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FACULTY OF MEDICINE 1967 HANDBOOK



THE UNIVERSITY OF NEW SOUTH WALES





FACULTY OF MEDICINE 1967 HANDBOOK

FIFTY CENTS



THE UNIVERSITY OF NEW SOUTH WALES P.O. Box 1, Kensington, N.S.W. Phone: 663-0351

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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.

The teaching hospital organisation for the clinical instruction of students in their fourth, fifth and sixth years is emerging. The target enrolment for the clinical years of the course is 200 students per annum, and to provide opportunities for such large numbers a teaching hospital organisation of considerable magnitude must be available. All the relevant clinical fields—medicine, surgery, paediatrics, obstetrics and gynaecology, and psychiatry must be represented. Although the final shape of the teaching hospital organisation has not been determined, it is hoped that the efforts of the government to increase the numbers of medical graduates will enable the second medical school to operate at its full capacity.

In 1961, the first students enrolled in the Faculty of Medicine and after completion of their six years' course the first students will graduate at the end of 1966. Those who were successful in passing their final examinations in medicine, surgery, and obstetrics and gynaecology will be eligible for registration in New South Wales and will enter 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. It is hoped that the representatives will report favourably to the full Council and that the Council will recognise the MB, BS degree 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 pre-clinical level, important changes are foreshadowed in the content of the first year with a view to making it better orientated to the student's subsequent medical work. Although final details have not been worked out, mathematics may be made an optional subject.

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 1967

JANUARY					
Wednesday 11	5th and 6th year medical students re-enrol.				
Monday 16	First term commences — 5th and 6th year medicine.				
Monday 23	Last day for acceptance of applications to enrol by new students.				
Monday 30	Australia Day — Public Holiday.				
FEBRUARY					
Wednesday 8	4th year medical students re-enrol.				
Monday 13	First term commences — 4th year medicine.				
Monday 20	Enrolment week commences—1st year students.				
Wednesday 22	3rd year medical students re-enrol.				
Monday 27	First term commences — 3rd year medicine.				
MARCH					
Wednesday 1	2nd year medical students re-enrol.				
Monday 6	First term commences — 1st and 2nd year medicine.				
Friday 17	Last day for acceptance of enrolments — 1st year students (late fee applies).				
Thursday 23	First term ends — 4th, 5th and 6th year medicine.				
Friday 24 to					
Monday 27	Easter Holidays.				
Friday 31	Last day for acceptance of enrolments (late fee applies).				
APRIL					
Monday 10	Second term commences — 4th, 5th and 6th year medicine.				
Tuesday 25	Anzac Day — Public Holiday.				
MAY					
Saturday 20	First term ends — 1st, 2nd and 3rd year medicine.				

JUNE	
Monday 5	Second term commences — 1st, 2nd and 3rd year medicine.
Monday 12	Queen's Birthday — Public Holiday.
Saturday 17	Second term ends — 4th, 5th and 6th year medicine.
JULY	
Monday 3	Third term commences — 4th, 5th and 6th year medicine.
Tuesday 4	Foundation Day.
Friday 14	Last day for acceptance of applications for examinations—all years.
AUGUST	
Saturday 12	Second term ends - 1st and 2nd year medicine.
Saturday 19	Second term ends — 3rd year medicine.
SEPTEMBER	
Monday 4	Third term commences — 1st and 2nd year medicine.
Saturday 9	Third term ends — 4th, 5th and 6th year medicine.
Monday 25	Fourth term commences — 4th, 5th and 6th year medicine.
	Third term commences — 3rd year medicine.
OCTOBER	
Monday 2	Six Hour Day — Public Holiday.
NOVEMBER	
Saturday 4	Lectures cease — 1st year medicine.
Saturday 11	Lectures cease — 2nd year medicine.
	Examinations commence — 1st year medicine.
Thursday 30	Last day for acceptance of applications for admission to 2nd year medicine.
DECEMBER	
Saturday 2	Third term ends — 3rd year medicine.
	Fourth term ends — 4th, 5th and 6th year medicine.

In general, the academic year is divided into three terms, the first consisting of eleven weeks, the second of ten, and the third of nine weeks. The first term commences on the first Monday in March. Examinations for students in thirty-week courses commences one week after lectures cease. There is a two-week vacation between first and second terms, and a three-week vacation between second and third terms.

While the structure of the first year of the medical course (common first year) is as shown above, that of the other years of the course differs in many respects from the normal pattern. Term dates in 1967 for the second, third, fourth, fifth and sixth years of the course are as follows:

Second Year (31 weeks):

First Term (11 weeks)	March 6 to May 20
Second Term (10 weeks)	June 5 to August 12
Third Term (9 weeks)	September 4 to November 11
Third Year (33 weeks):	
First Term (12 weeks)	February 27 to May 20
Second Term (11 weeks)	June 5 to August 19
Third Term (10 weeks)	September 25 to December 2
Fourth Year (36 weeks):	
First Term (6 weeks)	February 13 to March 23
Second Term (10 weeks)	April 10 to June 17
Third Term (10 weeks)	July 3 to September 9
Fourth Term (10 weeks)	September 25 to December 2
Fifth Year (40 weeks) and	
Sixth Year (40 weeks):	
First Term (10 weeks)	January 16 to March 23
Second Term (10 weeks)	April 10 to June 17
Third Term (10 weeks)	July 3 to September 9
Fourth Term (10 weeks)	September 25 to December 2

DEAN-Professor F. F. Rundle

CHAIRMAN-Professor L. G. Kiloh

SENIOR ADMINISTRATIVE OFFICER-A. McNamara, BA Syd.

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Associate Professor

C. P. Wendell-Smith, MB BS Lond., DRCOG

Senior Lecturers

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

G. S. Molyneux, BDS Syd., PhD N.S.W., FDSRCS

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

Tutors

L. R. Golding, MB BS Syd.

Mrs. Elizabeth D. Graham, MB BS Syd.

Demonstrator

Mrs. Beverly A. Glucina, BSc Otago

Professional Officers

F. Baldwin, AMIBiol (Lond.)

H. C. Bartle, FIST

S. E. Coalstad, BSc W.Aust., ASTC, ASASM, ARACI

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Associate Lecturer

E. M. Nicholls, MB BS Adel.

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Associate Professor

A. W. Steinbeck, MD BS Syd., PhD Lond., FRACP, MRCP

*Associate Professor B H Gandevia, MD BS Melb., FRACP *Associate Professor J. W. Lance, MD BS Syd., FRACP, MRCP *Associate Professor (Diagnostic Radiology) H. B. L. Williams, MA MD BChir Cantab., MRCP, MRCS, DMRD (Lond.), LMCC, DR (Canada), MCRA Senior Lecturers *G. G. Burniston, MB BS Syd. (Rehabilitation Medicine) H. J. Colebatch, MB BS Adel., MRACP *R. J. Hoy, MB BS Syd., MRACP, MCRA, FFR (Diagnostic Radiology) *I. P. C. Murray, MD ChB Glas., FRCP (Edin.) Lecturer *G. J. Harrington, MB BS Syd., MCRA (Diagnostic Radiology) Senior Research Fellow D. E. L. Wilcken, MB BS Syd., MRCP Senior Tutor R. S. Mellick, MB BS Syd., MRCP, MRCP (Edin.) Professional Officers R. J. Maerschel, BSc Adel. Helen M. Theile, BSc Old. SCHOOL OF OBSTETRICS AND GYNAECOLOGY Professor of Obstetrics and Gynaecology H. M. Carey, MB BS MSc DGO Syd., FRACS, FRCS (Edin.), FRCOG Lecturers E. G. Bosch, MB BS Syd., MRCOG

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

Senior Tutor

G. K. Williams, MB BS Syd., MRCOG, FRCS

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Professor of Paediatrics and Head of School John Beveridge, MB BS Syd., FRACP

Associate Professor of Paediatrics

L. H. Stevens, MB ChB BSc N.Z., PhD Lond., MRACP

Senior Lecturers

*A. C. Bowring, MB BS Syd., FRCS (Edin.), FRCS D. O. Hughes, MB BS Syd., MRACP

*Conjoint appointment with Prince Henry Hospital †Conjoint appointment with Prince of Wales Hospital

Lecturer G. Wise, MB BS Svd., MRACP Senior Tutor G. N. B. Storey, MB BS Svd. Research Fellow D. C. L. Savage, MA MB BChir Cantab., DCH Glas., MRCP SCHOOL OF PATHOLOGY Professor of Pathology and Head of School D. L. Wilhelm, MD BS Adel., PhD Lond., MCPA Associate Professor of Pathology J. B. W. Halley, MD ChB St. And., MCPath *Associate Professor of Haematology W. R. Pitney, MD BS Melb., FRACP, MCPA **†**Associate Professor of Bacteriology D. D. Smith, MD ChB Glas., MCPA, MCPath Senior Lecturers *R. J. Bartholomew, BSc Syd., PhD Lond., ASTC, FRACI *A. T. Smith, MD BS Melb., FRACP, MCPA Lecturer R. H. Steele, MB ChB Edin. Senior Tutor R. Cummings, MB BS Syd. Tutor Susan M. B. Stevens, MB BS Svd., DCH Lond. Research Fellow I. Salasoo, BSc PhD N.S.W., ASTC, ARACI SCHOOL OF PHYSIOLOGY Professor of Physiology and Head of School P. I. Korner, MD BS MSc Syd. Professor I. Darian-Smith, MD BS Adel. Senior Lecturers A. W. T. Edwards, MD BS Syd., MRACP R. A. B. Holland, MD BS Syd., MRACP

Mary J. Scott, BSc PhD Lond.

Teaching Fellows

M. J. Rowe, BPharm MSc Svd.

B. J. Sessle, MDS BSc Syd.

Tutor

A. Bullen, BSc Syd.

*Conjoint appointment with Prince Henry Hospital †Conjoint appointment with Prince of Wales Hospital

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Professor of Psychiatry and Head of School L. G. Kiloh, MD BS BSc Lond., DPM, MRCP

Associate Professor

*J. E. Cawte, MD BS Adel., DPM Melb.

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J. G. Andrews, MB ChB N.Z., MD Otago, DPM Melb.

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[†]Conjoint appointment with Royal Hospital for Women

^{*}Conjoint appointment with Prince Henry Hospital *Conjoint appointment with Prince of Wales Hospital

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Head of the School of Mathematics Professor G. Bosson, MSc Lond.

Head of the School of Physics Professor C. J. Milner, MA PhD Cantab., FInstP, FAIP

Head of the Department of General Studies Professor J. F. D. Wood, BSc BE Syd., MIEAust.

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G. Palmer, MB BS Syd., DDM Vienna, MRCP (Edin.)

- B. Pascoe, MB BS Syd., MRACP
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ADMISSIONS OFFICE

The Admissions Office provides intending students (both local and overseas) with information regarding courses, admission requirements, scholarships and enrolment.

Applications for special admission or admission with advanced standing to courses should be made at the Admissions Office. Local residents should apply prior to December 31 of the year preceding that in which admission is sought. Where applicable, documentary evidence should be tendered with the application, and copies should accompany original documents, as this will allow the immediate return of the latter. Students applying from overseas for admission to undergraduate courses and to those post-graduate courses which require completion of formal lecture courses, should lodge their applications prior to October 1 of the year preceding that in which admission is sought.

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.

The Admissions Office also receives applications from students who wish to transfer from one course to another, or seek any concession in relation to a course in which they are enrolled. These applications should, wherever possible, be lodged before the commencement of the academic year in which the concession is to apply.

Students wishing to resume their studies after an absence of 12 months or more are required to apply to the Admissions Office for permission to re-enrol. It should be noted that, unless permission has been given to defer their studies for a specified period which will not normally exceed 12 months, students will be required to re-enter the

course under the regulations prevailing at the time of resumption. This condition will apply also to students who have been readmitted to a course after exclusion under the rules restricting students re-enrolling.

The Admissions Office operates an Enrolment Bureau for undergraduate students enrolling in the University for the first time. Details of the procedure to be followed by such students will be published in the preamble to the Leaving Certificate Examination results, or may be obtained on application to the Admissions Office.

The Admissions Office is located on the upper campus in the Chancellery, telephone 663-0351. Office hours are from 9 a.m. to 1 p.m., and 1.45 p.m. to 5 p.m. Monday to Friday. An evening service is provided during the enrolment period.

REQUIREMENTS FOR ADMISSION

Introductory Information

Candidates may qualify for entry to undergraduate courses by complying with the matriculation requirements set out below at the Leaving Certificate Examination held by the Department of Education or the Matriculation Examination conducted by the University of Sydney.

The Leaving Certificate Examination is usually held in November, and entries must be lodged with the Department of Education during August.

The Matriculation Examination is held in February, and applications must be lodged at the University of Sydney during the first ten days of January except by candidates who have taken the Leaving Certificate Examination in the previous November. The closing date for such candidates will be announced when the Leaving Certificate results are published.

Matriculation Requirements*

(To operate from January 1, 1961)

- 1. (i) A candidate for any first degree of the University must satisfy the conditions for admission set out hereunder before entering upon the prescribed course for a degree. Compliance with these conditions does not in itself entitle a student to enter upon a course.
 - (ii) A candidiate who has satisfactorily met the conditions for admission and has been accepted by the University shall be classed as a "matriculated student" of the University after enrolment.

^{*}With the introduction of the Higher School Certificate Examination in November, 1967, the matriculation requirements have been amended. The revised matriculation requirements have been included in this handbook.

- (iii) A person who has satisfactorily met the conditions for admission may on the payment of the prescribed matriculation fee be provided with a statement to that effect.
- 2. (i) For the purpose of matriculation approved subjects* are grouped as follows:
 - A. English.
 - B. Latin, Greek, French, German, Italian, Hebrew, Chinese, Japanese, Russian, Dutch, Geography, Ancient History, Modern History, Economics.
 - C. Mathematics I, Mathematics II, Mathematics III.
 - D. Agriculture, Applied Mathematics, General Mathematics, Biology, Botany, Chemistry, Physics, Geology, Physics and Chemistry, Physiology, Zoology.
 - E. Accountancy, Art, Descriptive Geometry and Drawing, Music, Theory and Practice of Music.
 - (ii) In order to satisfy the conditions for admission to undergraduate courses leading to a degree, candidates must pass the New South Wales Leaving Certificate Examination conducted by the Department of Education, or the University of Sydney Matriculation Examination in at least five approved subjects at the one examination; provided that: I. either—
 - (a) the five subjects include English and at least one subject from each of Groups B and C, but do not include more than one subject from Group E, except that candidates may qualify for admission to the Faculty of Arts only, by passing in one subject from Group D in lieu of the subject from Group C;
 - or (b) the five subjects include English, and at least one subject from either Group B or Group C, but do not include more than one subject from Group E, and provided further that the five passes include either one first class Honours and two A's or two Honours of which one is first class;

and:

- II. (a) neither Physics nor Chemistry is offered with the combined subject Physics and Chemistry;
 - (b) neither Botany nor Zoology is offered with Biology;
 - (c) neither Botany nor Zoology nor Biology is offered with Physiology;
 - (d) neither Mathematics I nor Mathematics II nor Mathematics III is offered with General Mathematics;

^{*}It should be noted that certain subjects taken for the Leaving Certificate are not approved subjects for admission to the University of New South Wales.

- (e) neither Mathematics I nor Mathematics II is offered with Mathematics III;
- (f) Mathematics I or Mathematics II may be counted as an approved subject only if the candidate presented himself for examination in both Mathematics I and Mathematics II;
- (g) Theory and Practice of Music is accepted only in cases where the pass was obtained at an examination in 1946 or subsequent years;
- (h) Ancient History is accepted only in cases where the pass was obtained at an examination held in 1945 or subsequent years; and further, both Modern History and Ancient History may be offered as qualifying subjects at the examinations held at the end of 1951 and subsequent years;
- (i) Agriculture is accepted only in cases where the pass was obtained at an examination held in 1945 or subsequent years;
- (j) Economics is accepted only in cases where the pass was obtained at an examination held in 1947 or subsequent years;
- (k) Descriptive Geometry and Drawing is accepted only in cases where the pass was obtained at an examination held in 1954 or subsequent years.
- (iii) Candidates who have satisfactorily met the matriculation requirements of the University of Sydney, but who have not obtained the requisite pass in Mathematics where prescribed for entrance to the University of New South Wales, will be permitted to complete their qualifications to enter the University of New South Wales by passing only in a Mathematics subject from Group C, at a subsequent Leaving Certificate or University of Sydney Matriculation Examination.

Revised Matriculation Requirements in Terms of the Higher School Certificate Examination

(To operate from 1st January, 1968)

- 1. (i) A candidate for any first degree of the University must satisfy the conditions for admission set out hereunder before entering upon the prescribed course for a degree. Compliance with these conditions does not in itself entitle a student to enter upon a course.
 - (ii) A candidate who has satisfactorily met the conditions for admission and has been accepted by the University shall be

classed as a "matriculated student" of the University after enrolment.

- (iii) 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 matriculation fee.
- 2. Except as elsewhere provided a candidate before being admitted to matriculation shall have passed at the required standard the Higher School Certificate Examination in New South Wales in at least five subjects in accordance with the following conditions:
 - (a) The subjects shall be chosen from the following subjects taken at the first, second or third level, in the Higher School Certificate Examination:
 - A. English.
 - B. (i) French, German, Greek, Latin.
 - (ii) Ancient History, Art, Economics, Geography, Modern History, Music, Bahasa Indonesia, Chinese, Dutch, Hebrew, Italian, Japanese, Russian, Spanish or such other language as may, in the case of any particular candidate, be approved by the Professorial Board.
 - C. (i) Mathematics.
 - (ii) Agriculture, Science.
 - D. Industrial Arts (1967 and 1968 Higher School Certificate Examinations only.
 - (b) The subjects shall include:---
 - (i) English,
 - (ii) four subjects at the first or second level, and,
 - (iii) one subject chosen from each of the Groups B and C and of these two subjects at least one must be from Section (i) of either Group B or Group C at the first or second level.
 - (c) The subjects shall NOT include both Art and Music.
- 3. Mathematics and Science both passed as full courses together shall, for the purpose of matriculation, be counted as three subjects, but otherwise each shall count as one subject.
- 4. The qualification for matriculation must be obtained at one examination.
- 5. In addition to the above requirements a candidate for admission to any particular faculty, course or subject shall satisfy the special requirements, if any, pertaining to that faculty, course or subject as set out in the following schedule. Where these additional

requirements are not satisfied at the same examination as the requirements listed in paragraph 2 they may be met at a separate examination.

- 6. (a) Notwithstanding the provisions of Clauses 2, 3 and 5 of these requirements, any candidate who has taken the Higher School Certificate Examination in the subject of English and no fewer than any four other subjects named in Clause 2, at any level, may be admitted to matriculation provided he has reached a standard determined from time to time by the Professorial Board.
 - (b) Mathematics and Science both taken as full courses together shall, for the purpose of this clause, be counted as three subjects.
 - (c) A candidate qualifying for matriculation under this clause may also be admitted to a particular faculty, course or subject provided:—
 - (i) he satisfies the special requirements pertaining to that faculty, course or subject as set out in the following schedule, or
 - (ii) the Professorial Board deems that his programme of studies for, and his performance at, the Higher School Certificate Examination constitute an adequate preparation for his admission to the particular faculty, course or subject.

Additional Faculty, Course and Subject Requirements (a) Faculty Requirements

Applied Science, Medicine, Engineering, Science.

Passes in Mathematics and Science at the *first* or *second* level full course.

Architecture

Passes in **Mathematics** at the *first* or *second* level <u>full</u> course and in **Science** at the *first* or *second* level <u>full</u> course or *second* level <u>short</u> course provided that the **Physics** option has been taken in the <u>short</u> course.

Commerce.

Passes in English at the *first* or *second* level and Mathematics at the *first* or *second* level full course or *second* level short course.

Arts.

Pass in English at the first or second level.

(b) Course Requirements

Industrial Arts (B.Sc.), Wool Technology (B.Sc.) (Education option).

Passes in Science at the first or second level full course and in Mathematics at the first or second level full or short course provided that a student electing to include the subject Mathematics I in his University course shall have passed Mathematics at the first or second level full course.

(c) Subject Requirements

French 1.

Pass in French at the first or second level.

German I.

Pass in German at the *first* or *second* level or pass in Introductory German.

Introductory German, Introductory Spanish or Preliminary Italian. Pass in any other foreign language at the first or second level.

Economics II or Economics III.

Passes in English at the *first* or *second* level and Mathematics at the *first* or *second* level full course or *second* level short course.

Mathematics I.

Pass in Mathematics at the first or second level full course.

Geology 1.

Pass in Science at the *first* or *second* level full course.

Chemistry I, Physics I or General Biology.

Passes in Mathematics and Science at the first or second level full course.

ADMISSION OF STUDENTS TO THE MEDICAL COURSE

1. Students are admitted to the medical course of the University of New South Wales provisionally, and until otherwise provided, the conditions upon which they are so admitted and the methods by which students shall be selected for the second year of the medical course are set out in the following rules.

2. Students desiring to proceed to the degrees of Bachelor of Medicine and Bachelor of Surgery must first satisfy the matriculation requirements of the University laid down for admission to the medical course.

3. Students admitted to the first year of the medical course are admitted provisionally only to the medical course. On admission to the second year of the medical course, the enrolment of such students in the Faculty of Medicine will be confirmed subject to their satisfying all other requirements.

4. Admissions to the second year of the medical course will be determined, in accordance with the conditions set out below, by the Admissions Committee of the Faculty of Medicine, hereinafter referred to as the "Committee", consisting of the Dean of the Faculty of Medicine, who shall be the Chairman, the Dean of the Faculty of Science, the Registrar, and three members of the Faculty of Medicine elected by the Faculty.

- 5. Applicants for admission to the second year shall-
 - (i) except as otherwise provided, have enrolled in and attended the course of instruction and passed in the examinations in Physics I, Chemistry I, Mathematics I and General Biology in the first year of the medical course; and
 - (ii) have applied in writing to the Registrar for admission to the second year of the course not later than the thirtieth day of November in the year preceding the year in which they desire to be admitted.

6. In determining applications for admission to the second year of the medical course, the Committee will receive for consideration applications from the following:

- (i) applicants who have qualified either as full-time or parttime students at their first attempt in the final examinations of the subjects of the first year of the medical course;
- (ii) applicants who have qualified in the final examinations of the first year of the medical course, but not at their first attempt;
- (iii) applicants who have otherwise qualified in all subjects of the first year of the medical course, or have completed and passed examinations in a course of study deemed by the Professorial Board to be equivalent to the first year of the medical course.

7. The Committee may require any applicant for admission to the second year of the medical course to attend before them to be interviewed.

8. The Committee, in determining the order of admission to the second year of the medical course, shall take into account—

(i) the mark gained by each applicant in each subject of the first year of the medical course; for this purpose such mark

shall be a mark determined by converting the actual marks awarded to the applicant to a standard score in such manner as may from time to time be followed by the Committee;

(ii) any other factors deemed by the Committee to be relevant to the academic performance of the applicant.

9. The Committee may admit to any portion of the medical course at their discretion students who do not intend to proceed to a degree in the Faculty, but such students shall not thereby acquire any right to admission to any other portion of the course, and shall have no standing in the course or Faculty.

10. The Council of the University reserves the right to revoke or alter any of the foregoing rules at any time.

ENROLMENT PROCEDURE FOR FIRST YEAR STUDENTS

Students wishing to enrol in the medical course must have satisfied the matriculation requirements of the University. In general, admission to the course is competitive on the basis of results obtained at the New South Wales qualifying examinations.

Application for enrolment must, wherever possible, be made in person to the Student Enrolment Bureau, Room 228, Second Floor, School of Electrical Engineering, Kensington, as soon as the results of the Leaving Certificate are available, but in any event not later than January 23rd, 1967.

Country residents who wish to enrol in the course, but find it impracticable to lodge their applications by the required date, should write to the Registrar, P.O. Box 1, Kensington, for a form on which to make their preliminary application. This form must be returned at the latest by *January 23rd*, 1967.

Applicants seeking to enrol in the medical course will be notified by the University whether their applications have been successful or not. Successful applicants should then report with the letter of acceptance to the Enrolment Bureau at the time stated in this letter. Students who fail to enrol at the prescribed time will incur a late fee of \$5. In addition, all fees must be paid at the time of enrolment.

Complete details of enrolment procedure are set out in the booklet Advice to New Students on Enrolment Procedure. Students should also obtain a copy of the booklet Handbook for New Students.

Owing to the number of students seeking to enrol in medical courses in relation to the facilities available, admission to the second year of the medical course will be competitive. Accordingly, first year students are provisionally enrolled in Medicine, confirmation of standing in the course depending on completion of the first year and being selected for admission to the second. Students passing in the examinations at the end of the first year, but at too low a standard to qualify for admission to the second year of the medical course, may receive credit for all subjects towards the degree of Bachelor of Science and, for Physics I, Chemistry I and Mathematics I, towards a degree in Engineering or Applied Science.

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Students should note that is is therefore necessary to apply for admission to second year of the medical course. 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 1967 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 \$5.

Fees should be paid at the time of enrolment, but they may be paid up to Friday, March 17, 1967, without a late fee being incurred. Students who pay fees after this date and before March 31 will incur a late fee of \$10. 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 \$20 is payable.

2nd Year Students

Students whose applications for admission to the second year of the medical course have been successful will be officially advised by the University.

Lectures commence on March 6, 1967.

To complete their enrolment, students are required to attend Lecture⁻ Theatre 'D', Wallace Wurth School of Medicine on Wednesday, March 1, from 2 p.m. to 4 p.m.

3rd Year Students

The names of students eligible to proceed to third year (i.e. to the fourth term of pre-clinical studies) will be posted on the Faculty notice board early in January. Students who are not eligible to proceed to third year will be notified in writing by the Registrar.

Lectures commence on Monday, February 27, 1967.

To complete their enrolment, students are required to attend Lecture Theatre 'D', Wallace Wurth School of Medicine on Wednesday, February 22, from 2 p.m. to 4 p.m.

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4th Year Students

Lectures in fourth year medicine commence on Monday, February 13, 1967.

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

5th and 6th Year Students

Lectures in fifth and sixth year medicine commence on Monday, January 16, 1967.

To complete their enrolment, students are required to attend Lecture Theatre 'D', Wallace Wurth School of Medicine, on Wednesday, January 11, 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 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.)

	Course Fees	Hospital accommodation
	per term	charges—per term
Year 1	\$96	Nil
Year 2	\$96	Nil
Year 3	\$93	\$3
Year 4	\$96	Nil
Year 5	\$87	\$9 (covering course terms 4.4 to 5.3 inclusive in relation to hospital ac- commodation charges)
Year 6	\$51	\$45 (covering course terms 5.4 to 6.3 inclusive in relation to hospital ac- commodation charges)
1967 only-	- \$69	\$27 (9 weeks' residency)

Year 6

In regard to collection of hospital accommodation charges the University acts as the agent of the Teaching Hospitals.

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

One Year Course: \$288, or three payments of \$96.

OTHER FEES

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

Matriculation Fee — \$6 — payable at the beginning of first year. Library Fee — annual fee — \$10.

Student Activities Fees-

University Union* — \$12 — annual subscription. Sports Association* — \$2 — annual subscription. Students' Union* — \$4 — annual subscription.

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

Miscellaneous — \$10 — annual fee. Total — \$28.

Graduation Fee — \$6 per degree — payable at the completion of the course.

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

- 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 (biology, 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 — \$4 for each subject.

Examinations conducted under special circumstances — \$6 for each subject.

Review of examination result --- \$6 for each subject.

LATE FEES

First Enrolments

Fees paid on the late enrolment session and before the com-	
mencement of term	\$5
Fees paid during the 1st and 2nd weeks of term	\$10
Fees paid after the commencement of the 3rd week of term	
with the express approval of the Registrar and Head of	
the School concerned	\$20

Re-Enrolments—

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First Term—	
Failure to attend enrolment centre during enrolment week	\$5
Fees paid after the commencement of the 3rd week of term to	
31st March	\$10
Fees paid after 31st March where accepted with the express approval of the Registrar	\$20
Second and Third Terms—	
Fees paid in 3rd and 4th weeks of term	\$10
Fees paid thereafter	\$20
Late lodgement of Application for Admission to Examinations	
(late applications will be accepted for three weeks only	
after the prescribed dates)	\$4

WITHDRAWAL FROM COURSE

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

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.

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 \$2, 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 \$5.

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.

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

Fees should be paid during the prescribed enrolment period but will be accepted without incurring a late fee up to Friday, March 17, 1967. (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 17, 1967), 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	17,	1967
2nd payment		by June	16,	1967
3rd payment by	Se	ptember	15,	1967

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 is not permitted to attend classes until fees are paid, and if seeking to enrol in a restricted faculty may risk losing the place allocated.

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 29, 1967.

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 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 scemly 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 adminitrative 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 \$6 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.

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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 (including students enrolled for a thesis only) must lodge an application for admission to examinations by July 14.

The Accountant is authorised to receive application forms during the three weeks immediately following the prescribed closing dates if they are accompanied by a late fee of \$4. Applications forwarded more than three weeks after the closing date will not be accepted except in very exceptional circumstances and with the approval of the Registrar. Where an application is not accepted the student concerned is not eligible to sit for the examination.

Applications lodged prior to the due date will be acknowledged by postcard. Students who do not receive an acknowledgement within ten days of lodging the application should contact the Examinations Branch or the office of the college attended.

As a result of the application of machine methods to the processing of examination results, all students in Sydney, Wollongong and Broken Hill receive a pro-forma application for admission to examinations listing the subjects for which the student has formally enrolled. The return of this pro-forma duly completed constitutes the application for admission to examinations. Pro-forma applications will be posted to students on 30th June. Any student who does not receive a pro-forma application must contact the Examinations Branch prior to the date prescribed for the return of applications.

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.
- (ii) To help resolve a doubt as to whether a student has reached the required standard in a subject.

Applications for deferred examinations in the first 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.

A student eligible to sit for a deferred examination must lodge with the Accountant an application accompanied by the fee of \$4 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	Total time allowed from
years in	first enrolment to
course	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, one of which must be from Group VII, 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 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.

^{*}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.

- (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.

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, Phillip Goldstein Hall, Post-Graduate Hall, 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., 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:

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- (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.

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 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, University Branch Office, Department of Education, University Grounds, University of Sydney. (Telephone 68-2911.)

University Scholarships

The University annually awards up to fifteen scholarships tenable in degree courses to students who have matriculated at the Leaving 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 Qualifying and Matriculation 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 Leaving 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 the value will be \$260 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.

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 Foundation has made available the sum of \$1500 for undergraduate laboratory research into asthma and allied subjects. Eligibility is restricted to University undergraduates currently enrolled in Faculties of Medicine or Science who have successfully completed at least two years of the course concerned. Selected undergraduates will participate in research projects during the long vacation.

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.
ALCOHOLISM	Foundation for research and treatment of alcoholism (Frata) prize.	\$100 annually	Open to all students proceeding to an undergraduate degree in medicine and to graduates of not more than five years' standing in the University or its teaching hospitals. Awarded for the best essay deal- ing with any clinical or scientific aspect of alcoholism.
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 Gradua- tion 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	Fifth or sixth year student submitting best case history relating disease to social factors and environment.

FIELD	TITLE	VALUE	QUALIFICATIONS
ANATOMY	Senior Prize in Practical Anatomy.	\$21 annually	Awarded to the third year student who most excels in practical anatomy (includ- ing Radiological Anatomy).
OBSTETRICS and GYNAECOLOGY	F. J. Browne Memorial Prize for Obstetrics and Gynaeco- logy.	\$20 annually	Awarded to student with highest standing in the final written and practical examina- tions 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 ex- amination 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 Associa- tion prize.	\$100 annually	Awarded to final year student for best general proficiency in the clinical years.
MEDICINE	The W. G. Tellesson Memorial Prize in Medi- cine.	At least \$31.50 annually	Awarded to the best fifth year student in an optional clinical examination in medi- cine.

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The design of the medical course accords fully with the recommendations of the General Medical Council (1957) and extends over six years of full-time study leading to the degrees of Bachelor of Medicine (M.B.) and Bachelor of Surgery (B.S.). These degrees may be awarded at first or second class honours, or at pass level.

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

Throughout the curriculum there will be an emphasis on coordination and integration of teaching, both between the various preclinical 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

Pre-medical students will take the common first year science course of the University in the compulsory subjects of Physics I, Chemistry I and Mathematics I, and, together with other students in the Faculties of Science and Applied Science, will take General Biology as their fourth subject.

Students are referred to the regulations governing the admission of students to the second year of the course, set out earlier.

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

FIRST YEAR

		Hours per Lec.	week fo	r 30 Weeks Lab./Tut.
1.001	Physics I	. 3		3
2.001	Chemistry I	. 2		4
10.001	Mathematics I	. 4		2
17.001	General Biology	2	_	4
		11		13

The Pre-clinical Years (Second and Third Years)

During the first five terms, courses will be provided in anatomy, physiology, biochemistry and medical statistics. During the preclinical years students will also complete courses in general studies subjects.

Formal examinations in anatomy, physiology, biochemistry, medical statistics and general studies subjects will be held in the latter part of the second year. Final examinations in anatomy, physiology and biochemistry will be held at the end of the fifth term of the preclinical course, i.e. at the end of the second term of the third year.

Students who are not eligible to proceed to third year will be notified in writing by the Registrar. 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 as follows:

SECOND YEAR (3 TERMS) AND THIRD YEAR (TERMS 1 AND 2)

		Hours per	Week for 31 V	Veeks
		Term 1 (11 weeks)	Term 2 (10 weeks)	Term 3 (10 weeks)
		Lec. Tut. D.R.	Lec. Tut. D.R.	Lec. Tut.
10.391	Statistics	2 - 0 - 0	2 - 0 - 0	1 — 0
17.121	Biochemistry	1 - 0 - 0	2 - 3 - 0	3 — 8
26.501 26.571	English <i>or</i> An Introduction to Modern Drama	$\left.\right\} 1 - \frac{1}{2} - 0$	$1 - \frac{1}{2} - 0$	$1 - \frac{1}{2}$
70.111	Human Anatomy	5 — 3 —15†	$4 - 3\frac{1}{2} - 9^{+}$	2 - 0
73.111	Medical Physiology	0 0 0	2 - 1 - 0	2 —11
		$9 - 3\frac{1}{2} - 15$	$\frac{11-8-9}{11-8}$	9 —19 1

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

		Ho	urs p	er Week	for 23	We	eks
		Т	erm	4	Т	erm	5
		(12	wee	ks)	(11	wee	ks)
		Lec.	Lab	./Tut.	Lec.	L	ab./
							Tut.
17.121	Biochemistry	. 2	_	7	1		1
70.111	Human Anatomy	. 4*	—	5*	2		9†
73.111	Medical Physiology	. 3		9	2‡		1
	30-hour General						
	Studies Elective	. 1		0	1		0
		10	—	21	6		11

*These hours apply for the first 8 weeks only. In the last 4 weeks a one-hour lecture only will be conducted.

These 9 hours are devoted to instruction in the dissecting room.

These lectures will be conducted in the first 5 weeks of term only.

Third Year, Term 3

In the sixth and final term of the pre-clinical course instruction will be commenced in microbiology, human genetics, pathology, obstetrics and clinical medicine. A course in introductory psychology will also be given and practical instruction in clinical laboratory methods will be commenced. This term will thus be used as a bridge between the clinical and pre-clinical subjects. The examination in 12.131 Introductory Psychology will be held at the end of first term in fourth year.

THIRD YEAR. TERM 3

		Hours per Week
		for 10 Weeks†
		Lec. Lab./Tut.
12.131	Introductory Psychology	3 — 2
17.221	Microbiology*	2 — 4
71.111	Introductory Medicine	2 — 0
72.091	Clinical Laboratory Methods	0 — 2
72.111	Pathology**	3 — 5
75.011	Introductory Obstetrics§	1 — 0
78.111	Human Genetics	2 — 2
	30-hour General Studies	
	Elective	1 — 0
		14 15
		17 — IJ

*20 combined lecture and laboratory sessions of 3 hours each.

*Includes general and experimental pathology, †Term ends four weeks after other undergraduate courses. \$This course consists of five one-hour lecture demonstrations. Students will be required to spend one week in residence at an appropriate hospital.

The Clinical Years (Fourth, Fifth and Sixth Years)

The clinical curriculum includes instruction and examinations in medicine, surgery, obstetrics and gynaecology, paediatrics, psychiatry, pathology, pharmacology, microbiology, 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 as far as possible 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 p	per term	
	Term 1	Term 2	Term 3	Term 4‡
12 131	Introductory Lec. Other*	Lec. Other*	Lec. Other*	Lec. Other*
12.131	Psychology $ 30 - 0$	0 — 0	0 — 0	
17.221	Microbiology 0 — 0	10 —20	0 —20	
71.111	Introductory Medicine 020	0 — 0	0 — 0	
71.112	Medicine and Therapeutics 1836	1040	0 —40	
72.091	Clinical Laboratory	0	0 20	
	Methods $0 - 24$	0 - 0	020	
72.111	Pathology 6 — 6	20 50	2044	
73.211	Medical			
	Pharmacology 0 — 0	2025	$11 - 7\frac{1}{2}$	
74.111	Surgery 12 — 0	10 —20	1020	
76.111	Paediatrics 412	0 — 0	0 — 0	
77.111	Psychiatry 0 — 0	10 —10	0 — 0	
	30 hour General			
	Studies			
	Elective \uparrow $0 - 0$	10 — 0	10 — 0	
			1. 1.1	

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

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

\$See revised course.

FIFTH YEAR

See revised course.

SIXTH YEAR‡

		Term 1 (10 weeks) Lec. Other*	Term 2 (10 weeks) Lec. Other*	Term 3 (10 weeks) Lec. Other*	Term 4 (10 weeks)† Lec. Other*
71.112	Medicine and				
	Therapeutics	30 — 30	3060	3060	0 — 0
74.111	Surgery	2040	2040	20 40	0 — 0
75.111	Obstetrics and				
	Gynaecology**	5 — 0	5 — 0	5 — 0	0 0
76.111	Paediatrics	10 — 0	10 - 0	10 - 0	0 - 0
77.111	Psychiatry	0 -10	0 -10	0 -10	0 — 0
78.112	Human				
	Genetics	0 - 0	0 0	0 -10	0 — 0
	Combined				
	Seminars	20 - 0	20 — 0	20 - 0	12 — 0

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

**Students will be required to complete 7 weeks in residence at the associated hospitals and 2 weeks' residence in obstetrics and gynaecology by the end of Term 3.

†Final examinations are conducted during the last four weeks of Term 4. ‡For 1967 only. The revised course arrangements, to take effect from Term 4.4, were introduced in 1966. All students, with the exception of those entering their final year in 1967, will take the new programme.

Under the new 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 each term, students will concentrate on one area. For this purpose, on entering Term 4.4, students will be allocated to a particular group—Group A, B, C, or D—and will follow the programme of that group for four terms. On entering Term 5.4 another cycle of activities will be pursued.

A teaching block will consist of all working days except Wednesday mornings in a ten-week term. On Wednesday mornings Public Health and Social Medicine, Seminars and General Studies will be timetabled.

GROUP	Α.	В.	С.	D.
Term 4.4	Medicine	Surgery	Paediatrics	Psychiatry
Term 5.1	Surgery	Medicine	Psychiatry	Paediatrics
Term 5.2	Paediatrics	Psychiatry	Medicine	Surgery
Term 5.3	Psychiatry	Paediatrics	Surgery	Medicine
Term 5.4	Medicine	Surgery	Obstetrics & Gynaecology	Residency
Term 6.1	Surgery	Medicine	Residency	Obstetrics & Gynaecology
Term 6.2	Obstetrics & Gynaecology	Residency	Medicine	Surgery
Term 6.3	Residency	Obstetrics & Gynaecology	Surgery	Medicine
Term 6.4	Final Examination	Final Examination	Final Examination	Final Examination

REVISED PROGRAMME

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:

Paediatrics—2 weeks.
Psychiatry—1 week.
Obstetrics and Gynaecology—5 weeks.
Residency Term—10 weeks will be spent in an associated teaching hospital, chiefly in medicine and surgery.

3. Total hours of lectures, tutorials, laboratory work and periods in wards and clinics:

Medicine (2 blocks)—460 hours. Surgery (2 blocks)—400 hours. Paediatrics (1 block)—239 hours. Obstetrics and Gynaecology (1 block)—205 hours. Psychiatry (1 block)—240 hours.

4. Electives may be offered.

5. EXAMINATIONS

- (a) Term 4.4. A formal examination will be held in the fourth year general studies elective in November-December.
- (b) Term 5.4. Formal examinations will be held in Social Medicine and the fifth year general studies advanced elective in November-December.
- (c) Term 6.4. Final examinations will be held in medicine, surgery, obstetrics and gynaecology, paediatrics and psychiatry during the last four weeks of this term.

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) enrolment in the course shall be effected at the end of the second term of the third year in one of the subjects Anatomy, Physiology, or Biochemistry; or at the end of the third term of the fourth year in one of the subjects Anatomy, Physiology, Biochemistry, Pathology, Pharmacology or Microbiology;
- (iv) the course in each subject shall be a special course designed to introduce the student to research in the particular discipline and shall consist of such formal and special work and such examinations as the Head of the School shall prescribe;
- (v) the award upon completion of the course shall be Bachelor of Science (Medicine) Honours Class I, Honours Class II, Division I, Honours Class II, Division II or pass level; if the performance of the student has been unsatisfactory, no award shall be made;
- (vi) the duration of the course shall be one year;
- (vii) a student may qualify for the award of the degree of Bachelor of Science (Medicine) at the conclusion of such year.

SCHOOL OF PHYSICS

1.001 Physics I

Particle Kinematics. Vectors. Particle dynamics. Conservation of momentum and energy. Statics of rigid bodies. Hydrostatics. Rotational motion about a fixed axis. Simple harmonic motion. Progressive waves. Velocity in various media. Interference, diffraction, Doppler effect. Stationary waves, resonance, beats. Electro-magnetic spectrum. Reflection, refraction. Spherical mirrors, lenses. Optical instruments. Dispersion. Spectra. Polarization. Elasticity, Elastic moduli. Fluid mechanics. Viscosity. Surface tension. Gravitation.

Temperature. Thermal expansion. Specific heat. Gas laws. Heat transfer. First law of thermodynamics. Elementary kinetic theory of gases. Hygrometry. Change of phase, latent heats, triple point.

Electrostatics. Electric charge and atomic structure. Electric field and potential. Capacitance. Energy stored in a capacitor. D.C. circuits. Ohm's law. Joule's law. Measuring instruments. Measuring circuits. Magnetism. Force on a current in a magnetic field. Motion of charged particles in electric and magnetic fields. Magnetic field of currents. Electromagnetic induction. Self and mutual inductance.

TEXTBOOK

Resnick, R. and Halliday, D. Physics for Students of Science and Engineering, Vols. I and II, or Combined Volume. (Particularly recommended for students with a good background in Physics and Mathematics), Wiley, 1960, OR

Ference, M., Lemon, H. B., and Stephenson, R. J. Analytical Experimental Physics. 2nd edition, Chicago U.P., 1956.

In addition, students will be required to provide themselves with Curnow, C. Complementary Physics. University of New South Wales Press.

REFERENCE BOOKS

- Richard, Sears, Wehr and Zemansky. Modern University Physics. Addison-Wesley, 1960.
- Stephenson, R. J. Mechanics and Properties of Matter. 2nd edition, Wiley, 1960.

Loney, S. L. Dynamics, C.U.P.

Starling, S. G. and Woodall, A. J. Physics. Longmans Green, 1950.

Synge, J. L. and Griffith, B. A. Principles of Mechanics. 3rd edition, Mc-Graw-Hill, 1959.

SCHOOL OF CHEMISTRY

2.001 Chemistry I

Classification of matter and theories of the structure of matter. Atomic structure, the periodic table and chemical behaviour. Chemical bonds and

molecular structure. Equilibrium and change in chemical systems. The structure, nomenclature and properties of organic compounds. Reactions of organic compounds.

TEXTBOOKS

Ander and Sonnessa. Principles of Chemistry. Collier-Macmillan, 1965. Sanderson. Principles of Chemistry. Wiley, 1963.

English and Cassidy. Principles of Organic Chemistry. McGraw-Hill, 1961. Chemical Data Book. Wiley, 1966.

REFERENCE BOOKS

C.H.E.M. Study Project. Chemistry, an Experimental Science. Freeman. 1963.

Barrow, Kenney, Lassila, Little and Thompson. Programme Supplements for General Chemistry, Vols. 1 & II. Benjamin, 1963.

Benfey. The Names and Structures of Organic Compounds. Wiley, 1966. Glasstone and Lewis. Elements of Physical Chemistry. Macmillan, 1962.

SCHOOL OF MATHEMATICS

10.001 Mathematics I

Calculus, analysis, analytical geometry and algebra.

TEXTBOOKS

Archbold, J. W. Algebra. Isaac Pitman and Sons. 3rd edition, 1964. Pedoe, D. A Geometric Introduction to Linear Algebra. Wiley. Paperback. Thomas, G. B. Calculus and Analytic Geometry. Addison-Wesley.

REFERENCE BOOKS

Ball, R. W. Principles of Abstract Algebra. Holt, Rinehart and Winston. Beaumont, R. A. and Pierce. Algebraic Foundations of Mathematics. Addison-Wesley.

Keane, A. and Senior, S. A. Complementary Mathematics. Science Press. McCoy, N. H. Introduction to Modern Algebra. Allyn and Bacon.

Rose, I. H. Algebra: An Introduction to Finite Mathematics. Wiley.

Smith, W. K. Limits and Continuity. Collier-Macmillan. Paperback. Taylor, H. E. and Wade, T. L. University Freshman Mathematics. Wiley. Whitesitt, J. E. Principles of Modern Algebra. Addison-Wesley.

SUPPLEMENTARY READING LIST

Adler, I. The New Mathematics. Mentor Press. Allendoerfer and Oakley. Principles of Mathematics. McGraw-Hill. Courant and Robbins. What is Mathematics? Oxford University Press. Sawyer, W. W. A Concrete Approach to Abstract Algebra. Freeman. Sawyer, W. W. Prelude to Mathematics. Pelican.

10.391 Statistics (Pre-clinical Terms 1, 2 and 3)

Probability; distribution and sampling distributions; statistical estimation; tests of significance; regression; experimental design and analysis of variance.

TEXTBOOKS

Hodges and Lehmann. Basic Concepts of Probability and Statistics. Holden-Day.

Steel and Torrie. Principles and Procedures of Statistics. McGraw-Hill, Statistical Tables, New South Wales University Press.

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.

TEXTBOOKS

Munn, N. L. Psychology. Houghton Mifflin, 1961.

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

SCHOOL OF BIOLOGICAL SCIENCES

17.001 General Biology

General biological principles. Properties of living matter. Cell structure. Comparison of plants and animals. Basic classification of plant and animal kingdoms. The elements of plant and animal histology. Anatomy and life histories of selected types of animals and plants. Autotrophic and heterotrophic nutrition. Aspects of elementary plant and animal physiology. An introduction to genetics, evolution, cytology and ecology. Practical work to illustrate the lecture course. At least two obligatory field excursions are held during the year.

TEXTBOOKS

Simpson and Beck. Life (An Introduction to Biology). Harcourt Brace and World, Inc., 2nd ed., 1965.

Abercrombie, Hickman and Johnson. A Dictionary of Biology. Penguin.

17.121 Biochemistry (5 Pre-clinical Terms)

Instruction in biochemistry will be integrated with that of clinical biochemistry later in the course; wherever possible, it will also be coordinated with the teaching of physiology. The principal topics to be covered are as follows:

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

TEXTBOOKS

Conn and Stumpf. Outlines of Biochemistry. Wiley. Cantarow and Schepartz. Biochemistry. 3rd ed., Saunders.

REFERENCE BOOKS

White, Handler and Smith. Principles of Biochemistry. 3rd ed., McGraw-Hill.

West and Todd, Textbook of Biochemistry. 3rd ed., Macmillan.

17.221 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

Cruickshank, R. (ed.). Medical Microbiology. 11th ed., E. & S. Livingstone, 1965.

SCHOOL OF ANATOMY

70.111 Human Anatomy

A horizontally-integrated theoretical and practical course, stressing the structural basis of function. An introduction to systematic anatomy. With the dissection of the upper limb and the early dissection of the head and neck, the microscopic anatomy of cells and tissues and the general aspects of developmental anatomy are considered. Gross cadaveric, living, radiological, microscopic and developmental anatomy are dealt with pari passu. Further consideration of general anatomy. An integrated study of the gross, dissectional, microscopic, developmental, living and radiological anatomy of the nervous system. A similarly integrated study of the lower limb.

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,
- b) Human Structure, w. B. Sanders, Finaderpina, 2nd ed., 1963, 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).
 Everett, N. B. Functional Neuroanatomy. Lea and Febiger, Philadelphia, 100 (\$1
- 1965, pp. 420 (\$13.20).
- Leeson, C. R. and Leeson, T. S. Histology. Saunders, 1966, pp. 492 + x (\$8.00).

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. Wright. (\$7.90)

Davidson, Sir Stanley. The Principles & Practice of Medicine. Livingstone. (\$7.00)

Harrison, T. R. Principles of Internal Medicine. New edition, McGraw-Hill. (\$20.00 approx.)

Dermatology

Pillsbury. Cutaneous Medicine (\$7.80).

71.112 Medicine and Therapeutics

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

TEXTBOOKS

As for 71.111 Introductory Medicine.

SCHOOL OF PATHOLOGY

72.111 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

- G. Payling Wright. An Introduction to Pathology. Longmans, 3rd edition. (\$9.80)
- Humphrey, J. R. and White, R. C. Immunology for Students of Medicine. Blackwell, 1963. (\$8.35)

Cappell, D. F. (rev. by). Muir's Textbook of Pathology. Arnold, 8th edition. (\$17.50) OR

Boyd, W. Textbook of Pathology. Lea and Febiger. 7th edition. (\$19.80)

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

SCHOOL OF PHYSIOLOGY

(4 pre-clinical terms) 73.111 Medical Physiology

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

1. Ruch and Patton. Physiology and Biophysics. Saunders, 19th ed., 1965, pp. 1242 (\$17.00). ÓŔ

Bard, P. Medical Physiology. Mosby, 11th ed., 1961, pp. 1339 (\$18.15). 2. Ganong. Review of Medical Physiology. Lange, 2nd ed., pp. 610 (\$7.25).

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

FACULTY OF MEDICINE

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. Medical Pharmacology. Mosby, 3rd ed., 1966, pp. 668 (\$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 YEAR

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

5th AND 6th YEAR

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

Moyer, C., Rhodes, J. 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

It will deal with normal obstetrics, and 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.

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. Butterworth, London, 2nd ed., 1962, pp. 852 (\$15.00).

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. In the sixth year, seminars in paediatrics are conducted throughout the first three terms.

TEXTBOOKS

- 1. Growth and Development.
 - Illingworth, R. S. The Development of the Infant and Young Child: Normal and Abnormal. Livingstone, 3rd edition, 1966. (\$6.00 approx.)
- General Paediatrics. Hutchison, J. H. Practical Paediatric Problems. Lloyd Luke Medical Books Ltd., 1964, pp. 495. (\$8.75)
- 3. Paediatric Surgery Nixon, H. H. & O'Donnell, B. The Essentials of Paediatric Surgery, Heineman, 2nd edition, 1966. (\$7.00 approx.)

SCHOOL OF PSYCHIATRY

77.111 Psychiatry

A brief introduction to the principles of psychiatry is given in the first term of fourth year. Topics such as epidemiology, aetiology, symptomatology and pathophysiology are discussed and instruction is given in conducting psychiatric interviews. In the final term of fourth year and the first three terms of fifth year each of four groups of students receives clinical instruction for one term. The main topics include psychiatric examination, mental subnormality, psychoneuroses, psychopathy, affective disorders, schizophrenia, alcoholism and drug addiction, mental illness associated with brain disease, epilepsy, ageing and the mental disease of the aged, psychotherapy, psychopharmacology, methods of physical treatment, and sociotherapy.

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

TEXTBOOK

Gregory, 1. Psychiatry, Biological and Social. Saunders, Philadelphia, 1961. (\$10.00)

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 ten outpatient tutorial classes, each of one hour's duration, in the third term of sixth year. Tutorials will familiarise students with the clinical aspects of genetic problems and methods of genetic counselling.

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. Measurment 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

11.011H History of Fine Arts

An outline of the development of nineteenth and twentieth-century painting and sculpture. Follows the movements concerned in the development of modern art from the stylistic background of the European tradition to contemporary works. Development of some phases of painting and sculpture during the Ancient, Medieval and Renaissance epochs. The influence of religious, economic and social factors on the more important works of the period.

TEXTBOOKS

Lake, C. and Maillard, R. A Dictionary of Modern Painting. Methuen, London, 1964.

Newton, E. European Painting and Sculpture. Penguin U.K. (Pelican Books A.82)

Read, H. The Meaning of Art. Penguin U.K., 1951. (Pelican Books, A213)

11.021H History of Architecture

The role of the architect; architecture as an art, a science, and a practical profession; the origins of architectural form in ancient civilisations, and the development of these forms throughout the Middle Ages and the Renaissance; the effects of the Industrial Revolution and its aftermath, and the growth of modern architecture; the development of an Australian idiom in architecture and building.

TEXTBOOKS

Pevsner, Nikolaus. An Outline of European Architecture. Pelican Books, London, 1963.

Richards, J. M. An Introduction to Modern Architecture. Pelican Books, London, 1963.

Boyd, Robin. The Walls Around Us. F. W. Cheshire, Melbourne, 1962.

REFERENCE BOOKS

A list will be issued early in the lecture series.

11.031H History of Fine Arts and Architecture

An introduction to the history and aesthetics of the visual arts of the Western world, i.e. architecture, paintings, sculpture, design and craftsmanship. Lectures are illustrated by slides and films.

62

26.122S Psychology

The theme of this advanced elective is man in society, his strivings, satisfactions, and values. The course examines what Psychology has to say about personality, the roles which people adopt, the groups people form and the nature of group relations, the effect of group interaction, the importance of attitudes, the influence of propaganda and the function of conformity, conventions and customs.

TEXTBOOKS

Krech, D. and Crutchfield. The Individual and Society. McGraw-Hill, 1962. Baughman, E. E. and Welsh, G. Personality, a Behavioural Science. Prentice-Hall, 1962.

26.151 and 26.151S Economics

An introductory examination of the working of a modern economic system, with some reference to Australian economic institutions.

TEXTBOOKS

Grant, J. McB. and Hagger, A. F. Economics—An Australian Introduction. F. W. Cheshire, Melbourne, Canberra, Sydney, 1964 or 1965.

Carter, C. F. The Science of Wealth. Edward Arnold (Publishers) Ltd., Oxford, 1963.

26.152 and 26.152S Economics

Follows 26.151 Economics. A more penetrating study of central fields of economic theory and includes such topics as the history of economic thought and different economic systems. Particular attention paid to relating economic theory to such subjects as the population explosion, economic growth, and the role of international trade and economic integration. Further studies of the economic structure and economic policy of Australia.

TEXTBOOKS

- Karmel, P. H. and Brunt, M. The Structure of the Australian Economy. F. W. Cheshire, 1962.
- Homan, Hartz and Sametz. The Economic Order. Harcourt, Brace and Co., Inc.

Sametz, A. W. Students' Guide to the Economic Order. Harcourt, Brace and Co., Inc. New York, 1958.

26.301 and 26.301S Music

A brief survey of music from the earliest times of documented history to the present day in the context of particular societies and periods. Many of the recorded examples used will be European music of a kind normally heard in the concert hall, but wherever possible European art music will be presented in juxtaposition with the practice of traditional or folk music of all continents (including the music of the Australian Aborigine) and with the high art music of Asian countries. Includes continuity of improvisational methods from early periods to the development of jazz, and samples of the latest developments in contemporary music (including electronic music). Musical training is not a prerequisite.

TEXTBOOKS

Harman, A. and Mellers, W. Man and His Music: The Story of Musical Experience in the West. Barrie and Rockliff, London, 1962.

Hartog, H. (ed.). European Music in the Twentieth Century. Penguin, London, 1961.

Covell, R. Music in Australia. Sun Books, Melbourne, 1966.

26.501 English

Aims at stimulating an interest in literature through a study of twentiethcentury texts, which explore, in the main, contemporary problems. Uses of language also studied.

TEXTBOOKS

Forster, E. M. Where Angels Fear to Tread. Penguin.
Lawrence, D. H. Sons and Lovers. Penguin.
Hemingway, Ernest. A Farewell to Arms. Penguin.
Camus, Albert. The Outsider. Penguin.
Golding, William. Lord of the Flies. Penguin.
McCullers, Carson. The Ballad of the Sad Cafe. Penguin.
Shaw, Bernard. Major Barbara. Penguin.
Williams, Tennessee. A Streetcar Named Desire. Penguin.
Williams, Tennessee. The Glass Menagerie. Penguin.
Miller, Arthur. Death of a Salesman. Penguin.
Three Australian Plays. Penguin.
All the textbooks are available in Penguin paperback editions, but any complete edition will do.

26.502 and 26.502S English

Prerequisite 26.501 or acceptable equivalent. Selected works from the literature of the eighteenth, nineteenth and twentieth centuries.

TEXTBOOKS

Pope, Alexander. Collected Poems. Everyman. Keats, John. Selected Poems. Penguin. Eliot, T. S. Selected Poems. Faber and Faber. The following in any complete edition— Defoe, Daniel. Moll Flanders. Austen, Jane. Persuasion. James, Henry. Washington Square. Forster, E. M. A Passage to India. White, Patrick. The Tree of Man.

26.503 English

The history, development, structure and uses of English.

26.511 and 26.511S History

An introduction to modern Western civilisation through the study of six special periods of stress and political, intellectual, economic and social change. These are the Renaissance and Reformation, the English revolution of the seventeeth century, the American and French revolutions of the eighteenth century, the industrial revolution of the eighteenth and nineteenth centuries and the Russian revolution of 1917.

TEXTBOOKS

- 1. Renaissance and Reformation Hale, J. R. Machiavelli and the Renaissance. Teach Yourself History. Bainton, R. H. The Age of the Reformation. Anvil.
- 2. The English Revolution Ashley, M. England in the Seventeenth Century. Pelican. Trevelyan, G. M. The English Revolution. Home Uni. Library.
- 3. The American Revolution Nye and Morpurgo. History of the United States. Vol. 1. Pelican. Morris, R. B. The American Revolution. Anvil.
- 4. The French Revolution Cobban, R. History of Modern France. Vol. 1. Pelican. Goodwin, A. The French Revolution. Grey Arrow.
- The Industrial Revolution Ashton, T. S. The Industrial Revolution. Home Uni. Library. Cole and Postgate. The Common People. Methuen, University paperback.
- 6. The Russian Revolution Curtiss, J. S. The Russian Revolution of 1917. Anvil. Hill, C. Lenin and the Russian Revolution. Teach Yourself History.

26.512 and 26.512S History

A survey of events since 1919 to give an historical understanding of the world today. Its main topics are: the Peace Settlement after World War I; the growth of communist Russia; dictatorship in Europe; U.S.A. between the wars and the abandonment of isolation; an outline of World War II, its causes and effects; the cold war; the role of U.N.O.; the changing British Commonwealth; the decline of colonialism; African nationalism; communism in China; the crisis in S.E. Asia.

26.521 and 26.521S Philosophy

A general introduction to philosophy. The course deals with differences between philosophical and other questions; the distinction between *necessarily true* or *necessarily false* and *contingent* statements; the broad differences between empiricism and rationalism; the relation of knowledge or beliefs to the evidence for them. An introductory account is given of some important philosophical issues such as: causality and scientific laws; determinism and free will; the relation of mental and physical; the existence of God.

TEXTBOOKS

Hamblin, C. L. Elementary Formal Logic. Hicks Smith. Hospers, J. Introduction to Philosophical Analysis. Routledge and Kegan Paul.

26.522 and 26.522S Philosophy

Prerequisite 26.521. Alternative versions may be given. Syllabus A—Survey of recent philosophy with particular attention to "logical positivism." Syllabus B—Introduction to symbolic logic.

TEXTBOOKS

Syllabus A: Ayer, A. J. Language, Truth and Logic. Gollancz. Ayer, A. J. (ed.). Logical Positivism. Free Press of Glencoe. Wisdom, J. Philosophy and Psycho-Analysis. Blackwell. Passmore, J. A. A 100 Years of Philosophy. Duckworth. Syllabus B:

Copi, I. M. Symbolic Logic. Collier-Macaultan. 2nd ed. 1965.

26.531 Sociology

Students may select either Part A or Part B of 53.111 Sociology I.

26.532 Sociology

Students must select two of the specialised topics under Part B of 53.112 Sociology II.

26.541 and 26.541S Political Science

An introduction to the advanced elective, 26.542, and a unit in its own right for students not proceeding further in Political Science.

About ten lectures will be on general questions on politics—what politics is about, the meaning of a political system, concepts such as state, law, government, rights, etc. The remaining twenty lectures will deal with three major political systems—Great Britain, U.S.A., and Australia. Both the common and distinct characteristics of each will be discussed, and these examples will be used to illustrate some general questions about political institutions and ideas.

TEXTBOOKS

Birch, A. H. Representative and Responsible Government-An Essay on the British Constitution. London, Allen and Unwin, 1964. Paperback. Griffith, E. S. The American System of Government. Methuen, London, 1964. University paperbacks.

Miller, J. D. B. The Nature of Politics. Penguin, 1964.

- Sawer, G. Australian Government Today. Melbourne University Press, 1964. Paperback.
- Moodie, G. S. The Government of Britain. Methuen, London, 1964. University paperback.

26.542 and 26.5428 Political Science

Will be conducted in first and second terms and by following on from 26.541 will extend the student's acquaintance with modern political systems. Three sections, of about twenty lectures each, dealing with (a) established communist regimes (U.S.S.R., the East European Peoples' Democracies, and China); (b) two Asian political systems; and (c) the international political system.

TEXTBOOKS

Armstrong, J. A. Ideology, Politics and Government in the Soviet Union. Praeger, 1963.

Schapiro, L. B. The Government and Politics of the Soviet Union. Hutchinson University Library, 1965.

Grant, Bruce. Indonesia. Melbourne University Press, 1964.

Frankel, J. International Relations, Oxford, 1964.

Barnett, A. D. Communist China in Perspective. Praeger, 1962.

Von der Mehden, F. Politics of the Developing Nations. Prentice-Hall, 1964.

26.571 An Introduction to Modern Drama

An introduction to modern drama through the study of plays by Ibsen, Chekhov and other writers, covering the range of dramatic activity from Naturalism to the Absurd.

Students, through a critical examination of plays in performance at the Old Tote Theatre (situated in the grounds of the University), also have an opportunity to enjoy the direct experience of theatre. Directors of current Old Tote productions take part in the course.

TEXTBOOKS

Ibsen. Pillars of the Community. Penguin. Ibsen, Ghosts, Penguin, Ibsen. Hedda Gabler. Penguin. Ibsen. The Wild Duck. Penguin. Chekov. The Sea Gull. Penguin. Chekov. The Cherry Orchard. Penguin. Chekov. Uncle Vanya. Penguin. Synge. Plays in Genius of the Irish Theatre. Eds. Barnet, Berman and Burto, Mentor. O'Neill. The Emperor Jones.

O'Neill. Mourning Becomes Electra.

Miller. Death of a Salesman. Shaw. Plays Pleasant. Penguin. Brecht. The Good Woman of Setzuan. Ed. Bentley. Evergreen. Brecht. The Caucasian Chalk Circle. Ed. Bentley. Evergreen. Ionesco. Complete Plays. Vols. I and II. Calderback.

26.601 History of Technology

Shows that the development of the human race is closely linked with technological change. Every major development is to be seen against the historical background of the times and the changing socio-economic pattern. The subject will be dealt with in the following historical periods: Prehistoric Times; the early civilisations of Mesopotamia, Egypt, India, and China; Classical Antiquity; Islamic Times and the Middle Ages; Renaissance and the Age of Enlightenment; and the beginning of the Industrial Revolution.

TEXTBOOK

R. J. Forbes and E. J. Dijksterhuis. *History of Science and Technology*. 2 vols. Penguin.



REVISED FEES

Introductory Note

At the end of 1966, the schedule of fees payable for both undergraduate and post-graduate courses was revised. The new schedule is set out in the following pages. It should be noted that details of fees listed in this booklet supersede the fees listed in the 1967 University Calendar, all Faculty Handbooks, etc.

> G. L. Macauley, REGISTRAR.


LIBRARY

(a) Courses in the Faculties of Applied Science, Architecture, Engineering, Medicine (Bachelor of Science (Medicine) Course only) and Science, and degree courses in Industrial Arts and Sheep and Wool Technology.

For the purpose of fee determination assessment is on a term basis.

A full-time course fee will be charged for any term where more than 15 hours' per week instruction, etc., is involved.

(i) Full-time Course Fee (more than 15 hours' attendance per week)-\$110 per term. In courses in which the Third Term is limited to five

weeks of formal studies the fee for this term is \$55.

- (ii) Part-time Course Fee-over 6 hours' and up to 15 hours' attendance per week-\$55 per term.
- (iii) Part-time Course Fee-6 hours' or less attendance per week—\$28 per term.
- (iv) Course Continuation Fee-A fee per annum of \$23 (no term payment) is payable by:
 - (a) students who have once been enrolled for a thesis and have only that requirement outstanding, or
 - (b) students given special permission to take annual examinations without attendance at the University. (Students in this category are not required to pay the subscriptions to the University Union, the Students' Union, the Sports Association and the Library fee.)

(b) Commerce Courses.

For the purpose of fee determination assessment is on a term basis.

A full-time course fee will be charged for any term where more than 11 hours' per week instruction, etc., is involved.

- (i) Full-time Course Fee (more than 11 hours' attendance per week)-\$92 per term.
- (ii) Part-time Course Fee-over 4 hours' and up to 11 hours' attendance per week-\$55 per term.
- (iii) Part-time Course Fee-4 hours' or less attendance per week—\$28 per term.
- (iv) Course Continuation Fee-A fee per annum of \$23 (no term payment) is payable by:
 - (a) students who have once been enrolled for a thesis and have only that requirement outstanding, or
 - (b) students given special permission to take annual examinations without attendance at the University. (Students in this category are not required to pay the subscriptions to the University Union, the Students' Union, the Sports Association and the Library fee.)

Diploma in Hospital Administration.

The fees for this course are assessed under this schedule according to the hours shown for the subject irrespective of whether the course is taken as an internal or external student. An external student in this course is exempt from the Student Activities Fees.

(c) Arts Courses* and the Degree Course in Social Work.

- (i) Pass—\$84 per annum per subject. or \$28 per term per subject.
- (ii) Distinction Subjects or Honours—an additional \$26 per annum per subject in which distinction or honours are taken in student's second and third years and \$110 per subject per annum in the fourth year.

(d) Medical Course leading to degree of M.B.B.S.

Year	1	per	term	\$110
Year	2	per	term	\$110
Year	3	per	term	\$107
Year	4	per	term	\$110
Year	5	per	term	\$101
Year	6	per	term	\$65
1967	only	1		

Year 6 per term \$83 Note: In the case of students in the clinical years of the Medical Course, the proposed new rates are the same as for a full-time course with more than 15 hours' attendance per week, namely, \$110 per term, from which has been deducted amounts to be collected by the University on behalf of the teaching hospitals for cost of residence.

(e) Miscellaneous Subjects.

(i) Undergraduate subjects taken as "miscellaneous subjects" (i.e., not for a degree or diploma) or to qualify for registration as a candidate for a higher degree are assessed where they appear only in an Arts course (except where approved as the humanities component in another course) according to paragraph (c) "Arts courses" above. Where the distinction section only of an Arts subject is taken the fee payable is the subject fee for a pass Arts subject. All other subjects taken as miscellaneous subjects are assessed according to paragraph (a) "Courses in the Faculties of Applied Science, etc." above.

In cases where a student takes a programme of miscellaneous subjects from more than one of the categories referred to above, the fees are assessed in accordance with paragraph (a) "Courses in the Faculties of Applied Science, etc." above.

^{*} Students transferring from the Arts course to a course other than Arts and claiming credit for subjects taken in the Arts course will have their fees for these subjects re-assessed retrospectively to conform with those payable for the course to which they transfer.

(ii) Students given approval to enrol in a miscellaneous subject or subjects in addition to being enrolled in a course are assessed according to the total hours of attendance as if the additional subject formed part of the course.

OTHER FEES

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

Matriculation Fee-payable at the beginning of first year \$7 Library Fee-annual fee \$12

Student Activities Fees.

University Union*—annual subscription	\$12 \$2 \$4
Miscellaneous—annual fee	\$10
Total	\$ 28

Graduation or Diploma Fee-\$7 payable at the completion of the course.

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

- Applied Psychology Kit Hiring Charge—\$2 per kit. Additional payment for breakages and losses in excess of \$1 may be required.
- Biochemistry Kit Hiring Charge-\$4 per kit. Additional payment for breakages and losses in excess of \$1 may be required.
- Chemistry Kit Hiring Charge-\$4 per kit. Additional payment for breakages and losses in excess of \$1 may be required.
- Excursion Fee-\$2 per subject (Biology, 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.

^{*} Life members of these bodies are exempt from the appropriate fee or fees. † Students in the original Applied Biology degree course pay an excursion fee of \$1 per subject for Botany, Zoology and Entomology.

LATE FEES

First Enrolments.	
Fees paid on the late enrolment session and before 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
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 Torms:	
Second and I mild I erms.	\$12
Fees paid in 5rd and 4th weeks of term	\$73
Fees paid thereafter	923
Late lodgement of Application for Admission to	
Examinations (late applications will be accepted	66
for three weeks only after the prescribed dates)	- 20

WITHDRAWAL FROM COURSE

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

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.

Where a student terminates for acceptable reasons a course of study before half a term has elapsed, one half of the term's fee 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 30th April, a full refund is made; thereafter no refund.
- Miscellaneous—where notice is given prior to 30th April, \$5; thereafter no refund.

Basis of Fee Assessment.

Where course fees are assessed on the basis of term hours of attendance, the hours for each subject for purposes of fee assessment shall be those prescribed in the Calendar. The granting of an exemption from portion of the requirements of a subject in which a student is enrolled does not carry with it any exemption from the payment of fees.

- (a) Courses for the degrees of Master of Technology, Master of Business Administration, and Master of Hospital Administration.
 - (i) Registration Fee \$5
 - (ii) Graduation Fee \$7
 - (iii) Course Fee-calculated on the basis of a term's attendance at the rate of \$6 per hour per week. Thus the fee for a programme requiring an attendance of 24 hours per week for the term is \$144. For the Master of Hospital Administration a special

course fee per term of \$46 applies in Term 3 of first year and Term 1 of second year when attendance at the University is limited.

(iv) Thesis or Project Fee-\$35.

(An additional fee of \$23[†] is payable by students who have completed their final examinations for the degree but have not completed the thesis or project for which they have been previously enrolled.)

(b) Master of Education.

Fees are payable from the commencement date of a candidate's registration and remain payable until the candidate's thesis is presented to the Examinations Branch.

Thesis plus Formal Courses in Two Subjects.	
(i) Registration Fee	. \$5
(ii) Course Fee-per subject	. \$36
(iii) Internal Full-time Student Annual Thesis Fee*	\$ 69
(iv) Internal Part-time Student Annual Thesis Fee*	\$36

(v) External Student Annual Thesis Fee*† \$23 (vi) Final Examination (including Graduation Fee) \$35

Project plus Formal Courses in Four Subjects.

(i) Registration Fee \$5 (ii) Course Fee-per subject \$36 (iii) Project Fee-Internal Student (at the time of first enrolment in the project) \$23 (iv) Project Fee-Internal Student (for each⁺ subsequent enrolment in the project) \$23 (v) Project Fee—External Student—per annum \$23 (vi) Graduation Fee \$7

^{*} The Annual Thesis Fee is payable in any year in which a candidate is formally enrolled in the thesis. † Students paying this fee who are not in attendance at the University are not required to pay the Student Activities Fees or the Library Fee.

(c) Graduate Diploma Courses

- (i) Registration Fee

\$5

- (ii) Award of Diploma Fee **\$7** (iii) Course Fee—calculated on the basis of a term's attendance at the rate of \$6 per hour per week. Thus the fee for a programme requiring an attendance of 24 hours per week for the term is \$144.
- (iv) Thesis or Project Fee-\$35. (An additional fee of \$23[†] is payable by students who have completed their final examinations for the diploma but have not completed the thesis or project for which they have been previously enrolled. This fee of \$23 also applies to students taking the course for the Graduate Diploma in Librarianship who have not completed assignments.)

† Students paying this fee who are not in attendance at the University are not required to pay the Student Activities Fees or the Library Fee.

(d) Diploma in Education.

- (i) Registration Fee **\$**5
- (ii) Award of Diploma Fee \$7
- (iii) Course Fee-per annum \$330, or \$110 per term.

(e) Miscellaneous Subjects.

Post-graduate subjects taken as "Miscellaneous Subjects" (i.e., not for a degree or diploma) or to qualify for registration as a candidate for a higher degree are assessed on the basis of a term's attendance at the rate of \$6 per hour per week. Thus the fee for a subject requiring an attendance of 2 hours per week for the term is \$12 per term.

OTHER FEES

In addition to the course fees set out above, students in categories (a), (b), (c) and (d) are required to pay:---

Library Fee* — Annual Fee		\$12
Student Activities Fees*—		
University Union [†] — annual subscription	\$12	
Sports Association [†] — annual subscription	\$2	
Students' Union [†] — annual subscription	\$4	
Miscellaneous-annual fee	\$10	
	600	

l'otal \$28

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

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

^{*} External students are not required to pay these fees. † Life members of these bodies are exempt from the appropriate fee or fees.

LATE FEES

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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—\$2 where notice is given prior to the end of the fifth week of First Term.

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

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

RESEARCH DEGREES — FEES

(a) Master of Architecture, Arts, Building, Commerce, Engineering*, Librarianship, Science* or Surveying.

Fees are payable from the commencement date of a candidate's registration and remain payable until the candidate's thesis is presented to the Examinations Branch.

(i)	Qualifying Examination	\$12
(ii)	Registration Fee	\$5

* Candidates registered under the conditions governing the award of this degree without supervision will pay the following fees:— Registration fee \$5. Examination of thesis \$69.

They are not required to pay the Student Activities Fees or the Library Fee.

(iii) Internal Full-time Student Annual Fee	\$69
Internal Full-time Student Term Fee	\$23
(iv) Internal Part-time Student Annual Fee	\$36
Internal Part-time Student Term Fee	\$12
(v) External Student Annual Fee*	\$2 3
(vi) Final Examination (including Graduation fee)	\$35
(b) Master of Surgery.	
(i) Qualifying Examination	\$12
(ii) Registration Fee	\$12
(iii) Annual Fee	\$ 69
(iv) Final Examination (including Graduation fee)	\$69
(c) Doctor of Medicine.	
(i) Qualifying Examination	\$12
(ii) Registration Fee	\$ 12
(iii) Annual Fee	\$ 69
(iv) Final Examination (including Graduation fee)	\$ 69
(d) Doctor of Philosophy.	
(i) Qualifying Examination	\$12
(ii) Registration Fee:	\$5
(iii) Annual Fee	\$ 69
(iv) Final Examination (including Graduation fee)	\$48
(e) Doctor of Science, Doctor of Letters.	
(i) Registration Fee	\$73
(f) Miscellaneous Subjects.	
Post-graduate subjects taken as "Miscellaneous Subje	cts" (i.e.,
not for a degree or diploma) or to qualify for registrat	ion as a
candidate for a higher degree are assessed on the basis of	a term's

attendance at the rate of \$6 per hour per week. Thus the fee for a subject requiring an attendance of 2 hours per week for the term is \$12 per term. *Research*.

(i)	One day per week-per annum	\$2 3
(ii)	Two or three days per week—per annum	\$ 46
(iii)	Four or five days per week—per annum	\$69

Other Fees		
In addition to the fees set out above, all studen	ts in	the
categories (a) to (d) are required to pay:		
Library Fee — Annual Fee		\$12
Student Activities Fees		
University Union [†] — annual subscription	\$12	
Sports Association [†] — annual subscription	\$2	
Students' Union [†] — annual subscription	\$ 4	
Miscellaneous — annual fee	\$ 10	
Total	\$28	

^{*} Students in this category are not required to pay the Student Activities Fees or the Library Fee. † Life members of these bodies are exempt from the appropriate fee or fees.



1 1 3

Late Fees

Initial Registration—

Fees paid from commencement of sixth week after date of offer of registration to end of eighth week	\$12
Renewal at Commencement of each Academic Year—	
Fees paid from commencement of third week of term to 31st March	\$12
Fees paid after 31st March where accepted with the express approval of the Registrar	\$2 3

