and 6th year medicine.

OCTOBER

Monday 4	Eight Hour Day — Public Holiday.

NOVEMBER

Saturday 6	Session 2 ends—1st, 2nd and 3rd year medicine.
	Examinations commence — 1st year medicine.
Saturday 27	Fourth term ends — 4th, 5th and 6th year medicine.
Tuesday 30	Last day for acceptance of applications for special admission to 2nd year medicine.

CALENDAR OF DATES
1971

FACULTY OF MEDICINE

First, Second and Third Year:

As for other Faculties (see below).

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

Session 1: March 1 to May 15
May Recess: May 16 to May 23
May 24 to June 12
Midyear Recess: June 13 to July 18

Session 2: July 19 to August 14
August Recess: August 15 to August 29
August 30 to November 6

THE ACADEMIC YEAR

The academic year is divided into two sessions, each containing 14 weeks for teaching. There is a recess of five weeks between the two sessions. In addition there are short recesses within the sessions—one week within Session 1 and two weeks within Session 2.

The first session commences on the first Monday of March.

CALENDAR OF DATES
1972

FACULTY OF MEDICINE

First, Second and Third Year:

As for other Faculties.

Fourth Year:

Term 1 (7 weeks)	February 1 to March 18
Term 2 (10 weeks)	April 4 to June 10
Term 3 (8 weeks)	June 19 to August 12
Term 4 (10 weeks)	September 18 to November 25

Fifth Year and Sixth Year:

Term 1 (10 weeks)	January 10 to March 18
Term 2 (10 weeks)	April 4 to June 10
Term 3 (10 weeks)	June 26 to September 2
Term 4 (10 weeks)	September 18 to November 25

FACULTIES OTHER THAN MEDICINE

Session 1: March 6 to May 13
May Recess: May 14 to May 21
May 22 to June 17
Midyear Recess: June 18 to July 23

Session 2: July 24 to August 12
August Recess: August 13 to August 27
August 28 to November 11

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J. P. Sarks, MB BS *Syd.*, DO *Lond.*, FRCS, FRCSEd, FRACS
B. R. Selecki, CMedSci *Warsaw*, MD *Wroclaw*, MS *Syd.*
W. S. L. Stening, MB MS *Syd.*, *FRACS*
H. Thomas, MB ChB *N.Z.*, FRCS, FRACS
W. J. Walsh, BDS *Syd.*, FDSRCS, FACDS
D. J. Wurth, MB BS *Syd.*, FRCS, FRACS

The St. George Hospital
G. Arthurs, MB BS *Lond.*, LRCP, FRCS, FRACS
D. S. Forbes, MB BS *Adel.*, FRCS
C. K. Hambly, MB BS *Syd.*, DTR, FCRA
Loraine C. Hibbard, MB BS *Syd.*, DA, FFARACS
C. A. Hobbs, MB BS *Syd.*, FRCSEd, FRACS
W. G. Lucas, MB BS *Syd.*, FRCSEd, FRACS
C. M. Maxwell, MB MS *Syd.*, FRACS
R. P. Melville, MB BS *Syd.*, FRCS, FRACS
K. B. Orr, MB BS *Syd.*, FRCS
W. J. Pullen, MB BS *Syd.*, FRCS, FRACS
C. A. Shearer, MB BS *Syd.*, FRCSEd, FRACS
D. C. Swan, MB BS DO *Syd.*
A. C. G. Thomas, MB BS *Syd.*, FRACS
T. E. C. Williamsz, MB BS *Ceyl.*, FRCS, FRCSE

St. Vincent's Hospital
R. J. Bailey, MB BS *Syd.*, FFARCS, FFARACS
B. J. Barry, MB BS *Syd.*, FFARACS
J. A. Blackwood, MB MS *Syd.*, FRCS, FRACS
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, FRFPSG, FRACS
R.A. Craven, MB BS *Syd.*, FRCSEd, 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

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.

In addition to complying with these conditions candidates must be selected before being permitted to enrol in a course. In 1971 it will be necessary for the University to limit the number of students enrolling in all undergraduate courses.

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

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 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 PREREQUISITES
Applied Science (excl. Applied Geography and Wool and Pastoral Sciences courses) 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 Applied Geography and Wool and Pastoral Sciences courses (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.
Law Combined Arts/Law Combined Commerce/Law	Nil As for Arts As for Commerce

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 PREREQUISITES**
1.011—Higher Physics I 1.001—Physics I 1.041—Physics IC	As for Faculty of Science
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

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.*

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

*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.

GENERAL INFORMATION

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 should be observed.

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.

ADMISSIONS PROCEDURE

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.

ENROLMENT PROCEDURE

In 1971 it will be necessary for the University to impose quotas in each Faculty and Board of Studies.

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

First Enrolments

(a) New South Wales residents already qualified for admission and persons who are applying for enrolment on the basis of qualifications gained or about to be gained outside New South Wales must lodge an application for enrolment with the Metropolitan Universities Admissions Centre, 13-15 Wentworth Avenue, Sydney (P.O. Box 7049, G.P.O., Sydney), by 30th October, 1970.

(b) New South Wales residents qualifying for admission by the 1970 New South Wales Higher School Certificate Examination or the 1971 Sydney University Matriculation Examination and those who have attended a University in New South Wales in 1970 must apply for enrolment to the Metropolitan Universities Admissions Centre, 13-15 Wentworth Avenue, Sydney (P.O. Box 7049, G.P.O., Sydney), by 25th January, 1971.

Students whose applications for enrolment are accepted will be required to complete their enrolment at a specified appointment time before the beginning of Session 1. 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.

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

Students wishing to transfer to Medicine II from some other faculty (or university) should lodge an application with the Registrar not later than November 30 of the year in which they expect to complete the requirements of the first year.

Complete details on enrolment procedure (including the payment of fees) are set out in the booklet *Enrolment Procedure 1971 for Students Re-enrolling.*

To complete their enrolment, students are required to attend **Lecture Theatre 'D', Wallace Wurth School of Medicine**, on the dates set out below. 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 March 12, 1971, without a late fee being incurred. Fees will not be accepted after March 31 without the express approval of the Registrar, which will be given in exceptional circumstances only.

2nd Year Students

Lectures commence on March 1, 1971.

Enrolment is to be completed on Thursday, February 25, according to the following timetable:

Students with surnames "A"-"M": 9.30 a.m. to 12 noon.

Students with surnames "N"-"Z": 2.00 p.m. to 4.30 p.m.

3rd Year Students

Lectures commence on Monday, March 1, 1971.

Enrolment to be completed on Wednesday, February 24:

Students with surnames "A"-"M": 9.30 a.m. to 12 noon.

Students with surnames "N"-"Z": 2.00 p.m. to 4.30 p.m.

4th Year Students

Lectures in fourth year medicine commence on Tuesday, February 2, 1971.

Enrolment to be completed on Wednesday, January 27:

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.

5th Year Students

Lectures in fifth year medicine commence on Monday, January 11, 1971.

Enrolment to be completed on Thursday, January 7, from 2.00 p.m. to 4.00 p.m.

6th Year Students

Lectures in sixth year medicine commence on Monday, January 11, 1971.

Enrolment to be completed on Wednesday, January 6, from 2.00 p.m. to 4.00 p.m.

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.

(iv) The provisions of sections (ii) and (iii) of this rule shall be deemed to apply to any student on transfer from another course or institution whose programme of studies in the first year of enrolment immediately following transfer is comprised of subjects so chosen that half or more of such subjects are listed in the University Calendar as first year subjects.

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 a committee, hereinafter referred to as the Re-enrolment Committee, appointed 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 Re-enrolment Committee 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 Re-enrolment Committee 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 Re-enrolment Committee 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 sumption or transfer of enrolment as the case may be.

9 Any student who is excluded from attendance in any course or subject by decision of the Professorial Board under the provisions of these rules may appeal to an Appeal Committee constituted by Council for this purpose.

10 The notification to any student of a decision by the Re-enrolment Committee to exclude the student from attendance in any course or subject shall indicate that the student may appeal against the decision to an Appeal Committee of Council. In lodging such appeal the student shall ensure that a complete statement is furnished of all grounds on which the appeal is based and shall indicate whether or not the student wishes to appear in person before the Appeal Committee.

In considering an appeal the Appeal Committee, on the basis of the student's academic record and the stated grounds of appeal, shall decide:

(i) whether there are grounds which justify the Committee seeing the student in person, or

(ii) whether there is sufficient information available to the Committee to allow decision without seeing the student in person and so proceed to determine the application accordingly.

FEES

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.)			*Per Annum* $
Year	I	(2 sessions)	396
	II	(2 sessions)	396
	III	(2 sessions)	396
	IV	(4 terms)	396
	V	(4 terms)	396
	VI	(2 terms)	264

Course fees may be paid by the year or in two instalments in each year as in other faculties.

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 two payments of $198.

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—$14—annual fee.

University Union* — $20 — entrance fee.

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

Student Activities Fees—

University Union* — $20 — annual subscription.

Sports Association* — $4 — annual subscription.

Students' Union* — $5 — annual subscription.

Miscellaneous — $17 — annual fee.

Total — $46.

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 Session 1 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.

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

Session 1—First Enrolments

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

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

Session 1—Re-Enrolments

Failure to attend enrolment centre during enrolment week	$7
Fees paid after the commencement of the 3rd week of Session 1 to March 31	$14
Fees paid after March 31 where accepted with the express approval of the Registrar	$28

Session 2—All Enrolments

Fees paid in 3rd and 4th weeks of Session 2	$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.

COSTS IN ADDITION TO FEES

As the student may not be aware when embarking on his degree of the incidental costs which will occur from time to time in the course of his six years' study, the following is an estimate, based on students' experience, of the expenditure which is likely to be incurred over the full length of the course. The amounts quoted will, of course, be subject to some fluctuation and to some individual variation.

	$ approx.
Textbooks	600
Skeleton	40
Stethoscope	10
Seven coats	35
Miscellaneous (papers, pens, kits (pathology, biochemistry, histology), torch, etc.)	80
Residency (18 weeks)	175
Special travel	100
	$1,040

PAYMENT OF FEES

Fees should be paid during the prescribed enrolment period but will be accepted up to Friday, March 12, 1971. (For late fees see above.) 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 Session 1 (i.e. March 12, 1971), 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.

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.

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 two 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 12, 1971

2nd payment ..... by July 30, 1971

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 state year or stage, whether full-time or part-time, and the course in which the applicant wishes to enrol, describe 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 Session 1 and for one month from the date on which a late fee becomes payable in respect of the second payment.

Where an extension of time is granted to a first year student in Session 1, 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 August 13, 1971.

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

WITHDRAWAL FROM COURSE

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

The Library fee is an annual fee and is not refundable where notice of withdrawal is given after the commencement of Session 1.

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 Session 1 in the same year, or who does not renew his membership in the immediately succeeding year may on written application to the Warden receive a refund of half the entrance fee paid.

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

University Union $5—in respect of each half session.

University of New South Wales Students' Union — where notice is given prior to the end of the fifth week of Session 1 $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 $8.50, thereafter no refund.

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 causes 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 August 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 September 15. 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 15.

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 recom-

mendation 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.

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.

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

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.

YEAR 1		Hours per Week for 28 Weeks		
Pre-medical		Lec.		Lab./Tut.
1.061	Physics IM	3	—	3
2.001	Chemistry I	2	—	4
17.001	General and Human Biology	2	—	4
	One Elective			

Elective Subjects

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, 50.121T English, 51.111 History I, 52.111 Philosophy I, 53.121 Sociology IT, 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.

Details of these courses may be found in the Department of General Studies Handbook, which is available free of charge.

Second and Third Years—Pre-clinical

After enrolment in second year, students 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 are held at the end of second year. There is an examination in each of the seven subjects taught in third year.

YEAR 2

		Hours per Week for 2 Sessions
41.121	Biochemistry	3 — 5
70.111	Human Anatomy	6 — 8*
	General Studies Elective	1 — ½
		10 — 13½

* This period includes dissection room instruction, demonstrations and tutorial classes in topographical, living and radiological anatomy.

YEAR 3

		Hours per Session			
		SESSION 1		SESSION 2	
		Lec.	Other	Lec.	Other
12.131	Psychology*	28	9	27	10
44.211	Microbiology	42	15	28	42
72.211	General Pathology	14	20	28	28
73.111	Physiology	70	84	37	64
73.211	Pharmacology	14	0	28	9
78.111	Medical Statistics and Human Genetics	28	28	0	0
	General Studies subject	14	7	14	7
		210	163	162	160

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

Allocation to Hospitals

At the end of Year 3, students are asked to list their preferences regarding assignment to teaching hospitals. This, together with the student's term address, sex, and academic record, is taken into account in the final allocation which is made after the Year 3 examinations. A student representative is a member of the committee which makes the allocations.

Fourth, Fifth and Sixth Years—Clinical

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.

YEAR 4

		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	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	42 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

Fourth Year (Term 6) to Sixth Year

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 Public Health and Social Medicine (preventive medicine, medical sociology, forensic medicine, venereology), combined seminars and general studies will be timetabled.

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.

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 Revision and Examination	Final Revision and Examination	Final Revision and Examination	Final Revision and Examination

*With prior approval other electives may be done in this term.

BACHELOR OF SCIENCE (MEDICINE)

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.

THE TEACHING HOSPITALS

Medical students in the clinical years (Years IV-VI) receive most of their instruction in the teaching hospitals of the University.

The Prince Henry-Prince of Wales-Eastern Suburbs complex.—The hospitals are on different sites but function and are staffed as one unit. Altogether they have 1,200 beds, and 195,000 out-patient attendances annually.

General medicine, surgery, diagnostic radiology, radiotherapy, anaesthetics, paediatrics, psychiatry and rehabilitation are taught.

St. Vincent's Hospital has 475 beds and 157,000 out-patient attendances annually.

Instruction is provided in medicine and tropical medicine, surgery, cardio-thoracic medicine and surgery, endocrinology, clinical pharmacology, surgery, psychiatry, diagnostic radiology, radiotherapy, anaesthetics and pathology.

The St. George Hospital has 430 beds and 120,000 out-patient attendances annually.

Medicine, surgery, obstetrics and gynaecology, psychiatry, anaesthetics and clinical haematology are taught.

Sutherland, Canterbury, Bankstown and Lewisham Hospitals are four associated teaching hospitals and are linked with the principal hospitals (above) for residential teaching and training.

The Royal Hospital for Women has 240 beds and 41,000 out-patient attendances annually.

It is the headquarters for the teaching of obstetrics and gynaecology.

Callan Park.—Some instruction in psychiatry is given at this hospital.

DESCRIPTIONS OF SUBJECTS

SCHOOL OF PHYSICS

1.061 Physics IM

A terminating subject taken only by students in the Faculty of Medicine.

Mechanics I Kinematics. Centripetal acceleration. Newton's laws of motion. Momentum. Impulse. Work, energy and power. Friction. Conditions of equilibrium. Simple harmonic motion.

Wave Motion Equation of wave motion. Longitudinal and transverse waves. Sound waves. Superposition of waves. Energy current. Stationary waves. Resonance. Beats. Doppler effect.

Optics Electromagnetic spectrum. Huygens' wave principle, reflection, plane and spherical mirrors. Refraction. Lenses. Dispersion. Aberrations. Optical instruments. Interference. Diffraction. Resolution. Grating. Plane polarized light.

Properties of Matter Hydrostatics. Pressure. Pascal's and Archimedes' principles. Hydrodynamics. Bernouilli's theorem. Viscosity. Surface tension. Elasticity. Young's bulk and shear moduli. Poisson's ratio.

Electrostatics, Electromagnetism, and D.C. Circuits Coulomb's law. Electric field and potential capacitance. Electric energy sources. Conductors. Resistivity. Atomic view of conduction. E.M.F. Kirchhoff's Laws. Magnetic induction. Torque on a coil in magnetic field. Moving coil meters. Wheatstone's bridge. Potentiometer. Faraday's Law. Transient circuits.

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.

Electronics Diode as rectifier. Filters. Triodes, and triode parameters. Load line. Triode as amplifier and oscillator. Transistor amplifier. Instruments.

Biophysics Radioactivity, detectors, radioisotopes. Radiation, radiation biology. X-ray methods, structure of macromolecules. Mechanical and electrical properties of muscle. The nerve impulse.

TEXTBOOKS

Dunlop, J. I., & Mann, K. *Introductory Electronics*. Clarendon.

Giutronich, J. E. *Electricity*. Clarendon.

Halliday, D., & Resnick, R. *Physics for Students of Science and Engineering*. Vol. I. Wiley.

Russell, G. J., & Mann, K. *Alternating Current Circuit Theory*. N.S.W.U.P.

Russell, G. J., Dunn, I., & Higinbotham, J. *Laboratory Notes for Physics I*. N.S.W.U.P.

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.

TEXTBOOKS

Ander, P., & Sonnessa, A. J. *Principles of Chemistry*. Collier Macmillan, 1966.

Aylward, G. A., & Findlay, T. J. V. *Chemical Data Book*, 2nd ed. Wiley, Sydney, 1966.

Barrow, G. M., Kenney, M. E., Lassila, J. D., Litle, R. L., & Thompson, W. E. *Understanding Chemistry*. Benjamin, N.Y., 1969.

Chemistry I—Laboratory Manual. Univ. of N.S.W., 1971.

Hart, H., & Schuetz, R. D. *Organic Chemistry*. Feffer & Simons, 1967.

O'Malley, R. F. *Problems in Chemistry*. McGraw-Hill, 1968.

Turk, A., Meislich, H., Brescia, F., and Arents, J. *Introduction to Chemistry*. Academic, 1968.

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

Lidz, T. *The Person: His Development throughout the Life Cycle*. Basic Books, 1968.

FACULTY OF 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., & Johnson, M. L. *A Dictionary of Biology*. Penguin, 1967.

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

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

Conn, E. E., & Stump, P. K. *Outlines of Biochemistry*. 2nd ed. Wiley, 1967. ($6.24.)

Loewy, A. G., & Serkevitz, P. *Cell Structure and Function*. 2nd ed. Holt, Rinehart & Winston, 1969. ($7.50.)

Montgomery, R., & Svenson, C. A. *Quantitative Problems in the Biological Sciences*. Freeman, 1969. ($3.10.)

White, A., Handler, R., and Smith, E. L., *Principles of Biochemistry*. 4th ed. McGraw-Hill, 1968. ($9.95.)

SCHOOL OF MICROBIOLOGY

44.211 Microbiology

Treatment and prevention of human disease caused by microorganisms (bacteria, viruses and fungi) is a major responsibility of the medical practitioner.

The course in Microbiology is designed to provide an understanding of all aspects of interactions between the host and the parasite. The outcome of these interactions determines the nature of a disease process. As a starting point basic structure, growth, physiological activity and genetic characteristics of bacteria, viruses and fungi are considered. It is then possible to discuss the means by which these microorganisms exist in association with man and his environment, the ways in which they gain access to tissues and produce disease and the nature of their responses to a wide variety of physical, chemical and antibiotic agents which interrupt their normal function.

Understanding microbial behaviour is only half-way to appreciating the nature of a microbial infection, for the animal (and human) body may respond in many ways to microbial invasion and multiplication. These aspects are considered within the context of a general discussion on Immunology in which the basis of cellular and humoral reactions of animals to foreign agents is considered. A background knowledge of this subject is not only important in understanding microbial disease but also in applying its basic principles to treatment and prevention of specific diseases. This course also serves as an introduction to other medical problems in which immunological phenomena are of primary importance, e.g. allergy, auto-immune diseases and organ transplantation.

With the development of specialization in medicine and the increase in the scope of diagnostic services, it is becoming less important for medical students or practitioners to become experienced in the techniques of laboratory diagnosis. Nonetheless, it is essential that they should understand how the clinical microbiologist and the service he offers can assist in diagnosis and treatment of disease. Only a small proportion of microbial infections can be diagnosed clinically while a smaller proportion can be universally treated by a standard procedure; for the rest, the clinical microbiologist must serve as an essential member of the medical team. The results he obtains in the laboratory often establish or confirm a clinical diagnosis; his findings will usually determine the nature of treatment and may be used to judge its success or failure. His counterpart in the public health field is essential in establishing the existence of infectious (transmissable) disease, its epidemiological characteristics and most appropriate means of prevention. It is an important role of the Microbiology course to demonstrate how these services can be used and, more importantly, to understand the significance of laboratory findings in so far as their application to clinical situations is concerned. Without this background it is unlikely that the medical practitioner will be able to offer the full advantages of modern medical practice to his patients.

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

The Anatomy course provides the student with a grounding in and an understanding of the macroscopic structure, microscopic structure and development of the human body. Function is emphasized in relation to structure throughout the course in an attempt to present the anatomical basis for future understanding of the human body in both health and disease. An important part of the course is the study, in relatively small tutorial groups, of pre-dissected specimens. The information gained is reinforced by concurrent study of radiological anatomy and living anatomy. During tutorial sessions the student is introduced to elements of routine physical examination and uses standard instruments for the examination of the eye, ear, nose and throat. Lectures and laboratory study in the microscopic examination of the basic tissues and organ systems relates function to structure at the microscopic level. Instruction in the development of organ systems is synchronised with relevant gross and microscopic anatomy. A course in functional neuroanatomy consisting of some thirty lectures and ten laboratory sessions is presented during Session II, in which the macroscopic and microscopic structure of the central and peripheral nervous systems are studied with particular reference to the systematic classification and demonstration of structures and pathways.

PRELIMINARY READING

Le Gros Clark, W. *The Tissues of the Body*. O.U.P., 5th ed., 1965, pp. 423. ($8.55)

TEXTBOOKS

Gardner, E., Gray, D. J., & O'Rahilly, R. *Anatomy, A Regional Study of Human Structure*. W. B. Saunders, Philadelphia, 3rd ed., 1969. ($17.50)

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

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

Noback, C. R. *The Human Nervous System*. McGraw-Hill, 1967. ($14.70)

OR

House, E. L., & Pansky, B. *A Functional Approach to Neuroanatomy*. 2nd ed. McGraw-Hill, 1967. ($15.25)

OR

Truex, R. C., & Carpenter, M. B. eds. *Strong and Elwyn's Human Neuroanatomy*. 6th ed. Williams & Wilkins, 1969. ($18.15)

ESSENTIAL EQUIPMENT

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

Instruments: Two pairs of 5" dissecting forceps.

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

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

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)

Hunter, D., & Bomford, R. R. *Hutchison's Clinical Methods*. 15th ed. Bailliere Tindall & Cassell, London, 1968. ($3.55)

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. ($24.50)

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 of 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, their diagnosis and treatment. 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

Teaching in Pathology begins in Third Year with *General Pathology* dealing with the principles and mechanisms of disease processes, as well as the effects of these processes on the structure and function of tissue. Against this background, *Pathology* in Fourth Year deals with the effects of the main disease processes on the various anatomical effects of the main systems of the body (systemic pathology). In the third term of Fourth Year a short course on Chemical Laboratory Methods is organized by the School of Pathology, with participation by staff from various Schools of the Faculty. For the remainder of the Medical Course, teaching in Pathology is integrated with Medicine, Surgery, Obstetrics and Gynaecology, and Paediatrics. Students should attend autopsy demonstrations totalling forty hours during Fifth and Sixth Years.

72.211 General Pathology

A course in Third Year of ninety hours of lectures, seminars, tutorials on gross pathology, and practical classes on histopathology and experimental pathology. The course 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. I & 2. 5th ed. Mosby, St. Louis, 1966. ($27.50)

OR

Robbins, S. L. *Pathology*. 3rd ed. Saunders, Philadelphia, 1967. ($20.50)

72.111 Pathology

A course of 130 hours in the first three terms of Fourth Year; the course consists of lectures, lecture-demonstrations, seminars, tutorials on gross pathology and classes on histopathology, as well as demonstrations of specimens from post-mortem examinations.

TEXTBOOK

Anderson, W. A. D. *Pathology*. Vols. 1 & 2. 5th ed. Mosby, St. Louis, 1966. ($27.50)

OR

Robbins, S. L. *Pathology*. 3rd ed. Saunders, Philadelphia, 1967. ($20.50)

72.091 Clinical Laboratory Methods

A course of twenty-five hours of practical classes in the Third Term of Fourth Year. The course includes:

(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*. Wright, Bristol. ($2.65)

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

SCHOOL OF PHYSIOLOGY AND PHARMACOLOGY

73.111 Medical Physiology

The course in physiology is designed to give the student an overall understanding of the functioning of the body. The various systems are studied individually with an emphasis on the aspects likely to be of importance to the student in his subsequent studies of disordered function. Stress is also laid on the fundamental principles and on the lines which future development of the subject may follow. The course is primarily in human and mammalian physiology but important principles are illustrated by study of lower forms where appropriate.

The subject is presented in several ways. Systematic lectures and prescribed reading are designed to give a general coverage of the field. Practical classes are given in which the student can carry out human and animal experiments. These show the experimental and living nature of the subject, and introduce the students to the use of recording and analytical apparatus. With the increasing use of physiological monitoring and investigation in hospitals, the practical work is a valuable part of both the medical and scientific training of the student. Finally, at appropriate stages, clinical demonstrations are given to indicate the relevance of the physiological principles in the understanding of diseased states.

The topics covered include the following:

Blood: Function of blood plasma; development and function of red cells, white cells, and platelets; blood coagulation; blood groups and principles of blood transfusion. *Circulation:* Physical principles of flow of blood; fluid flow in arteries, capillaries, veins, and lymphatic vessels; the arterial and venous pulse; properties of heart muscle; the cardiac cycle; nervous and humoral control of heart and blood vessels; the coronary circulation. *Respiration:* Subdivisions of lung volume; ventilation of the lungs; exchange of gases between alveoli and blood in the lungs; carriage of oxygen and carbon dioxide by the blood; pulmonary circulation and

ventilation/perfusion ratios in the lung: pulmonary mechanics: nervous and chemical control of respiration. *Kidney and Body Fluids:* Functional anatomy of the nephron: filtration of plasma at the glomerulus: transport in renal tubules: overall regulation of volume and composition of body fluids. *Gastro-intestinal Tract:* Principles of regulation of food intake: ingestion, digestion, and absorption of food constituents: secretion and motility in the digestive tract: deglutition and vomiting: role of liver in metabolic processes. *Nervous System:* Electrical characteristics of the nerve cell and fibre: conduction in nerve fibres: transmission of nerve impulses: muscular contraction: organization in the spinal cord: sensory perception and organs of special sense: control of posture and movement: functional importance of regions of the brain: higher functions of the nervous system. *Endocrinology and Reproduction:* Nature and action of hormones of thyroid, pituitary, adrenal and parathyroid glands; control of carbohydrate metabolism: actions of the sex hormones: the menstrual cycle: pregnancy: lactation: production of sperm and seminal fluid in the male: central role of anterior pituitary and hypothalamus in control of endocrine glands.

TEXTBOOKS

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.

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, Chicago, 1968.

Ruch, T. C., & Patton, H. D. *Physiology and Biophysics.* 19th ed. Saunders, 1965 ($17.00)

OR

Ganong, W. F. *Review of Medical Physiology.* 4th ed. Lange Medical Publications, Los Altos, 1969. ($7.90)

with optional addition:

Katz, B. *Nerve, Muscle and Synapse.* McGraw-Hill, 1966. ($3.10)

Cost for Year Book volumes 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 with particular reference to those drugs of clinical importance. Topics covered include the absorption, distribution, biotransformation and excretion of drugs. This is followed by consideration of the more important classes of drugs including those affecting the autonomic and central nervous systems, the cardiovascular system and diuretics. Methods of screening new compounds for pharmacological activity and the principles of conducting clinical trials are also discussed.

TEXTBOOK

Goth, A. *Medical Pharmacology.* 5th ed. Mosby, 1970. ($15.95)

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, 1967. ($12.50)

Bailey, H., & Love, R. J. McN. *A Short Practice of Surgery*. 14th ed. Lewis, 1968. ($13.90)

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. Ten hours of introductory lectures will be given in fourth year.

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 two weeks.

Gynaecology will be taught concurrently with obstetrics in fifth and sixth years by means of a series of tutorials, and by outpatient 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, 1969. ($14.60)

SCHOOL OF PAEDIATRICS

76.111 Paediatrics

Normal growth and development are 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 subnormality, 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

4th Year

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

5th Year

Solomon, P., & Patch, V. D. *Handbook of Psychiatry*. Lange Medical Publications, 1969, pp. 623. ($7.35)

Batchelor, I. R. C. *Henderson and Gillespie's Textbook of Psychiatry*. 10th ed. O.U.P., 1969. ($6.30)

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

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

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

Lindley, D. V., & 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., & 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.

See also *First Year Notes*.

SCHOLARSHIPS

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 Australian College of Ophthalmologists' 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. Tellesson 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.

STUDENT ACTIVITIES

STUDENT REPRESENTATION ON FACULTY

A three-year trial period of student membership of faculties has been adopted by the University Council.

The resolution provides for one student member for every 500 registered students in a faculty, the minimum number per faculty being three.

Both degree and postgraduate diploma students are to elect the representatives, and where possible the members elected are to include at least one undergraduate and one higher degree or postgraduate diploma student.

Selection of student members will be by direct vote.

THE UNIVERSITY OF NEW SOUTH WALES MEDICAL SOCIETY

The Medical Society is the representative body of the medical students of the University. Its function is to provide amenities and social stimulation and so contribute to giving the student a sense of belonging to the faculty. The official body representing the Society consists of: a president, two vice-presidents, a secretary, a treasurer, and year representatives. The existence of two vice-presidents means that both clinical and pre-clinical groups of students are represented.

Among the social functions held annually are the med. dinner, the annual ball, and for the sake of 1st year students the orientation orgy.

The medsoc shop is a major facility provided by the Society. White coats and instruments may be bought cheaply, and second-hand books are on display. The shop is situated on the top floor of the Wallace Wurth School of Medicine at the back of the Pathology museum.

Other amenities include the production of a quarterly magazine, *Anal Colic*, to which students are asked to contribute in the way of articles, and more importantly in letters to the editor. An annual magazine, *Nungari*, is also produced and sent to medical schools throughout Australia as well as to the National Library in Canberra.

STUDENT SERVICES

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.

The Biomedical Library

The Biomedical Library system, which is an integral part of the University Library, provides library services for the Faculties of Medicine and the Biological Sciences. It is composed of the Central Biomedical Library, which is situated on the 6th floor of the Biological Sciences building, and the libraries in the Teaching Hospitals.

Medical students generally use the Biomedical Library in the second and following years of their courses. Library services for first year medical students are provided by the Main University Library.

Instruction is offered early in the year to second year medical students in the general use of the library, and at appropriate times to senior medical students in the use of medical indexes for research. The facilities of the Biomedical Library are described in pamphlets available at the library desk and in the booklet *Guide to the Library*.

At present because of lack of room for expansion, the Biomedical Library cannot at various times seat all the students who may wish

to study there. Alternative study areas have been provided in schools located in the Biological Sciences and Wallace Wurth Medical Buildings. Details of these alternative study areas are prominently displayed in the Biomedical Library.

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 450 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 amount to $280 per fourteen-week period. 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 STUDENTS' UNION

The Students' Union is the parent student organization within the University and membership is compulsory for all registered students. It provides a wide range of cultural societies and social facilities, as well as producing a bi-weekly journal. The annual subscription is $5.

STUDENT EMPLOYMENT UNIT

The Student Employment Unit offers assistance in finding suitable full-time employment for evening students. It will also advise on cadetships and permanent career employment. The unit is located in the Chancellery, Kensington, and is open 9 a.m.-5 p.m. daily. Telephone 663-0351.

STUDENT HEALTH UNIT

A free health service under the direction of a qualified medical practitioner is available to all students during office hours. The service is diagnostic and therapeutic, but is not intended to replace the students' private doctor or the community health services available. Appointments may be arranged by personal contact or by telephoning 663-0351 ext. 2679.

STUDENT COUNSELLING AND RESEARCH UNIT

The Student Counselling and Research Unit is located at Kensington and is normally open from 9 a.m. to 9 p.m. daily. Students wishing to avail themselves of this advisory service should arrange an appointment by phoning 663-0351 ext. 2600-2605.

SPORTS ASSOCIATION

In December, 1952, the University Council approved the establishment of the Sports Association as the organization to control and sponsor sporting activities within the University.

Some twenty clubs provide a wide variety of sporting activities. Membership is compulsory for all registered students, the annual subscription being $4.

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