

FACULTY OF MEDICINE

1969 HANDBOOK



THE UNIVERSITY OF NEW SOUTH WALES

50 CENTS

FACULTY OF MEDICINE
1969 HANDBOOK

FIFTY CENTS



THE UNIVERSITY OF NEW SOUTH WALES

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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.

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

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

Although the arrangements are not complete, important modifications are being made in the undergraduate curriculum of the medical school. The Faculty established a Curriculum and Examinations Review Committee in 1962 and since then long discussions have taken place and important recommendations made. The effect of

these recommendations is to provide block teaching in each of the clinical subjects of the course. During the period of the block, usually ten weeks, the student will be able to give his undivided attention to each subject in turn. At the pre-clinical level, important changes have been made and others are foreshadowed. Mathematics, as a compulsory subject, has been eliminated from the first year and the content of biology has been altered with a view to making it better orientated to the student's subsequent medical work. In the second year the principal subjects will be anatomy and biochemistry. The time for anatomy has been reduced by about one-third and it will no longer be taught in third year.

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

CALENDAR OF DATES FOR 1969

JANUARY

Wednesday 8	6th year medical students re-enrol.
Thursday 9	5th year medical students re-enrol.
Monday 13	First term commences — 5th and 6th year medicine.
Monday 20	Last day for acceptance of applications to enrol by new students and students repeating first year.
Monday 27	Australia Day — Public Holiday.

FEBRUARY

Wednesday 5	4th year medical students re-enrol.
Monday 10	First term commences — 4th year medicine.
Monday 17	Enrolment week commences—for new students and students repeating first year.
Wednesday 26	3rd year medical students re-enrol.
Thursday 27	2nd year medical students re-enrol.

MARCH

Monday 3	First term commences—1st, 2nd and 3rd year medicine.
Friday 14	Last day for acceptance of enrolments of new students (late fee payable).
Saturday 22	First term ends — 4th, 5th and 6th year medicine.
Friday 28	Last day for acceptance of enrolments of students re-enrolling (late fee payable).

APRIL

Friday 4 to Monday 7	Easter Holidays.
Tuesday 8	Second term commences — 4th, 5th and 6th year medicine.
Friday 25	Anzac Day — Public Holiday.

MAY

Saturday 17	First term ends — 1st, 2nd and 3rd year medicine.
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JUNE

Monday 2	Second term commences — 1st, 2nd and 3rd year medicine.
Saturday 14	Second term ends — 4th, 5th and 6th year medicine.
Monday 16	Queen's Birthday — Public Holiday.
Monday 30	Third term commences — 4th, 5th and 6th year medicine.

JULY

Tuesday 1	Foundation Day.
Friday 18	Last day for acceptance of corrected enrolment details forms.

AUGUST

Saturday 9	Second term ends — 1st, 2nd and 3rd year medicine.
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SEPTEMBER

Monday 1	Third term commences—1st, 2nd and 3rd year medicine.
Saturday 6	Third term ends — 4th, 5th and 6th year medicine.
Monday 22	Fourth term commences — 4th, 5th and 6th year medicine.

OCTOBER

Monday 6	Eight Hour Day — Public Holiday.
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NOVEMBER

Saturday 1	Lectures cease — 1st year medicine.
Saturday 8	Lectures cease—2nd and 3rd year medicine. Examinations commence — 1st year medicine.
Saturday 29	Fourth term ends — 4th, 5th and 6th year medicine.
Sunday 30	Last day for acceptance of applications for special admission to 2nd year medicine.

CALENDAR OF DATES

1969

FACULTY OF MEDICINE

First Year:

As for other Faculties.

Second Year and Third Year:

Term 1 (11 weeks)	March 3 to May 17
Term 2 (10 weeks)	June 2 to August 9
Term 3 (10 weeks)	September 1 to November 8

Fourth Year:

Term 1 (6 weeks)	February 10 to March 22
Term 2 (10 weeks)	April 8 to June 14
Term 3 (10 weeks)	June 30 to September 6
Term 4 (10 weeks)	September 22 to November 29

Fifth Year and Sixth Year:

Term 1 (10 weeks)	January 13 to March 22
Term 2 (10 weeks)	April 8 to June 14
Term 3 (10 weeks)	June 30 to September 6
Term 4 (10 weeks)	September 22 to November 29

FACULTIES OTHER THAN MEDICINE

First Term (11 weeks)	March 3 to May 17
Second Term (10 weeks)	June 2 to August 9
Third Term (9 weeks)	September 1 to November 1

CALENDAR OF DATES 1970

FACULTY OF MEDICINE

First Year:

As for other Faculties.

Second Year and Third Year:

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

Fourth Year:

Term 1 (6 weeks)	February 11 to March 21
Term 2 (10 weeks)	April 6 to June 13
Term 3 (10 weeks)	June 29 to September 5.
Term 4 (10 weeks)	September 21 to November 28

Fifth Year and Sixth Year:

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

FACULTIES OTHER THAN MEDICINE

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

FACULTY OF MEDICINE

DEAN—Professor F. F. Rundle

CHAIRMAN—Professor M. J. Blunt

SENIOR ADMINISTRATIVE OFFICER (MEDICAL)—

J. Steigrad, CBE, ED, MB ChM Syd., FRACS

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M. J. Blunt, MB BS PhD Lond., LMSSA (Lond.)

Associate Professor

B. R. A. O'Brien, BSc PhD Syd.

Senior Lecturers

M. Arnold, MB BCh Rand, FRCS (Edin.)

S. D. A. Fernando, BVSc Ceyl., PhD Lond.

C. Hinrichsen, MDS Syd., MS PhD Ill.

Lecturer

P. B. Paisley, BSc Belf., LRCP (Edin. & Glas.), LRCS (Edin. & Glas.)

Tutors

Mrs. Nanette G. Danks, BSc W.Aust.

Rosemary P. Rees, BSc Syd.

Mrs. Beverly A. Glucina, BSc Otago

Project Scientist

Mrs. Lynette Selwood, MSc PhD Syd.

Professional Officers

F. Baldwin, AMIBiol (Lond.)

H. C. Bartle, FIST

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E. M. Nicholls, MD BS Adel.

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Professor of Medicine (St. Vincent's Hospital)

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Associate Professors

A. W. Steinbeck, MD BS Syd., PhD Lond., FRACP, MRCP
 D. E. L. Wilcken, MD BS Syd., MRCP, MRACP

**Associate Professor*

B. H. Gandevia, MD BS Melb., FRACP

**Associate Professor*

J. W. Lance, MD BS Syd., FRACP, MRCP

Senior Lecturers

H. J. Colebatch, MB BS Adel., MRACP
 A. E. Davis, BSc MA Oxon., MD BS Syd., MRCP
 *I. P. C. Murray, MD ChB Glas., FRCP (Edin.), MRACP

Clinical Lecturers

*C. R. Boughton, MB BS DTM&H Syd., FRACP, MRCP
 *D. Jeremy, BSc(Med) MB BS Syd., MRACP
 *G. Preswick, MB BS Syd., MRCP, MRCP(Edin.)

Senior Tutor

R. S. Mellick, MB BS Syd., MRCP, MRCP (Edin.)

Teaching Fellow

Mrs. Aet Joasco, BSc(Med.) MB BS Syd., MRACP

Project Scientist

Margaret E. Hankin, BHSc N.Z., MS Alabama

Professional Officer

Helen M. Theile, BSc Qld.

Department of Diagnostic Radiology**Associate Professor (Diagnostic Radiology)*

H. B. L. Williams, MA MD BChir Cantab., MRCP, MRCS, DMRD
 (Lond.), LMCC, DR (Canada), MCRA

Senior Lecturer

*R. J. Hoy, MB BS Syd., FFR, FCCP, MCRA, MRACP

Lecturer

*G. J. Harrington, MB BS Syd., MCRA

Department of Rehabilitation Medicine*Senior Lecturer*

*G. G. Burniston, OBE, MB BS Syd.

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 FRCOG

Senior Lecturer

B. G. Wren, MB BS Syd., MRCOG

Lecturers

M. J. Simcock, BSc(Med) MB ChB N.Z., MRCOG, FRCS (Edin.)
 D. G. Simpson, MB BS Q'ld., MRCOG, MRCP (Edin.)

*Conjoint appointment with Prince Henry Hospital

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D. O. Hughes, MB BS Syd., MRACP

Clinical Lecturer

†W. de C. Baker, MD ChB Manc., DCP Lond., DipPath, MCPath

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J. B. W. Halley, MD ChB St. And., MCPath

†Associate Professor of Bacteriology

D. D. Smith, MD ChB Glas., MCPA, MCPath (seconded to School of Microbiology)

Senior Lecturers

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*A. Tait Smith, MD BS Melb., FRACP, MCPA

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Susan M. B. Stevens, MB BS Syd., DCH Lond.

R. H. Steele, MB ChB Edin.

Clinical Lecturers

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†P. R. Lam-Po-Tang, MBE, MB ChB Manc., DCP Lond., MCPA, MCPath

†A. G. Liddelow, MB BS Melb., MCPA, MCPath

‡R. A. Osborn, MD BS BSc Lond., MRCP(Edin.), MCPath

*M. C. Rozenberg, MD BS Syd., MRACP

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T. J. Heath, BVSc Syd., PhD A.N.U.

R. A. B. Holland, MD BS Syd., MRACP

*Conjoint appointment with Prince Henry Hospital

†Conjoint appointment with Prince of Wales Hospital

‡Conjoint appointment with Royal Hospital for Women

Lecturer

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Tutors

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Mrs. Anne Le Couteur, BSc Syd.

Professional Officer

K. H. Curtis, AIST Lond.

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N. McConaghy, MB BS Qld., BSc MD DPM Melb.

B. Nurcombe, MB BS Qld., DPM Melb., MANZCP

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Susie E. M. Owen, MB BS Syd., DCH Glas., DPM Lond.

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Professor of Surgery (St. Vincent's Hospital)

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Associate Professor of Surgery

R. G. Elmslie, MD BS Syd., FRACS, FACS

Associate Professor of Ophthalmology

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**Associate Professor of Surgery*

J. B. Johnston, MB ChB Aberd., MS Minn., FRCS (Edin.), FRACS

**Associate Professor of Surgery*

G. F. Murnaghan, MD ChM Edin., FRCS, FRCS (Edin.), FRACS

†Clinical Associate Professor

L. Atkinson, MB BS Lond.

Senior Lecturer

*G. M. Davidson, MB BS DA Syd., FFARACS

*Conjoint appointment with Prince Henry Hospital

†Conjoint appointment with Prince of Wales Hospital

Lecturers

‡C. R. Clinie, MB ChB N.Z., FFARCS, FFARACS

*T. A. G. Torda, MB BS Syd., DA Lond., FFARCS, FFARACS

Clinical Lecturers

D. P. Ewing, MD DTR Syd., MCRA

*J. S. Wright, MB BS Syd., FRACS, FACS

Senior Tutor

R. H. Farnsworth, MB BS Syd., FRCS (Edin.)

Teaching Fellow

R. W. Furneaux, BVSc Syd.

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Co-ordinator of Studies in Public Health and Social Medicine

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Administrative Assistant

C. P. Moess, BA Syd., LLB Bud.

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M. Thorpe, MB BS Syd., MD N.S.W., MRACP

*Conjoint appointment with Prince Henry Hospital

‡Conjoint appointment with Royal Hospital for Women

The St. George Hospital

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The St. George Hospital

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 F. C. Chapman, MB BS Syd., MRCOG
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 I. Maxwell, MB BS Syd., MRCOG
 W. McBride, MD BS Syd., MRCOG
 Joan Storey, MB BS Syd., MRCOG

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The St. George Hospital

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R. Hodgkinson, MB BS *Syd.*, FRACS
A. McJannet, MB BS *Syd.*, FRCS (Edin.), FRCS
T. D. Ness, MB ChB *Aberd.*, FRCS (Edin.)
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B. R. Selecki, CMedSci MD *Warsaw*
H. Thomas, MB ChB *N.Z.*, FRCS, FRACS
W. S. Walsh, BDS *Syd.*, FDSRCS, FACDS

The St. George Hospital

G. Arthurs, MB BS *Lond.*, LRCP, FRCS, FRACS
D. S. Forbes, MB BS *Adel.*, FRCS
Loraine C. Hibbard, MB BS *Syd.*, DA, FFARACS
C. A. Hobbs, MB BS *Syd.*, FRCS (Edin.), FRACS
W. G. Lucas, MB BS *Syd.*, FRCS (Edin.), FRACS
C. M. Maxwell, MB MS *Syd.*, FRACS
R. P. Melville, MB BS *Syd.*, FRCS, FRACS
K. B. Orr, MB BS *Syd.*, FRCS
D. C. Perry, MB BS *Syd.*, FRACS
W. J. Pullen, MB BS *Syd.*, FRCS, FRACS
C. A. Shearer, MB BS *Syd.*, FRCS (Edin.), FRACS
A. C. Garven Thomas, MB BS *Syd.*, FRACS
Eunice Wilson, MB BS *Syd.*, MSc *Melb.*, DOMS

ADMISSIONS 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 are adhered to, and for further details the sections on "Rules Relating to Students" and "Enrolment Procedure for Undergraduate Courses" should be consulted.

Applications for admission to undergraduate courses from students who do not satisfy the requirements for admission (see section on "Requirements for Admission"), from students seeking permission with advanced standing, and from students who have had a record of failure at another University, are referred by the Admissions Office to the Admissions Committee of the Professorial Board.

Students seeking to register as higher degree candidates should discuss their proposals initially with the Head of the School in which they wish to register. An application is then lodged on a standard form and the Admissions Office, after obtaining a recommendation from the Head of the School, refers the application to the appropriate Faculty or Board of Studies Higher Degree Committee.

Details of the procedure to be followed by students seeking entry to first year courses at the University may be obtained from the Admissions Office or the Metropolitan Universities Admissions Centre.

Persons seeking entry to first year courses in one or more of the three Universities in the Sydney Metropolitan Area (Macquarie University, the University of New South Wales and the University of Sydney) are required to lodge a single application form with the Metropolitan Universities Admissions Centre, First Floor, Crystal Palace Arcade, 590 George Street (near Town Hall), Sydney (Box

7049 G.P.O., Sydney, 2001). On the application form provision is made for applicants to indicate preferences for courses available in any of the three Universities. Students are notified individually of the result of their applications and provided with information regarding the procedures to be followed in order to accept the offer of a place at this University and complete their enrolment at the Enrolment Bureau, Unisearch House, 221 Anzac Parade, Kensington.

REQUIREMENTS FOR ADMISSION

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

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

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

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

SECTION A

GENERAL MATRICULATION AND ADMISSION REQUIREMENTS

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

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

Note: Facilities available to the University are likely to cause restrictions in 1969 on entry to the Faculties of Architecture, Arts, Commerce, and Medicine.

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

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

SCHEDULE A

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

SUBJECT	SUBJECT PRE-REQUISITES
1.011—Higher Physics I 1.001—Physics I 1.041—Physics IC	As for Faculty of Science
2.011—Higher Chemistry I 2.001—Chemistry I 17.001—General and Human Biology 25.001—Geology I	Science at Level 2S or higher
10.011—Higher Mathematics I	Mathematics at Level 2F or higher
10.001—Mathematics I	Either Mathematics at Level 2F or higher OR Mathematics at Level 2S, provided that the candidate's performance in the subject and his general level of attainment are at standards acceptable to the Professorial Board.
10.021—Mathematics IT	Mathematics at Level 2S or higher
15.102—Economics II	As for Faculty of Commerce
50.111—English I 51.111—History I	English at Level 2 or higher
56.111—French I	French at Level 2 or higher
59.111—Russian I	Russian at Level 2 or higher
64.111—German I	German at Level 2 or higher
65.111—Spanish I	Spanish at Level 2 or higher
59.001—Russian IZ 64.001—German IZ 65.001—Spanish IZ	A foreign language, other than that in which enrolment is sought, at Level 2 or higher

SECTION B**SUPPLEMENTARY PROVISIONS FOR MATRICULATION**

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

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

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

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

ADMISSION OF STUDENTS TO THE MEDICAL COURSE

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.*

*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.

ENROLMENT PROCEDURE

ENROLMENT PROCEDURE FOR FIRST YEAR STUDENTS

It is the policy of the University to endeavour to admit all properly qualified applicants who have lodged applications by the appropriate closing date. In 1969, however, facilities available to the University will make it necessary to impose quotas in the faculties of Architecture, Arts, Commerce and Medicine.

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

First Enrolments

Students with Overseas Entry Qualifications

Overseas students and Australian residents relying for admission on overseas qualifications must lodge an application for enrolment prior to October 1 of the year preceding that in which admission is sought.

Local and Interstate Residents

(a) Australian residents including students transferring from one course to another or from another University who have undertaken qualifying examinations in 1968 must lodge an application for enrolment by January 20, 1969.

(b) Australian residents already qualified for admission and students wishing to resume University studies must apply for enrolment by November 30, 1968.

First Year Repeat Students

First year students who fail all subjects at the annual examinations and who are not granted any deferred examinations must apply for re-enrolment to the Admissions Office by January 20, 1969.

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

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

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

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

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

General

Complete details on enrolment procedure (including the payment of fees) are set out in the booklet *Enrolment Procedure 1969 for Students Re-enrolling*. Students should also obtain a copy of the booklet entitled *General Rules and Information for Students*.

To complete their enrolment, students are required to attend the appropriate enrolment centre on the prescribed date. Failure to do so will incur a late fee of \$6.

Fees should be paid at the time of enrolment, but they may be paid up to Friday, March 14, 1969, without a late fee being incurred. Students who pay fees after this date and before March 31 will incur a late fee of \$12. Fees will not be accepted after March 31 without the express approval of the Registrar, which will be given in exceptional circumstances only. In cases where such approval is granted, a late fee of \$23 is payable.

2nd Year Students

Lectures commence on March 3, 1969.

To complete their enrolment, students are required to attend Lecture Theatre 'D', Wallace Wurth School of Medicine, on Thursday, February 27, from 2 p.m. to 4 p.m.

3rd Year Students

Lectures commence on Monday, March 3, 1969.

To complete their enrolment, students are required to attend Lecture Theatre 'D', Wallace Wurth School of Medicine, on Wednesday, February 26, from 2 p.m. to 4 p.m.

4th Year Students

Lectures in fourth year medicine commence on Monday, February 10, 1969.

To complete their enrolment, students are required to attend Lecture Theatre 'D', Wallace Wurth School of Medicine, on Wednesday, February 5, from 2 p.m. to 4 p.m.

5th Year Students

Lectures in fifth year medicine commence on Monday, January 13, 1969.

To complete their enrolment, students are required to attend Lecture Theatre 'D', Wallace Wurth School of Medicine, on Thursday, January 9, from 2 p.m. to 4 p.m.

6th Year Students

Lectures in sixth year medicine commence on Monday, January 13, 1969.

To complete their enrolment, students are required to attend Lecture Theatre 'D', Wallace Wurth School of Medicine, on Wednesday, January 8, 1969, from 2 p.m. to 4 p.m.

UNIVERSITY UNION CARD

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

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

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

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

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

FEES

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.)

Year 1	per term	\$110
Year 2	per term	\$110
Year 3	per term	\$110
Year 4	per term	\$110
Year 5	per term	\$110
Year 6	per term	\$110
(2 terms only)		

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.

- (a) for students enrolled in 4th or 5th year in 1968—*as from September 23, 1968*
- (b) for students enrolling in 1969 or later years in 3rd, 4th, 5th and 6th years of the course—
 - 3rd year — *as from February 24, 1969*
 - 4th year — *as from February 10, 1969*
 - 5th and 6th years — *as from January 13, 1969*
- (c) The current charge is \$9.21 per week, but this is subject to change without notice.

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

One Year Course: \$330, or three payments of \$110.

OTHER FEES

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

Matriculation Fee — \$7 — payable at the beginning of first year.

Library Fee — annual fee — \$12.

University Union* — \$20 — entrance fee.

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

Student Activities Fees—

University Union* — \$12 — annual subscription.

Sports Association* — \$2 — annual subscription.

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

Miscellaneous — \$10 — annual fee.

Total — \$29.

Graduation Fee — \$7 per degree — payable at the completion of the course.

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

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

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

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 — \$5 for each subject.

Examinations conducted under special circumstances — \$7 for each subject.

Review of examination result — \$7 for each subject.

LATE FEES**First Enrolments**

Fees paid on the late enrolment session and before the commencement of term	\$6
Fees paid during the 1st and 2nd weeks of term	\$12
Fees paid after the commencement of the 3rd week of term with the express approval of the Registrar and Head of the School concerned	\$23

Re-Enrolments—*First Term—*

Failure to attend enrolment centre during enrolment week	\$6
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*Life members of these bodies are exempt from the appropriate fee or fees.

Fees paid after the commencement of the 3rd week of term to 31st March	\$12
Fees paid after 31st March where accepted with the express approval of the Registrar	\$23

Second and Third Terms—

Fees paid in 3rd and 4th weeks of term	\$12
Fees paid thereafter	\$23
Late lodgement of corrected enrolment details forms (late applications will be accepted for three weeks only after the prescribed dates)	\$5

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

WITHDRAWAL FROM COURSE

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

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

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

University Union — \$2 in respect of each half term.

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

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

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

PAYMENT OF FEES

Completion of Enrolment

All students are required to attend the appropriate enrolment centre during the prescribed enrolment period* for authorisation of course programme. Failure to do so will incur a late fee of \$6.

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

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

Fees should be paid during the prescribed enrolment period but will be accepted up to Friday, March 14, 1969. (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 term (i.e. March 14, 1969), and after March 31 from students who are re-enrolling, except with the express approval of the Registrar, which will be given in exceptional circumstances only.

Payment of Fees by Term

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

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

1st payment by March 14, 1969

2nd payment by June 13, 1969

3rd payment by September 12, 1969

Assisted Students

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

Extension of Time

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

until March 31 for fees due in First Term and for one month from the date on which a late fee becomes payable in respect of the second and third payments.

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

Failure to Pay Fees

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

No student is eligible to attend the annual examinations in any subject where any portion of his course fees for the year is outstanding after September 26, 1969.

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

GENERAL RULES

GENERAL CONDUCT

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

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

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

ATTENDANCE AT CLASSES

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

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

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

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

Where a student has failed a subject at the annual examinations in any year and re-enrols in the same course in the following year, he must include in his programme of studies for that year the subject in which he has failed. This requirement will not be applicable if the subject is not offered the following year; is not a compulsory component of a particular course; or if there is some other cause, which is acceptable to the Professorial Board, for not immediately repeating the failed subject.

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

ANNUAL EXAMINATIONS

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

Examination results may be reviewed for a fee of \$7 a subject, which is refundable in the event of an error being discovered. Applications for review must be submitted on the appropriate form, together with the necessary fee by the date indicated on the notification of results.

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

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

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

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

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

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

All students will receive an enrolment details form by June 30. It is not necessary to return this form, unless any information recorded there is incorrect. Amended forms must be returned to the Examinations Branch by July 19. 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 \$5.00 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 \$5 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 31.

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, 1962.

- (i) As from January 1, 1962, 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. A student in the medical course shall show cause why he should be allowed to repeat second year of the course if he has failed more than once to qualify for entry to the third year.
- (ii) Notwithstanding the provisions of clause (i), 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

- *(iii) 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.

- (iv) 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.

- (v) Any student excluded under any of the clauses (i)-(iii) may apply for re-admission after two academic years and such

*Rule (iii) in so far as it relates to students in the Faculty of Arts will apply retrospectively as from January 1, 1967, and in so far as it relates to students in the Faculty of Medicine, will apply to students enrolling for the first time in 1967 or thereafter.

application shall be considered in the light of any evidence submitted by him.

- (vi) A student wishing "to show cause" under these provisions shall do so in writing to the Registrar. Any such application shall be considered by the Professorial Board, which shall determine whether the cause shown is adequate to justify his being permitted to continue his course or re-enrol as the case may be.
- (vii) The Vice-Chancellor may on the recommendation of the Professorial Board exclude from attendance in a course or courses any student who has been excluded from attendance in any other course under the rules governing re-enrolment and whose record at the University demonstrates, in the opinion of the Board and the Vice-Chancellor, the student's lack of fitness to pursue the course nominated.
- (viii) A student who has failed, under the provisions of Clause (vi) of these rules, to show cause acceptable to the Professorial Board why he should be permitted to continue in his course, and who has subsequently been permitted to re-enrol in that course or to transfer to another course, shall also be required to show cause, notwithstanding any other provisions in these rules, why he should be permitted to continue in that course if he is unsuccessful in the annual examinations immediately following the first year of resumption or transfer of enrolment as the case may be.
- (ix) A student may appeal to an Appeals Committee constituted by Council for this purpose, against his exclusion by the Professorial Board from any subject or course.

STUDENT SERVICES

THE LIBRARY

The University library is located on the upper campus and adjacent to the Chancellery and the Arts and Commerce buildings.

The Bio-Medical Library is located on the sixth floor of the School of Biological Sciences. There is also a branch of this library at Prince Henry Hospital.

Staff and students must register with the library or libraries from which they intend to borrow books. Students will be registered on production of evidence that they have been enrolled for University courses, e.g. the University Union Card.

STUDENT ACCOMMODATION

Residential Colleges

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

Board and residence fees, which are payable on a term basis, amount to \$18.50 per week. Intending students should apply in writing to the Master, Box 24, Post Office, Kensington, N.S.W. 2033, from whom further information is available.

Other Accommodation

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

THE UNIVERSITY OF NEW SOUTH WALES MEDICAL SOCIETY

An active Medical Society is in existence and membership is open

to all undergraduates in medicine. The objects of the Medical Society are:

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

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

SCHOLARSHIPS

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 Officer in Charge, Sydney Office, Department of Education and Science, La Salle Building, 70 Castlereagh Street, Sydney, 2000. (Telephone 25 5447.)

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 after publication of Leaving Certificate Examination results and after the announcement of the award of Commonwealth Scholarships, but not later than January 31.

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 Frank Gerbode 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 for a case history study.	\$21 annually	Awarded to fifth or sixth year student submitting best case history relating disease to social factors and environment.
ANATOMY	The Prize in Practical Anatomy.	\$21 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.
OPHTHALMO- LOGY	The Ophthalmological Society of Australia prize.	\$50 annually	Awarded to final year student for best essay on a nominated ophthalmological subject.
GENERAL MEDICINE	The Medical Staff Association prize.	\$100 annually	Awarded to final year student for best general proficiency in the clinical years.
MEDICINE	The W. G. Telleson Memorial Prize in Medicine.	At least \$31.50 annually	Awarded to the best fifth year student in medicine.
PRE-CLINICAL	The Prince of Wales Hospital Ladies' Auxiliary prize.	\$100 annually	Awarded to third year student for general proficiency in the second and third years of the medical course.

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

The medical course extends over six years of full-time study leading to the degrees of Bachelor of Medicine (M.B.) and Bachelor of Surgery (B.S.) which have been recognised (1967) by the General Medical Council of the U.K. These degrees may be awarded in the following grades: Honours Class I; Honours Class II, Division I; Honours Class II, Division II, or Pass level.

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

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

The First (Pre-medical) Year

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

FIRST YEAR

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

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

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

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

The Pre-clinical Years (Second and Third Years)

After enrolment in the second year students will receive full-time instruction in the subjects of the pre-clinical and clinical courses. A review of the pre-clinical curriculum has been made and the approved new courses for second and third years are set out below. Final examinations in each of the three subjects in second year will be held at the end of second year.

Details of the third year examinations and of the programme to be followed in the fourth year of the course by students enrolled in third year in 1969 are currently under review. It is emphasised that the fourth year of the course will be modified and the description of the fourth year curriculum set out in this handbook concerns students presently in third year.

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

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

SECOND YEAR

		Hours per Week for 31 Weeks					
		Term 1 (11 weeks)		Term 2 (10 weeks)		Term 3 (10 weeks)	
		Lec.	Lab./Tut.	Lec.	Lab./Tut.	Lec.	Lab./Tut.
41.121	Biochemistry	3	— 3½	3	— 7	3	— 7
	General Studies Elective	1	— ½	1	— ½	1	— ½
70.111	Human Anatomy	6	— 8†	6	— 8†	6	— 8†

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

THIRD YEAR

		Hours per Term for 31 Weeks					
		Term 3.1 (11 weeks)		Term 3.2 (10 weeks)		Term 3.3 (10 weeks)	
		Lec.	Other	Lec.	Other	Lec.	Other
12.131	Psychology	30	20	20	10	—	—
26.531	Sociology	—	—	15	—	30	—
44.121	Microbiology	20	—	30	30	30	30
72.211	General Pathology	12	8	20	20	20	20
73.111	Physiology	50	90	40	60	20	10
73.211	Pharmacology	—	—	30	—	20	10
78.111	Medical Statistics and Human Genetics	10	10	—	—	20	20
		122	128	155	120	140	90

The Clinical Years (Fourth, Fifth and Sixth Years)

The clinical curriculum includes instruction in medicine, surgery, obstetrics and gynaecology, paediatrics, psychiatry, pathology, pharmacology, microbiology, psychology, medical statistics, 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 term of fourth year, which is of six weeks' duration only, all terms are of ten weeks. The amount of rostered time will be restricted to not more than 27 hours each week. This should allow at least one half-day of free time each week. In addition, electives may be offered in the final two years of the course.

FOURTH YEAR

	Hours per term			
	Term 1 (6 weeks)	Term 2 (10 weeks)	Term 3 (10 weeks)	Term 4‡ (10 weeks)
	Lec. Other*	Lec. Other*	Lec. Other*	
12.131 Introductory Psychology ..	30 — 0	0 — 0	0 — 0	
44.121 Microbiology ..	0 — 0	20 — 20	20 — 0	
71.111 Introductory Medicine	0 — 20	0 — 0	0 — 0	
71.112 Medicine and Therapeutics	18 — 36	10 — 40	0 — 40	
72.091 Clinical Laboratory Methods	0 — 24	0 — 0	0 — 20	
72.111 Pathology	6 — 6	20 — 50	20 — 44	
73.211 Medical Pharmacology	0 — 0	20 — 25	11 — 7½	
74.111 Surgery	12 — 0	10 — 20	10 — 20	
76.111 Paediatrics	4 — 12	0 — 0	0 — 0	
77.111 Psychiatry	0 — 0	10 — 10	0 — 0	
General Studies Elective†	45 hours spread over four terms.			

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

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

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

BLOCK TEACHING ARRANGEMENTS

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

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

TEACHING BLOCKS

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

The following should be noted:

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

BACHELOR OF SCIENCE (MEDICINE)*

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, Physiology, Biochemistry, Pathology, Pharmacology or Microbiology;
- (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) (a) for students in third year Medicine in 1968, as an interim measure, enrolment in the course may be effected at the end of Term 4.3 in one of the subjects Anatomy, Physiology, Biochemistry, Pathology, Pharmacology or Microbiology. Students desiring to enrol in the subjects Anatomy, Physiology or Biochemistry may lodge their applications for consideration in September, 1968.
(b) for students in the second year of the medical course in 1968 enrolment may be effected at the end of third year in one of the subjects Anatomy, Biochemistry, Physiology, Pharmacology, Microbiology or Human Genetics. Students intending to enrol in the subjects Anatomy or Biochemistry may lodge applications at the end of the second year of the course. Enrolment may be effected at the end of the third term of 4th year in any of the subjects listed above or in the subject Pathology;
- (iv) the course in each subject shall be a special course designed to introduce the student to research in the particular disci-

*The conditions will be revised in light of the current review of the medical curriculum.

pline and shall consist of such formal and special work and such examinations as the Head of the School shall prescribe;

- (v) the award upon completion of the course shall be Bachelor of Science (Medicine) Honours Class I, Honours Class II, Division I, Honours Class II, Division II or pass level; if the performance of the student has been unsatisfactory, no award shall be made;
- (vi) the duration of the course shall be one year;
- (vii) a student may qualify for the award of the degree of Bachelor of Science (Medicine) at the conclusion of such year.

DESCRIPTIONS OF SUBJECTS

SCHOOL OF PHYSICS

1.061 Physics IM

A terminating subject taken only by students in the Faculty of Medicine. Consists of Units 1, 3-6, 8, 9, 11 and 12

UNITS

1. *Mechanics I* Kinematics. Centripetal acceleration. Newton's laws of motion. Momentum. Impulse. Work, energy and power. Friction. Conditions of equilibrium. Simple harmonic motion.
2. *Mechanics II*
3. *Wave Motion* Equation of wave motion. Longitudinal and transverse waves. Sound waves. Superposition of waves. Energy current. Stationary waves. Resonance. Beats. Doppler effect.
4. *Physical Optics* Nature of light. Velocity of light. Interference. Interference in thin films. Interferometer. Huygens' principle. Fraunhofer diffraction by slit. Diffraction grating. Polarized light.
5. *Introduction to Modern Physics* Measurement of e and e/m . The neutron. Natural and artificial radioactivity. Quantum properties of radiation. The Bohr atom. Wave properties of matter. The uncertainty principle. Nuclear fission and fusion.
6. *Properties of Matter* Hydrostatics. Pressure. Pascal's and Archimedes' principles. Hydrodynamics. Bernoulli's theorem. Viscosity. Surface tension. Elasticity. Young's, bulk and shear moduli. Poisson's ratio.
7. *Electrostatics and Electrodynamics*
8. *D.C. Circuits* Conductance. E.M.F. Resistivity and temperature coefficient. Power. Kirchhoff's rules and Thevenin's theorem. D.C. measurements. D.C. transients in RL and RC circuits.
9. *A.C. Circuits* Series LRC circuits. Reactance and impedance. Power factor. Phase amplitude diagram and complex notation. Series and parallel resonance. Transformer. A.C. instruments.
10. *Physical Acoustics*
11. *Electronics* Diode as rectifier. Filters. Triodes, and triode parameters. Load line. Triode as amplifier and oscillator. Transistor amplifier. Instruments.
12. *Heat* Temperature measurement. Heat capacity. First law of thermodynamics. Calorimetry. Atomic heat of solids. Kinetic theory. Non-ideal gases. Van der Waals' equation. P-V isotherms. Conduction and radiation of heat. Pyrometers.

TEXTBOOK

Halliday, D., and Resnick, R. *Physics for Students of Science and Engineering*. Vols. I and II, or combined volume. Wiley, 1960.

SCHOOL OF CHEMISTRY

2.001 Chemistry I

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

2.011 Higher Chemistry I

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

TEXTBOOKS

Alder and Sonnessa. *Principles of Chemistry*. Collier-Macmillan, 1966.

Sanderson. *Principles of Chemistry*. Wiley, 1967.

Hart and Schuetz. *Organic Chemistry*. Houghton Mifflin, 1967.

Aylward and Findlay (eds.). *Chemical Data Book*. Wiley, 1967.

Chemistry I—Laboratory Manual. Univ. of N.S.W., 1969.

SCHOOL OF APPLIED PSYCHOLOGY

12.131 Introductory Psychology

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

TEXTBOOK

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

BIOLOGICAL SCIENCES

17.001 General and Human Biology

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

TEXTBOOK

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

SCHOOL OF BIOCHEMISTRY

41.121 Biochemistry

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

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

TEXTBOOKS

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

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

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

SCHOOL OF MICROBIOLOGY

44.121 Microbiology

Introduces the student to the principal microbial groups and is designed to give a basic knowledge of the nature and properties of bacteria, viruses and fungi. Genetics, viruses, the sensitivity of micro-organisms to antibiotics, and antibiotic-resistant mutants will be studied. The mechanisms of pathogenicity will be discussed and an outline of the principal pathogenic groups of bacteria will be given. Hospital tutorials will be presented on special topics. Laboratory work will illustrate the various topics.

TEXTBOOK

Jawetz, E. *et al.* *Review of Medical Microbiology*, 7th ed. Lange, 1966.

SCHOOL OF ANATOMY

70.111 Human Anatomy

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

PRELIMINARY READING

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

TEXTBOOKS

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

Williams, P. L., Wendell-Smith, C. P. and Treadgold, S. *Basic Human Embryology*. Pitman, London, 1966, pp. 136 (\$4.15).

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

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

ESSENTIAL EQUIPMENT

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

Instruments: Two pairs of 6" dissecting forceps.

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

SCHOOL OF MEDICINE**71.111 Introductory Medicine**

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

TEXTBOOKS

Chamberlain, E. Noble. *Symptoms & Signs in Clinical Medicine*, 7th ed. Wright, Bristol, 1961. (\$9.65)

Davidson, Sir Stanley. *The Principles & Practice of Medicine*, 7th ed. Livingstone, Edin., 1964. (\$7.00)

Harrison, T. R. *Principles of Internal Medicine*, 5th ed. McGraw-Hill, 1966. (\$23.65)

OR

Beeson & McDermott. *Textbook of Medicine*, 12th ed. Saunders, 1967. (\$20.50)

Dermatology

Pillsbury, Shelley and Kligman. *Cutaneous Medicine*. Saunders, 1956 (1960 reprint). (\$9.50)

71.112 Medicine and Therapeutics

The object of this course is to develop skills in history taking, physical examination, diagnosis and treatment of disease. Equally strong emphasis is placed on the pathologic physiology, the mode of production of symptoms and signs and the manner in which these are modified by therapeutic agents. The clinical clerkship is supplemented by a course in clinical laboratory methods, lectures, seminars and tutorials on important

topics and attendance at post-mortem examinations. There will be a residency period during which students will be expected to participate as fully as possible in the clinical work of the hospital. The emphasis throughout the course is on insight into the mechanisms of common diseases and the manner in which understanding of the aetiology and treatment of disease is studied. Students will be expected to have a lively interest in the preventative social, environmental, genetic and personality factors in disease processes.

TEXTBOOKS

As for 71.111 Introductory Medicine.

SCHOOL OF PATHOLOGY

72.211 General Pathology

The principles of disease processes, gross, microscopic and experimental pathology. Covers: *Cell and tissue degeneration*: inflammation and healing, including the inflammatory response, the establishment and spread of infection, healing and regeneration. *Vascular disorders*: haemorrhage and shock, coagulation and thrombosis, embolism and infarction. *Neoplasia*: metabolism of the neoplastic cell, classification, features, mode of spread and causation of neoplasms. *Immunopathology*: the principles and disorders of the immune response.

TEXTBOOKS

(1) Florey, H., ed. *General Pathology*. 3rd ed. Lloyd-Luke.

OR

Payling Wright, G. *An Introduction to Pathology*. 3rd ed. Longmass.

(2) Cappell, D. F., rev. by. Muir's *Textbook of Pathology*. 8th ed. Arnold.

OR

Boyd, W. *Textbook of Pathology*. 7th ed. Lea and Febiger.

72.111 Pathology

Illustrates the principles of pathology, and includes one year of lectures, tutorials, and practical classes on gross, microscopic and experimental pathology, as well as autopsy demonstrations as follows:—

Inflammation and healing—The establishment and spread of infection, the inflammatory reaction, phagocytosis, reticulo-endothelial system, healing and regeneration. Specific acute and chronic inflammations. *Vascular disorders*—Haemorrhage and shock, coagulation and thrombosis, embolism and infarction, anaemia. *Cell degenerations*—Including necrosis, calcification, atherosclerosis, pigmentation. *Neoplasia*—Causation, classification, features and mode of spread. *Immunopathology*—Including the immune response and its disorders.

During the remainder of the clinical course, teaching in pathology will be integrated with that of other subjects in the curriculum.

TEXTBOOKS

As for 72.211 Pathology.

72.091 Clinical Laboratory Methods

Conducted by the School of Pathology in collaboration with other Clinical Schools, and includes the following topics:

(i) haemoglobin estimations and abnormal blood pigments, the preparation and examination of blood films, red and white cell counts, bone marrow examination, blood coagulation and anti-coagulant methods, blood grouping and blood transfusion; (ii) examination of urine (biochemical tests, cytology and bacteriology), cerebro-spinal fluid, sputum and faeces, as well as of blood and faeces for parasites; (iii) tests to assess water and electrolyte balance, carbohydrate and nitrogenous metabolism, the function of the gastro-intestinal tract, liver, and endocrine system; enzymes of blood and other body fluids.

TEXTBOOKS

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

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

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

SCHOOL OF PHYSIOLOGY

73.111 Medical Physiology (3 pre-clinical terms)

A combined course in human and general mammalian physiology aimed to emphasise those areas of the subject relevant to the student's subsequent clinical studies. Emphasis is placed on the problems of homeostasis of complex organisms and the consequent demands placed on the transport mechanisms linking cell with environment. The earlier part of the course emphasises the role of these transport systems—the circulation, the respiratory system and the kidney in particular. Subsequently, the problem of control processes and integrated function of the whole organism is considered, and the second portion of the course deals largely with the physiology of the nervous system and the endocrine glands. Additional topics covered, because of their importance in the medical curriculum, include haematology and the digestive system.

TEXTBOOKS

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

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

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

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

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

The above five are available in a set for \$27.50. Cost individually is \$7.15 each in soft covers and \$9.40 in hard covers.

The Neurophysiology text will be announced during term.

73.211 Medical Pharmacology

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

TEXTBOOK

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

SCHOOL OF SURGERY**74.111 Surgery**

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

TEXTBOOKS**4th, 5th and 6th YEARS**

Bailey, H. *Demonstrations of Physical Signs in Clinical Surgery*. Wright, new edition in preparation (\$14.00 approx.) and either

Bailey, H. and Love, R. J. McN. *A Short Practice of Surgery*. Lewis, 13th edition, 1965. (\$14.70) or

Moyer, C., Rhodes, H. E., Allen, J., and Harkins, H. *Surgery: Principles and Practice*. Lippincott, 3rd edition, 1965. (\$19.80)

SCHOOL OF OBSTETRICS AND GYNAECOLOGY**75.011 Introductory Obstetrics**

In normal obstetrics the physiology of pregnancy, labour and the puerperium will be covered by means of lecture demonstrations. In addition, students will be required to spend one week in residence at an obstetrical hospital, during which time they will assist with normal deliveries.

75.111 Obstetrics and Gynaecology

Abnormal Obstetrics. During the obstetrical and gynaecological term in late fifth year and early 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. This will be integrated with Medicine and Surgery in the residential term in fifth and sixth years. Of this term of 10 weeks, 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 out-patient demonstrations and clinical clerking. The syllabus will cover menstrual abnormalities; disorders of pregnancy during the first trimester; prolapse; inflammatory, and benign and malignant neoplastic conditions of the female reproductive tract.

TEXTBOOK FOR GYNAECOLOGY

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

TEXTBOOK FOR OBSTETRICS

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

SCHOOL OF PAEDIATRICS

76.111 Paediatrics

Normal growth and development is taught during the first term of fourth year; emotional and physical aspects of development are considered and visits to kindergartens are arranged. 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-fifth 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

Hutchison, J. H. *Practical Paediatric Problems*. 2nd ed. Lloyd-Luke Medical Books Ltd., 1967. (\$9.00 approx.)

Paediatric Surgery

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

SCHOOL OF PSYCHIATRY

77.111 Psychiatry

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

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

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

TEXTBOOKS

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

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

SCHOOL OF HUMAN GENETICS

78.111 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.

78.112 Human Genetics

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

TEXTBOOKS (78.111 and 78.112)

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

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

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 and Larrimore. *Preventive Medicine*. 2nd ed., Saunders, 1965. (\$12)

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.

