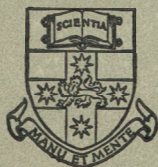


FACULTY OF ARTS

1968 HANDBOOK



THE UNIVERSITY OF NEW SOUTH WALES

FACULTY OF ARTS
1968 HANDBOOK
FIFTY CENTS



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PREFACE

This Handbook is primarily for undergraduate students in the Faculty of Arts and aims to provide in convenient form information concerning

- (i) the requirements for admission,
- (ii) enrolment and re-enrolment,
- (iii) the requirements for the degree of Bachelor of Arts and the alternative programmes available for fulfilling them, and
- (iv) the subject matter of the different courses offered, including text and reference books.

An endeavour has been made to provide answers to those problems which students are most likely to encounter. *It is important that each student in the Faculty becomes well acquainted with the information presented here.* If problems remain unanswered, enquiries may be referred to Miss Jennifer Willson, Administrative Assistant to the Faculty of Arts, whose office, Room 170, is situated on the First Floor, East Wing, of the Morven Brown Building (Arts/Maths).

It is possible that changes may be made affecting the information presented in this Handbook, especially concerning subjects offered and prescribed readings. Students are strongly advised to consult frequently the notice-boards of the different Schools as well as the official notice-boards of the University, to keep abreast of any changes as well as to keep informed of pertinent announcements from time to time.

CALENDAR OF DATES FOR 1968

Term 1: March 4 to May 18

Term 2: June 3 to August 10

Term 3: September 2 to November 2

January—

Monday 22	Last day for acceptance of applications to enrol by new students and students repeating First Year.
Monday 29	Australia Day—Public Holiday.
Tuesday, 30 to	
Saturday, Feb. 10	Deferred examinations.

February—

Monday 19	Enrolment week commences for new First Year students and students repeating First Year.
Monday 26	Enrolment week commences for students re-enrolling.

March—

Monday 4	First term lectures commence.
Friday 15	Last day for enrolment of new students (late fee payable).
Friday 31	Last day for later year enrolments.

April—

Friday 12 to	
Monday 15	Easter.
Thursday 25	Anzac Day—Public Holiday.

May—

Saturday 18	First term ends.
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June—

Monday 3	Second term commences.
Monday 10	Queen's Birthday—Public Holiday.
Friday 28	Last day for acceptance of applications for re-admission after exclusion under rules governing re-enrolment.

July—

Tuesday 2	Foundation Day.
Friday 19	Last day for acceptance of applications for examinations.

August—

Saturday 10	Second term ends.
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September—

Monday 2	Third term commences.
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October—

Monday 7	Eight Hour Day—Public Holiday.
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November

Saturday 2	Third term lectures cease.
Saturday 9	Examinations commence (30-week courses).

1969

Term 1: March 3 to May 17

Term 2: June 2 to August 9

Term 3: September 1 to November 1

January—

Tuesday 28 to Saturday, Feb. 8	Deferred examinations.
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February—

Monday 17	Enrolment week commences for new first year students.
Monday 24	Enrolment week commences for students re-enrolling.

March—

Monday 2	First term lectures commence.
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FACULTY OF ARTS

Dean

Professor J. B. Thornton

Chairman

Professor D. M. McCallum

Administrative Assistant

Jennifer F. Willson, BA N.S.W.

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Lecturers

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Helen L. Oppenheim, BA S.A., PhD Berl.

Jean Wilhelm, MA W.V.U., PhD Minn.

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L. M. Brown, MA MEd Syd., PhD Lond.

Lecturer

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P. K. Elkin, BA DipEd Syd., BLitt DPhil Oxon.

R. G. Geering, MA DipEd Syd.

H. P. Heseltine, BA W. Aust., MA PhD Louisiana State

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E. A. M. Colman, MA Glas.

Dorothy L. M. Jones, MA N.Z. and Adel., BLitt Oxon.

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Ursula Nowicki, BA N.S.W.

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Heather J. Radi, BA PhD *Qld.*, DipLib *N.S.W.*

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Winifred J. Mitchell, MA *N.E.*

Tutor

G. E. Sherington, BA *Syd.*

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W. H. Leatherdale, BA *Melb.*

Tutors

R. H. Austin, BA *Syd.*

Mrs. N. Robbins, BA *N.S.W.*

Post-Doctoral Research Fellow

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Wilma Radford, BA *Syd.*, BS *Col.*, FLAA

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R. S. Walters, MA Syd.

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F. N. Harpley, BA Syd.

Mrs. Barbara A. Roxon, BA Syd.

A. C. W. Sparkes, BA Qld. and Lond.

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V. R. Pratt, BSc Syd.

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 R. A. Nies, MA *S. Calif.*, PhD *Syd.*

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 Elizabeth Fell, BA *Syd.*

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Senior Lecturer

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Lecturers

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 R. H. Steele, BA *Syd.*, DipdePhon *Paris*

Tutors

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 Josephine Stephens, BA *Melb.*, LèsL *Paris*

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Lecturers

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 J. R. Milfull, BA *Syd.*

Tutor

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 DipEstHisp *Santander*, DipFilHisp *Salamanca*, FIL

Lecturer

- Vacant.

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 Mrs. Valerie C. Franco, MA *Americas*
 J. Villanueva, ProfMercantil *EscAltEstMerc Barcelona*

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Professor of Applied Psychology

Vacant.

Executive Assistant to Head of School

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General, Experimental and Measurement Psychology

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A. K. Olley, BA Syd.

O. Porebski, MA PhD Lond.

P. Van Sommers, MA Melb., PhD Harv.

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Irene A. Edmonds, MA Syd., PhD Belf.

W. Hopes, BA Syd.

C. P. Kenna, BA BSc Syd.

K. R. Llewellyn, BA PhD Syd.

J. C. Murray, BA Syd.

G. M. Sinclair, BA W. Aust.

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Edna Ross, BSc Syd.

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Anne Wildash, BA A.N.U.

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N. Cochrane, BA Cantab.

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E. E. Davies, MA Syd., PhD N.S.W.

Lecturer

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Department of Economics

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D. J. Stalley, MEc *Adel.*, AUA

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I. Gordijew, BEc *Syd.*

R. V. Horn, MEc *Syd.*, DrRerPol *Cologne.*

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Tutors

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Nancy Smith, BA *N.E.*

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Lecturers

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Teaching Fellow

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Tutor

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Director of First Year Studies

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Administrative Officer

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Department of Mathematics

Senior Lecturers

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S. J. Prokhovnik, BA MSc *Melb.*

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D. A. Mustard, BSc *Syd.*, MSc *N.S.W.*

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Department of Pure Mathematics

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Lecturers

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 W. J. Pretorius, MSc *Rhodes*, DIC
 N. F. Smythe, BSc *N.S.W.*, PhD *Prin.*
 Z. H. Star, BSc MPS PhC *Syd.*

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 T. W. Atterton, MSc *Syd.*
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Teaching Fellows

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 A. J. Van der Poorten, BSc *N.S.W.*

Department of Applied Mathematics*Senior Lecturers*

- B. W. Ninham, MSc *W.Aust.*, PhD *Maryland*
 K. Okamoto, BS PhD *Tokyo*, PhD *Louisiana State*
 W. E. Smith, MSc *Syd.*, BSc *Oxon.*, PhD *N.S.W.*, AInstP

Lecturers

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 E. J. Moore, MSc *W. Aust.*, PhD *Harv.*
 I. H. Sloan, BA BSc *Melb.*, MSc *Adel.*, PhD *Lond.*

Queen Elizabeth II Post-Doctoral Research Fellow

- C. J. Thompson. BSc PhD *N.S.W.*

Teaching Fellows

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 R. T. Cahill, BSc *N.S.W.*

Department of Statistics*Associate Professor of Mathematical Statistics*

- J. B. Douglas, MA BSc DipEd *Melb.*

Senior Lecturers

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 M. K. Vagholkar, MSc *Bom.*, PhD *Lond.*, DIC

Lecturers

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 R. B. Davis, BSc *Syd.*, MSc *N.S.W.*, DipEd *N.E.*
 C. A. McGilchrist, BSc BEd *Qld.*, MSc PhD *N.S.W.*
 P. J. Staff, BSc DipEd *Syd.*

Tutor

- Bronwyn L. Davies, BSc *Syd.*

Teaching Fellows

- Lynne Billard, BSc *N.S.W.*
 Jane E. Reeves, BSc *N.S.W.*

GENERAL INFORMATION

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 31st December 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 1st October 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 admission 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 twelve 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 twelve 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 re-admitted 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 Higher School 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 in Section A below, or by meeting the relevant requirements specified in Section B or, for 1968 only, by complying with the special matriculation requirements set out in Section C.

SECTION A

MATRICULATION REQUIREMENTS

(To operate from 1st January, 1968)

1. (a) 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.

- (b) 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.
 - (c) 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 & 1968 Higher School Certificate Examination 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 A. 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 A, 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.

* See following pages for Professorial Board's decision on these matters.

Schedule A

Additional Faculty Course and Subject Requirements in terms of Clause 5

(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 full course and in **Science** at the **first** or **second** level full course or **second** level short course provided that the **Physics** option has been taken in the short 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. and B.Sc.(Tech.)), and Sheep and Wool Technology (Education Option) (B.Sc.).

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.

Social Work (B.Soc.Wk.).

As for Faculty of Arts.

(c) Subject Requirements

French I.

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 I.

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

Chemistry I, Physics I or General and Human Biology.

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

SECTION B**Supplementary Provisions for Matriculation**

1. Notwithstanding the provisions of Section A above, candidates may be accepted as "matriculated students" of the University under the following conditions subject to the approval of the Professorial Board:
 - (a) Any person who holds a diploma from the New South Wales Department of Technical Education, or any other Technical College which may from time to time be recognised by the University, may be admitted to the University as a "matriculated student" with such status as the Board may determine, provided that, in the opinion of the Board, the applicant's qualifications are sufficient for matriculation to the Faculty nominated.
 - (b) The Board may admit as a "matriculated student" in any Faculty with such status as the Board may determine in the circumstances;
 - (i) A graduate of any approved University.
 - (ii) An applicant who presents a certificate from a University showing that he has a satisfactory record and is qualified for entrance to that University, provided that in the opinion of the Board there is an acceptable correspondence between the qualifying

conditions relied upon by the applicant and conditions laid down for matriculation to the nominated Faculty of the University of New South Wales.

- (c) (i) Any person who has completed the first year of the course at the Royal Military College of Australia and submits a certificate from the Commandant to that effect may be admitted as a "matriculated student" of the University.
 - (ii) Any person who has completed a full course of at least three years' prescribed study at the Royal Military College of Australia and produces a certificate from the Commandant to that effect may be admitted as a "matriculated student" of the University with such status as the Board may determine.
 - (d) Any person who has completed satisfactorily the passing out examination of the Royal Australian Naval College and submits a certificate from the Commanding Officer may be admitted as a "matriculated student" of the University.
 - (e) (i) Any person who has completed the first year of the course at the Royal Australian Air Force College and submits a certificate from the Commandant to that effect, may be admitted as a "matriculated student" of the University.
 - (ii) Any person who has completed two years of the course at the Royal Australian Air Force College and submits a certificate from the Commandant to that effect, may be admitted as a "matriculated student" of the University with such status as the Board may determine.
 - (f) An applicant who presents a certificate from another University showing that he is qualified for entrance to that University and setting out the grounds of such qualification, provided that in the opinion of the Professorial Board, there is an acceptable correspondence between the qualifying conditions relied upon by the applicant and the conditions laid down for matriculation to the nominated Faculty of the University of New South Wales.
2. (a) The Professorial Board may in special cases, including cases concerning persons of other than Australian educa-

tion, declare any person qualified to enter a Faculty as a "provisionally matriculated student" although he has not complied with the requirements set out above, and in so doing may prescribe the completion of certain requirements before confirming the person's standing as a "matriculated student". Students who satisfactorily complete these requirements will be permitted to count the courses so passed as qualifying for degree purposes.*

- (b) Persons over the age of twenty-five years may be admitted to provisional matriculation status provided that—
 - (i) they have satisfactorily completed an approved course of systematic study extending over at least three years after passing the School Certificate Examination, or
 - (ii) they satisfy the Professorial Board that they have reached a standard of education sufficient to enable them profitably to pursue the first year of the proposed course.
 - (c) Any applicant for provisional status may be required to take such examination as the Professorial Board may prescribe before such status is granted.
3. The Professorial Board may at its discretion permit a person, who does not satisfy the requirements for admission, to attend lectures in a subject or subjects at the University, on payment of the prescribed fees provided that such person shall not necessarily have the privileges of "matriculated students" and shall not be eligible to proceed to a degree.

SECTION C

SPECIAL MATRICULATION REQUIREMENTS TO OPERATE IN 1968 ONLY

- (Determinations of the Professorial Board in terms of Clause 6 of the normal requirements as set out in Section A above)
- The Professorial Board has determined that, for 1968 only,

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

- (a) a candidate who qualifies by means of the 1967 Higher School Certificate examination to matriculate in any other university in New South Wales or in the Australian National University shall be deemed to have qualified to matriculate in the University of New South Wales under the provisions of Clause 6 of the matriculation requirements set out in Section A above.
- (b) a candidate who achieves at the 1967 Higher School Certificate Examination **a standard acceptable to the Professorial Board** in English and any four other subjects approved for matriculation purposes shall be deemed to have qualified to matriculate in the University of New South Wales under the provisions of Clause 6 of the matriculation requirements set out in Section A above. For this purpose Mathematics and Science both taken as full courses shall count as three subjects.
- (c) the special requirements pertaining to entry to a particular faculty, course or subject, referred to in Clause 6 of Section A, shall be as set out in Schedule B.

Schedule B

SPECIAL FACULTY, COURSE OR SUBJECT REQUIREMENTS IN TERMS OF CLAUSE 6 OF THE NORMAL REQUIREMENTS AS SET OUT IN SECTION A ABOVE

(TO OPERATE ONLY IN 1968)

A. FACULTY REQUIREMENTS

APPLIED SCIENCE, ENGINEERING, MEDICINE AND SCIENCE

Passes in Science at the second level short course or higher **and** in **Mathematics** either at the second level full course or higher or **at the second level short course at a standard acceptable to the Professorial Board.**

ARCHITECTURE

Passes in **Mathematics** at the second level short course or higher **and** in **Science** at the second level short course or higher.

COMMERCE

Passes in **Mathematics** at the second level short course or higher and in **English** at either the second level or higher **or at the third level at a standard acceptable to the Professorial Board.**

ARTS

A pass in **English** at the second level or higher, or a pass at the third level **at a standard acceptable to the Professorial Board.**

B. COURSE REQUIREMENTS

(Courses under the control of the Board of Vocational Studies)

SOCIAL WORK COURSE

(Bachelor of Social Work)

As for Faculty of Arts.

INDUSTRIAL ARTS COURSE

(B.Sc. and B.Sc. (Tech.)) and

SHEEP AND WOOL TECHNOLOGY

(EDUCATION OPTION) COURSE (B.Sc.)

As for Faculties of Applied Science, Engineering, Medicine and Science.

C. SUBJECT REQUIREMENTS

10.011—HIGHER MATHEMATICS I—

A pass in Mathematics at the second level full course or higher.

10.001—MATHEMATICS I—

A pass in Mathematics **at the second level short course at a standard acceptable to the Professorial Board.**

10.021—MATHEMATICS IT—

A pass in Mathematics at the second level short course.

PHYSICS I

CHEMISTRY I

GENERAL AND

HUMAN BIOLOGY

GEOLOGY I

{ As for Faculties of
Applied Science,
Engineering,
Medicine and
Science.

ECONOMICS II
ECONOMICS III

{ As for Faculty of
Commerce.

FRENCH I

A pass in French at second level or higher.

GERMAN I

A pass in German at second level or higher or in Introductory German.

INTRODUCTORY
GERMAN
INTRODUCTORY
SPANISH
PRELIMINARY
ITALIAN

{ A pass in any other
foreign language
at second level
or higher.

Note: Candidates who depend for matriculation on a pass in a subject "at a standard acceptable to the Professorial Board" (*indicated in italics* throughout the above statement) may ascertain whether they have satisfied this standard by **written** application to the Registrar which must be lodged not later than 22nd January, 1968.

ENROLMENT PROCEDURE FOR UNDERGRADUATE COURSES

First Enrolments. Application for enrolment in first year must wherever possible be made in person to the Student Enrolment Bureau, Unisearch House, 221 Anzac Parade, Kensington, as soon as the results of the Higher School Certificate Examination are published, but in any event not later than *22nd January*.

Students in the Faculty of Arts attending at Kensington must in their first year enrol in at least three courses unless otherwise permitted by the Dean.

Country residents who wish to enrol with the University 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 not later than *22nd January*.

New students complete their enrolment at a specified appointment time in the second week before the start of First Term. Fees must be paid on the day of the appointment. However, in special circumstances and provided class places are still available, students may be accepted for enrolment after the prescribed week subject to the payment of a late fee.

Applicants for enrolment with advanced standing or applicants relying on overseas examinations for matriculation should lodge an application with the Admissions Office prior to 1st October of the year preceding that in which admission is sought.

First Year Repeats. First Year students who fail all subjects at the annual examinations and who are not granted any deferred examinations must apply for re-enrolment to the Student Enrolment Bureau at the time set out above for First Enrolments. Other first year repeat students (i.e., those who have passed in at least one subject) follow the procedure set out below for Later Year Enrolments.

Later Year Enrolments

Before the end of third term, each student must obtain an enrolment form (UE3) and form Arts/68 with attached instruction sheet. After notification of the annual examination results, the student should set out a proposed programme for 1968 on form Arts/68 and forward or deliver this, together with completed

enrolment form UE3 to reach the Faculty Office not later than Monday, 22nd January, 1968.

All students, except those classified as First Enrolments (as noted above) **must** collect their enrolment form, which will contain the authorised programme for 1968, from Rooms G3 and G4, Morven Brown Building, in accordance with the following timetable:

Year II

Students whose surnames have initial letter from "A" to "L"	Monday, 26th February, 9.30 a.m. to 12.30 p.m.
Students whose surnames have initial letter from "M" to "Z"	Monday, 26th February, 2.00 p.m. to 4.30 p.m.

Year III and Year IV

Students whose surnames have initial letter from "A" to "C"	Tuesday, 27th February, 9.30 a.m. to 12.30 p.m.
Students whose surnames have initial letter from "D" to "G"	Tuesday, 27th February, 2.00 p.m. to 4.30 p.m.
Students whose surnames have initial letter from "H" to "K"	Wed., 28th February, 9.30 a.m. to 12.30 p.m.
Students whose surnames have initial letter from "L" to "O"	Wed., 28th February, 2.00 p.m. to 4.30 p.m.
Students whose surnames have initial letter from "P" to "S"	Thurs., 29th February, 9.30 a.m. to 12.30 p.m.
Students whose surnames have initial letter from "T" to "Z"	Thurs., 29th February, 2.00 p.m. to 4.30 p.m.
New Students with advanced standing and miscellaneous students	Friday, 1st March, 9.30 a.m. to 12.30 p.m. 2.00 p.m. to 4.30 p.m.

Miscellaneous Subjects

Students may be accepted for enrolment in miscellaneous subjects provided the University considers that the subject/s will be of benefit to the student and there is accommodation available. Only in exceptional circumstances will subjects taken in this way count towards a degree or diploma.

Students seeking to enrol in miscellaneous subjects should obtain a letter of approval from the Head of the appropriate School or his representative permitting them to enrol in the subject concerned. The letter should be given to the enrolling officer at the time of enrolment. **Where a student is under exclusion he may not be enrolled in miscellaneous subjects unless given approval by the Professorial Board.**

Students who have obtained permission to enrol should attend for enrolment at Room G3, Morven Brown Building, on:

Friday, 1st March	9.30 a.m. to 12.30 p.m.
	2.00 p.m. to 4.30 p.m.
	6.00 p.m. to 7.30 p.m.

Enrolment in Italian at the University of Sydney

Arts students who wish to take courses in Italian at the University of Sydney to count towards their degree, should:

1. Obtain a letter of permission from the Faculty of Arts Office (Room 170, Morven Brown Building).
2. Present or post this letter to the Information and Enrolment Office, University of Sydney, before the end of January, 1968.
3. On receipt of the letter the University of Sydney will give the student concerned the necessary enrolment forms.

Final Dates for Enrolment

No enrolments will be accepted from *new students* after the end of the second week of term (15th March, 1968) except with the express approval of the Registrar and the Head of the School concerned; no *later year enrolments* will be accepted after 31st March without the express approval of the Registrar, which will be given in exceptional circumstances only.

Enquiries Concerning Course Regulations

Students requiring assistance should consult Miss J. Willson. Tel: 663-0351, extn. 2248, Room 170, Morven Brown Building, between the hours of 10.30 and 11.30 a.m. and 2.30 and 3.30 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 righthand 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 presented when paying fees on re-enrolment each year when it will be made valid for the year and returned. Failure to present the card could result in some inconvenience in completing re-enrolment.

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.

UNDERGRADUATE COURSE FEES

FEES

Fees are current at the time of publication, and may be amended by Council without notice.

Fees for Arts Courses

- (i) Pass—\$84 per annum per subject or \$28 per term per subject.
- (ii) Honours—an additional \$26 per annum per subject in which honours is taken in student's second and third years and \$110 per subject per annum in the fourth year.
- (iii) Students taking subjects at the University of Sydney as part of their regular course are required by that University to pay lecture fees only.
- (iv) Thesis Fee—Students who have completed the final examinations but have a thesis still outstanding are required to pay \$20 per annum (no term payment).

Miscellaneous Subjects

- (i) Pass—\$84 per annum per subject or \$28 per term per subject.
- (ii) Where the honours section only of an Arts subject is taken the fee payable is \$26 per annum per subject. Where a full subject at the honours level is taken or where an Honours Course IV subject is taken, the fee payable is \$110 per annum per subject.

Other Fees

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

- (i) Matriculation Fee—\$7—payable at the beginning of first year.
- (ii) Library Fee—annual fee—\$12.
- (iii) University Union—\$20—entrance fee.

(iv) Student Activities Fees.

University Union*—\$12—annual subscription.

Sports Association*—\$2—annual subscription.

Students' Union*—\$4—annual subscription.

Miscellaneous—\$10—annual fee.

Total—\$28.

(v) Diploma or Graduation Fee—\$7—payable at the completion of the course.

(vi) Deferred examination—\$5 for each subject.

(vii) Examinations conducted under Special Circumstances—\$7—for each subject.

(viii) Review of Examination Result—\$7—for each subject.

(ix) Chemistry Kit Hiring Charge—\$4 per kit.

Additional charge for breakages and losses in excess of \$1 may be required.

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

Late Fees**First Enrolments**

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

Fees paid in 3rd and 4th weeks of term	\$12
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* Life members of these bodies are exempt from the appropriate fee or fees.

Fees paid thereafter	\$23
Late lodgment of Application for Admission to Examinations (late applications will be accepted for three weeks only after the prescribed dates)	\$5

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 30th April a full refund is made, thereafter no refund.

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

PAYMENT OF FEES

Completion of Enrolment

All students are required to attend the appropriate enrolment centre during the prescribed enrolment period* for authorisation

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

of course programme. Failure to do so will incur a late fee of \$6.

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

Fees should be paid during the prescribed enrolment period, but will be accepted without incurring a late fee during the first two weeks of First Term. (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., 15th March, 1968), and after 31st March, 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

Students who are unable to pay their fees by the year may pay by the term, in which case they are required to pay first term course fees and other fees for the year, within the first two weeks of First Term. Students paying under this arrangement will receive accounts from the University for Second and Third Term fees. These fees must be paid within the first two weeks of each term.

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 31st March for fees due in first term and for one month from the date on which a late fee becomes payable in Second and Third Terms.

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

Failure to Pay Fees

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

No student is eligible to attend the annual examinations in any subject where any portion of his course fees for the year is outstanding after the end of the fourth week of Third Term.

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.

RULES RELATING TO STUDENTS

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 enrolment.

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

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.

CHANGES IN COURSE PROGRAMMES

Students seeking approval for variation of enrolment programme or seeking to withdraw from subjects must make application to the Head of the School responsible for the course. Forms for this are obtainable only at the Faculty Office, Room 170, and *must* be returned to that office upon completion. The Registrar will inform students of the decision. Approval of withdrawal from subjects is not automatic, each application being determined after considering the circumstances advanced as justifying withdrawal. It should be noted that withdrawal from a subject or course after Term I will not be approved unless there are special circumstances. It is emphasised that failure to sit for the examination in any subject for which a student has enrolled is regarded as failure to pass that examination unless written approval to withdraw has been given by the Registrar.

RESTRICTION UPON STUDENTS RE-ENROLLING IN UNIVERSITY COURSES

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, and the attention of students is drawn to them.

- (i) As from 1st January, 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 the 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:

<i>Number of years in course</i>	<i>Total time allowed from first enrolment to completion (Years)</i>
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 II, 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

* Rule (iii) in so far as it relates to students in the Faculty of Arts will apply retrospectively as from 1st January, 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.

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.
- (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.

RE-ADMISSION AFTER EXCLUSION

Applications for re-admission must be made on the standard form and lodged with the Registrar not later than 30th June of the year prior to that for which re-admission is sought. An application

should include evidence of appropriate study in the subjects (or equivalents) on account of which the applicant was excluded. In addition, evidence that circumstances which were deemed to operate against satisfactory performance at the time of exclusion are no longer operative or are reduced in intensity should be furnished. An applicant may be required to take the annual examinations in the relevant subjects as qualifying examinations in which case re-admission does not imply exemption from the subject.

It should be noted that a person under exclusion may not be enrolled in miscellaneous subjects unless he has received the approval of the Professorial Board.

Persons who intend applying for re-admission to the University at a future date may seek advice as to ways in which they may enhance their prospects of qualifying for re-admission. Enquiries should be made on a form obtainable from the Examinations Branch, and lodged with the Registrar.

STUDENT SERVICES

LIBRARY SERVICES

The University Library is located on the upper campus adjacent to the Chancellery, the Morven Brown Building and the John Goodsell Building.

Students are expected to read widely and critically, and to avail themselves of the reference and lending service. The Library also possesses many journals, and students are advised to take full advantage of this very comprehensive collection.

The hours of the Library are:

During term: Monday to Friday 9 a.m. to 12 midnight
Saturday 9 a.m. to 5 p.m.
Sunday 2 p.m. to 6 p.m.

During Vacation and Public Holidays: Refer to Library Notice Board.

All students are urged, in their own interests, to familiarise themselves as soon as possible with all facets of the Library: the photocopying service; the indexing system; and the rules under which publications may be borrowed. Students are advised that they are expected to devote a considerable part of the vacations to reading.

For other details, reference should be made to the brochure, *Guide to the Library*, issued on enrolment.

THE UNIVERSITY UNION

Warden—A. T. Cunningham, B.Ec.(Syd.)

The University Union, housed in the circular building and joined by a courtyard to an adjacent rectangular building, is located near the entrance to the Kensington campus from Anzac Parade. Membership of the Union is compulsory for all registered students of the University and is also open to all members of staff and graduates of the University.

The full range of facilities provided by the Union includes a cafeteria service and other dining facilities, a large shopping centre, cloak room, banking and hairdressing facilities, showers, a women's lounge, common rooms, games rooms, reading rooms, etc.

The constitutional objects of the Union are "to create opportunities to encourage the development of social and intellectual intercourse between members of the Union; to provide premises and other amenities which shall be the common meeting ground

and social centre for members of the Union; to provide facilities for the refreshment, entertainment, recreation and convenience of members of the Union; to secure the co-operation of members of the Union in furthering the interests of the University; to generally organise and direct such activities as may be deemed appropriate for giving expression to the interests of members of the Union or for carrying out any of the objects aforesaid."

STUDENT COUNSELLING AND RESEARCH UNIT

The Student Counselling and Research Unit offers a counselling service to enable students and prospective students to take the fullest advantage of their educational and vocational opportunities.

The Unit offers an individual service to students with educational, vocational or personal planning problems. Most students, whatever their academic achievements, at one time or another need help in overcoming difficulties. These difficulties *may* take the form of doubts about the wisdom of choosing a certain course, poor study methods, changed career plans, fear of impending failure, or other more personal problems. Or they may wish to take stock with a view to clarifying their goals. Whatever the problems may be, an open invitation is extended to students to make an appointment to discuss them.

Prospective students may need assistance in planning their future, for example, in evaluating their interests, capacities and achievements in relation to the demands of a university course and a subsequent career. Senior secondary school pupils are encouraged to seek a counsellor's assistance well before the publication of the Higher School Certificate examination results, as careful consideration over a period of time is usually needed in matters of course choice and preparation for a university programme.

Short programmes, participation in which is voluntary, are offered by the Unit to help established or recently enrolled students to develop the various necessary study skills to a level appropriate to the management of University studies. These programmes are available in group and individual sessions according to the circumstances and special needs of the participants.

Reading improvement, general study methods, lecture note-taking, and a variety of other programmes have been offered recently. Films, tape recordings and special reading equipment have been used as aids by the counsellors managing the group counselling activities. Each group programme is nor-

mally completed within an academic session. However, provided sufficient demand exists, special programmes will be offered during vacation periods. Other study skills programmes may be developed on request or following exploratory research. Opportunities to discuss personal study problems on an individual basis are also readily available.

The Student Counselling and Research Unit is located in Hut I opposite the northern end of the Electrical Engineering Building at Kensington.

During term the Unit will be open from 9 a.m. to 9 p.m. to meet the convenience of both full-time and part-time students, but day or evening interviews may be arranged throughout the year.

Appointments must be made for counselling and study skills advice. To arrange an appointment please call at the Unit or ring 663-0351; extension 2600 to 2605, during office hours, 9 a.m. to 5 p.m.

UNDERGRADUATE SCHOLARSHIPS

Commonwealth Scholarships

Students enrolling in first degree courses are eligible. Benefits include payment of all tuition fees and other compulsory fees, and living allowances (the latter being subject to a means test). Full particulars and application forms may be obtained from the Officer-in-charge, N.S.W. Branch Office, Department of Education and Science, La Salle Building, 70 Castlereagh Street, Sydney (Box 3987, G.P.O., Sydney). Phone numbers: 28 4137 or 25 5447.

Teacher's College Scholarships

Full particulars and application forms may be obtained from the Officer-in-charge, Teacher Training Division, N.S.W. Department of Education, Blackfriars Street, Chippendale. Phone number: 211 4566.

STUDENT ACTIVITIES

The Arts Faculty Society

During the past year the Arts Faculty Society, owing to the zeal of the committee members and the enthusiastic support of the majority of Arts students, reached a new high in its level of activity.

At present the aim of the society is to complement the students' academic life by providing many social functions throughout the year. In 1967 the Society ran a number of cocktail parties and also the Arts Balls. In addition, the Society encourages and supports inter-Faculty sports for both men and women.

Membership of the Society is a must for all new students, and application forms are available during Orientation Week. Any further details may be obtained from the President, Helen McCurdy, Students' Union Office, 663-3109, Home 38-3059 or Secretary, Margret Herford at 36-5524.

Dramsoc (University of N.S.W. Dramatic Society)

Dramsoc is one of the oldest and most widely respected of the University Societies. In 1968 we hope to have a most comprehensive programme of plays, play-readings, and revues. We wish to encourage many active new members, and to this end propose to hold acting classes two nights a week in the Main Theatre. The fee will be very reasonable, and a number of visiting lecturers will be invited to talk in detail on various aspects of the theatre. These classes are designed to cater for interested students and to uncover new talent among our members. These opportunities are for everyone. For further information on Dramsoc, write c/o Box 69, University Union.

Historical Society

The Historical Society is one of the most active cultural societies in the University, enjoying the active support of the staff of the School of History, and the patronage of Professor Crowley. It seeks to promote and nourish a love of history, given its broadest possible interpretation.

Towards this end its activities are wide in both number and scope. They have included the publication of an Academic Journal and presentation of Conference Papers as well as a Wine-Tasting

and a talk on American University Students.

In an effort to widen its operational appeal, the Society has broadened membership opportunity beyond students in the School of History. A uniform fee of 50c is now charged on unrestricted annual membership. In addition, application to the Executive may be made for Life Membership. As this new system establishes itself, it is intended that members will receive the Society's Journal at reduced cost; an additional periodic newsletter, as well as free attendance at the public functions of the Society at which admission is levied on non-members.

Further copies and membership applications should be directed to Box 53, The Union, or phone 523-5691 between the hours of 6-8 p.m.

The Politics Club

The Politics Club is an independent political club not aligned or associated with any political party or faction. Its membership is open to all students of the University and its aim is to provide an opportunity for students interested in politics in general or in the study of some particular field of politics to meet to discuss varying political issues and ideas. The club holds discussion groups and seminars interposed with public meetings which are addressed by students, staff and speakers from outside the university.

The Club is associated with the School of Political Science and any inquiries which would be welcomed should be directed to Mrs. Peggy Craven, Secretary to the School of Political Science. (Phone: 663-0351, ext. 2239.)

The French Society

The French Society is one of the newer of the University Societies, now entering its third year of activities. In the past these have included the showing of French films, picnics, dinners and evening meetings, some of them with slides and music. There have been talks by native speakers of French, debates in English and French on subjects concerning French students, and at all soirées conversations over supper in French or English or a mixture of both.

The French Society's aim is to give students of French a chance to use their knowledge and to meet one another in the process. It also provides opportunities for those interested in

acting to perform in French plays, as they did in the highly successful production of Ionesco's "*Le Roi Se Meurt*" earlier this year. A collection of French periodicals and University Handbooks is also available on loan to members of the Society.

Students from all faculties with even a limited knowledge of French are welcome. Further information may be obtained from Priscilla Baker (Phone: 32-7136) or by writing to her at 33 Moncur Street, Woollahra.

Socratic Society

The purpose of the Socratic Society is to promote discussion on controversial and intellectually stimulating topics.

Membership of the Society is not in any way limited to one School or Faculty and the matters discussed cover a wide field. The Society organises regular public meetings, private meetings and seminars and publishes a magazine, *Cogito*.

Private meetings and seminars are open to members only. Seminars have been held on a wide range of topics including religion, censorship, sexual morality, existentialism. At private meetings, papers on such topics as philosophy of science (the subject of a highly successful series during 1967) are read and discussed. Meetings have been held on such topics as Marxism, Euthanasia, Censorship and the White Australia Policy.

The Society as such has no views, except that discussion is a good thing: its members have diverse outlooks and find that the seminars and meetings give them an excellent opportunity to express them.

Further information may be obtained from Mr. A. W. Sparkes, c/o The School of Philosophy.

The Julian Society

The Julian Society is the student literary society in the University. The aim of the society is to promote discussion of literature and related topics by means of fortnightly informal meetings. At these meetings a short talk is presented by a guest speaker (either a student, staff member or visiting guest), and this is followed by informal discussion and supper. Membership of the society is 50c for students, 75c for associate members and \$1.00 for staff members. Further information may be obtained from Dr. Heseltine (School of English), ext. 2247, and Kathleen Chivers (Secretary), c/- School of English.

The Sociological Society

The Sociological Society is possibly the youngest student society. It aims to carry on fairly informal fortnightly discussions, to invite speakers to assist in the further exploration of matters arising in these discussions, and to carry out further researches as thought necessary.

A lunch hour talk, followed by discussion, on "Pop Culture" and an evening function, with music, on "Buddhism and Burma" were well attended and regarded "as the sort of thing the Society should do more often".

All students studying sociology automatically become members. Others who are interested may become associate members, with the same rights. For further information inquire School of Sociology.

FACULTY INFORMATION

The Schools of the Faculty of Arts offer undergraduate courses to Honours level, and graduate courses in the fields of Drama, Economics, English, History and Philosophy of Science, Mathematics, Philosophy, Political Science, Psychology, Sociology and Western European Languages (French, German and Spanish). Graduate courses are also offered by the Schools of Education and Librarianship.

The School of Geography offers an undergraduate first year course in the Faculty of Arts and it is expected that, in later years, courses to Honours level will be offered in this subject. The teaching of Russian will commence in 1969, and in the same year the School of Education will begin offering undergraduate courses.

The undergraduate courses offered lead to the degree of Bachelor of Arts (B.A.) at either Pass or Honours level and all students proceeding to the degree are required to study at least one course of History and Philosophy of Science, or alternatively, at least one course of Physics, Chemistry, the Biological Sciences or Geology.

The graduate courses offered for qualified students lead to the degree of Master of Arts (M.A.), Master of Education (M.Ed.), Master of Librarianship (M.Lib.) or Doctor of Philosophy (Ph.D.). Qualified applicants may also register for the Graduate Diploma in Librarianship (Dip.Lib.). In addition, the Faculty may recommend the award of the degree of Doctor of Letters (D.Litt.) for an original contribution of distinguished merit to Letters.

Details of the requirements and the conditions governing the award of these graduate degrees and diplomas are contained in Section C of the Calendar.

THE DEGREE OF BACHELOR OF ARTS

Courses qualifying for this degree are available in the University of New South Wales at Kensington for **full-time day students only**. The University College at Wollongong, however, offers a restricted range of qualifying courses which are available to

both full-time and part-time students and reference should be made to the handbook of the College for further information about these courses.

Students may take courses in Italian at the University of Sydney to count towards the degree in the University of New South Wales (see under "Enrolment Procedures" and Section G, following).

For a student who wishes to study German or Spanish (or both) at University level but who has not taken one (or both) to Matriculation level, special first and second year university courses are available. These special courses are designated IZ (first year course) and IIZ (second year course) and the completion of Courses IZ and IIZ of either subject, together with such vacation reading and study as may be prescribed, will qualify a student to proceed, if he so desires, to the normal Course III of that subject.

One of four different programmes may be followed by a student studying for the degree. The first is the programme for the Pass Degree which consists of nine qualifying courses studied in particular sequences over a period of three years. The second is the programme for the General Honours Degree which is designed to enable a Pass Degree student with special merit to proceed to a fourth year of study. The third is the programme in Special Studies, which is designed to enable a student to undertake, over a period of four years, specialised study in one subject, although a certain number of courses of subsidiary subjects must also be taken. The fourth is the programme in Combined Special Studies which is designed to enable a student to undertake, over a period of four years, specialised study in two subjects together with courses of one or two subsidiary subjects. These four programmes are explained in detail in the following pages.

A student who is accepted for the Special Studies or Combined Special Studies programme will be regarded as a candidate for an Honours Degree.

The Rules governing the award of the degree are set out in the following pages and consist of:—

- Section A — Rules 1 to 11, which are applicable to all candidates for the degree and to the four programmes of study.
- Section B — Rules 12 and 13, which apply specifically to the programme leading to the Pass degree.
- Section C — Rules 14 to 19, which apply specifically to the programme leading to the General Honours degree.
- Section D — Rules 20 to 26, which apply specifically to the Special Studies programme.
- Section E — Rules 27 to 34, which apply specifically to the Combined Special Studies programme.
- Section F — Rules 35 and 36, which apply to the granting of advanced standing for the degree.
- Section G — Rule 37, which relates to a candidate for the degree who wishes to study Italian at the University of Sydney.
- Section H — Rules 38 and 39, which are Saving Clauses.
- Schedule A — which sets out the subjects available for study, the Group to which each subject has been allocated, the qualifying courses of each subject, and other information.
- Schedule B — which sets out approved sequences of courses in Mathematics and Theory of Statistics.

These Rules apply to candidates who enrolled for the first time in the Faculty after 1st January, 1967. Candidates who were enrolled in the Faculty prior to 1st January, 1967, are required to comply with the old Rules, copies of which may be obtained in Room 170 in the Morven Brown Building.

RULES GOVERNING THE AWARD OF THE DEGREE OF BACHELOR OF ARTS

SECTION A

Rules Applicable to all Candidates and to all Programmes of Study

1. The degree of Bachelor of Arts may be conferred as a Pass Degree or as a General Honours Degree or as an Honours Degree in Special Studies or as an Honours Degree in Combined Special Studies. There shall be three classes of Honours, namely, Class I, Class II in two Divisions and Class III.

2. No person shall be permitted to enrol in any qualifying course for the Degree of Bachelor of Arts at the same time as he is enrolled for any other degree in this University or elsewhere.

3. A person who has taken out a Pass Degree of Bachelor of Arts shall not be admitted to candidature for an Honours Degree.

4. Where, in the following Clauses, reference is made to the requirement that a candidate shall complete a course, the requirement shall be construed as meaning that the candidate shall

- (a) attend such lectures, seminars and tutorials as may be prescribed in that course;
- (b) perform satisfactorily in such exercises, laboratory work, essays and theses (if any), as may be prescribed in that course and undertake any prescribed reading relating to that course; and
- (c) pass the examination or examinations in that course.

5. A candidate for the degree of Bachelor of Arts shall complete qualifying courses of subjects to the number, and in the sequences, prescribed in the following Clauses. Unless otherwise indicated, the subjects available for study, the Group to which each subject has been allocated and the qualifying courses of each subject are as set out in Schedule A to these Rules.

- 6. (a) A candidate shall pursue his studies as a full-time day student and, during his first year of study, shall enrol in and study, in each term, at least three of the courses listed in Schedule A.
- (b) A candidate who has passed in German at Matriculation level may not enrol in German IZ. A candidate who has passed in Spanish at Matriculation level may not enrol in Spanish IZ.
- (c) A candidate may not enrol in more than four courses in any one year.

7. (a) Course I or Course IZ of a subject, when completed, shall count as one qualifying course towards the degree, except that German IZ when completed, but not succeeded by the completion of German IIZ, shall not count as one qualifying course towards the degree.
- (b) Course I of a subject followed by a Course II of that subject, or Course IZ of a subject followed by a Course IIZ of that subject, shall be two consecutive courses of that subject. When both courses have been completed in the order described, they shall count as two qualifying courses towards the degree and shall be an approved sequence of two courses.
- (c) Course I of a subject followed by a Course II of that subject followed by an appropriate Course III of that subject, or Course IZ of a subject followed by a Course IIZ of that subject followed by an appropriate Course III of that subject, shall be three consecutive courses of that subject. When the three courses have been completed in the order described, they shall count as three qualifying courses towards the degree and shall be an approved sequence of three courses.
- (d) Geology I and History and Philosophy of Science II may not both be counted as qualifying courses towards the degree.

8. A candidate may not enrol in a Course II of a subject until he has completed Course I of that subject; a candidate may not enrol in a Course IIZ of a subject until he has completed Course IZ of that subject; a candidate may not enrol in a Course III of a subject until he has completed the appropriate Course II or Course IIZ of that subject; a candidate may not enrol in Course IV of a subject until he has completed the appropriate Course IIIA or IIIB (or both) of that subject and has the approval of the Head of the School concerned.

9. (a) **Pre-requisite courses**

Before enrolling in any course listed in the left-hand column below, a candidate shall have completed the corresponding course listed as a pre-requisite in the right-hand column:—

Course	Pre-requisite Course
Botany I	General and Human Biology
Zoology I	General and Human Biology
Theory of Statistics I (either level)	Mathematics I or Higher Mathematics I or Mathe- matics IT*
Physics II	Mathematics I or Higher Mathematics I
Pure Mathematics II (either level)	Mathematics I or Higher Mathematics I
Applied Mathematics II (either level)	Mathematics I or Higher Mathematics I

(b) **Co-requisite courses**

A candidate shall not enrol in any course in the left-hand column below unless he enrolls concurrently in (or has previously completed) the corresponding course listed as a co-requisite in the right-hand column:—

Course	Co-requisite course
Applied Mathematics II (either level)	Pure Mathematics II (either level)
Theory of Statistics II (either level)	Pure Mathematics III (either level)

10. The following courses shall be regarded as consecutive courses of a subject and, when completed in the order described, shall count as two qualifying courses towards the degree and shall be regarded as an approved sequence of two courses:—

First Course in sequence	Second Course in sequence
(a) General and Human Biology	Botany I
(b) General and Human Biology	Zoology I
(c) Mathematics I or Higher Mathematics I or Mathe- matics IT*	Theory of Statistics I
(d) Theory of Statistics I	Theory of Statistics II

11. A candidate who wishes to study Mathematics beyond the Course I level or Theory of Statistics beyond the level described

* Acceptable as a pre-requisite only if passed at credit level or higher.

in Clause 10 shall follow one of the approved sequences set out in Schedule B, or consult with the School of Mathematics with regard to alternatives.

SECTION B

Rules relating to the Programme for the Degree of Bachelor of Arts—Pass Degree

12. A candidate shall complete over a period of not fewer than three years nor more than five years nine qualifying courses of subjects chosen from those listed in Schedule A.

13. The nine qualifying courses so chosen shall comply with the following conditions:—

(a) They shall consist of:

(i) an approved sequence of three courses of one subject and an approved sequence of two courses of each of three other subjects;

OR

(ii) an approved sequence of three courses of each of two subjects, an approved sequence of two courses of one other subject and Course I of one other subject;

OR

(iii) an approved sequence of three courses of each of two subjects and Course I of each of three other subjects.

(b) At least one and not more than five courses shall be chosen from those specified in Group II of Schedule A.

SECTION C

Rules relating to the programme for the Degree of Bachelor of Arts—General Honours Degree

14. A student seeking Honours shall complete eleven qualifying courses of subjects over a period of not fewer than four years nor more than five years. The eleven qualifying courses shall be chosen from Schedule A and shall be completed in accordance with Clauses 15 to 18.

15. (a) Nine of the eleven courses shall be completed such that the student shall fulfil the requirements for the Pass

degree in accordance with Clauses 12 and 13. Provided the student has obtained a pass at Credit level or better in at least five of the nine courses by which he qualified for the Pass degree, he may apply to Faculty for formal recognition as a candidate for Honours.

- (b) The remaining two of the eleven courses shall be completed in the Honours year and shall comprise Course III of each of two subjects of which only Courses I and II (or Courses IZ and IIZ) have so far been completed and each of these two courses shall be completed with a pass at Credit level or better.

16. A candidate in his Honours year may be required to take both the Pass and Distinction syllabuses in the Course III of either or both of the two Honours year subjects. Alternatively, he may be required to take additional studies in either or both of the two Honours year subjects.

17. A student seeking recognition as a candidate for Honours, who has fulfilled the requirements for the Pass degree in accordance with Clause 13(a) (ii) or (iii) and who has obtained a pass at Credit level or better in at least five of the nine courses so completed, may, with Faculty approval, complete Course II (or Course IIZ) of one or two (as the case may be) subjects of which only Course I (or Course IZ) has so far been completed. He may then apply to Faculty for formal recognition as a candidate for Honours and shall then proceed in accordance with the provisions of Clauses 15(b) and 16.

18. The award of Honours and grade of Honours shall be based upon a consideration of the full record of a candidate and, where Honours in any grade are awarded, they shall be listed as General Honours and not as Honours in a particular School or Schools.

19. Where a candidate for Honours has failed to meet the necessary standards of competence in his Honours year, no further examination shall be granted but the student may proceed to graduation with a Pass Degree, the requirements for which shall already have been met.

SECTION D

Rules relating to the Programme for the Degree of Bachelor of Arts in Special Studies—Honours Degree

20. The degree of Bachelor of Arts in Special Studies shall be

awarded at Honours level only and a recognised candidate for Honours shall complete nine qualifying courses of subjects in four years of study. The nine qualifying courses, which shall include Course IV of the subject for Special Studies, shall be chosen from Schedule A and shall be completed in accordance with the provisions of Clauses 21 to 24. There shall be no re-examination in Course IV of the subject for Special Studies.

21. A student seeking recognition as a candidate for Honours shall choose as his subject for Special Studies one from Group I of Schedule A or History and Philosophy of Science.

22. Provided the student obtains in his first year of study a pass at Credit level or better in Course I or Course IZ of the subject for Special Studies, he may apply to the appropriate Head of School for formal recognition as a candidate for Honours.

23. A candidate for Honours shall complete the nine prescribed qualifying courses in accordance with the following:—

- (a) Course I (or Course IZ) of the subject for Special Studies shall be completed in the first year of study; Course II (or Course IIZ) shall be completed in the second year of study; Courses IIIA and IIIB shall be completed in the third year of study; and Course IV shall be completed in the fourth year of study. Candidates shall complete Courses II (or IIZ), IIIA and IIIB in both Pass and Distinction syllabuses.
- (b) In addition, a candidate by the end of his second year of study, shall have completed four subsidiary courses which shall INCLUDE:—
 - (i) at least one course of a subject chosen from Group II of Schedule A; and
 - (ii) an approved sequence of two courses of a subject chosen from either Group I or Group II of Schedule A,
 except that a candidate whose subject for Special Studies is History and Philosophy of Science may choose all four subsidiary courses from either Group I or Group II of Schedule A, and these shall include an approved sequence of two courses.
- (c) Subject to these Rules, the Head of the School of the subject for Special Studies may prescribe the subjects of which the four subsidiary courses shall be completed as required by sub-Clause (b) of this Clause.

24. A candidate must obtain a pass at Credit level or better in the examinations of all courses of his Special Studies subject.

25. In special circumstances a candidate for the Honours degree who does not fulfil the requirements of Clauses 20 to 24 or who seeks to withdraw from the Special Studies programme may be considered by Faculty for the award of the Pass Degree of Bachelor of Arts provided that he has completed at least eight courses in the Special Studies programme (including Courses IIIA and IIIB of the subject for Special Studies) and has obtained a pass at Distinction level or better in at least two of them beyond the first year level.

26. A candidate who at any stage fails to meet the necessary standards of competence and who does not fall within the provisions of Clause 25 may be required by Faculty to transfer to the programme for the Pass Degree and shall then comply with Clauses 12 and 13 to be eligible for the award of the Pass Degree. Alternatively, Faculty may prescribe an additional course or courses the completion of which shall render the student eligible for the award of the Pass Degree.

SECTION E

Rules Relating to the Programme for the Degree of Bachelor of Arts in Combined Special Studies—Honours Degree.

27. The degree of Bachelor of Arts in Combined Special Studies shall be awarded at the Honours level only and a recognised candidate for Honours shall complete nine qualifying courses of subjects in four years of study. The nine qualifying courses shall comprise eight of those listed in Schedule A plus a special Course IV which shall be concerned with study at an Honours level of two appropriate subjects and all nine courses shall be completed in accordance with the provisions of Clauses 28 to 32. There shall be no re-examination in the special Course IV.

28. A student seeking recognition as a candidate for Honours shall choose as his subjects for Combined Special Studies two from Group I of Schedule A provided that the subject History and Philosophy of Science from Group II may be one of the two chosen and further provided that the combination of subjects so chosen is approved by the Heads of the Schools concerned.

29. Provided the student obtains in his first year of study a

pass at Credit level or better in Course I or Course IZ of each of the subjects for Combined Special Studies, he may apply to the appropriate Heads of Schools for formal recognition as a candidate for Honours.

30. A candidate for Honours shall complete the nine prescribed qualifying courses in accordance with the following:—

- (a) Course I (or Course IZ) of each of the subjects for Combined Special Studies shall be completed in the first year of study; Course II (or Course IIZ) of each of these subjects shall be completed in the second year of study; Course IIIA (or, in any special case, Course IIIB) of each of these subjects shall be completed in the third year of study; and a special Course IV relating to these two subjects and comprising studies jointly prescribed by the Heads of the Schools concerned shall be completed in the fourth year of study. Candidates shall complete Courses II (or IIZ) and IIIA (or IIIB) in both Pass and Honours syllabuses.
- (b) In addition, a candidate, by the end of his second year of study, shall have completed two subsidiary courses, at least one of which shall be chosen from Group II of Schedule A, except that a candidate studying History and Philosophy of Science as one of the subjects of Combined Special Studies may choose two courses, not elsewhere chosen, from either Group I or Group II of Schedule A.
- (c) Subject to these Rules, the Heads of the Schools of the subjects for Combined Special Studies may prescribe the courses specified in sub-Clause (b) of this Clause.

31. Where a Course IIIB of one of the subjects for Combined Special Studies involves a Pass as well as a Honours component, that Course may, with the approval of the Head of the School concerned, be substituted for a Course IIIA in satisfying the relevant requirement of sub-Clause (a) of Clause 30.

32. A candidate must obtain a pass at Credit level or better in the examinations of all courses of both his subjects of Combined Special Studies and in the Special Course IV.

33. In special circumstances a candidate for the Honours degree who does not fulfil the requirements of Clauses 27 to 32 or who seeks to withdraw from the Combined Special Studies programme

may be considered by Faculty for the award of the Pass Degree of Bachelor of Arts provided that he has completed at least eight courses in the Combined Special Studies programme (including the Course III of each of the subjects for Combined Special Studies) and has obtained a pass at Distinction level or better in at least two of them beyond the first year level.

34. A candidate who at any stage fails to meet the necessary standards of competence and who does not fall within the provisions of Clause 33 may be required by Faculty to transfer to the programme for the Pass Degree and shall then comply with Clauses 12 and 13 to be eligible for the award of the Pass Degree. Alternatively, Faculty may prescribe an additional course or courses the completion of which shall render the student eligible for the award of the Pass degree.

SECTION F

Rules Relating to the Granting of Advanced Standing in a Programme for the Degree of Bachelor of Arts

35. (a) A graduate or undergraduate in another Faculty of this University may be granted advanced standing in a programme in the Faculty of Arts with credit for not more than four of the courses listed in Schedule A which have already been completed in the other Faculty.
- (b) An undergraduate in the Faculty of Arts in another University may be granted advanced standing in a programme in the Faculty of Arts with credit for not more than four courses of subjects of the same title or subject matter as those listed in Groups I and II of Schedule A which have been completed at the other University, but not including a Course III.
- (c) A graduate or an undergraduate of another University in a Faculty other than Arts may be granted advanced standing in a programme in the Faculty of Arts with credit for not more than three courses of subjects of the same title or subject matter as those listed in Groups I and II of Schedule A which have been completed at the other University but not including a Course III.
- (d) Under special circumstances, credit may be granted to a candidate in the Faculty of Arts for Course I of not more than two Arts subjects which the candidate has

completed at another University but which are not included in Schedule A.

- (c) Where an applicant seeks credit for one or more courses under the provisions of this Clause, he shall at the same time submit in writing to Faculty a statement setting out a list of the remaining courses that he proposes to complete in order to qualify for the degree. Faculty shall then determine the course or courses, if any, for which credit is to be granted and shall also determine the remainder of the applicant's programme.

36. Notwithstanding the provisions of Clause 35, Faculty may determine a special programme to be completed by

- (a) a graduate in another Faculty of this University who has a degree with Honours and who wishes to be granted advanced standing in a programme for the degree of Bachelor of Arts,
- (b) a student who wishes to be granted advanced standing in a programme for the degree of Bachelor of Arts with Honours,

provided that no candidate shall be granted, under this Clause, credit for more than half the number of courses normally required to obtain the degree.

SECTION G

Rule Relating to the Study of Italian

37. Notwithstanding the provisions of any other Clause in these Rules, a candidate for the degree of Bachelor of Arts may, with the approval of the Head of the School of Western European Languages and by arrangement with the University of Sydney, complete courses of Italian in that University and may count such courses as partially fulfilling the requirements for the degree of Bachelor of Arts, in accordance with the following:—

- (a) Preliminary Italian alone shall not count as a qualifying course but Preliminary Italian and Italian I, when completed, shall count as two qualifying courses towards the degree and shall be an approved sequence of two courses;
- (b) Preliminary Italian, Italian I and Italian II, when completed, shall count as three qualifying courses towards

the degree and shall be an approved sequence of three courses;

- (c) The subject, Italian, shall be deemed to be included in Group I of Schedule A.

SECTION H

Saving Clauses

38. Upon sufficient cause being shown, Faculty may, in a particular case or cases*, vary the requirements of any of the preceding clauses for the award of the degree of Bachelor of Arts provided that any proposed variation to Clauses 22, 23, 24, 28, 29, 30 or 32 shall be initiated by a report to the Faculty from the Head or Heads of Schools concerned recommending the proposed variation.

39. In the case of any student who was enrolled as a candidate in the Faculty prior to 1st January, 1967, Faculty may, in exceptional circumstances, determine a programme in accordance with these Rules to be followed by such student subsequent to 1st January, 1967, in order that he may satisfy the requirements for the degree.

* NOTE: Faculty has determined that, for the time being, students at Wollongong University College who are enrolled as part-time candidates for the degree need not meet the requirements of Clause 6 (a).

SCHEDULE A

The following is a list of the subjects that may be studied in the Faculty of Arts, at Kensington. The subjects, which have been divided into two Groups, show the qualifying courses of each subject together with the distinguishing number of each qualifying course.

The honours syllabus of a course incorporates the pass syllabus of that course plus additional work; thus the hours shown for an honours syllabus **include** the hours shown for the pass course syllabus.

Further information on the content of each of the qualifying courses may be found in "Description of Subjects" in this Handbook and in Section D of the Calendar—Description of Subjects.

Group	Subject	Qualifying Course	Compulsory Hours per Week for 3 Terms
I	Drama	57.211 Drama I	5
		57.212 Drama II	4
		57.222 Drama II (Honours)	6
		57.213 Drama IIIA	4
		57.223 Drama IIIA (Honours)	6
		57.233 Drama IIIB	4
		57.243 Drama IIIB (Honours)	6
		57.224 Drama IV (Honours)	4
I	Economics	15.101 Economics II	3
		15.151 Economics II	3
		15.102 Economics II	4
		15.112 Economics II (Honours)	4
		15.103 Economics IIIA	3
		15.143 Economics IIIA (Honours)*	4
		15.153 Economics IIIB (Honours)*	5
I	English	50.111 English I	4
		50.112 English II	4
		50.122 English II (Honours)	6
		50.113 English IIIA	4
		50.123 English IIIA (Honours)	5
		50.133 English IIIB	3
		50.143 English IIIB (Honours)	4
		50.114 English IV (Honours)	5½

* The courses 15.143 Economics IIIA (Hon.) and 15.153 Economics IIIB (Hon.) both have a second year part to the course which consists of only one of the options 15.213, 15.223, 15.233, 15.243, 15.253, 15.263 or 15.443. It should be noted, however, that not all these courses are available in any one year and the School of Economics should be consulted for details.

Group	Subject	Qualifying Course	Compulsory Hours per Week for 3 Terms
I	French	56.111 French I	5
		56.112 French II	5
		56.122 French II (Honours)	7
		56.113 French IIIA	6
		56.123 French IIIA (Honours)	7
		56.133 French IIIB (Honours)	4
		56.114 French IV (Honours)	7
I	Geography	27.041 Geography IA	5
I	German	56.201 German IZ	6
		56.211 German I	5
		56.202 German IIZ	6
		56.203 German IIZ (Honours)	7
		56.212 German II	6
		56.222 German II (Honours)	7
		56.213 German IIIA	5
		56.223 German IIIA (Honours)	6
		56.233 German IIIB	5
		56.243 German IIIB (Honours)	6
		56.214 German IV (Honours)	5
I	History	51.111 History I	3
		51.112 History II	3
		51.122 History II (Honours)	4
		51.113 History IIIA	3
		51.123 History IIIA (Honours)	4
		51.133 History IIIB	3
		51.143 History IIIB (Honours)	4
		51.114 History IV (Honours)	2
I	Mathematics	10.011 Higher Mathematics I <i>or</i>	6
		10.001 Mathematics I <i>or</i>	6
		10.021 Mathematics IT	6
		10.111 Pure Mathematics II	6
		10.121 Pure Mathematics II (Higher)	6
		10.112 Pure Mathematics III	5
		10.122 Pure Mathematics III (Higher)	7
		10.123 Pure Mathematics IV (Honours)	8
		10.211 Applied Mathematics II	7
		10.221 Applied Mathematics II (Higher)	7
		10.212 Applied Mathematics III	7
		10.222 Applied Mathematics III (Higher)	8

Group	Subject	Qualifying Course	Compulsory Hours per Week for 3 Terms
I	Philosophy	52.111 Philosophy I	4
		52.112 Philosophy II	4
		52.122 Philosophy II (Honours)	5
		52.113 Philosophy IIIA	4
		52.123 Philosophy IIIA (Honours)	6
		52.133 Philosophy IIIB (Honours)	6
		52.114 Philosophy IV (Honours)	4
I	Political Science	54.111 Political Science I	3½
		54.112 Political Science II	3
		54.122 Political Science II (Honours)	5
		54.113 Political Science IIIA	3
		54.123 Political Science IIIA (Honours)	5
		54.143 Political Science IIIB (Honours)	5
		54.114 Political Science IV (Honours)	5
I	Psychology	12.001 Psychology I	5
		12.022 Psychology II	6
		12.032 Psychology II (Honours)	8
		12.023 Psychology IIIA	6
		12.033 Psychology IIIA (Honours)	8
		12.034 Psychology IIIB (Honours)	8
		12.035 Psychology IV (Honours)	6
I	Russian	Details of any courses available will be announced at a later date.	
I	Sociology	53.111 Sociology I	4
		53.112 Sociology II	4½
		53.122 Sociology II (Honours)	6½
		53.113 Sociology IIIA	3
		53.123 Sociology IIIA (Honours)	6
		53.143 Sociology IIIB (Honours)	6
		53.114 Sociology IV (Honours)	6

Group	Subject	Qualifying Course	Compulsory Hours per Week for 3 Terms
I	Spanish	56.301 Spanish IZ	6
		56.311 Spanish I	5
		56.302 Spanish IIZ	6
		56.332 Spanish IIZ (Honours)	7
		56.312 Spanish II	5
		56.322 Spanish II (Honours)	7
		56.313 Spanish IIIA	5
		56.323 Spanish IIIA (Honours)	6
		56.333 Spanish IIIB	6
		56.343 Spanish IIIB (Honours)	6
		56.314 Spanish IV (Honours)	6
I	Theory of Statistics	10.311 Theory of Statistics I	7
		10.321 Theory of Statistics I (Higher)	8
		10.312 Theory of Statistics II	8
		10.322 Theory of Statistics II (Higher)	9
		10.323 Theory of Statistics III (Honours)	8
II	Physics	1.011 Higher Physics I <i>or</i>	6
		1.001 Physics I <i>or</i>	6
		1.041 Physics IC	6
		1.112 Physics II	8
II	Chemistry	2.011 Higher Chemistry I <i>or</i>	6
		2.001 Chemistry I	6
		2.002 Chemistry IIS	9
II	General Biology	17.001 General and Human Biology	6
II	Botany	17.301 Botany I	9
II	Zoology	17.401 Zoology I	9
II	Geology	25.001 Geology I	6
		25.002 Geology II	9
II	History and Philosophy of Science	62.111 Hist. and Phil. of Sc. I	4
		62.112 Hist. and Phil. of Sc. II	4
		62.122 Hist. and Phil. of Sc. II (Honours)	5
		62.113 Hist. and Phil. of Sc. IIIA	4
		62.123 Hist. and Phil. of Sc. IIIA (Honours)	6
		62.133 Hist. and Phil. of Sc. IIIB (Honours)	6
		62.114 Hist. and Phil. of Sc. IV (Honours)	6
			4

SCHEDULE B

Programmes approved by the Faculty which make Pure Mathematics or the Theory of Statistics a major area of study are set out in this Schedule. Other programmes may also be approved — those shown should be taken as typical rather than exhaustive. Subjects indicated by the letters A, B, C, D and Z must be chosen so that any particular requirements relating to them are satisfied.

BACHELOR OF ARTS — PASS DEGREE

	Course I	Course II	Course III
Programme 1	10.001 Mathematics I AI BI CI DI	10.111 Pure Mathematics II AII	10.112 Pure Mathematics III AIII
2	10.001 Mathematics I AI BI CI	10.111 Pure Mathematics II AII BII	10.112 Pure Mathematics III AIII
3	10.001 Mathematics I AI BI CI	10.111 Pure Mathematics II AII BII CII	10.112 Pure Mathematics III
4	10.001 Mathematics I 10.311 Theory of Statistics I AI BI	10.111 Pure Mathematics II 10.312 Theory of Statistics II AII BII	10.112 Pure Mathematics III
5	10.001 Mathematics I AI BI CI	10.311 Theory of Statistics I AII BII	AIII BIII

BACHELOR OF ARTS — GENERAL HONOURS DEGREE

Programme	Course I	Course II	Course III
I	10.001 Mathematics I AI BI CI	10.111 Pure Mathematics II AII BII CII	10.112 Pure Mathematics III AIII BIII
Programme 2	10.001 Mathematics I 10.311 Theory of Statistics I AI BI	10.111 Pure Mathematics II 10.312 Theory of Statistics II AII BII	10.112 Pure Mathematics III AIII BIII

BACHELOR OF ARTS IN SPECIAL STUDIES — HONOURS DEGREE

Course I	Course II	Course III	Course IV
10.001 Mathematics I AI BI	10.121 Pure Mathematics II (Higher) 10.321 Theory of Statistics I (Higher) AII	10.122 Pure Mathematics III (Higher) 10.322 Theory of Statistics II (Higher)	10.123 Pure Mathematics IV
10.011 Higher Mathematics I* AI BI	10.121 Pure Mathematics II (Higher) 10.221 Applied Mathematics II (Higher) AII	10.122 Pure Mathematics III (Higher) 10.222 Applied Mathematics III (Higher)	10.123 Pure Mathematics IV
10.001 Mathematics I* AI BI	10.321 Theory of Statistics I (Higher) 10.121 Pure Mathematics II (Higher) AII	10.322 Theory of Statistics II (Higher) 10.122 Pure Mathematics III (Higher)	10.323 Theory of Statistics III

* In certain circumstances, students may be permitted to enrol for second year mathematics higher courses if they obtain high grades in 10.001 Mathematics I, and also meet the requirements of the Head of the School.

BACHELOR OF ARTS IN COMBINED SPECIAL STUDIES — HONOURS DEGREE

The second combined subject is indicated by Z.

Course I	Course II	Course III	Course IV
10.011 Higher Mathematics I*† ZI AI	10.121 Pure Mathematics II (Higher) ZII(D) AII	10.122 Pure Mathematics III (Higher) ZIIIA(D)	Pure Mathematics Z
10.011 Higher Mathematics I*† ZI AI BI	10.121 Pure Mathematics II (Higher) ZII(D)	10.122 Pure Mathematics III (Higher) ZIIIA(D)	Pure Mathematics Z
10.011 Higher Mathematics I*† ZI AI	10.321 Theory of Statistics I (Higher) ZII(D) 10.121 Pure Mathematics II (Higher)	10.322 Theory of Statistics II (Higher) ZIIIA(D) 10.122 Pure Mathematics III (Higher)*	Theory of Statistics Z

* This course is to be taken to satisfy the co-requisite requirement for 10.322; it is not to be included as one of the nine prescribed courses of the Rules.

† In certain circumstances, students may be permitted to enrol for second year mathematics higher courses if they obtain high grades in 10.001 Mathematics I, and also meet the requirements of the Head of School.

FACULTY REQUIREMENTS

Attendance at Lectures and Tutorials

Undergraduates studying for the Degree of Bachelor of Arts must attend the prescribed lectures and tutorials in each subject of their course. Applications for exemption from attendance or for leave of absence should be made to the Registrar on forms obtained from and lodged at the Admissions Office.

Since there are maximum time limits on certain courses it is imperative that students absent for extended periods should secure formal leave.

Essays and Assignments

From time to time students are required to submit essays and exercises. All written work must be submitted as required and the standard of the written work submitted will be taken into account in assessing students' results.

Admission to the Annual Examination

Students who fail to maintain a satisfactory record of attendance at lectures and tutorial classes or to submit written work when called upon to do so may be excluded from the Annual Examination.

Admission to Honours Programme

Students who wish to study for an Honours course (i.e., Special Studies or Combined Special Studies), must apply to the Head of the School in which they are specialising not later than the beginning of the second year of study.

Rules for Progression

Certain subjects must be passed as a prerequisite for taking others. Students should enquire from the Heads of Schools before planning their programmes.

ANNUAL EXAMINATIONS

The annual examinations take place in November-December for students in 30-week courses, and in September for students in 24-week courses. 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 address of students. *No result will be given by telephone.*

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

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

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

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

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

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

A student suffering from a physical disability which puts him at a disadvantage in written examinations may apply to the Registrar for special provision when examinations are taken. The

student may be required to support his request with medical evidence.

All students (including students enrolled for a thesis only) must lodge an application for admission to examinations by 19th July, 1968.

The Accountant is authorised to receive application forms during the three weeks immediately following the prescribed closing date if they are accompanied by a late fee of \$5. 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 examinations.

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.

Examinations are conducted in accordance with the following rules and procedure:—

- (a) Candidates are required to obey any instruction given by an examination supervisor for the proper conduct of the examination.
- (b) Candidates are required to be in their places in the examination room not less than ten minutes before the time for commencement.
- (c) No bag, writing paper, blotting paper, manuscript or book, other than a specified aid, is to be brought into the examination room.
- (d) No candidate shall be admitted to an examination after thirty minutes from the time of commencement of the examination.

- (e) No candidate shall be permitted to leave the examination room before the expiry of thirty minutes from the time the examination commences.
- (f) No candidate shall be re-admitted to the examination room after he has left it unless during the full period of his absence he has been under approved supervision.
- (g) A candidate shall not by any improper means obtain, or endeavour to obtain, assistance in his work, give, or endeavour to give, assistance to any other candidate, or commit any breach of good order.
- (h) Smoking is not permitted during the course of examination.
- (i) A candidate who commits any infringement of the rules governing examinations is liable to disqualification at the particular examination, to immediate expulsion from the examination room, and to such further penalty as may be determined in accordance with the By-laws.

Deferred Examinations

Deferred examinations may be granted in the following cases:—

- (i) When a student through illness or some other acceptable circumstance 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 standing 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 \$5 per subject, by the date indicated on the notification of results.

DESCRIPTIONS OF SUBJECTS

GROUP I

DRAMA

Drama courses offered within the Faculty of Arts are not primarily intended to equip a student for the profession of theatre. The National Institute of Dramatic Art, established in the University, is concerned with vocational training and with the practice of the theatre arts. The School of Drama is concerned with liberal education and with the evaluation of those arts. The National Institute of Dramatic Art and the Old Tote Theatre Company, however, provide practical and professional theatre on the campus and the School of Drama benefits greatly from their activities.

57.211 Drama I

Serves both as an introduction to other drama courses and as a study of world drama complete in itself. Most lectures are concerned with the understanding of the dramatic medium and of its contemporary relevance, and with a survey of theatre history from Aeschylus to the dramatists of the twentieth century. Additional classes are offered in acting, production, and in the practical aspects of the theatre.

TEXT BOOKS

Brockett, O. G. *The Theatre: An Introduction*. Holt, Rinehart & Winston.
Styan, J. L. *The Dramatic Experience*. Cambridge U.P.

Greene, D. and Lattimore, R. (ed.). *Greek Tragedies*. Vol. I. Uni. Chicago.

Arnott, P. (ed.). Aristophanes and Plautus. *The Birds* and *The Brothers Menaechmus*. Appleton Century Croft.

Heilman, R. (ed.). *An Anthology of English Drama before Shakespeare*. Rinehart.

Shakespeare, W. *Twelfth Night, King Lear*. Any convenient edition.

Moliere, J. B. *The Miser and Other Plays*. Penguin.

Racine, J. *Phaedra and Other Plays*. Penguin.

Ibsen, H. *Hedda Gabler and Other Plays*. Penguin.

Brecht, Bertolt. *Parables for the Theatre*. Evergreen Grove.

Three German Plays. Penguin.

Esslin, M. (ed.). *Absurd Drama*. Penguin.

Ibsen, H. *Ghosts*. Any convenient edition.

Strindberg, A. *Six Plays of Strindberg*. Doubleday Anchor.

Chekov, A. *Plays*. Penguin.

Miller, A. *Death of a Salesman*. Penguin.

O'Neill, E. *Ah, Wilderness! and Other Plays*. Penguin.

Graves, R. *The Greek Myths*. Penguin.

Stanislavsky, C. (trans. Magarshack). *On the Art of the Stage*. Faber Paperback.

Noh plays. Texts will be supplied.

Plays currently in performance at the Old Tote Theatre. Any convenient edition.

57.212 Drama II*

Theatre history from the fifth century B.C. to the sixteenth century A.D., with emphasis on the Greek and Roman, mediaeval and Elizabethan periods.

TEXT BOOKS

Selected plays from the following:

- Lattimore, R. and others (eds.). *Greek Tragedy*. Vol. 1-3 (incl.). University of Chicago Paperback.
- Aristophanes. (tr. Barret). *Frogs and Other Plays*. Penguin.
- Plautus (tr. Watling). *The Rope and Other Plays*. Penguin.
- Terence (tr. Radice). *The Brothers and Other Plays*. Penguin.
- Seneca. *Four Tragedies and Octavia*. Penguin.
- The Saryr Plays* (tr. Green). Penguin.
- Bieber, M. *History of the Greek and Roman Theatre*. 2nd ed., Oxford U.P.
- Noh plays. Texts will be supplied.
- Adams, J. Q. *Chief Pre-Shakespearean Dramas*. Harrop. Selected plays of Shakespeare.

REFERENCE BOOKS

- Arias, P., Hirmer, M. & Shefton, B. *History of Greek Vase Painting*.
- Blumel, C. *Greek Sculptors at Work*. Phaidon.
- Wegner, M. *Greek Masterworks of Art*. Braziller.
- Marinatos, S. and Hirmer, M. *Crete and Mycenae*. Thames & Hudson.
- Robertson, M. *Greek Painting*. Skira.
- Lawrence, A. W. *Greek Architecture*. Penguin.
- Arnott, P. *Introduction to the Greek Theatre*. Macmillan.
- Kitto, H. D. F. *Greek Tragedy*. Methuen.
- Webster, T. B. L. *Greek Theatre Production*. Methuen.
- Webster, T. B. L. *Art and Literature in the 4th Century*. Oxford U.P.
- Rose, H. J. *Handbook of Greek Literature*. Methuen.
- Rose, H. J. *Handbook of Roman Literature*. Methuen.
- Duckworth, G. *The Nature of Roman Comedy*. Princeton U.P.
- Nicoll, A. *Development of the Theatre*. Harrap.
- Laver, J. *Drama, its Costume and Decor*. London U.P.
- Chambers, E. K. *The Mediaeval Stage*. Oxford U.P.
- Chambers, E. K. *The Elizabethan Stage*. Oxford U.P.
- Wickham, G. *Early English Stages*. Routledge.
- Farnham, W. *Mediaeval Heritage of Elizabethan Drama*. Oxford U.P.
- Beckerman, B. *Shakespeare at the Globe*. Macmillan.
- Hodges, C. W. *The Globe Restored*. Benn.
- Tsunoda, R. *The Sources of Japanese Tradition*. Columbia U.P.

57.222 Drama II (Honours)

An analysis of drama with reference to its origins. The anthropological background of myth is studied with the philosophic concepts and literary documents of the seventh century to the fifth century B.C. Also deals with certain aspects of the re-emergence of drama in the Middle Ages.

TEXT BOOKS

- Selected Greek plays in translation.
- Harrison, Jane. *Themis*. Merlin Paperback.
- Dorsch, T. *Classical Literary Criticism*. Penguin.

- Guthrie, W. K. C. *The Greek Philosophers from Thales to Aristotle*. Harper Torchbooks.
 Cornford, F. M. *The Origin of Attic Comedy*. Doubleday Anchor.
 Frazer, Sir J. *The Golden Bough (abridged ed.)*. Macmillan Paperbacks.

REFERENCE BOOKS

- Guthrie, W. K. C. *The Greeks and their Gods*. Methuen.
 Graves, R. *The Greek Myths*. Penguin.
 Lindsay, J. *The Clashing Rocks*. Chapman & Hall.
 Chambers, E. K. *The Mediaeval Stage*. Oxford U.P.
 Hunnigher, B. *The Origin of the Theatre*. Hill & Wang.
 Pickard Cambridge, A. W. (ed. Webster). *Dithyramb, Tragedy and Comedy*. 2nd ed. Oxford U.P.
 Murray, G. *The Rise of the Greek Epic*. Oxford U.P.
 Murray, G. *Aeschylus*. Oxford U.P.
 Kitto, H. D. F. *The Greeks*. Penguin.
 Whitman, C. *Aristophanes and the Comic Hero*. Harvard U.P.
 Knox, B. W. *The Heroic Temper*. Uni California.
 Thomson, G. *Aeschylus and Athens*. Laurence & Wishart.
 Campbell, J. *The Masks of God*. Secker & Warburg.
 Snell, B. *The Discovery of the Mind*. Oxford U.P.
 Harrison, J. *Prolegomena to the Study of Greek Religion*. Meridian.
 Dodds, E. R. *The Greeks and the Irrational*. Beacon.
 Hathorn, R. *Tragedy, Myth and Mystery*. Indiana U.P.
 Ridgeway, W. *The Origins of Tragedy*. Longman.
 Else, G. *The Origin and Early Form of Greek Tragedy*. Harvard U.P.
 Winnington-Ingram, R. P. *Euripides and Dionysus*. Oxford U.P.
 Murray, G. *Euripides and his Age*. Oxford U.P.

57.213 Drama IIIA*

Theatre history of the seventeenth to the nineteenth centuries, with emphasis on the Stuart masques, English Restoration comedy, the French theatre of the seventeenth century, the German drama of Goethe, Schiller and Kleist, and the works of Ibsen and Chekov.

TEXT BOOKS

- Bentley, E. (ed.). *The Classic Theatre*, Vols. III and IV. Doubleday Anchor.
 Gosse, E. (ed.). *Restoration Plays*. Everyman.
 Lustig, T. H. (tr.). *Classical German Drama*. Bantam.
 Muir, K. (tr.). *Jean Racine*. MacGibbon & Kee.
 Moliere, J. B. P. *The Misanthrope and Other Plays*. Penguin.
 Ibsen, H. *Hedda Gabler and Other Plays*. Penguin.
 Chekov, A. *Plays*. Penguin.

REFERENCE BOOKS

- Nicoll, A. *The Development of the Theatre*. Harrap.
 Nicoll, A. *Stuart Masques and the Renaissance Stage*. Harrap.
 Southern, R. *Changeable Scenery*. Faber & Faber.
 Lea, K. M. *Italian Popular Comedy*. Russell & Russell.
 Lancaster, H. C. *A History of French Dramatic Literature*. Johns Hopkins.
 Rose, E. A. *History of German Literature*. New York U.P.

- Slonim, M. *Russian Theatre*. Methuen.
 Cole, T. (ed.). *Actors on Acting*. Crown.
 Fergusson, F. *The Idea of a Theatre*. Doubleday.
 Miner, E. (ed.). *Restoration Dramatists*. Prentice-Hall.
 Turnell, M. *The Classical Moment*. Hamilton.
 Dobree, B. *Restoration Comedy*. Oxford U.P.
 Dobree, B. *Restoration Tragedy*. Clarendon.
 Brown, J. and Harris, B. (ed.). *Restoration Theatre*. Arnold.
 Nicoll, A. *History of English Drama 1660-1900*, Vol. I. Cambridge U.P.

57.223 Drama IIIA (Honours)

Tragedy, its theoreticians and critics. The course, which follows the comparative method, lays special emphasis on the Greek and Elizabethan theatres. These are studied together with French and German classical tragedy and more modern developments, and in the context of the major critics and theoreticians.

TEXT BOOKS

- Potts, L. J. *Aristotle on the Art of Fiction*. Cambridge U.P.
 Clark, B. *European Theories of the Drama*. Crown.
 Paolucci, A. and H. *Hegel on Tragedy*. Doubleday Anchor.
 Lessing, G. E. *Hamburg Dramaturgy*. Dover.
 Plays to be specified.

REFERENCE BOOKS

- Fergusson, F. *The Idea of a Theatre*. Doubleday Anchor.
 Steiner, G. *The Death of Tragedy*. Faber.
 Bradley, A. C. *Shakespearean Tragedy*. Macmillan.
 Nietzsche, F. *The Birth of Tragedy*. Foulis.
 Brooks, C. (ed.). *Tragic Themes in Western Literature*. Yale U.P.
 Kittoo, H. D. F. *Form and Meaning in Drama*. Methuen.
 Lucas, F. L. *Tragedy*. Macmillan.

57.233 Drama IIIB

Drama and theatre of the twentieth century. Developments in realism, symbolism, expressionism and surrealism are studied with modern forms of tragedy, tragi-comedy and poetic drama.

TEXT BOOKS

Plays by the following authors are chosen; most are available in paperback editions:

- Strindberg, Ibsen, Chekov, Shaw, Kaiser, Toller, Hasenclever, Pirandello, Buchner, Rice, Williams, Miller, Albee, O'Neill, Richardson, Lorca, O'Casey, Anouilh, Giraudoux, de Ghelderode, Betti, Eliot, Arden, Osborne, Pinter, Bolt, Hochhuth, Frisch, Dürrenmatt, Ionesco, Beckett.

REFERENCE BOOKS

- Gassner, J. *Directions in the Modern Theatre*. Holt, Rinehart & Winston.
 Brustein, R. *The Theatre of Revolt*. Methuen.

- Williams, R. *Drama from Ibsen to Eliot*. Penguin.
 Bentley, E. *The Playwright as Thinker*. Meridian.
 Esslin, M. *The Theatre of the Absurd*. Doubleday Anchor.
 Taylor, J. R. *Anger and After*. Penguin.
 Fergusson, F. *The Human Image in Dramatic Literature*. Doubleday Anchor.
 Fergusson, F. *The Idea of a Theatre*. Doubleday Anchor.
 Willett, J. *The Theatre of Bertolt Brecht*. Methuen.
 Artaud, A. *The Theatre and its Double*. Grove Press.
 Cole, T. (ed.). *Playwrights on Playwriting*. Hill & Wang.
 Valency, M. *The Flower and the Castle*. Macmillan.

57.243 Drama IIIB (Honours)

The theory of comedy and the sources of humour. The devices of situation and character which have been employed for comic effect from the time of Aristophanes to that of Coward are studied with reference both to classical comedies and to the perennial theatre which lacks a literature, but which has provided the staple diet of entertainment in all periods of history.

TEXT BOOKS

- Meredith, G. *An Essay on Comedy*. Doubleday Anchor.
 Bergson, H. *Laughter*. Doubleday Anchor.
 Lauter, P. (ed.). *Theories of Comedy*. Doubleday Anchor.
 and certain plays by the following authors:
 Aristophanes, Terence, Plautus, Goldoni, Moliere, Congreve, Farquhar,
 Beaumarchais, Pinero, Gogol, Chekov, Behrman and Coward.

REFERENCE BOOKS

- Clark, B. (ed.). *European Theories of the Drama*. Crown.
 Nicoll, A. *An Introduction to Dramatic Theory*. Harrap.

57.224 Drama IV (Honours)

An advanced study of selected topics in theatre history. Students are required to write a thesis, preferably concerned with Australian theatre history.

* Students of Drama II and of Drama IIIA will take the same lectures, the contents of each course being taught in alternate years. Thus students in Drama IIIA in 1968 will be studying the history of theatre from the 5th century B.C. to the 16th century A.D., having already studied the 17th to 19th centuries in 1967. Students of Drama II will also study the history of theatre from the 5th century B.C. to the 16th century A.D. in 1968.

ECONOMICS

15.101 Economics I

This subject will assume matriculation mathematics.

An introduction to economic analysis including the theory of the determination of prices and output of individual goods and services, the determination of the general price level, aggregate employment and national income, and the monetary and banking system, with particular reference to Australian institutions and economic policy.

TEXT BOOKS

- Samuelson, P. A. *Economics: An Introductory Analysis*. 7th ed., McGraw-Hill, 1967.
- Robinson, R. *Study Guide to Accompany Samuelson: Economics*. 7th ed., McGraw-Hill, 1967.
- Haveman, R. H., and Knopf, K. A. *The Market System*. Wiley, 1966.
- Karmel, P. H., and Brunt, Maureen. *The Structure of the Australian Economy*. Cheshire, 1966.

REFERENCE BOOKS

- Arndt, H. W., and Corden, W. M. (eds.). *The Australian Economy: A Volume of Readings*. Cheshire, 1963.
- Arndt, H. W., and Harris, C. P. *The Australian Trading Banks*. 3rd ed., Cheshire, 1965.
- Commonwealth of Australia. *Australian National Accounts: National Income and Expenditure*. Commonwealth Statistician.
- Boulding, K. E. *Economic Analysis*, Vol. 1: *Microeconomics*. Harper and Row, 1966.
- Dorfman, R. *Prices and Market*. Prentice-Hall, 1967.
- Grant, J. McB., and Hagger, A. J. (eds.). *Economics: An Australian Introduction*. Cheshire, 1964.
- Leftwich, R. H. *The Price System and Resource Allocation*. Revised ed., Holt Rinehart and Winston, 1961.
- Commonwealth of Australia. *National Income and Expenditure*. Latest ed., Govt. Printer.
- Perkins, J. O. N. *Anti-cyclical Policy in Australia Since 1960*. Melbourne U.P., 1965.
- Sayers, R. S. *Modern Banking*. 6th ed., Clarendon Press, 1964.
- Schultze, C. L. *National Income Analysis*. 2nd ed., Prentice-Hall, 1967.
- Sirkin, G. *Introduction to Macroeconomic Theory*. Revised ed., Irwin, 1965.
- Tew, B. *Wealth and Income*. 4th ed., Melbourne U.P., 1964.

15.151 Economics II

A survey of economic analysis orientated towards Australian economic problems and policy. Matriculation mathematics is *not* required for this subject, but normally students passing it will not be able to enrol in Economics II.

PRELIMINARY READING

Robinson, M. A., Morton, H. C., Calderwood, J. D. and Lamberton, D. M. *An Introduction to Economic Reasoning*. Australian ed., Anchor Paperback, 1965.

TEXT BOOKS

Australian Economic Background. Cheshire, 1966.

Samuelson, P. A. *Economics: An Introductory Analysis*. 7th ed., McGraw-Hill, 1964.

Robinson, R. *Study Guide and Workbook to Accompany Samuelson: Economics*. 7th ed., McGraw-Hill, 1964.

REFERENCE BOOKS.

Arndt, H. W., and Corden, W. M. (eds.). *The Australian Economy: A Volume of Readings*. Cheshire, 1963.

Commonwealth of Australia. *Australian National Accounts: National Income and Expenditure*. Commonwealth Statistician.

Commonwealth of Australia. *Labour Report*. Latest ed., Govt. Printer.

Dorfman, R. *Prices and Markets*. Prentice-Hall, 1967.

Grant, J. McB., and Hagger, A. J. (eds.). *Economics: An Australian Introduction*. Cheshire, 1964.

Ingram, J. C. *International Economic Problems*. Wiley, 1966.

Isaac, J. E., and Ford, G. W. (eds.). *Australian Labour Economics: Readings*. Sunbooks, 1967.

Karmel, P. H., and Brunt, M. *The Structure of the Australian Economy*. Cheshire, 1966.

Leftwich, R. H. *The Price System and Resource Allocation*. Rev. ed., Holt, Rinehart and Winston, 1961.

Commonwealth of Australia. *National Income and Expenditure*. Latest ed., Govt. Printer.

McColl, G. D. *The Australian Balance of Payments*. Melbourne U.P., 1965.

Perkins, J. O. N. *Anti-cyclical Policy in Australia Since 1960*. Melbourne U.P., 1965.

Sirkin, G. *Introduction to Macroeconomic Theory*. Rev. ed., Irwin, Homewood, 1965.

15.102 Economics II

Microeconomic theory, a critical review of empirical studies of pricing policy, the theory of comparative advantage in international trade and trade policy, the theory of aggregate output and employment.

TEXT BOOKS

Dorfman, R. *Prices and Markets*. Prentice-Hall, 1967.

Dernburg, L. E., and McDougall, D. M. *Macroeconomics*. International Student Edition, McGraw-Hill, 1963.

Due, J. E., and Clower, R. W. *Intermediate Economic Analysis*. 5th ed., Irwin, 1966.

Kenen, P. *International Economics*. 2nd ed., Prentice-Hall, 1966.

REFERENCE BOOKS

- Harcourt, G. C., Karmel, P. H., and Wallace, R. H. *Economic Activity*. C.U.P., 1967.
- Stigler, G. J. *The Theory of Price*. 3rd ed., Macmillan, 1966.
- Friedman, M. *Price Theory*. Aldine, 1962.
- Mansfield, E. (ed.). *Monopoly Power and Economic Performance*. Norton, 1964.
- Cohen, K. J., and Cyert, R. M. *Theory of the Firm: Resource Allocation in a Market Economy*. Prentice-Hall, 1965.
- Ferguson, C. E. *Microeconomic Theory*. Irwin, 1966.
- Hunter, A. (ed.). *The Economics of Australian Industry*. Melbourne U.P., 1963.
- Scitovsky, T. *Welfare and Competition*. Allen and Unwin, 1952.
- Watson, D. S. *Price Theory and its Uses*. Houghton Mifflin, 1963.
- Watson, D. S. *Price Theory in Action: A Book of Readings*. Houghton Mifflin, 1965.

15.112 Economics II (Honours)

The content of this subject includes that of 15.102 Economics II as well as additional and more advanced work in both macro and micro analysis.

TEXT BOOKS

- Dernburg, T. F., and McDougall, D. M. *Macroeconomics*. International Student Edition, McGraw-Hill, 1963.
- Ferguson, C. E. *Microeconomic Theory*. Irwin, 1966.
- Kindleberger, C. P. *International Economics*. 3rd ed., Irwin, 1963.

REFERENCE BOOKS

- Harcourt, G. C., Karmel, P. H., and Wallace, R. H. *Economic Activity*. C.U.P., 1967.
- Stigler, G. J. *The Theory of Price*. 3rd ed., Macmillan, 1966.
- Friedman, M. *Price Theory*. Aldine, 1962.
- Mansfield, E. (ed.). *Monopoly Power and Economic Performance*. Norton, 1964.
- Cohen, K. J., and Cyert, R. M. *Theory of the Firm: Resource Allocation in a Market Economy*. Prentice-Hall, 1965.
- Hunter, A. (ed.). *The Economics of Australian Industry*. Melbourne U.P., 1963.
- Scitovsky, T. *Welfare and Competition*. Allen and Unwin, 1952.
- Archibald, G. C., and Lipsey, R. G. *An Introduction to the Mathematical Treatment of Economics*. Weidenfeld and Nicolson, 1967.
- Vickrey, W. S. *Microstatics*. Harcourt, Brace & World, 1964.
- Baumol, W. J. *Economic Theory and Operations Analysis*. 2nd ed., Prentice-Hall, 1965.
- Boulding, K. E., and Stigler, G. J. (eds.). *Readings in Price Theory*. Allen and Unwin, 1953.
- Heflebower, R. B., and Stocking, G. W. (eds.). *Readings in Industrial Organisation and Public Policy*. Irwin, 1958.

15.103 Economics IIIA

Macro-economic theory and policy including the concept and measurement of national income, static and dynamic aspects of the theory of aggregate output, employment and the price level, inflation theory, aspects of cyclical fluctuations and economic growth, monetary and fiscal policy, and incomes policy with special reference to Australia.

PRELIMINARY READING

Harcourt, G. C., Karmel, P. H., and Wallace, R. H. *Economic Activity*. C.U.P., 1967.

TEXT BOOKS

Ackley, G. *Macroeconomic Theory*. International Student Edition. Macmillan, 1961.

Matthews, R. C. O. *The Trade Cycle*. Cambridge U.P., 1960.

Arndt, H. W., and Corden, W. M. (eds.). *The Australian Economy. A Volume of Readings*. Cheshire, 1963.

Perkins, J. O. N. *Anti-cyclical Policy in Australia, 1960-1966*. 2nd ed., M.U.P., 1967.

REFERENCE BOOKS

Arndt, H. W., and Harris, C. P. *The Australian Trading Banks*. 3rd ed., Cheshire, 1965.

Bailey, M. J. *National Income and the Price Level*. McGraw-Hill, 1962.

Davidson, P., and Smolensky, E. *Aggregate Supply and Demand Analysis*. Harper & Row, 1963.

Dernburg, T. F., and McDougall, D. M. *Macroeconomics*. Rev. ed., McGraw-Hill, 1963.

Duesenberry, J. S., *Business Cycles and Economic Growth*. McGraw-Hill, any edition.

Hagger, A. J. *The Theory of Inflation*. Melbourne U.P., 1964.

Hansen, A. H. *Business Cycles and National Income*, Norton, 1951.

Hansen, A. H. *A Guide to Keynes*. McGraw-Hill, 1953.

Hicks, J. R. *A Contribution to the Theory of the Trade Cycle*. Oxford U.P., 1950.

Isaac, J. E., and Ford, G. W. (eds.), *Australian Labour Economics: Readings*. Sun Books, 1967.

Keynes, J. M. *The General Theory of Employment, Interest and Money*. Paperback ed., Macmillan, 1961.

15.143 Economics IIIA (Honours) (Arts)

- Economic Policy plus one of
 - 15.213 History of Economic Thought
 - 15.233 Public Finance and Financial Policy
 - 15.243 Economic Development
 - 15.253 Economics of Industry and Labour
 - 15.263 International Economics
 - 15.223 Comparative Economic Systems
- or 15.443 Mathematical Economics

All of these options are not offered each year. Further enquiries should be addressed to the School of Economics. Details of texts and references available from the School of Economics.

15.153 Economics IIIB (Honours) (Arts)

Quantitative Analysis in Economics plus *one* of

15.213 History of Economic Thought

15.233 Public Finance and Financial Policy

15.243 Economic Development

15.253 Economics of Industry and Labour

15.263 International Economics

15.223 Comparative Economic Systems

or 15.443 Mathematical Economics

All of these options are not offered each year. Further enquiries should be addressed to the School of Economics. Details of texts and references available from the School of Economics.

15.124 Economics IV (Honours)

(i) A survey of advanced economic theory; (ii) A thesis.

Note: Students are expected to do a substantial amount of work on their thesis before the commencement of the academic year. They must have a topic approved by the Head of the School of Economics before the commencement of Second Term of the year *preceding* their entry into Economics IV.

ENGLISH

English is not a compulsory subject within the Faculty of Arts: the courses are intended for students who have both a genuine interest in the subject and some special ability in it. The Language work in English I would present special difficulty to any student who had not studied a foreign language at school.

Students who wish to take a Special (Honours) degree in English are strongly advised to take courses in a foreign language or Philosophy, in addition to the compulsory course in History and Philosophy of Science.

It will be assumed that all students before beginning the course have read a standard history of English literature and are familiar with the main outlines of English history.

50.111 English I

A. Language—(i) The spoken language, and phonetics; (ii) Language and style, with special reference to the modern period; (iii) Chaucer and the early development of English.

B. Literature—An introduction to Twentieth Century Literature in English: (i) drama; (ii) the novel; (iii) poetry.

TEXT BOOKS

(A) LANGUAGE

- (i) Jones, D.: *The Pronunciation of English*. 4th ed., 1966, C.U.P.
- (iii) Chaucer: *The Nun's Priest's Tale*. ed. Sisam. O.U.P.

(B) TWENTIETH CENTURY LITERATURE

(i) Drama

- Shaw: *Caesar and Cleopatra; Man and Superman*. Penguin.
- Synge: *Six Plays*, Four Square Books or *Plays, Poems and Prose*. Everyman.
- O'Casey: *Juno and the Paycock*. Macmillan.
- O'Neill: *The Hairy Ape; The Emperor Jones*. Penguin.
- Stewart: *The Golden Lover*. A. & R.

(ii) The Novel

- Conrad: *Lord Jim; Nostromo*.
 - Forster: *Howards End; A Passage to India*.
 - Joyce: *A Portrait of the Artist as a Young Man*.
 - Lawrence, D. H.: *The Rainbow*.
 - Woolf, Virginia: *To the Lighthouse*.
 - Faulkner: *The Sound and the Fury*.
- (Each of these in any unabridged edition.)

(iii) Poetry

- Hopkins: *The Poetry of Gerard Manley Hopkins*. Ed. W. H. Gardner. Penguin.
- Yeats: *Collected Poems*. Macmillan.
- Eliot: *Collected Poems*. Faber.
- Frost: *Selected Poems*. Penguin.
- Slessor: *Poems*. A. & R.

50.112 English II (Pass)

Nineteenth century literature in English, with the History Plays of Shakespeare.

PROSE**RECOMMENDED READING**

Jane Austen: *Emma*; *Mansfield Park*; *Persuasion*.

Dickens: *Martin Chuzzlewit*; *Little Dorrit*; *Great Expectations*.

Thackeray: *Barry Lyndon*; *Vanity Fair*; *Henry Esmond*.

Melville: *Typee*; *Moby Dick*; *Billy Budd*; and selected short stories.

George Eliot: *The Mill on the Floss*; *Middlemarch*.

James: *The Portrait of a Lady*; *The Ambassadors*.

POETRY

Students are expected to read as widely as possible in the work of the following authors:—

Blake, Wordsworth, Coleridge, Byron, Keats, Tennyson, Browning, Arnold, Whitman.

No text books will be prescribed. Students purchasing their own copies of the poetry are advised to buy the edition in the Oxford Standard Authors, where available, or for Wordsworth, *Selected Poetry*, ed. Mark van Doren (Modern Library College Edition); for Coleridge, *Selected Poetry and Prose*, ed. Stauffer (Modern Library C.E.); for Keats, *Complete Poetry and Selected Prose*, ed. Briggs (Modern Library C.E.); for Whitman, *Leaves of Grass and Selected Prose*, ed. Bradley (Rinehart); for Tennyson, *Selected Poetry*, ed. Bush (Modern Library C.E.).

SHAKESPEARE

Richard III; *King John*; *Richard II*; *Henry IV* (both parts); *Henry V* (these in any good complete edition, e.g., ed. Alexander [Collins] or ed. Sisson [Odhams] or in separate volumes of e.g. the new Arden edition, or the Signet Classics).

50.122 English II (Honours)

- The pass course (50.112) plus 1. An introduction to Old and Middle English Language and Literature, together with a study of Linguistics.
2. A further study of Twentieth Century Literature in English.

TEXT BOOKS

- As for the pass course.
- Chaucer, G. *The Works of Geoffrey Chaucer*, ed. F. N. Robinson. second edition. Houghton Mifflin, 1957.
Wyatt, A. J. *The Threshold of Anglo-Saxon*. Cambridge University Press.
- Reading will be prescribed in the work of the following authors:—
Joyce, Faulkner, Cary; Yeats (as poet and playwright), Eliot (as poet and playwright); Auden; Lowell; FitzGerald.

English III

Students studying for a Special Honours Degree in English take both English IIIA (course 50.123) and English IIIB (course 50.143).

Students studying for the Pass Degree take 50.113 only.

50.113 English IIIA

The literature of the eighteenth century, together with further study of Shakespeare's Tragedies. Students are expected to read as widely as possible in the work of the following authors:—

Milton, Dryden, Pope, Gay; Swift; Defoe, Richardson, Fielding, Smollett, Sterne; Johnson and Boswell; Vanbrugh, Farquhar, Goldsmith, Sheridan; Gray, Collins, Crabbe.

No text books will be prescribed. Students are advised to purchase standard editions such as the Oxford Standard Authors, where available, or for Pope, *The Poems*, ed. Butt ("Twickenham") (one-volume edition, Methuen); and for Swift, *Gulliver's Travels and Other Writings*, ed. Quintana (Modern Library College Edition).

50.123 English IIIA (Honours)

(i) The pass course, 50.113; (ii) some main themes and forms in Middle English Literature.

TEXT BOOKS

Sisam, K. (ed.). *Fourteenth Century Prose and Verse*. O.U.P.

Chaucer, G. *The Works of Geoffrey Chaucer*. Ed. F. N. Robinson, second edition. Houghton Mifflin, 1957.

Ford, B. (ed.). *The Age of Chaucer*. Pelican.

50.133 English IIIB

Available in 1968 to Honours students only. A course on Elizabethan Literature:—

Lyly, Peele, Kyd, Marlowe, Greene; Shakespeare (early plays, Comedies and "Problem Plays"); the poetry of Sidney, Spenser, Marlowe, Shakespeare, Raleigh, Daniel, Drayton and Campion; and prose, with special reference to Sidney, Lyly, Lodge, Nashe, Deloney, Hakluyt and the Translations.

50.143 English IIIB (Honours)

(i) 50.133. (ii) A further study of Old English and Linguistics.

TEXT BOOKS

Wyatt, A. J. *The Threshold of Anglo-Saxon*. Cambridge University Press.

Potter, S. *Language in the Modern World*. Pelican.

50.114 English IV (Honours)

(1) English Literature of the seventeenth century. (2) The History and methods of literary scholarship.

No text books will be prescribed. A special study will be made of the work of the following authors:—

(1) *Drama*

Jonson, Dekker, Chapman, Marston, Tourneur, Webster, Middleton, Beaumont and Fletcher; Shakespeare ("Romances" and *Henry VIII*); Massinger, Ford, Shirley; Dryden, Otway, Etherege, Sedley, Wycherley, Congreve.

(2) *Poetry*

Jonson, Donne, Herbert, Vaughan, Crashaw, Traherne; Herrick and the Cavaliers; Milton; Marvell; Waller, Cowley; Butler; Rochester, Sedley, Dorset.

(3) *Prose*

Dekker, Donne, Bacon, Burton, Taylor, Fuller, Walton, Milton, Browne, Pepys, Evelyn, Aubrey, Bunyan, and selected writers of fiction.

FRENCH

Courses offered by the Department will cover language, literature and culture.

The cultural component of the syllabus is designed to encourage students to look at French civilisation as a whole, and to attempt to define its characteristic qualities. Alongside the great works of French literature, they are also given the opportunity to study outstanding achievements in other fields, notably painting, architecture and music. The Department is making extensive use of audio-visual aids for this purpose.

Throughout the course, particular stress is placed not only on the aesthetic qualities of French culture, but also on its intellectual content, and on the major contributions which the French have made to subjects such as political theory, philosophy, ethics, and, above all, the analysis of human psychology. Students' attention is constantly drawn to the wealth of ideas to be found in French literature, and they are asked to express their opinions on the value of these ideas and their relevance to present-day problems. The French preoccupation with moral issues and with human relationships, both personal and social, receives special attention. At the same time, important literary works are studied in depth, with a view to investigating purely aesthetic problems and the workings of the creative imagination. Training is given from the first year onwards in the techniques of literary analysis and criticism.

A feature of the syllabus is a compulsory course for third year students on the problems and achievements of modern France. The main aim of this course is to ensure that students leave the University with an awareness of the new and crucial role which France is playing in the contemporary world, not only culturally, but also politically and economically.

In the teaching of the language itself, the main stress is laid on developing students' ability to understand and speak French with the greatest possible degree of proficiency. With this aim in view many of the lectures and tutorials are conducted in French. Although formal written work continues to occupy a central place in the syllabus, it is supplemented by extensive periods of oral practice, much of which is carried out in the language laboratory. A stereo room is also available for listening to performances of French plays, both classical and modern, and a wide variety of prose and poetry readings.

Students intending to take French must have a Second Level pass in the New South Wales Higher School Certificate, or an equivalent pass in another examination.

Note for New Students

The attention of students intending to specialise in French is drawn to the History I course on "Europe: 1700 - 1945", which offers them an extremely valuable background for their studies.

All students planning to take a degree in Special Studies in French should consult the Head of School during Enrolment Week for advice as to their choice and arrangement of subjects.

56.111 French I

(a) *Language*—In the first term five hours per week are devoted to an intensive course consisting of tutorials and language laboratory sessions, designed to develop students' proficiency in understanding and speaking modern French. The course attempts to give students a feeling for the basic grammatical and syntactical patterns of French and for the sound of the spoken language. In the second and third terms the number of hours normally devoted to linguistic work is reduced to two per week, and lectures on literature and civilisation are introduced.

TEXT BOOKS

Harrap's Standard French and English Dictionary, 2 vols.

(Otherwise *Harrap's Shorter French and English Dictionary*.)

Politzer, R. L. and Hagiwara, M. P. *Active Review of French*. Blaisdell Publishing Co. 1963 edition.

Politzer, R. L. *Trois contes, deux essais, une comédie*. Prentice-Hall.

REFERENCE BOOKS (recommended for purchase if possible, especially in the case of students proceeding beyond French I).

Petit Larousse. "Dictionnaire encyclopédique pour tous". Larousse. 1963 edition. (An invaluable reference book for literature and civilisation as well as language.)

Robert, P. *Le Petit Robert*. Dictionnaire alphabétique et analogique de la langue française. Société du Nouveau Littré.

(b) *An Introduction to French Literature*—Five representative writers from the seventeenth century to the present day are studied in detail, with the aim of introducing students to some of the characteristic themes and styles in French literature.

TEXT BOOKS

La Fayette, Mme. de. *Romans et nouvelles*. Classiques Garnier.

Voltaire. *Romans et contes*. Classiques Garnier.

Laclos, C. de. *Les Liaisons dangereuses*. Classiques Garnier.

Hugo, V. *Les Contemplations*. Classiques Garnier.

Camus, A. *L'Etranger*. *Livre de Poche Université*. Gallimard.

Camus, A. *La Peste*. Gallimard.

(c) *A Survey of the Historical and Intellectual Traditions of France*—This series of illustrated lectures and tutorials in French aims to give students a historical and cultural background to the development of French civilisation and to its achievements in a variety of fields.

TEXT BOOKS

Michaud, G. *Guide France*. Hachette.

Mauger, G. *La France et ses écrivains*. Cours de langue et de civilisation françaises. Vol. 4. Hachette.

Romier, L. *A History of France*. Macmillan. Paperback edition.

Daval, R. *Histoire des idées en France*. P.U.F. "Que sais-je?" No. 593.

REFERENCE BOOKS

- Duby, G. and Mandrou, R. *Historie de la civilization française*. A. Colin.
 Gaxotte, P. *Histoire des Français*. Flammarion.
 Barrière, P. *La vie intellectuelle en France du XVI^e siècle à nos jours*.
 Albin Michel.
 Gaultier, P. *L'âme française*. Flammarion.

56.112 French II(a) *Language*

This part of the course continues to develop students' oral-aural skills through language laboratory practice and conversation in small tutorial groups, but places equal stress on developing the ability to write French correctly and fluently. Students are required to submit regular exercises in French on prescribed topics.

TEXT BOOKS

- Grevisse, M. *Exercices sur la grammaire française*. Editions J. Duclot.
 C.R.E.D.I.F. *Vocabulaire d'initiation à la critique et à l'explication littéraire*. Didier.

REFERENCE BOOK (recommended for purchase if possible.)

- Grevisse, M. *Le Bon Usage*. Librairie P. Geuthner. Latest edition.

(b) *The Literature and Thought of the Seventeenth, Eighteenth and Early Nineteenth Centuries*—Subjects for study include the literature of the classical period, currents of thought in eighteenth century France and the birth of romanticism. The following writers will be discussed in detail: Molière, Racine, Marivaux, Rousseau, Baudelaire and Nerval.

TEXT BOOKS

- Molière. *Théâtre choisi*. Classiques Garnier.
 Racine, J. *Théâtre complet*. Classiques Garnier.
 Marivaux, P. de. *La vie de Marianne*. Collection "Littérature" Julliard.
 Marivaux, P. de. *Théâtre*. "Collection du Flambeau". Hachette.
 Rousseau, J. J. *Confessions*. (1 vol.). Classiques Garnier.
 Baudelaire, C. *Les Fleurs du Mal*. Classiques Garnier.
 Nerval, G. de. *Nerval: Sylvie, Aurélia* (ed. R. Jean). José Corti.

REFERENCE BOOKS (the first three recommended for purchase if possible.)

- Lagarde, A. et Michard, L. *XVII^e siècle*. Collection "Textes et Littérature". Bordas.
 Lagarde, A. et Michard, L. *XVIII^e siècle*. Collection "Textes et Littérature". Bordas.
 Lagarde, A. et Michard, L. *XIX^e siècle*. Collection "Textes et Littérature". Bordas. (To be retained for further use in French III.)
 Lough, J. *An Introduction to Seventeenth Century France*. Longmans.
 Lough, J. *An Introduction to Eighteenth Century France*. Longmans.

(c) *French Society and Civilisation*.

- (i) *The Social Structure of Contemporary France*.

TEXT BOOK

- Beaujour, M. et Ehrmann, J. *La France contemporaine*. Macmillan or A. Colin.

REFERENCE BOOKS

La France d'aujourd'hui. Hatier.

Calvet, H. *La société française.* Nathan.

Wylie, L. *Village in the Vaucluse.* Harvard University Press.

(ii) *Themes in French Art and Architecture of the Seventeenth, Eighteenth and Early Nineteenth Centuries.*

REFERENCE BOOKS

Francastel, P. *Histoire de la peinture française. La peinture de chevalet du XIV^e siècle au XX^e siècle.* Diffusion Centurion. 2 vols.

Leroy, A. *Evolution de la peinture française des origines à nos jours.* Horizons de France.

Lelièvre, P. *L'architecture française.* P.U.F.

Benoist, L. *La sculpture française.* P.U.F.

56.122 French II (Honours)

(a) *An intensive study of the novels by Stendhal and Balzac.*

TEXT BOOKS

Stendhal. *Le Rouge et le Noir.* Classiques Garnier.

Stendhal. *La Chartreuse de Parme.* Classiques Garnier.

Balzac. *Eugénie Grandet.* Classiques Garnier.

Balzac. *Le Père Goriot.* Classiques Garnier.

Balzac. *Illusions perdues.* Classiques Garnier.

Balzac. *Le Lys dans la vallée.* Classiques Garnier.

(b) *Advanced exercises in written French expression.*

TEXT BOOK

Courault, M. *Manuel pratique de l'art d'écrire.* Hachette. 2 vols.

56.113 French IIIA

(a) *Language*—Includes works in stylistics, together with an introduction to the theory and practice of translation. Students will be required to submit regular exercises in French on prescribed topics.

TEXT BOOKS

Vinay, J.-P. et Darbelnet, J. *Stylistique comparée du français et de l'anglais.* Didier. 1964 edition.

Vinay, J.-P. et Darbelnet, J. *Cahier d'exercices.* No. 1 Librarie Beauchemin.

(b) *The Literature and Thought of the Late Nineteenth and Twentieth Centuries*—Literature of social protest (particularly concerned with the theme of war), the twentieth century novel, and modern experiments in poetry. The following writers will be discussed in detail: Alain, Malraux, Sartre, Rimbaud, Apollinaire and Gracq.

TEXT BOOKS

Alain. *Mars ou la guerre jugée.* Gallimard.

Giraudoux, J. *La Guerre de Troie n'aura pas lieu.* Grasset.

Malraux, A. *La Condition humaine.* Gallimard.

Sartre, J.-P. *La Nausée.* Livre de Poche.

Rimbaud, A. *Oeuvres*. Garnier.

Apollinaire, G. *Alcools*. Collection "Poésie". Gallimard. (Or any other edition.)

Gracq, J. *Le rivage des Syrtes*. José Corti.

(c) *The Political and Economic Life of France since 1870*—The political and economic forces which have shaped modern France, with particular stress on the history of French republicanism, the origins of governmental instability, the colonial wars, the rise of de Gaulle, present French foreign policy, the recent economic and industrial revival of France, and her role in the Common Market.

TEXT BOOK

Thomson, D. *Democracy in France*. Oxford University Press, 4th edition.

REFERENCE BOOKS

Aron, R. *France, Steadfast and Changing*. Harvard University Press.

Schoenbrun, D. *As France Goes*. Harper, New York.

Jeanneney, J. M. *Forces et faiblesses de l'économie française*. Colin.

Mitterand, F. *Le Coup d'état permanent*. Plon.

Mauriac, F. *De Gaulle*. Grasset.

Grosser, A. *La Politique extérieure de la Ve République*. Le Seuil. 1965.

(d) *Special Subjects*—Students will select one of the following special subjects. The Head of School must be consulted before a final choice is made.

(i) *Music in French Civilisation*—A series of lectures and guided listening sessions to be held in the stereo room covering French music from the Middle Ages to the twentieth century. The music will be studied in its relationship with the other arts and with the development of French society.

TEXT BOOKS

Harman, A. and Mellers, W. *Man and his Music: The story of musical experience in the West*. London, Barrie and Rockliff, 1962.

REFERENCE BOOKS

Barzun, J. *Berlioz and his Century: An Introduction to the Age of Romanticism*. New York, Meridan Books, 1956.

Cooper, M. *French Music from the Death of Berlioz to the Death of Fauré*. London, O.U.P., 1951 (Oxford Paperbacks edition, 1961).

Lockspeiser, E. *Debussy*. London, Dent, 1963.

Hodeir, A. *Since Debussy*. London, Secker and Warburg, 1961.

FURTHER READING

Strunk, O. *Source Readings in Music History*. New York, Norton, 1950.

Prunières, H. *A New History of Music: from the Middle Ages to Mozart*. New York, Macmillan, 1943.

Weber, E. (ed.). *Debussy et l'Évolution de la Musique au XX^e siècle*. Paris, Centre National de la Recherche Scientifique, 1965.

(ii) *The Theatre of the Absurd in France*.

TEXT BOOKS

- Artaud, A. *Le Théâtre et son double*. Collection "Idées". Gallimard.
 Ionesco, E. *Théâtre*. Vol. I. Gallimard.
 Beckett, S. *En attendant Godot*. Editions de Minuit.
 Genet, J. *Les nègres*. L'Arbalète.
 Dubillard, R. *La maison d'os*. Gallimard.

REFERENCE BOOK

- Esslin, M. *The Theatre of the Absurd*. Eyre and Spottiswoode.

56.123 French IIIA (Honours)

The French novel, with particular reference to Flaubert and Proust.

TEXT BOOKS

- Flaubert, G. *Madame Bovary*. Classiques Garnier.
 Flaubert, G. *L'Education sentimentale*. Classiques Garnier.
 Proust, M. *A la recherche du temps perdu*. Livre de Poche.

56.133 French IIIB (Honours)

(a) *The late Renaissance in France, with particular reference to Montaigne and the baroque poets.*

TEXT BOOKS

- Montaigne, M. de. *Essais*. Classiques Garnier. 3 vols.
 Brereton, G. (ed.). *Penguin Book of French Verse. Sixteenth to Eighteenth Centuries*.

REFERENCE BOOK

- Schmidt, A.-M. (ed.). *Poètes du XVI^e siècle*. "Bibliothèque de la Pléiade". Gallimard.
 (b) *Modern linguistic theory and its relevance to an understanding of the French language.*

TEXT BOOKS

- Martinet, A. *Eléments de linguistique générale*. A. Colin.
 Malmberg, B. *La phonétique*. "Que sais-je?" P.U.F. No. 637.
 Dubois, J. *Grammaire structurale du français*. Larousse.

REFERENCE BOOKS

- Gleason, H. *An Introduction to Descriptive Linguistics*. Holt, Rinehart & Winston.
 Benveniste, E. *Problèmes de linguistique générale*. Gallimard.
 Hjelmslev, L. *Prolegomena to a Theory of Language*. Madison.
 Martinet, A. *Phonology as Functional Phonetics*. Blackwell.
 (c) *An advanced study of stylistics.*

REFERENCE BOOKS

- Sauvageot, H. *Les procédés expressifs du français contemporain*. Klencksieck.
 Cressot, M. *Le style et ses techniques*. Presses Universitaires de France. 1963.

56.114 French IV (Honours)

(a) *A study of the theatre in the French literary imagination from the time of Corneille to the present day.*

(b) *A structural approach to the French novel.*

(c) *The "new criticism" in France.*

REFERENCE BOOK

Doubrovsky, J. *Pourquoi la nouvelle critique?* **Mercure de France.**

(d) *Advanced exercises in prose composition, with special emphasis on usage and style.*

TEXT BOOKS

Bonnerot, L., Appia, H. et al. *Chemins de la traduction.* Didier.

Ritchie, R. L. G. *A New Manual of French Composition.* Cambridge University Press.

(e) *Preparation of a short thesis*—To be written in French on a subject related to (a), (b) or (c) and approved by the Head of School.

Graduate Seminar—Methodology of literary criticism and research.

The French Department intends to introduce in 1968 its first formal graduate seminar on the above subject, to be attended by all students currently enrolled for the M.A. and PhD. The seminar will deal both with theoretical questions and with specific problems raised by the students' research.

GEOGRAPHY

Geography is the study of variations from place to place on the earth's surface arising from the spatial relationships of the phenomena which make up man's world. Geography courses in Arts will emphasize human geography—the study of where and how man lives and of his activities in relation to the environment.

Geography is being introduced in the Faculty of Arts in 1968, and second and third year courses are being planned for 1969 and 1970.

27.041 Geography IA

Treats the elements of geography with emphasis on human geography. Climate, shown as an expression of the energy balance of the atmosphere, provides a key to the major natural zones within which landforms, soils, and the major types of vegetation are studied. The ecosystem concept illustrates the interaction of physical and biological elements in this framework. The structure and patterns of the main types of agricultural and manufacturing production are discussed. Relationships between selected primitive societies and their environments are studied. The character, origins and functions of the main types of rural and urban settlements are reviewed. Transport and population geography are treated briefly. Interpretative regional studies of south-east Australia and south-east Asia serve to illustrate the interplay of geographic factors. Practical classes deal with the use of maps and air photos and with the analysis and illustration of geographic data.

Three one-day excursions are an essential part of the course.

TEXT BOOKS

- Hare, F. K. *The Restless Atmosphere*. Hutchinson.
 Strahler, A. N. *Physical Geography*. International edition. Wiley.
 Alexander, J. W. *Economic Geography*. Prentice-Hall..
 Forde, C. D. *Habitat, Economy, and Society*. Methuen Paperback.
 Chisholm, M. *Rural Settlement and Land Use*. Hutchinson.
 Estall, R. C. and Buchanan, R. O. *Industrial Activity and Economic Geography*. Hutchinson.
 Monkhouse, F. J. and Wilkinson, H. R. *Maps and Diagrams*. Methuen Paperback.
 Coggins, R. F. and Hefford, R. K. *The Practical Geographer*. 2nd ed. Longmans.

In addition, all students should possess a modern atlas such as Fullard, H. and Darby, H. C. *The University Atlas*, Philip, or *The Oxford Atlas*. O.U.P.

Students will be required to purchase topographic and geologic maps of the Sydney area.

REFERENCE BOOKS

- Wooldridge, S. W. and East, W. G. *The Spirit of Geography*. Hutchinson.
 Chorley, C. H. and Haggett, P. *Frontiers in Geographical Teaching*. Methuen.
 Tweedie, A. D. *Water and the World*. Nelson Paperback.

- Leeper, G. W. *Introduction to Soil Science*. Melbourne U.P.
- Odum, E. P. *Ecology*. Modern Biology Series.
- CSIRO. *The Australian Environment*. Melbourne U.P.
- Gourou, P. *The Tropical World*. Longmans.
- Mountjoy, A. B. *Industrialization and Under-Developed Countries*.
Hutchinson.
- Roepke, H. G. (ed.). *Readings in Economic Geography*. Wiley.
- Rutherford, J., Logan, M. I. and Missen, G. J. *New Viewpoints in
Economic Geography*. Martindale Press.
- Mayer, H. H. and Kohn, C. F. (eds.). *Readings in Urban Geography*.
Chicago U.P.
- Wagner, F. L. and Mikesell, M. W. *Readings in Cultured Geography*.
Chicago U.P.
- Fisher, C. A. *South-east Asia*. Methuen.
- Department of National Development. *Atlas of Australian Resources*.
- NOTE: Two Geography excursions must be attended, the cost being \$4.00.
Geography students will be required to purchase equipment and maps
for laboratory classes. Approximate cost: \$12.00.

GERMAN

Courses offered by the Department cover the language, literature and culture of Germany, Austria and Switzerland.

The linguistic part of the syllabus is designed to give a solid foundation of grammar, syntax, and vocabulary and lays particular stress on proficiency in comprehension (listening and reading) and speech (pronunciation and conversation). To this end, extensive use is made at all levels of oral practice in the language laboratory, both for grammar drill and for listening to performances of plays, prose and poetry readings. German literature is studied by means of representative texts, mainly from the eighteenth, nineteenth and twentieth centuries, beginning with the *Novelle* and continuing with drama, poetry, and the novel. **Parallel developments in** the visual arts and in music will also be discussed. Stress will be laid on cultural developments in present-day Germany and a survey will be made of the intellectual contribution Germany has made in the last two centuries, particularly in philosophy and political thought.

56.201 German IZ

For students who have little or no knowledge of the language but who have attained a second-level pass in a language other than English, unless the Head of the Department rules otherwise in special cases. Students who have studied German up to the Leaving Certificate, Higher School Certificate, or Matriculation levels may not be admitted to this course.

The course is intended to provide students with a sound basis of spoken and written German and to introduce them to German literature and culture. Students wishing to proceed to German IIZ are required to complete a programme of prescribed reading in the long vacation prior to enrolment.

TEXT BOOKS

(a) *Language*

Cassell's German and English Dictionary. Cassell, London.

Cochran, E. E. *A Practical German Review Grammar*. Prentice-Hall, 1963, New Jersey.

Ellert-Heller. *German ONE for Laboratory and Classroom*. Heath, 1965, Boston.

(b) *Literature*

Andersch, A. *Sensibar oder der letzte Grund*. Harrap, 1967, London.

Brecht, B. *Kalendergeschichten*. Rowohlt, 1953, Hamburg.

Farrell/Tisch/St. Leon/Stowell. *German-Speaking Countries Today and Yesterday*. Novak, 1966, Sydney.

Forster, L. *The Penguin Book of German Verse*. Penguin, 1965, Harmondsworth.

REFERENCE BOOKS

Bithell, J. *Germany. A Companion to German Studies*. Methuen, 1963, London.

Passant, E. J. *Short History of Germany 1815-1945*. Cambridge U.P.

56.211 German I

Three hours a week will be devoted to pronunciation, reading, comprehension, translation and composition, and two lectures a week to the analysis of prescribed literary texts. These serve as an introduction to a particular literary field, German prose of the last two centuries. In the third term there will also be an introduction to the poetry of Goethe.

Throughout the year, students will be required to submit translations and other written exercises, including three essays, one dealing with a prescribed text, one with an aspect of German culture, and one with the analysis of a poem.

TEXT BOOKS

(a) *Language*

Cassell's German and English Dictionary. Cassell, London.

A.L.M. German, Level III. Harcourt, Brace & World, 1964, New York.

Atkins, H. G. *A Skeleton German Grammar*. Blackie, 1962, London.

(b) *Literature*

Brecht, B. *Geschichten*. Suhrkamp, 1962, Frankfurt/M.

Brentano, C. *Gedichte, Erzählungen, Briefe*. Fischer, 1958, Frankfurt/M.

Goethe, J. W. v. *Gedichte I*. Fischer, Frankfurt/M.

Gotthelf, J. *Die schwarze Spinne*. Reclam, Stuttgart.

Kafka, F. *Das Urteil und andere Erzählungen*. Fischer, Frankfurt/M.

Keller, G. *Die Leute von Seldwyla, I*. Goldmann, Munich.

Kleist, H. v. *Erzählungen*, vol. 4 of *Sämtliche Werke*. Deutscher Taschenbuch-Verlag, Munich.

Mann, T. *Mario und der Zauberer*. Nelson, 1957, London.

Martini, F. *Geschichte der deutschen Literatur*. Kröner, 1966, Stuttgart.

REFERENCE BOOKS

Bithell, J. *Germany. A Companion to German Studies*. Methuen, 1963, London.

Duben. *Stilwörterbuch der deutschen Sprache*. Bibliographisches Institut, Mannheim.

Passant, E. J. *Short History of Germany 1815-1945*. Cambridge U.P.

Wiese, B. v. (ed.). *Die deutsche Novelle. Interpretationen*. Bagel, Düsseldorf.

56.202 German IIZ

For students who have passed German IZ (56.201) and who have completed the prescribed vacation reading. Literary work will be as for German I (56.211). The linguistic component will be similar to that of German I, but will be supplemented by an additional 30 hours of intensive language practice.

TEXT BOOKS

(a) *Language*

Cassell's German and English Dictionary. Cassell, London.

A.L.M. German, Level III. Harcourt, Brace & World, 1964, New York.

Cochran, E. E. *A Practical German Review Grammar*. Prentice-Hall, 1963, New Jersey.

(b) *Literature*

As for German I.

REFERENCE BOOKS

As for German I.

56.203 German IIZ (Honours)

Subjects covered in the Pass Course (German IIZ, 56.202), with further advanced language work and an analytical survey course on the development of German literature from 1750 to 1900. Students proceeding with German are required to complete a programme of prescribed reading in the long vacation.

TEXT BOOKS

As for German IIZ plus

Coogan/Kurz. *Auswahl deutscher Essays von Schopenhauer bis Frisch*. Appleton-Century-Crofts, 1966, New York.

REFERENCE BOOKS

As for German IIZ.

56.212 German II

For students who have passed German I (56.211). Language work will be mainly concerned with advanced linguistic and stylistic analysis of literary passages, practice in conversation and composition, and an introduction to the history of the German language. There will be two tutorials for language practice, a course of lectures on the German drama from Goethe to the present day, based on prescribed texts, and a course of lectures on the history and development of the drama and dramatic theory in Germany.

There will be weekly exercises on prescribed topics and three essays.

TEXT BOOKS

(a) *Language*

Schulz-Griesbach. *Grammatik der deutschen Sprache*. Hueber, 1963. Munich.

Coogan/Kurz. *Auswahl deutscher Essays von Schopenhauer bis Frisch*. Appleton-Century-Croft, 1966, New York.

(b) *Literature*

Brecht, B. *Die heilige Johanna der Schlachthöfe*. Suhrkamp, Frankfurt/M.

Büchner, G. *Leonce und Lena* and *Lenz*. Harrap, London.

Frisch, M. *Don Juan oder die Liebe zur Geometrie*. Suhrkamp, Frankfurt/M.

Goethe, J. W. v. *Werke*, vols. 3 and 5. Wegner, 1961, Hamburg.

Hauptmann, G. *Der Biberpelz*. Fischer, Frankfurt/M.

Hofmannsthal, H. v. *Der Schwierige*. Fischer, Frankfurt/M.

Kleist, H. v. *Sämtliche Werke*, vol. 3. Deutscher Taschenbuch-Verlag, Munich.

Schiller, F. v. *Wallenstein*. Rowohlt's Klassiker, 484/5, Rowohlt, Hamburg.

REFERENCE BOOKS

- Alewyn, R. *Über Hugo von Hofmannsthal*. Vandenhoeck & Ruprecht, Göttingen.
- Bänzinger, H. *Frisch und Dürrenmatt*. Francke, Berne.
- Blöcker, G. *Heinrich von Kleist oder das Absolute Ich*. Argon, Berlin.
- Brecht, B. *Schriften zum Theater*. Suhrkamp, Frankfurt/M.
- Esslin, M. *Bertolt Brecht, A Choice of Evils*. Eyre & Spottiswoode, 1959, London.
- Koch, F. *Heinrich von Kleist*. Metzler, Stuttgart.
- Korff, H. A. *Geist der Goethezeit*. Hirzel, Leipzig.
- Schultz, F. *Klassik und Romantik der Deutschen*. Metzler, Stuttgart.
- Storz, G. *Der Dichter Friedrich Schiller*. Klett, Stuttgart.
- Viëtor, K. *Georg Büchner*. Francke, Berne.
- Viëtor, K. *Goethe*. Francke, Berne.
- Wiese, B. v. (ed.). *Das deutsche Drama vom Barock bis zur Gegenwart. Interpretationen*. Bagel, Düsseldorf.

56.222 German II (Honours)

Subjects covered in the Pass Course (German II, 56.212), with further lectures on the later poetry of Goethe, prose works by Kleist and Büchner, and an introduction to Nietzsche's writings.

TEXT BOOKS

- Goethe, J. W. v. *Gedichte*, vols. 1 and 2. Fischer, 1965, Frankfurt/M.
- Kleist, H. v. *Sämtliche Werke*, vol. 4. Deutscher Taschenbuch-Verlag, Munich.
- Kleist, H. v. *Über des Marionettentheater*. Insel, Frankfurt/M.
- Nietzsche, F. *Werke in zwei Bänden*. Hanser, 1967, Munich.

REFERENCE BOOKS

- Blöcker, G. *Heinrich von Kleist oder das Absolute Ich*. Argon, Berlin.
- Heller, E. *The Disinherited Mind*. Penguin, Harmondsworth.
- Löwith, K. *Von Hegel zu Nietzsche*. Kohlhammer, Stuttgart.
- Martens, W. (ed.). *George Büchner*. Wissenschaftliche Buchgesellschaft, 1965, Darmstadt.
- Viëtor, G. *Goethe*. Francke, Berne.

56.213 German IIIA

The language course consists of advanced work in translation and an introduction to Middle High German and the history of the German language. Literature lectures will be given on the development of German poetry since Goethe and on the German novel, as well as a number of special topics: Music in German literature, the philosophical background of 18th Century literature, and the role of the "fool" in German Literature.

TEXT BOOKS

- Fontane, T. *Effi Briest*. Knaur, Munich.
 Goethe, J. W. v. *Die Leiden des jungen Werther*. Blackwell, Oxford.
 Hofmannsthal, H. v. *Gedichte*. Insel, Frankfurt/M.
 Hölderlin, F. *Gedichte*. Reclam, Stuttgart.
 Kafka, F. *Der Prozess*. Fischer, Frankfurt/M.
 Kirk, R. *An Introduction to the Historical Study of New High German*.
 Manchester University Press.
 Mann, T. *Der Zauberberg*. Fischer, Frankfurt/M.
 Mörike, E. *Erzählungen und Gedichte*. Knaur, Munich.
 Rilke, R. M. *Werke in drei Bänden*, vol. 1. Insel/Frankfurt/M.
 Trakl, G. *Dichtungen*. Müller, Salzburg.
 Wright, J. *A Middle High German Primer*. O.U.P., London.

REFERENCE BOOKS

- Alewyn, R. *Über Hugo von Hofmannsthal*. Vandenhoeck & Ruprecht,
 Göttingen.
 Beissner, F. *Hölderlin. Reden und Aufsätze*. Böhlau, Vienna/Cologne.
 Eichner, H. *Thomas Mann—eine Einführung in sein Werk*. Francke,
 Berne.
 Emrich, W. *Franz Kafka*. Athenäum, Frankfurt/M.
 Killy, W. *Über Georg Trakl*. Vandenhoeck & Ruprecht, Göttingen.
 Lukacs, G. *Deutsche Realisten des 19. Jahrhunderts*. Aufbau, Berlin.
 Mare, M. *Eduard Mörike: His Life and Work*. Methuen, London.
 Mason, E. C. *Rilke: Sein Leben und sein Werk*. Vandenhoeck & Ruprecht,
 Göttingen.
 Paul, H. *Mittelhochdeutsche Grammatik*. Niemeyer, Tübingen.
 Paul, H. *Prinzipien der Sprachgeschichte*. Niemeyer, Tübingen.
 Schöffler, H. *Deutscher Geist im 18. Jahrhundert*. Vandenhoeck &
 Ruprecht, Göttingen.
 Viëtor, K. *Der junge Goethe*. Francke, Berne.

56.223 German IIIA (Honours)

Subjects covered in the Pass Course (German IIIA, 56.213), with additional seminars on Goethe's novel *Die Wahlverwandtschaften*, Novalis, and the poetry of the German Baroque.

TEXT BOOKS

- Cysarz, H. (ed.). *Deutsche Barock-Lyrik*. Reclam, Stuttgart.
 Goethe, J. W. v. *Werke*, vol. 6. Wegner, Hamburg.
 Novalis. *Hymnen an die Nacht und Heinrich von Ofterdingen*. Gold-
 mann, Munich.

REFERENCE BOOKS

- François-Poncét, A. *Goethes Wahlverwandtschaften*. Kupferberg,
 Mainz.
 Schaefer, G. *Gott und Welt*. Schmidt, Berlin.
 Schöne, A. *Das Zeitalter des Barock. Texte und Zeugnisse*. Beck,
 Munich.
 Stenzel, G. (ed.). *Die deutschen Romantiker*. Bergland, Salzburg.

56.233 German IIIB

The language course consists of advanced work in translation and detailed analysis of short literary texts. Literature lectures will be given on the development of German drama since the 17th Century, with intensive study of a number of selected plays and essays.

TEXT BOOKS

- Brecht, B. *Die heilige Johanna der Schlachthöfe*. Suhrkamp, Frankfurt/M.
- Büchner, G. *Leonce und Lena* and *Lenz*. Harrap, London.
- Frisch, M. *Don Juan*. Suhrkamp, Frankfurt/M.
- Goethe, J. W. v. *Werke*, vols. 3 and 5. Wegner, Hamburg.
- Hauptmann, G. *Der Biberpelz*. Fischer, Frankfurt/M.
- Hofmannsthal, H. v. *Der Schwierige*. Fischer, Frankfurt/M.
- Kleist, H. v. *Werke*, vol. 5. Deutscher Taschenbuch-Verlag, Munich.
- Schiller, F. *Wallenstein*. Rowohlt's Klassiker, 484/5, Rowohlt, Hamburg.

REFERENCE BOOKS

- Alewyn, R. *Über Hugo von Hofmannsthal*. Vandenhoeck & Ruprecht, Göttingen.
- Banzinger, H. *Frisch und Dürrenmatt*. Francke, Berne.
- Blöcker, G. *Heinrich von Kleist oder das Absolute Ich*. Argon, Berlin.
- Brecht, B. *Schriften zum Theater*. Suhrkamp, Frankfurt/M.
- Esslin, M. *Bertolt Brecht, A Choice of Evils*. Ayre & Spottiswoode, 1959, London.
- Koch, F. *Heinrich von Kleist*. Metzler, Stuttgart.
- Korff, H. A. *Geist der Goethezeit*. Hirzel, Leipzig.
- Schultz, F. *Klassik und Romantik der Deutschen*. Metzler, Stuttgart.
- Storz, G. *Der Dichter Friedrich Schiller*. Klett, Stuttgart.
- Viëtor, K. *Georg Büchner*. Francke, Berne.
- Viëtor, K. *Goethe*. Francke, Berne.
- Wiese, B. v. (ed.). *Das deutsche Drama vom Barock bis zur Gegenwart. Interpretationen*. Bagel, Düsseldorf.

56.243 German IIIB (Honours)

Subjects covered in the Pass Course (German IIIB, 56.233), with additional seminars on Heine, the plays of Lessing, and Thomas Mann's *Doktor Faustus*.

TEXT BOOKS

- Heine, H. *Werke*. Tempel, Berlin.
- Lessing, G. E. *Nathan der Weise*. *Minna von Barnhelm*. Goldmann, Munich.
- Mann, T. *Doktor Faustus*. Fischer, Frankfurt/M.

REFERENCE BOOKS

Hofrichter, L. *Heinrich Heine*. O.U.P., London.

Lesser, J. *Thomas Mann in der Epoche seiner Volendung*. Desch
Munich.

Mann, O. *Lessing. Sein und Leistung*. Schröder. Hamburg.

Mann, T. *Die Entstehung des Doktor Faustus*. Fischer, Frankfurt/M.

56.214 German IV (Honours)

Students must select three topics from the following list. In addition,
a short thesis must be submitted.

- a. The 'Storm and Stress' movement.
- b. The later works of Goethe.
- c. Friedrich Hölderlin.
- d. The German novel of the 20th century.
- e. Rilke's *Sonette an Orpheus*.
- f. Expressionist Drama.
- g. The theatre of Bertolt Brecht.

HISTORY

51.111 History I—Europe: 1700-1945

This course is designed to survey the chief events in European History from the beginning of the eighteenth century to the Second World War, with emphasis on the theory and practice of the major ideologies.

TEXT BOOKS

- Anderson, M. S. *Europe in the Eighteenth Century: 1713-1783*. Longmans, 1963. London.
- Rude, G. *Revolutionary Europe: 1783-1815*. Fontana Paperback, 1964. London.
- Thomson, D. *Europe since Napoleon*. Pelican, 1966. London.
- Rowen, H. H. (ed.). *From Absolutism to Revolution: 1648-1848*. Macmillan, 1964. New York.
- Kohn, H. (ed.). *The Modern World: 1848 to the Present*. Macmillan, 1964. New York.
- Craig, G. A. *Europe Since 1914*. Holt, Rinehart and Winston, 1966. New York.

REFERENCE BOOKS

(a) *General*

- Carr, E. H. *What is History?* Pelican, 1964. London.
- The New Cambridge Modern History*. Vols. VII-XII.
- Heaton, H. *Economic History of Europe*. Harper, 1948. New York.

(b) *Special Aspects*

- Pinson, K. *Modern Germany*. Macmillan, 1961. New York.
- Seton-Watson, H. *The Decline of Imperial Russia*. University Paperback, 1964. London.
- Smith, D. Mack. *Italy: A Modern History*. Michigan U.P., 1959. Ann Arbor.
- Cobban, A. *A History of Modern France*. 3 vols. Penguin, 1957+. London.

(c) *Biographies*

- Markham, F. M. H. *Napoleon and the Awakening of Europe*. Teach Yourself Library, 1958. London.
- Taylor, A. J. P. *Bismarck*. Grey Arrow Paperback, 1961. London.
- Silone, I. *Mazzini*. Cassell's Living Thoughts Library, 1946. London.
- Berlin, I. *Karl Marx*. Home University Library, 1956. London.
- Feiling, K. G. *The Life of Neville Chamberlain*. Macmillan, 1946. London.
- Deutscher, I. *Stalin: A Political Biography*. Oxford U.P. Paperback, 1949. London.
- Bullock, A. *Hitler: A Study in Tyranny*. Pelican, 1962. London.
- Kirkpatrick, I. *Mussolini: Study of a Demagogue*. Odham, 1964. London.

51.112 History II—The Pacific and Australia: From the 17th Century to the 20th Century.

This course offers a history of the South Pacific area from the beginning of European penetration to the present day. It is concerned with the adjustment of migrant Europeans to new environments, their development of unique characteristics, and their emergence as national entities. It studies the impact of European civilisation upon indigenous island societies, and their progress towards self rule.

PRELIMINARY READING

- Blainey, Geoffrey. *The Tyranny of Distance*. Sun Books, 1966. Melbourne.
- Clark, C. M. H. *A Short History of Australia*. Mentor, 1963. New York.
- Crawford, R. M. *An Australian Perspective*. Melbourne U.P., 1960. Melbourne.
- Oliver, Douglas L. *The Pacific Islands*. Rev. ed., Doubleday, 1961. New York.
- Oliver, W. H. *The Story of New Zealand*. Faber, 1960. London.

TEXT BOOKS

- Clark, C. M. H. *Sources of Australian History*. Oxford U.P., 1957. London.
- Greenwood, G. (ed.). *Australia: a Social and Political History*. Angus & Robertson, 1955. Sydney.
- Morrell, W. P. *Britain in the Pacific Islands*. Clarendon, 1960. Oxford.
- Sinclair, Keith. *A History of New Zealand*. Oxford U.P., 1961. London.

REFERENCE BOOKS

- Austin, A. G. *Australian Education 1788-1900: Church, State and Public Education in Colonial Australia*. Pitman, 1961. Melbourne.
- Birch, A. and Macmillan, D. *The Sydney Scene 1788-1960*. Melbourne U.P., 1962. Melbourne.
- Bolton, G. C. *A Thousand Miles Away: a History of North Queensland to 1920*. Jacaranda, 1963. Brisbane.
- Chapman, Robert and Sinclair, Keith (eds.). *Studies of a Small Democracy*. Paul's Book Arcade, 1963. Auckland.
- Clark, C. M. H. *A History of Australia*. Vols. I & II, Melbourne U.P., 1962 and 1968. Melbourne.
- Clark, C. M. H. *Select Documents in Australian History 1788-1850*. Angus & Robertson, 1950. Sydney.
- Clark, C. M. H. *Select Documents in Australian History 1851-1900*. Angus & Robertson, 1955. Sydney.
- Condliffe, J. G. *New Zealand in the Making: a Study of Economic and Social Development*, 2nd ed., Allen & Unwin, 1959. London.
- Crowley, F. K. *Australia's Western Third: a History of Western Australia from the first settlements to modern times*. Macmillan, 1960. London.
- Dalton, B. J. *War and Politics in New Zealand 1855-1870*. Sydney U.P., 1967. Sydney.
- Davidson, J. W. *Samoa Mo Samoa: The Emergence of the Independent State of Western Samoa*. Oxford U.P., 1966. Melbourne.
- Drohan, N. T. and Day, J. H. *Readings in Australian Economics*. Cassell, 1965. Melbourne.

- Fitzhardinge, L. F. *William Morris Hughes: a Political Biography*. Vol. I, Angus & Robertson, 1964. Sydney.
- Gollan, R. *Radical and Working Class Politics: a Study of Eastern Australia*. Melbourne U.P., 1960. Melbourne.
- Gordon, D. C. *Dominion Partnership in Imperial Defense, 1870-1914*. Johns Hopkins Press, 1965. Baltimore.
- Grattan, C. H. *The Southwest Pacific to 1900: and The Southwest Pacific since 1900*. 2 vols. Michigan U.P., 1963. Ann Arbor.
- Harris, A. *Settlers and Convicts*. Melbourne U.P., 1964. Melbourne.
- Hudson, W. J. (ed.) *Towards a Foreign Policy*. Cassell, 1967. Melbourne.
- Keith, A. B. *Speeches and Documents on British Colonial Policy 1763-1917*. Oxford U.P., 1961. London.
- Kiddle, Margaret. *Men of Yesterday: a Social History of the Western District of Victoria, 1834-1890*. Melbourne U.P., 1961. Melbourne.
- La Nauze, J. A. *Alfred Deakin: a Biography*, 2 vols. Melbourne U.P., 1965. Melbourne.
- Loveday, P. and Martin, A. W. *Parliament, Factions and Parties: The First Thirty Years of Responsible Government in New South Wales, 1856-1887*. Melbourne U.P., 1966. Melbourne.
- Mansfield, B. E. *Australian Democrat. The Career of E. W. O'Sullivan 1846-1910*. Sydney U.P., 1965. Sydney.
- O'Farrell, P. J. *Harry Holland, Militant Socialist*. A.N.U., 1964. Canberra.
- Roberts, S. H. *The Squatting Age in Australia*. Melbourne U.P., 1964. Melbourne.
- Serle, Geoffrey. *The Golden Age: a History of the Colony of Victoria, 1851-1861*. Melbourne U.P., 1963. Melbourne.
- Shaw, A. G. L. *Convicts and Colonies*. Faber, 1966. London.
- Sutch, W. B. *The Quest for Security in New Zealand 1840-1966*. Oxford U.P., 1966. Wellington.
- Turner, Ian. *Industrial Labour and Politics*. A.N.U., 1965. Canberra.
- Ward, R. *The Australian Legend*. Oxford U.P., 1966. Melbourne.
- Watt, A. *The Evolution of Australian Foreign Policy 1938-1965*. Cambridge U.P., 1966. Cambridge.
- West, Francis. *Sir Hubert Murray: the Australian Pro-Consul*. Oxford U.P., 1967. Melbourne.
- Yarwood, A. T. *Asian Migration to Australia: the Background to Exclusion 1896-1923*. Melbourne U.P., 1964. Melbourne.

51.122 History II (Honours)—Nationalism and Imperialism in Australian History, 1850-1921.

This course will comprise a series of seminars on the complementary topics of nationalism and imperialism in Australian history. The class will discuss theoretical explanations of nationalism and imperialism and examine their manifestations in the 19th Century. This conceptual framework will then be used to study the operation of these forces in Australian history from c. 1850 to 1931. Students intending to take the course should consult the School for reading lists, seminar topics and examination requirements.

51.113 History IIIA—East Asia: from the 17th Century to the 20th century.

The aim of this course is to familiarise the student with the modern historical development of the area known as East Asia. Although the focus is on China, and to a lesser degree on Japan, some considerations will be given to the peripheral lands into which the cultural and political influence of China spread, namely, Korea, Central Asia and Vietnam.

About one-third of the course will be concerned with the study of traditional Chinese society as it assumed final shape during the Ch'ing (1644-1911) dynasty. East Asia, which had previously remained largely self-contained, began during the nineteenth century to undergo a profound cultural, social, political, and economic transformation, largely due to the impact of Western Europe. About one-third of the course will deal with the problems which the challenge of Western European, Russian, and American expansion posed for the traditional societies of China and Japan, and the manner in which the two countries responded to them. The remainder of the course will concern itself with East Asia in the twentieth century (China to 1949; Japan to 1945).

TEXT BOOKS

- Beckmann, George M. *The Modernization of China and Japan*. A Harper International Student Reprint, 1965.
- Bodde, Derk. *China's Cultural Traditions: What and Whither?* Rinehart, 1959. New York.
- Creel, A. G. *Chinese Thought from Confucius to Mao Tse-tung*. University Paperback, 1962. London.
- Fitzgerald, C. P. *The Birth of Communist China*. Pelican, 1964. Middlesex.
- Loewe, Michael. *Imperial China: The Historical Background to the Modern Age*. Allen & Unwin, 1966. London.
- Meskill, John (ed.). *The Pattern of Chinese History: Cycles, Development, or Stagnation?* D. C. Heath: **Problems in Asian Civilisations**, 1965. Boston.
- Storry, Richard. *A History of Modern Japan*. Pelican, 1960. Middlesex.

REFERENCE BOOKS

(a) General

- Brandt, Conrad, Schwartz, B. I., and Fairbank, J. K. *A Documentary History of Chinese Communism*. Allen & Unwin, 1952. London.
- Clubb, O. Edmund. *Twentieth Century China*. Columbia U.P., 1964. New York & London.
- Clyde, P. H. *The Far East*. 3rd ed., Prentice-Hall, 1958. Englewood Cliffs, N.J.
- Eudin, X. J. and North, R. C. *Soviet Russia and the East, 1920-1927: A Documentary Survey*. Stanford U.P., 1957. Stanford.
- Fairbank, J. K. and Reischauer, E. O. *East Asia: The Great Tradition*. Allen & Unwin, 1960. London.
- Fairbank, J. K., Reischauer, E. O. and Craig, A. M. *East Asia: The Modern Transformation*. Allen & Unwin, 1965. London.

- Hummel, A. W. (ed.). *Eminent Chinese of the Ch'ing Period (1644-1912)*. 2 vols. Government Printing Office, 1944, Washington, D.C.
Repr. 1 vol. Literature House, 1964. Taipei.
- Linebarger, P. M., Chu, Djang, and Burks, A. W. *Far Eastern Government and Politics: China and Japan*. Van Nostrand, 1954. New York.
- MacNair, N. F., and Lach, D. F. *Modern Far Eastern International Relations*. Van Nostrand, 1955. New York.
- Michael, Franz, and Taylor, G. E. *The Far East in the Modern World*. Holt, Rinehart & Winston, 1964, New York.
- Teng Ssu-yu, and Fairbank, J. K. *China's Response to the West; a Documentary Survey, 1839-1923*. Harvard U.P., 1954. Cambridge, Mass.
- Vinacke, H. M. *A History of the Far East in Modern Times*. 6th ed., Allen & Unwin, 1960. London.

(b) *Special Aspects*

- Allen, G. C., and Donnithorne, A. G. *Western Enterprise in Far Eastern Economic Development*. Allen & Unwin, 1954. London.
- Banno, Masataka. *China and the West 1858-1861: Origins of the Tsungli Yamen*, Harvard U.P., 1964. Harvard.
- Borton, Hugh. *Japan's Modern Century*. The Ronald Press, 1955. New York.
- Boxer, C. R. *The Christian Century in Japan*. California U.P., 1951. Berkeley.
- Cameron, M. E. *The Reform Movement in China, 1898-1912*. Octagon Books, 1963. New York.
- Chang, Chung-li. *The Chinese Gentry*. Washington U.P., 1955. Seattle.
- Chow, Tse-tsung. *The May Fourth Movement*. 2 vols. Harvard U.P., 1960 and 1963. Cambridge, Mass.
- Cohen, P. A. *China and Christianity: The Missionary Movement and the Growth of Chinese Anti-foreignism, 1860-1870*. Harvard U.P., 1963. Cambridge, Mass.
- Cowan, C. D. (ed.). *The Economic Development of China and Japan*. Studies in Modern Asia and Africa No. 4, Allen & Unwin, 1964. London.
- Fairbank, J. K. *Trade and Diplomacy on the China Coast*. 2 vols. Harvard U.P., 1953. Cambridge, Mass.
- Feuerwerker, Albert. *China's Early Industrialization: Sheng Hsuan-huai (1844-1916) and Mandarin Enterprise*. Harvard U.P., 1958. Cambridge, Mass.
- Hu, Sheng. *Imperialism and Chinese Policies*. Foreign Languages Press, 1955. Peking.
- Isaacs, H. R. *The Tragedy of the Chinese Revolution*. Stanford U.P., 1961. Stanford, Calif.
- Levenson, J. R. *Confucian China and its Modern Fate*. 3 vols. California U.P., 1958-1965. Berkeley, Calif.
- Lattimore, Owen. *Inner Asian Frontiers of China*. Beacon Paperback, 1962. New York.
- Li, Chien-nung. *The Political History of China, 1840-1928*. Van Nostrand, 1956. New York.
- Lockwood, W. W. *The Economic Development of Japan: Growth and Structural Change, 1868-1938*. California U.P., 1953. Berkeley.

- Michael, F. *The Taiping Rebellion*, Vol. I, The History, Washington U.P., 1965. Seattle & London.
- Needham, N. J. T. M. *Science and Civilization in China*, Vols. I and II. Cambridge U.P., 1954. Cambridge.
- Norman, E. H. *Japan's Emergence as a Modern State*. Publication of the Institute of Pacific Relations, 1940. New York.
- North, R. C. *Moscow and Chinese Communists*. 2nd ed. Stanford Paperback, 1963. Stanford, Calif.
- Rowbotham, Arnold H. *Missionary and Mandarin: Jesuits at the Court of China*. Berkeley. 1942. Los Angeles.
- Sansom, G. B. *The Western World and Japan*. Knopf, 1950. New York.
- Schwartz, B. I. *Chinese Communism and the Rise of Mao*. Harvard U.P., 1951. Cambridge, Mass.
- Shih, Vincent Y. C. *The Taiping Ideology*. Washington U.P., 1966. Seattle & London.
- Storry, Richard. *The Double Patriots*. Chatto & Windus, 1957. London.

(c) *Biographies*

- Ch'en, Jerome. *Mao and the Chinese Revolution*. Oxford U.P., 1965. London.
- Ch'en, Jerome. *Yuan Shih-k'ai, 1859-1916*. Stanford U.P., 1961. Stanford, Calif.
- Chu, Samuel C. *Reformer in Modern China, Chang Chien 1853-1926*. Columbia U.P., 1965. New York & London.
- Fukuzawa, Yukichi. *Autobiography of Fukuzawa Yukichi, 1835-1901*, trans. E. Kiyooka, 1934. Tokyo.
- Hahn, Emily. *Chiang Kai-shek, an Unauthorized Biography*. Doubleday. 1955. Garden City.
- Hsueh Chun-tu. *Huang Hsing and the Chinese Revolution*. Stanford U.P., 1961. Stanford, Calif.
- Levenson, J. R. *Liang Ch'i-ch'ao and the Mind of Modern China*. Harvard U.P., 1953. Cambridge, Mass.
- Schwartz, B. I. *In Search of Wealth and Power: Yen Fu and the West*. Harvard U.P., 1964. Cambridge, Mass.
- Sharman, L. *Sun Yat-sen: His Life and its Meaning*. Anchor Books, 1965. Hamden, Conn.
- Snow, Edgar. *Red Star Over China*. Grove Press, 1961. New York.

51.123 History IIIA (Honours)—Japan and China: 1914-1945

This course will consist of a special study of Sino-Japanese relations from the outbreak of the First World War to the end of the Second World War, superimposed upon the History IIIA Pass Course. Students intending to take the course should consult the School for reading lists, seminar topics and examination requirements.

51.133 History IIIB—The Americas: From the 15th Century to the 20th Century

The aim of this course is to familiarize the student with the modern historical development of the United States and the countries of Latin America. Although some consideration will be given to the history of these areas during and immediately after their colonial period, the main emphasis of the course will be upon political, social and economic

developments since 1826, when the political separation of most of America from Europe was completed.

The major emphasis of the course will be on the history of the United States, and an attempt will be made to explain how, why, when and with what results thirteen English colonies were consolidated into a single, powerful, industrial nation. The remainder of the course will deal with Latin America, and will consider the reasons for and results of its fragmentation into twenty separate, independent, comparatively weak and predominantly agricultural nations.

Although the history of each area will be treated as a separate entity, an attempt will be made to show the political and economic effects which each has had upon the other — from the promulgation of the Monroe Doctrine in 1823 to the Organization of the American States in 1948 — and the ways in which both regions have affected, and been affected by, developments in the wider world.

TEXT BOOKS

Commager, H. S. (ed.), *Documents of American History 1492-1949*. 7th ed., Appleton-Century-Crofts, 1963. New York.

Fine, S., and Brown, G. S. (eds.), *The American Past: Conflicting Interpretations of the Great Issues*. 2 vols. 2nd ed., Macmillan, 1965. New York.

Fagg, John E. *Latin America: a general history*. Macmillan, 1963. New York.

or

Herring, Hubert. *A History of Latin America from the Beginnings to the Present*. 2nd ed., Knopf, 1961. New York.

Nye, R. B., and Morpurgo, J. E. *A History of the United States*. 2 vols. Penguin, 1955. Middlesex.

Pendle, George. *A History of Latin America*. Penguin, 1963. Middlesex.

REFERENCE BOOKS

(a) General

Bailey, H. M., and Nasatir, A. P. *Latin America: the development of its civilization*. Constable, 1960. London.

Bernstein, Harry. *Modern and Contemporary Latin America*. Russell, 1965. New York.

Dozer, Donald M. *Latin America: an interpretive history*. McGraw-Hill, 1962. New York.

Grob, Gerald N., and Billias, George A. (eds.), *Interpretations of American History*. 2 vols. Free Press, 1967. New York.

Higham, J. (ed.), *The Reconstruction of American History*. Hutchinson, 1962. London.

Leopold, R. W., and Link, A. S. (eds.), *Problems in American History*. 2nd ed., Prentice-Hall, 1960. New Jersey.

Lerner, Max. *America as a Civilization*. 2 vols. Simon and Shuster, Paperback ed., 1963. New York.

Manning, T. G., and Potter, D. M. *Nationalism and Sectionalism in America 1775-1877, and Government and the American Economy 1870-Present. Select Problems in Historical Interpretation*. Holt, 1949. New York.

Morison, S. E., and Commager, H. S. *The Growth of the American Republic*. 2 vols. 4th ed. Oxford U.P., 1962. New York.

- Rippy, J. Fred. *Latin America: A Modern History*. Michigan U.P., 1958. Ann Arbor.
- University of Chicago. *The People Shall Judge: Readings in the Formation of American Policy*. Selected and edited by the Staff, Social Sciences I. the College of the University of Chicago, 2 vols. Chicago U.P., 1953-54. Chicago.
- Van Deusen, Glyndon G., and Bass, Herbert J. (eds.). *Readings in American History*, 2 vols. Macmillan, 1963. New York.
- Wilgus, A. C. (ed.). *Readings in Latin American Civilization*. Barnes and Noble, 1946. New York.

(b) *Special Aspects*

- Alden, John R. *Pioneer America*. Hutchinson, 1966. London.
- Aptheker, Herbert (ed.). *A Documentary History of the Negro People in the United States*. Citadel Press, 1962. New York.
- Beard, Charles A. *An Economic Interpretation of the Constitution of the United States*. Free Press, 1965. New York.
- Boorstin, D. J. *The Americans: The Colonial Experience*. Random House, 1958. New York.
- Burns, E. Bradford (ed.). *A Documentary History of Brazil*. Knopf, Borzoi Book, 1966. New York.
- D'Antonio, W. V., and Pike, F. B. (eds.). *Religion, Revolution and Reform: New Forces for Change in Latin America*. Burns and Oates, 1964. London.
- Diaz, Bernal. *The Conquest of New Spain*. Translated with an Introduction by J. M. Cohen. Penguin Classic, 1963. Middlesex.
- Diffie, Bailey, C. *Latin American Civilization: Colonial Period*. Stackpole, 1947. Harrisburg, Penn.
- Dozer, Donald Marquand (ed.). *The Monroe Doctrine: its modern significance*. Knopf, Borzoi Book, 1965. New York.
- Freyre, Gilberto de Mello. *The Masters and Slaves . . . A Study in the Development of Brazilian Civilization*. Knopf, Borzoi Book, 1964. New York.
- Goldman, Eric F. *Rendezvous with Destiny. A History of Modern American Reform*. Vintage, 1959. New York.
- Hanke, Lewis. *The Spanish Struggle for Justice in the Conquest of America*. Oxford U.P., 1949. London.
- Hanke, Lewis (ed.). *Do the Americans have a common history? A Critique of the Bolton Theory*. Knopf, Borzoi Book, 1964. New York.
- Haring, C. H. *The Spanish Empire in America*. Harbinger, 1963. New York.
- Hofstadter, Richard. *The American Political Tradition and the men who made it*. Knopf, 1957. New York.
- Humphreys, R. A. *The Evolution of Modern Latin America*. Oxford U.P., 1946. London.
- Humphreys, R. A., and Lynch, J. (eds.). *The Origins of the Latin American Revolutions, 1808-26*. Knopf, 1966. New York.
- Mitchell, B., and Mitchell, L. P. *A Biography of the Constitution of the United States*. Oxford U.P., 1964. New York.
- Morgan, Edmund S. *The American Revolution: Two Centuries of Interpretation*. Prentice-Hall. Spectrum Book, 1965. New Jersey.

- Nichols, Roy F. *The Stakes of Power 1845-1877*. Macmillan, 1965. New York.
- Parry, J. H. *The Spanish Seaborne Empire*. Hutchinson, 1966. London.
- Pressley, Thomas J. *Americans Interpret Their Civil War*. Free Press Paperback, 1962. New York.
- Rozwenc, E. C. *The Causes of the American Civil War*. D. C. Heath: *Problems in American Civilization*, 1961. Boston.
- Schlesinger, A. M. Jr. *The Age of Roosevelt*. 3 vols. Heinemann, 1957-61. London.
- Schneider, R. M. *An Atlas of Latin American Affairs*. Praeger, 1965. New York.
- Stampp, K. M. *The Peculiar Institution*. Knopf, 1956. New York.
- Turner, F. J. *The Frontier in American History*. Holt, Rinehart and Winston, Paperback ed., 1962. New York.
- United States Bureau of the Census. *Historical Statistics of the United States. Colonial times to 1957*. A Statistical Abstract Supplement. Prepared with the co-operation of the Social Science Research Council, 1960, Washington.
- Ver Steeg, Clarence L. *The Formative Years 1607-1763*. Macmillan, 1965. London.
- Wahlke, J. C. (ed.). *The Causes of the American Revolution*. D. C. Heath: *Problems in American Civilization*, 1962. Boston.
- Whitaker, A. P. *The U.S. and the Independence of Latin America 1800-30*. Norton, 1964. New York.
- Wiltse, C. M. *The New Nation 1800-1845*. Macmillan, 1965. London.
- Wright, Esmond. *Fabric of Freedom 1763-1800*. Macmillan, 1965. London.
- (c) *Biographies*
- Caruso, J. A. *The Liberators of Mexico*. Pageant Press, 1954. New York.
- Concise Dictionary of American Biography*. Charles Scribner's Sons, 1964. New York.
- Franklin, Benjamin. *Autobiography of Benjamin Franklin*. Yale U.P., 1964. New Haven.
- Hilton, Ronald (ed.). *Who's Who in Latin America*. 7 vols. Oxford U.P., 1945-51. London.
- Jefferson, Thomas. *The Life and Selected Writings*. Modern Library, 1944. New York.
- Lincoln, Abraham. *The Life and Writings of Abraham Lincoln*. Ed. by Philip van Doren, Modern Library, 1940. New York.
- MacGregor Burns, James. *Roosevelt: The Lion and the Fox*. Harcourt, Brace & World, 1957. New York.
- Masur, Gerhard. *Simon Bolivar*. Mexico U.P., 1948. Albuquerque, New Mexico.
- Mitchell, B. *Alexander Hamilton, 1755-1804*. 2 vols. Macmillan, 1957-1962. New York.
- Randall, J. G. *Lincoln the President*. 4 vols. Dodd, Mead, 1945-1955. New York.
- Rosenman, S. I. (ed.). *The Public Papers and Addresses of Franklin D. Roosevelt*. 4 vols. Macmillan, 1941. London.
- Trend, J. B. *Bolivar and the Independence of Spanish America*. Hodder & Stoughton, Teach Yourself Library, 1946. London.
- Truman, H. S. *Memoirs*. 2 vols. Doubleday, 1955-1956. New York.

51.143 History IIIB (Honours)— The American Revolution and the Federal Constitution: 1764-1788

This course will consist of a special study of the American Revolution and its aftermath, superimposed upon the History IIIB Pass Course. Students intending to take the course should consult the School for reading lists, seminar topics and examination requirements.

51.114 History IV (Honours)

- (a) Honours students in their final year are required to prepare a thesis of not more than 20,000 words, which must be submitted before the Final Examinations in November.
- (b) Students will be required to select two seminar courses from the following:—(a) European History (History IVA); (b) British History (History IVB); (c) International History (History IVC).

HISTORY IVA—EUROPEAN HISTORY: Medieval Europe: 800-1300

Covers the period from Charlemagne to Dante. Develops the theme of the Medieval Age, as it has affected European development since the Seventeenth Century, and deals with the origins, nature and development of such institutions as:

Feudalism and its effect on political, social and agrarian organization. *Monarchy*, and its development from personal through household to constitutional government. *Parliament*, in its remote origins, i.e., up to c. 1300. *Medieval Law*, and its system of courts. *The University*, its origins, organization and curriculum. *The Church*, and the common heritage of Western Christendom prior to the Reformation divisions.

HISTORY IVB—BRITISH HISTORY: The Irish Question in British Politics: 1800-1921.

Examines the relationship between England and Ireland from the Act of Union (1800) to the Anglo-Irish Treaty (1921). Devotes particular attention to the evolution of British policy and opinion in response to various Irish pressures for a greater degree of autonomy. Studies the nature of the Irish question in its constitutional, political, economic and religious aspects, up to 1870. Major emphasis on period from 1870 to 1916, on the Home Rule movement as a factor in British politics, and will devote special attention to the careers of Gladstone and Parnell. Finally a study of British attempts to deal with the revolutionary situation of 1916-1921, and an evaluation of the Anglo-Irish treaty as an endeavour to settle the Irish question.

HISTORY IVC—INTERNATIONAL HISTORY: The New Face of Nationalism: 1945-1965.

Examines the degree to which traditional nationalism has survived ideological and institutional pressures towards internationalism. **Includes Europe**—1945 situation; loss of empire; effects of Cold War bi-polarity; internal unity pressures; solidarity achieved; remnants of nationalism. **Communist System**—World War II gains; period of Soviet hegemony; international forms; emergence of pluralism; Sino-Soviet division. **Third World**—decolonisation; artificial nationalism; common purpose; Bandung peak; retreat to nationalism. **United Nations**—case study: Congo operation.

ITALIAN

(Offered by the Department of Italian, University of Sydney).

Preliminary Italian

Italian I

Italian II

Italian III

Details of these courses may be obtained from the Professor of Italian at the University of Sydney.

MATHEMATICS AND STATISTICS

The following table sets out sequences of courses which are approved for students who wish to major in Pure Mathematics or the Theory of Statistics. Other programmes may also be approved.

Course Stage	Pure Mathematics Major	Theory of Statistics Major
Course I	10.001 Mathematics I <i>or</i> 10.011 Higher Mathematics I	10.001 Mathematics I <i>or</i> 10.011 Higher Maths. I
Course II (Pass)	10.111 Pure Mathematics II <i>and either</i> 10.211 Applied Mathematics II <i>or</i> 10.311 Theory of Statistics I	10.311 Theory of Statistics I <i>and</i> 10.111 Pure Mathematics II
Course II (Honours)	10.121 Pure Mathematics II (Higher) <i>and either</i> 10.221 Applied Mathematics II (Higher) <i>or</i> 10.321 Theory of Statistics II (Higher)	10.321 Theory of Statistics I (Higher) <i>and</i> 10.121 Pure Mathematics II (Higher)
Course IIIA (Pass)	10.112 Pure Mathematics III	10.312 Theory of Statistics II
Course IIIB (Pass)	10.212 Applied Mathematics III <i>or</i> 10.312 Theory of Statistics II	10.112 Pure Mathematics III
Course IIIA (Honours)	10.122 Pure Mathematics III (Higher)	10.322 Theory of Statistics II (Higher)
Course IIIB (Honours)	10.222 Applied Mathematics III (Higher) <i>or</i> 10.322 Theory of Statistics II (Higher)	10.122 Pure Mathematics III (Higher)
Course IV	10.123 Pure Mathematics IV	10.323 Theory of Statistics III

MATHEMATICS

10.001 Mathematics I

A first year course in Mathematics. Calculus, analysis, analytic geometry, linear algebra, an introduction to abstract algebra, an introduction to computer programming.

TEXT BOOKS

Beaumont, R. A. and Pierce, R. S. *The Algebraic Foundations of Mathematics*. Addison-Wesley.

Purcell, E. J. *Calculus with Analytic Geometry*. Appleton-Century-Crofts.

REFERENCE BOOKS

Ball, R. W. *Principles of Abstract Algebra*. Holt, Rinehart and Winston.

Coulson, A. E. *An Introduction to Matrices*. Longmans.

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.

Shanahan, P. *Introductory College Mathematics*. Prentice-Hall.

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.

10.011 Higher Mathematics I

TEXT BOOKS

Courant, R. and John, F. *Introduction to Calculus and Analysis*. Wiley.

Blank, A. A. *Problems in Calculus and Analysis*. Wiley.

Beaumont, R. A. and Pierce, R. S. *The Algebraic Foundations of Mathematics*. Addison-Wesley.

REFERENCE BOOKS

As for 10.001 Mathematics above.

10.021 Mathematics II

TEXT BOOK

Purcell, E. J. *Calculus with Analytic Geometry*. Appleton-Century-Crofts.

REFERENCE BOOKS

Allendoerfer, G. B. and Oakley, C. O. *Fundamentals of College Algebra*. McGraw-Hill.

- Fine, N. J. *Introduction to Modern Mathematics*. Rand McNally & Co.
 Johnson, W. G. and Zaccaro, L. N. *Modern Introductory Mathematics*.
 McGraw-Hill.
 Nahikian, H. M. *Topics in Modern Mathematics*. Macmillan.

10.111 Pure Mathematics II

Real and complex analysis. Differential equations. Linear Algebra.
 Vector analysis. Fourier analysis. Special functions.

TEXT BOOKS

- Protter, M. H. and Morrey, C. B. *Modern Mathematical Analysis*. (Addison-Wesley).
 Churchill, R. V. *Introduction to Complex Variables and Applications*.
 McGraw-Hill International Students' Edition.

REFERENCE BOOKS

- Burkill, J. C. *Theory of Ordinary Differential Equations*. Oliver and Boyd.
 Churchill, R. V. *Modern Operational Methods in Engineering*. McGraw-Hill.
 Keane, A. *Integral Transforms*. Science Press.
 Paige, L. J. and Swift, J. D. *Elements of Linear Algebra*. Ginn.
 Pierce, B. O. *A Short Table of Integrals*. Ginn.
 Silverman, R. A. *Introductory Complex Analysis*. Prentice-Hall.

10.121 Pure Mathematics II (Higher)*

Vector analysis. Real variable theory. Topology. Algebra. Differential equations. Geometry. Calculus. Complex analysis.

TEXT BOOKS

- Estermann, T. *Complex Numbers and Functions*. Athlone.
 Goldberg, R. R. *Methods of Real Analysis*. Blaisdell.
 Kuiper, N. H. *Linear Algebra and Geometry*. North Holland.

REFERENCE BOOKS

- Birkhoff, C. and MacLane, S. *A Survey of Modern Algebra*. Macmillan
 Burkill, J. C. *Theory of Ordinary Differential Equations*. Oliver and Boyd.
 Jacobson, W. *Lectures in Abstract Algebra (Vols. I and II.)* Van Nostrand.
 Kaplan, W. *Advanced Calculus*. Addison-Wesley.
 Nickerson, H. K., Steenrod, N. E. and Spencer, G. L. *Advanced Calculus*. Van Nostrand.
 Van der Waerden, B. L. *Modern Algebra*. Ungar.

*May not be offered in 1968.

10.112 Pure Mathematics III

Algebra. Differential geometry. Foundations of mathematics. Partial differential equations. Hilbert and Banach spaces. Number theory and combinatorial analysis.

TEXT BOOKS

- Griffin, H. *Elementary Theory of Numbers*. McGraw-Hill International Students Edition.
- Miller, K. S. *Elements of Modern Abstract Algebra*. Harper International Students Reprint.
- Ryser, H. *Combinatorial Analysis*. Cerus Monograph Series, Wiley.
- Simmons, G. P. *Introduction to Topology and Modern Analysis*. McGraw-Hill International Students Edition.
- Willmore, J. J. *An Introduction to Differential Geometry*. (Oxford University Press.)

REFERENCE BOOKS

- Birkhoff, G. S. and Rota, G. C. *Ordinary Differential Equations*. Ginn and Co.
- Carlaw, H. S. and Jaegar, J. *Operational Methods in Applied Mathematics*. Dover.
- Hall, M. *Combinatorial Analysis*. Blaisdell.
- Hurewicz, W. *Lectures on Ordinary Differential Equations*. Wiley.
- Sneddon, I. N. *Elements of Partial Differential Equations*. McGraw-Hill.
- Van der Waerden, B. L. *Modern Algebra*. Ungar.

10.122 Pure Mathematics III (Higher)

Real variable theory. Measure and integration. Complex variable theory. Differential geometry and tensors. Group theory. Algebra. Topology, general and algebraic. Algebraic geometry. Partial differential equations. Foundations of mathematics.

TEXT BOOKS

- Herstein, I. N. *Topics in Algebra*. Blaisdell.
- Cartan, H. *Elementary Theory of Analytic Functions of One or Several Complex Variables*. Addison Wesley.
- Rudin, W. *Real and Complex*. McGraw-Hill, 1966.
- Sneddon, I. N. *Elements of Partial Differential Equations*. McGraw-Hill.
- Willmore, J. J. *An Introduction to Differential Geometry*. Oxford.

REFERENCE BOOKS

- Ahlfors, L. V. *Complex Analysis*. McGraw-Hill.
- Bateman, H. *Partial Differential Equations*. Cambridge University Press.
- Birkhoff, G. S. *Ordinary Differential Equations*. Ginn and Co.

- Coppel, W. A. *Stability and Asymptotic Behaviour of Differential Equations*. Heath.
- Dugundji, J. *Topology*. Allyn and Bacon.
- Hu, S. T. *Elements of General Topology*. Holden Day.
- Hurewicz, W. *Lectures on Ordinary Differential Equations*. Wiley.
- Ince, E. L. *Ordinary Differential Equations*. Dover.
- Kelley, J. L. *General Topology*. Van Nostrand.
- Lang, S. *Algebra*. Addison Wesley.
- Titchmarsh, E. C. *Theory of Functions*. Oxford University Press.
- Van der Waerden, B. C. *Modern Algebra*. Ungar.
- Webster, A. C. *Partial Differential Equations in Mathematical Physics*. Dover.

10.123 Pure Mathematics IV (Honours)

Selected topics for students planning to graduate with honours.

10.211 Applied Mathematics II

Mathematical Methods: linear vector spaces and linear operators, eigenvalues and eigenfunctions, differential equations and boundary problem, special functions. Mechanics: dynamics of particles and rigid bodies, with emphasis on those aspects of the subject which form a background for modern atomic theory. Vector Analysis and Hydrodynamics: vector algebra, scalar and vector product, vector fields, gradient, divergence, curl, Gauss', Green's and Stokes' theorems, curvilinear coordinates, equations for incompressible flow in 2 and 3 dimensions; methods of solution, introduction to hydrodynamics of compressible and viscous fluids.

TEXT BOOKS

- Halfman, R. L. *Dynamics, Particles, Rigid Bodies and Systems*. Vol. 1.
- Rutherford, D. E. *Fluid Dynamics*. Oliver and Boyd, 1959.

REFERENCE BOOKS

- Conte, S. D. *Elementary Numerical Analysis*. McGraw-Hill, 1965.
- Dettman, J. W. *Mathematical Methods in Physics and Engineering*. McGraw-Hill, 1962.
- Fowles, G. R. *Analytical Mechanics*. Holt, Rinehart and Winston. New York, 1962.
- Ralston, A. *A First Course in Numerical Analysis*. McGraw-Hill, 1965.
- Shilov, G. *An Introduction to the Theory of Linear Spaces*. Prentice-Hall, 1964.

10.221 Applied Mathematics II (Higher)

As for Applied Mathematics II, but in greater depth and including Boltzmann transport equation and applications.

TEXT BOOKS

- McCuskey, S. W. *Introduction to Advanced Dynamics*. Addison Wesley, 1959.
 Rutherford, D. E. *Fluid Dynamics*. Oliver and Boyd, 1959.
 Huang, K. *Statistical Mechanics*. Wiley, 1963.

REFERENCE BOOKS

- Becker, R., and Sauter. *Electromagnetic Fields and Interactions*, Vol. I. Blackie, 1964.
 Dettman, J. W. *Mathematical Methods in Physics and Engineering*. McGraw-Hill, 1962.
 Goldstein, H. *Classical Mechanics*. Addison-Wesley, 1959.
 Landau, L. D., and Lifshitz, E. M. *Fluid Mechanics*. Pergamon, 1963.
 Shilov, G. *An Introduction to the Theory of Linear Spaces*. Prentice-Hall, 1964.

10.212 Applied Mathematics III

Mathematical Methods: functions of a complex variable, contour integration, Fourier, Laplace and Mellin transforms, solution of ordinary and partial differential equations. Asymptotic expansions. Numerical Analysis: polynomial approximation, interpolation and extrapolation, numerical quadrature, solution of ordinary differential equations, sets of linear equations, matrix eigenvalues and eigenvectors, boundary value problems, partial differential equations. Maxwell Equations: physical basis for Maxwell equations, electromagnetic waves, cavities and wave guides. Quantum Theory: review of physical basis for quantum mechanics, general formalism, approximation methods, bound systems, scattering problems.

TEXT BOOKS

- Conte, S. D. *Elementary Numerical Analysis*. McGraw-Hill, 1965.
 Becker, R., and Sauter. *Electromagnetic Fields and Interactions*, Vol. I. Blackie, 1964.
 Schiff, L. I. *Quantum Mechanics*. McGraw-Hill International Student Edition, 2nd ed., 1955.

REFERENCE BOOKS

- Bullen, K. E. *Introduction to the Theory of Seismology*. C.U.P., 1947.
 Courant, R., and Hilbert, D. *Methods of Mathematical Physics*, Vol. I. Interscience, 1953.
 Feller, W. *An Introduction to Mathematical Probability and its Applications*. Wiley, 1957.
 Jackson, J. D. *Classical Electrodynamics*. Wiley, 1962.
 Landau, L. D. and Lifshitz, E. M. *Quantum Mechanics*. Pergamon, 1959.
 Lighthill, M. J. *Fourier Analysis and Generalised Functions*. C.U.P. Paperback, 1962.
 Merzbacher, E. *Quantum Mechanics*. Wiley Toppan 1961.
 Messiah, A. *Quantum Mechanics*, Vols. I, II. North Holland, 1964.
 Ralston, A. *A First Course in Numerical Analysis*. McGraw-Hill, 1965.
 Whittaker, E. T and Watson, G. W. *A Course of Modern Analysis*. Cambridge, 1965.

10.222 Applied Mathematics III (Higher)

As for Applied Mathematics III, but including special theory of relativity.

TEXT BOOKS

Conte, S. D. *Elementary Numerical Analysis*. McGraw-Hill, 1965.

Tralli, N. *Classical Electromagnetic Theory*. McGraw-Hill International Student Edition, 1963.

Merzbacher, E. *Quantum Mechanics*. Wiley Toppan, 1961.

Lawden, D. F. *Tensor Calculus and Relativity*. Oliver and Boyd, 1962.

REFERENCE BOOKS

Bergmann, P. G. *Introduction to the Theory of Relativity*. Prentice-Hall, 1942.

Einstein, A. and others. *The Principle of Relativity*. Dover.

Landau, L. D. and Lifshitz, E. M. *Classical Theory of Fields*. Pergamon, 1959.

Landau, L. D. and Lifshitz, E.M. *Statistical Physics*, Pergamon, 1958.

Moller, C. *Theory of Relativity*. C.U.P., 1952.

Pauli, W. *Theory of Relativity*. Pergamon, 1958.

PHILOSOPHY

The study of philosophy is partly the study of perennial problems of common interest to everyone; for example, the foundation of morality, the grounds of religious belief, the problem of the source and reliability of knowledge, and the relation between body and mind. But secondly, Philosophy also leans out to and illuminates other fields of study. Consequently courses in Philosophy are designed to make it possible for students to pursue an interest in a course related to their other interests such as Philosophy of Politics and History in the case of students of History or Social Sciences, or Philosophical Psychology in the case of Psychology students.

The First Year course in Philosophy is a wide-ranging course which is intended to give a broad introduction to the subject and assumes no previous acquaintance with it. There is no specialisation, and no distinction between Pass and Honours. In Second Year a part of the course is also common to all students, but there is also a range of choice of possible sequences of subjects to suit special interests.

Special attention has been given to the needs of those who take Philosophy for only one or two years, so that courses will be self-contained and give a balanced picture of the subject up to the stage reached.

PASS COURSES

The following list of recommended courses will assist students with their choice of course-units in Second and later years. Broadly, students should choose in such a way as to match the other main subjects being taken towards their degree. The choice of Second Year course-units is not greatly affected by whether the student intends to proceed to Philosophy III. It should be emphasised that these combinations are advisory only and that other combinations are often allowable. In all cases of doubt, students should consult the School of Philosophy.

Best General Course

Second Year: Modern Philosophy A, Logic, British Empiricism.

Third Year: Modern Philosophy B, Continental Rationalism.

History and Politics Specialty (suitable also for Sociology and Economics students)

Second Year: Modern Philosophy A, Scientific Method, Philosophy of Politics and History.

Third Year: Modern Philosophy B, Political and Social Philosophy.

Language and Literature Specialty (for students of English and most students of foreign languages).

Second Year: Modern Philosophy A, British Empiricism or Logic, Philosophy of Value.

Third Year: Modern Philosophy B, Continental Rationalism.

Mathematics Specialty

Second Year: Modern Philosophy A, Logic, British Empiricism.

Third Year: Modern Philosophy B, Foundations of Mathematics*.
Natural Science Specialty (also for students of History and Philosophy of science).

Second Year: Modern Philosophy A, Logic, British Empiricism.

Third Year: Modern Philosophy B, Philosophical Logic.

Psychology Specialty (suitable also for students of Economics and perhaps for some students of Sociology).

Second Year: Modern Philosophy A, Logic or Scientific Method, Philosophical Psychology.

Third Year: Modern Philosophy B, Philosophy of Science*.

HONOURS COURSES

Students who take Honours courses in Philosophy as subsidiary courses towards a Special Studies degree in another School, or as components of a General Studies degree, will, in general, choose as outlined above in such a way as to match their other interests. Their choice of additional course-units over and above the Pass courses permits some wider exploration of neighbouring fields. They should, however, seek the advice and approval of the School of Philosophy.

SPECIAL STUDIES COURSES IN PHILOSOPHY

The Special Studies course is the professional course for those who intend to devote themselves wholly to the subject, and is designed to permit the student to take a wide range of all the courses offering. Specialisation in a particular branch of Philosophy will be postponed, in the main, until the Fourth Year. In Second Year, Special Studies students should take Logic rather than Scientific Method and should make their other choices in exploratory fashion rather than to match their subsidiary subjects or any preconceived interests. They are advised also to give careful thought to their choice of subsidiary subjects, and to consult the School in this connection.

52.111 Philosophy I

The course divides into three parts as follows: (1) A study of some Dialogues of Plato, with special reference to problems of knowledge, reality, virtue and the immortality of the soul. (2) The search for certainty, with special reference to the theory of knowledge and to religious belief. (3) An investigation of the structure of arguments, formal and informal, and of the foundations of scientific knowledge.

RECOMMENDED FOR PRELIMINARY READING

Russell, B. *The Problems of Philosophy*. Oxford H.U.L.

Popkin, R. H. and A. Stroll. *Philosophy Made Simple*. Made Simple Books.

* Entry to these subjects requires the special permission of the School of Philosophy.

TEXT BOOKS

Ayer. *Philosophical Essays*. Macmillan.

Ayer. *The Concept of a Person*. Macmillan.

Guthrie (trans.). *Plato: Protagoras and Meno*. Penguin Classics.

Hamblin, C. L. *Elementary Formal Logic—A Programmed Course*. Hicks Smith.

Hospers, J. *Introduction to Philosophical Analysis*. 2nd ed., 1967. Prentice Hall.

Hume, David (Flew, A., ed.). *On Human Nature and the Understanding*. Collier.

Tredennick (trans.). *Plato: The Last Days of Socrates*. Penguin Classics.

REFERENCE BOOKS

Adkins, A. S. H. *Merit and Responsibility*. Oxford.

Burnet, J. *Greek Philosophy*. Macmillan.

Copi, I. M. *Introduction to Logic*. Collier-Macmillan.

Crombie, I. M. *An Examination of Plato's Doctrines*. Routledge and Kegan Paul.

Cross and Woosley. *Plato's Republic*. Macmillan.

Robinson, R. *Plato's Earlier Dialectic*. Oxford.

Ross, W. D. *Plato's Theory of Ideas*. Oxford.

Russell, B. *Problems of Philosophy*. Oxford H.U.L.

Scriven, M. *Primary Philosophy*. McGraw-Hill.

Sesonske and Fleming (eds.). *Human Understanding*. Wadsworth.

Taylor, A. E. *Plato*. Methuen.

52.112 Philosophy II

All students take the course-unit (1) Modern Philosophy A, and two other course-units chosen from: (2) Logic, (3) Scientific Method, (4) British Empiricism, (5) Philosophy of Politics and History, (6) Philosophy of Value and (7) Philosophical Psychology. Students should normally choose one, but not both of units (2) and (3), and those interested in a general philosophical background should choose unit (4).

Description of course-units

(1) Modern Philosophy A: The logical atomism of Russell and Wittgenstein; the logical positivist movement; criticism of these movements by Moore, Ayer, Quine and others.

TEXT BOOKS

Ammerman, R. R. (ed.) *Classics of Analytic Philosophy*. McGraw-Hill.

Ayer, A. J. (ed.). *Logical Positivism*. Free Press.

REFERENCE BOOKS

(a) *General*

Ayer, A. J. (et. al.). *The Revolution in Philosophy*. Macmillan.

Copleston, F. *Contemporary Philosophy*. Burns and Oates.

Edwards, P. and A. Pap (eds.). *A Modern Introduction to Philosophy*. Free Press.

Flew, A. (ed.). *Logic and Language, Series 1 and 2*. Blackwell.

- Hospers, J. *An Introduction to Philosophical Analysis*. Routledge and Kegan Paul.
- Kraft, V. *The Vienna Circle*. Philosophical Library.
- Linsky, L. (ed.). *Semantics and the Philosophy of Language*. University of Illinois.
- Pap, A. *Elements of Analytic Philosophy*. Macmillan.
- Passmore, J. *A Hundred Years of Philosophy*. Duckworth.
- Pears, D. F. (ed.). *The Nature of Metaphysics*. Macmillan.
- Russell, B. *A History of Western Philosophy*. Allen and Unwin.
- Urmson, J. O. *Philosophical Analysis*. Oxford.
- Von Mises, R. *Positivism*. Harvard U.P.
- Warnock, G. J. *English Philosophy Since 1900*. Oxford H.U.L.
- Warnock, M. *Ethics Since 1900*. Oxford H.U.L.

(b) *Logical Atomism and Logical Positivism*.

- Ayer, A. J. *Language, Truth and Logic*. Gollancz.
- Ayer, A. J. *Philosophical Essays*. Macmillan.
- Anscombe, G. E. M. *An Introduction to Wittgenstein's Tractatus*. Hutchinson.
- Black, M. *A Companion to Wittgenstein's Tractatus*. Cambridge U.P.
- Moore, G. E. *Some Main Problems of Philosophy*. Allen and Unwin.
- Pitcher, G. *The Philosophy of Wittgenstein*. Prentice Hall.
- Quine, W. V. *From a Logical Point of View*. Harper Torch.
- Russell, B. (Marsh, ed.). *Logic and Knowledge*. Allen and Unwin.
- Russell, B. *Problems of Philosophy*. Oxford H.U.L.
- Scheffler, I. *The Anatomy of Inquiry*. Knopf.
- Schlick, M. *Problems of Ethics*. Prentice-Hall.
- Schlick, M. *Philosophy of Nature*. Philosophical Library.
- White, M. *Toward Reunion in Philosophy*. Atheneum.
- Wittgenstein, L. (Translated, Pears and McGuinness). *Tractatus Logico-Philosophicus*. Routledge and Kegan Paul.

(2) Logic: A systematic course in formal logic, with particular attention to the examination and formalisation of arguments in ordinary language.

TEXT BOOK

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

REFERENCE BOOKS

- Beth, E. W. *Formal Methods*. Reidel.
- Hughes, G. E. and D. G. Londey. *Elements of Formal Logic*. University Press.
- Lemmon, E. J. *Beginning Logic*. Nelson.
- Neidorf. *Deductive Forms*. Harper & Rowe.
- Prior, A. N. *Formal Logic*. Oxford.
- Quine, W. V. *Methods of Logic*. Routledge and Kegan Paul.

(3) Scientific Method: A course designed particularly for the needs of students of the social sciences, dealing with the nature of empirical knowledge, the concepts of explanation, induction and scientific law, counterfactual statements and the paradoxes of confirmation.

TEXT BOOKS

- Hempel, C. G. *Philosophy of Natural Science*. Prentice Hall.
 Rudner, R. S. *Philosophy of Social Science*. Prentice Hall.

REFERENCE BOOKS

- Barker, I. F. *Induction and Hypothesis*. Cornwall U.P.
 Brown, R. *Explanation in Social Science*. Routledge.
 Danto, A. and S. Morgenbesser (eds.). *Philosophy of Science—Readings*. Meridian.
 Dray, W. H. *Laws and Explanation in History*. Oxford.
 Dray, W. H. (ed.). *Philosophical Analysis and History*. Harper and Row.
 Feigl, H. and W. Sellars. *Readings in Philosophical Analysis*. Appleton-Century-Crofts.
 Hempel, C. G. *Aspects of Scientific Explanation*. Free Press.
 Hintikka, J. and P. Suppes. *Aspects of Inductive Logic*. North Holland.
 Nagel, E. *The Structure of Science*. Routledge.
 Pap, A. *An Introduction to the Philosophy of Science*. Free Press.
 Popper, K. R. *The Logic of Scientific Discovery*. Hutchinson.
 Popper, K. R. *The Poverty of Historicism*. Routledge.
 Popper, K. R. *Conjectures and Refutations*. Routledge.
 Scheffler, I. *The Anatomy of Inquiry*. Knopf.

(4) British Empiricism: A survey of the empiricist tradition with special concentration on Berkeley and Hume.

TEXT BOOKS

- Armstrong, D. M. *Berkeley's Philosophical Writings*. Collier Paperbacks.
 Hume, D. *Treatise of Human Nature*, 2 vols. Everyman.
 Locke, John. *An Essay Concerning Human Understanding*. Fontana.

REFERENCE BOOKS

- Basson, A. H. *David Hume*. Pelican.
 Morris, C. R. *Locke, Berkeley, Hume*. Oxford.
 Passmore, J. A. *Hume's Intentions*. Cambridge.
 Sesonke, A. and Fleming, N. *Human Understanding*. Wadsworth.
 Smith, N. K. *Studies in the Cartesian Philosophy*. Russell.
 Smith, N. K. *The Philosophy of David Hume*. Macmillan.
 Warnock, G. J. *Berkeley*. Pelican.

(5) Philosophy of Politics and History: The philosophy of history of Collingwood, Oakeshott and others; the role of models and analogies in social and political theory—pure types, contract, state of nature.

TEXT BOOKS

- Dray, W. H. (ed.). *Philosophical Analysis and History*. Harper & Row.
 Dray, W. H. *Philosophy of History*. Prentice-Hall.
 Hobbes, T. *Leviathan* (Oakeshott, M. ed.). Blackwell.
 Locke, J. *Two Treatises of Government*. (Laslett ed.). Mentor.
 Rousseau, J. J. *The Social Contract and Discourses*. Everyman.
 Walsh, W. H. *An Introduction to Philosophy of History*. Hutchinson.

REFERENCE BOOKS

- Austin, J. *The Province of Jurisprudence Determined* (Hart ed.). Weidenfeld and Nicholson.
- Barker, E. (ed.). *The Social Contract*. World's Classics.
- Benn, S. I. and R. S. Peters. *Social Principles and the Democratic State*. Allen & Unwin.
- Brown, K. C. (ed.). *Hobbes Studies*. Blackwell.
- Collingwood, R. G. *The Idea of History*. Oxford.
- Collingwood, R. G. *Essays in the Philosophy of History* (Debbins ed.). McGraw-Hill.
- Gierke, O. *Natural Law and the Theory of Society 1500 to 1800*. (Barker ed.). Beacon Press.
- Gough, J. W. *The Social Contract*. O.U.P.
- Harré, R. *Theories and Things*. Newman History and Philosophy of Science Series. Sheed and Ward.
- Hume, D. *Theory of Politics* (Watkins ed.). Nelson Philosophical Texts.
- Meiland, J. W. *Scepticism and Historical Knowledge*. Random House.
- Meyerhof, H. (ed.). *The Philosophy of History in Our Time*. Anchor Books. Doubleday.
- Plato. *Crito; Republic*.
- Popper, K. R. *The Open Society and its Enemies*. Routledge.
- Popper, K. R. *The Poverty of Historicism*. Routledge Paperback.
- Sabine, G. H. *A History of Political Theory*. 3rd ed. Harrap.
- Watkins, J. W. N. *Hobbes's System of Ideas*. Hutchinson.
- Wolin, S. S. *Politics and Vision*. Allen & Unwin.

(6) Philosophy of Value: An examination of the central concepts and types of judgments occurring in the fields of moral discourse and aesthetic and literary criticism.

REFERENCE BOOKS

- Ayer, A. J. *Language, Truth and Logic*. Gollancz.
- Casey, J. *The Language of Criticism*. Methuen.
- Castaneda & Nakhnikian (eds.). *Morality and the Language of Conduct*. Wayne State U.P.
- Hare, R. M. *The Language of Morals*. O.U.P.
- Hare, R. M. *Freedom and Reason*. O.U.P.
- Gombrich, E. H. *Art and Illusion*. Phaidon.
- Kaufmann, W. *Existentialism from Dostoevsky to Sartre*. Meridian.
- Kerner, G. C. *The Revolution in Ethical Theory*. O.U.P.
- Margolis, J. (ed.). *Philosophy Looks at the Arts*. Scribners.
- Moore, G. E. *Principia Ethica*. Cambridge U.P.
- Sartre, J. P. *Being and Nothingness*. Methuen.
- Sartre, J. P. *Existentialism and Humanism*. Methuen.
- Schraader, G. A. (ed.). *Existential Philosophers—Kierkegaard to Merleau-Ponty*. McGraw-Hill.
- Stevenson, C. L. *Ethics and Language*. Yale U.P.
- Stevenson, C. L. *Facts and Values*. Yale U.P.
- Toulmin, S. *Reason in Ethics*. Cambridge U.P.
- Warnock, M. *Ethics Since 1900*. O.U.P.
- Warnock, M. *The Philosophy of Sartre*. Hutchinson University Library.

(7) Philosophical Psychology: A study of the related concepts of action, bodily movement, desire, will, motive, reason for doing, decision and choice.

TEXT BOOKS

Gustafson, Donald F. *Essays in Philosophical Psychology*, 1964. Macmillan Paperback.

REFERENCE BOOKS

- Anscombe, G. E. M. *Intention*. Blackwell.
 Cofer, C. N. and M. H. Appley. *Motivation: Theory and Research*. Wiley. N.Y.
 Bennett, J. *Rationality*. Routledge & Kegan Paul.
 Bindra, D. & J. Stewart. *Motivation*. Penguin.
 D'Arch, E. *Human Acts*. Oxford .
 Hampshire, S. *Thought and Action*. Chatto & Windus.
 Hampshire, S. *Freedom of the Individual*. Chatto et al.
 Hebb, D. O. *Textbook of Psychology*. W. B. Saunders.
 Kenny, A. *Action, Emotion and Will*. Routledge & Kegan Paul.
 Louch, A. R. *Explanation and Human Action*. B. Blackwell.
 Melden, A. I. *Free Action*. Routledge & Kegan Paul.
 Minkus, P. A. *Philosophy of the Person*. Blackwell.
 Ofstad, H. *An Inquiry into the Freedom of Decision*. Norwegian U.P.
 Pears, D. F. *Freedom and Will*. Macmillan.
 Peters, R. S. *The Concept of Motivation*. Routledge and Kegan Paul.
 Ryle, G. *The Concept of Mind*. Hutchinson.
 Skinner, B. F. *Science and Human Behaviour*. Macmillan, N.Y.
 Strawson, P. F. *Individuals*. Methuen Paperback.
 Taylor, C. *The Explanation of Behaviour*. Routledge and Kegan Paul.
 Taylor, R. *Action and Purpose*. Prentice-Hall.
 Vesey, G. N. A. *The Embodied Mind*. Allen & Unwin.
 Woodworth, R. S. *Dynamics of Behaviour*.

52.122 Philosophy II (Honours)

Material set out for 52.112 Philosophy II (Pass), together with an extra course-unit chosen from those listed: Honours students will be obliged to choose one, but not both of units (2) and (3). In addition a series of seminars will be arranged in which certain topics will be treated at a more advanced level.

52.113 Philosophy IIIA

Students select two course-units from the following: (1) Modern Philosophy B, (2) Political and Social Philosophy (prerequisite: Philosophy of Politics and History*), (3) Continental Rationalism, (4) Greek Philosophy, (5) Philosophical Logic (prerequisite: Logic).

In special cases pass students may be permitted to substitute for one of these course-units one of the course-units (6) — (8) listed for 52.123 Philosophy IIIA (Honours).

* Students who wish to take this course in 1968 without prerequisite should consult the Head of School.

Description of course-units

(1) Modern Philosophy B: The course, which may vary from year to year, will be centred around controversial topics discussed in recent issues of philosophical journals.

REFERENCE BOOKS will be given in lectures.

(2) Political and Social Philosophy: The concepts of Authority and Community, approached by way of a selective study of Hobbes, Rousseau, Locke, Burke, Hume, Aquinas, Mill and Lenin.

TEXT BOOKS

Bendix, R. *Max Weber: An Intellectual Portrait*. Anchor Books.

Burke, E. *The Philosophy of Edmund Burke: A Selection from his Speeches and Writings*. (Bredvold and Ross, eds.). University of Michigan Press.

Hobbes, T. *Leviathan* (Oakeshott, ed.). Blackwell.

Hume, D. *Theory of Politics* (Watkins, ed.). Nelson Philosophical Texts.

Locke, John. *Two Treatises of Government* (Laslett, ed.). Mentor.

Rousseau, J. J. *The Social Contract and Discourses*. Everyman.

Sabine, G. H. *A History of Political Theory*, 3rd edn. Harrap.

Thomas Aquinas, St. *Aquinas: Selected Political Writings*. (D'Entreves, ed.). Blackwell.

REFERENCE BOOKS

Barker, Sir E. (ed.). *The Social Contract*. World's Classics.

Barry, B. *Political Argument*. Routledge & Kegan Paul.

Benn, S. I. and R. S. Peters. *Social Principles and the Democratic State*. Allen & Unwin.

Brown, K. C. (ed.). *Hobbes Studies*. Blackwell.

Burch, B. B. (ed.). *Dictatorship and Totalitarianism*. Van Nostrand.

Cameron, J. M. *Images of Authority*. Compass Books. Burns & Oates.

Crick, B. *In Defence of Politics*. Pelican.

Jouvenel, B. de. *Sovereignty*. Cambridge U.P.

Mair, L. *Primitive Government*. Pelican.

Mill, J. S. *On Bentham and Coleridge*. Harper Torchbooks.

Mill, J. S. *Utilitarianism*. Fontana.

Miller, J. B. D. *The Nature of Politics*. Pelican.

Peters, R. S. *Hobbes*. Pelican.

Peters, R. S. *Authority, Responsibility and Education*. Allen & Unwin.

Radcliffe, P. (ed.). *Limits of Liberty*. Wadsworth.

Todd, J. M. (ed.). *Problems of Authority*. Darton, Longman & Dodd.

Watkins, J. W. N. *Hobbes's System of Ideas*. Hutchinson.

Weber, M. *The Theory of Society and Economic Organisation*. (Translated Henderson and Parsons). Free Press.

Wolin, S. S. *Politics and Vision*. Allen & Unwin.

(3) Continental Rationalism: A survey of the rationalist tradition, with special concentration on Descartes, Spinoza and Leibniz.

TEXT BOOKS

Spinoza, B. *Ethics and On the Improvement of the Understanding*. Both available in *Works of Spinoza* (trans. R. H. M. Elwes). Dover Publications.

- Leibniz, G. W. *Selections* (ed., Philip P. Wiener). Scribner.
 Anscombe, G. E. M. and P. T. Geach (eds.). *Descartes's Philosophical Writings*. Nelson.

REFERENCE BOOKS

- Alexander, H. G. (ed.). *The Leibniz-Clarke Correspondence*. Manchester U.P.
 Copleston, F. *A History of Philosophy*. Vol. 4. Doubleday.
 Hallet, H. F. *Spinoza: The Elements of His Philosophy*. Althone Press.
 Hampshire, S. *Spinoza*. Pelican.
 Joseph, H. W. B. *Lectures on the Philosophy of Leibniz*. Clarendon.
 Leibniz, G. W. *Monadology and Other Writings* (R. H. Latta, ed.). O.U.P.
 Leibniz, G. W. *Discourse on Metaphysics* (Lucas and Grind, eds.). Manchester U.P.
 Parkinson, H. G. R. *Spinoza's Theory of Knowledge*. Clarendon.
 Rescher, N. *The Philosophy of Leibniz*. Prentice-Hall.
 Russell, B. *The Philosophy of Leibniz*. Allen and Unwin.
 Saw, R. L. *The Vindication of Metaphysics*. Macmillan.
 Saw, R. L. *Leibniz*. Pelican.
 Smith, N. K. *Studies in the Cartesian Philosophy*. Russell and Russell.
 Smith, N. K. *New Studies in the Philosophy of Descartes*. Macmillan.
 Spinoza, B. *Earlier Philosophical Writings* (Trans. F. A. Hayes). Library of Liberal Arts.

(4) Greek Philosophy: The leading ideas of the Greek philosophers from Thales to Aristotle.

REFERENCE BOOKS

- Aristotle. *The Works of Aristotle Translated into English*. Vol. I Logic, Vol. VIII Metaphysics. Oxford.
 Burnet, J. *Early Greek Philosophy*. Black.
 Burnet, J. *Greek Philosophy*. Macmillan.
 Cornford, F. M. *From Religion to Philosophy*. Harper.
 Cornford, F. M. *Principium Sapientiae*. Harper.
 Cornford, F. M. *Plato and Parmenides*. Routledge and Kegan Paul.
 Cornford, F. M. *Plato's Theory of Knowledge*. Routledge and Kegan Paul.
 Guthrie, W. K. C. *A History of Greek Philosophy*. Cambridge.
 Kirk, G. S. and Raven, G. E. *The Pre-Socratic Philosophers*. Cambridge.

(5) Philosophical Logic: The work of logicians since Russell in formulating and attempting to solve general problems of Philosophy using the techniques of Formal Logic.

REFERENCE BOOKS

- Feigl and Sellars. *Readings in Philosophical Analysis*. Appleton-Century-Crofts.
 Hare, R. M. *The Language of Morals*. Oxford.
 Hintikka, K. J. J. *Knowledge and Belief*. Cornell.
 Macdonald, M. (ed.). *Philosophy and Analysis*. Blackwell.
 Prior, A. N. *Past, Present and Future*. Oxford.
 Prior, A. N. *Time and Modality*. Oxford.

- Quine, W. V. *From a Logical Point of View*. Harvard.
 Quine, W. V. *Word and Object*. Technology Press.
 Rescher, N. *The Logic of Commands*. Routledge and Kegan Paul.
 Ryle, G. *Dilemmas*. Cambridge U.P.
 Tarski, A. *Logic, Semantics and Metamathematics*. Oxford.
 von Wright, G. H. *Logical Studies*. Routledge and Kegan Paul.
 von Wright, G. H. *The Logic of Preference*. Edinburgh U.P.

52.123 Philosophy IIIA (Honours)

Students select three course-units from the following: (1) Modern Philosophy B, (2) Politics and Social Theory (prerequisite: Philosophy of Politics and History*), (3) Continental Rationalism, (4) Greek Philosophy, (5) Philosophical Logic (prerequisite: Logic), (6) Foundations of Mathematics (prerequisite: Logic), (7) Kant (prerequisite: British Empiricism), (8) Philosophy of Science. At least one course-unit must be chosen from among numbers (6), (7), and (8).

Description of course-units

Numbers (1) — (5) are described under 52.113 Philosophy IIIA (Pass).

(6) Foundations of Mathematics: The work of the principal philosophers of mathematics since Frege. Some knowledge of and ability in mathematics is assumed.

REFERENCE BOOKS

- Benacerraf, P. and H. Putman (eds.). *Philosophy of Mathematics: Selected Readings*. Prentice-Hall.
 Beth, E. W. *The Foundations of Mathematics*. North-Holland.
 Heyting, A. *Intuitionism*. North-Holland.
 Korner, S. *The Philosophy of Mathematics*. Hutchinson.
 Quine, W. V. *Mathematical Logic*. Harper Torch.
 Russell, B. *Introduction to Mathematical Philosophy*. Allen and Unwin.
 Whitehead, A. N. and B. Russell, *Principia Mathematica* to *56. Cambridge paperback.
 Wilder, R. L. *Introduction to the Foundations of Mathematics*. 2nd edn. 1965. Wiley.

(7) Kant: A course devoted to a consideration of Kant's writings, particularly his metaphysics and epistemology.

TEXT BOOK

- Smith, N. K. *Immanuel Kant's Critique of Pure Reason*. Macmillan.

REFERENCE BOOKS

- Bennett, J. *Kant's Analytic*. Cambridge U.P.
 Bird, G. *Kant's Theory of Knowledge*. Routledge and Kegan Paul.
 Ewing, A. *Short Commentary on Kant's Critique of Pure Reason*. Methuen.
 Kant, I. (Lucas, ed.). *Prolegomena to Any Future Metaphysic*. Manchester U.P.

* Students who wish to take this course in 1968 without prerequisite should consult the Head of School.

Korner, S. *Kant*. Pelican.

Paton, H. J. *Kant's Metaphysic of Experience*. Hutchinson.

Prichard, H. A. *Kant's Theory of Knowledge*. Clarendon.

Smith, N. K. *Commentary on Kant's Critique of Pure Reason*. Macmillan.

Weldon, J. D. *Introduction to Kant's Critique of Pure Reason*. Clarendon.

Strawson, P. F. *The Bounds of Sense*. Methuen.

(8) Philosophy of Science: An introduction to some of the chief philosophical issues raised by accounts given, from time to time, of the methods of scientific inquiry.

TEXT BOOK

Nagel, E. *The Structure of Science*. Routledge and Kegan Paul.

REFERENCE BOOKS

Ashby, W. R. *An Introduction to Cybernetics*. Methuen, University Paperbacks.

Braithwaite, R. B. *Scientific Explanation*. Harper Torch-books.

Bunge, M. *Metascientific Queries*. Thomas.

Burtt, E. A. *The Metaphysical Foundations of Modern Physical Science*. Anchor.

Campbell, N. R. *Foundations of Science*. Dover.

Danto, A. and S. Morgenbesser (eds.). *Philosophy of Science*. Meridian.

Feigl, H. and M. Brodbeck (eds.). *Readings in the Philosophy of Science*. Appleton-Century-Crofts.

Feigl, H. and G. Maxwell (eds.). *Current Issues in the Philosophy of Science*. Holt, Rinehart and Winston.

Hanson, N. R. *Patterns of Discovery*. Cambridge U.P.

Harré, R. M. *Theories and Things*. Sheed and Ward.

Hesse, M. B. *Forces and Fields*. Nelson.

Hesse, M. B. *Models and Analogies in Science*. Sheed and Ward.

Körner, S. *Conceptual Thinking*. Dover.

Kuhn, T. S. *The Structure of Scientific Revolutions*. University of Chicago Press.

Minnesota Studies in the Philosophy of Science. Vols. I, II and III.

Vol. I Feigl, H. and M. Scriven (eds.).

Vol. II Feigl, H., Scriven, M., Maxwell, G. (eds.).

Vol. III Feigl, H., Maxwell, G. (eds.).

University of Minnesota Press.

Nagel, E., Suppes, P., Tarski, A. *Logic, Methodology, and Philosophy of Science*. Stanford U.P.

Newman, J. E. (ed.). *The World of Mathematics*. 4 vols. Simon and Schuster.

Pap, A. *Introduction to the Philosophy of Science*. Free Press of Glencoe.

Popper, K. R. *The Logic of Scientific Discovery*. Hutchinson.

Rashevsky, N. *Mathematical Biophysics*. Vol. II. Dover.

Ryle, G. *The Concept of Mind*. Penguin.

Toulmin, S. E. *Foresight and Understanding*. Harper Torch-books.

Toulmin, S. E. *Philosophy of Science*. Harper Torch-books or Grey Arrow.

Vesey, G. N. A. *Body and Mind, Philosophical Selections*. George Allen and Unwin.

Wiener, P. P. (ed.). *Readings in Philosophy of Science*. Scribner.

Woodger, J. P. *Biology and Language*. Cambridge U.P.

52.133 Philosophy IIIB (Honours)

Taken by Philosophy Special Studies degree students together with 52.123 Philosophy IIIA (Honours), and the two courses are examined together. The additional work prescribed under this subject consists of two further second-year course-units (as described under 52.112 Philosophy II) and one further third-year course-unit (as described under 52.123 Philosophy IIIA (Honours). Where prerequisites are specified for third-year course-units Special Studies degree students may be granted permission to treat these as corequisites.

A special seminar is run for senior students, and third-year Special Studies degree students are expected to attend this and contribute to it.

52.114 Philosophy IV (Honours)

Each student is required to complete a research thesis on a subject of his choice to be approved by the School of Philosophy, and in addition will be required to take two seminar courses.

POLITICAL SCIENCE

Courses in the School of Political Science are concerned with the study of political ideas, institutions and activity in such a way as to encourage a critical understanding of the problems and processes of government and politics in different societies and at different times, and of some of the main theories that have been developed to account for, and sometimes advocate, these governmental forms and actions.

54.111 Political Science I

Students are given some idea of the range and variety of political studies, the nature of politics and political science, and of problems in the analysis of institutions and processes of government, and there is also a general study of Australian government and of some special issues and problems in Australian politics.

TEXT BOOKS

- Andrews, W. G. (ed.). *Constitution and Constitutionalism*. 2nd ed. Van Nostrand, 1963.
 Crisp, L. F. *Australian National Government*. Longmans, 1967.
 Dahl, R. *Modern Political Analysis*. Prentice-Hall, 1964.
 Mayer, H. (ed.). *Australian Politics*, 2nd ed. Cheshire, 1967.
 Frankel, J. *International Relations*. Oxford, 1964.
 Miller, J. D. B. *The Nature of Politics*. Pelican, 1965.
 Sawyer, G. *Australian Government Today*. M.U.P., 1967.
 Wheare, K. C. *Modern Constitutions*. Oxford Paperbacks University Series, Opus II, 1966.

REFERENCE BOOKS

- *Miller, J. D. B. *Australian Government and Politics*. Duckworth, 3rd ed. 1964.
 *Wheare, K. C. *Legislatures*. Oxford U.P., 1963.
 *Wilkes, J. (ed.). *Forces in Australian Politics*. Angus & Robertson, 1965.
 Birch, A. H. *Representative and Responsible Government*. Allen & Unwin, 1964.
 Burns, C. *Parties and People*. M.U.P., 1961.
 Crick, B. *In Defence of Politics*. Pelican, 1964.
 Davies, A. F. *Australian Democracy*. Melbourne, 1964.
 Davis, S. R. *The Government of the Australian States*. Longmans, 1960.
 Encel, S. *Cabinet Government in Australia*. M.U.P., 1962.
 Field, G. C. *Political Theory*. Methuen, 1964.
 Forell, C. R. *How We are Governed*. Cheshire, 1964.
 Friedrich, C. J. *An Introduction to Political Theory*. Harper & Row, 1967.
 Greenwood, G. (ed.). *Australia, a Social and Political History*. Angus & Robertson, 1955.
 Horne, D. *The Lucky Country*. Penguin, 1964.
 Jennings, I. *The Queen's Government*. Pelican, 1954.
 Jennings, I. *The British Constitution*. Cambridge U.P., 4th ed., 1961.
 Joske, P. E. *Australian Federal Government*. Butterworths, 1967.
 Jupp, J. *Australian Party Politics*. M.U.P., 1964.
 Millar, T. B. *Australia's Defence*. M.U.P., 1965.

* Strongly recommended.

- Partridge, P. H. *The Rights of the Citizen*. Australian Institute of Political Science. Monograph No. 2.
- Rawson, D. W. *Australia Votes*. M.U.P., 1961.
- Rawson, D. W. *Labor in Vain?* Longmans, 1966.
- Rorke, J. (ed.). *Aspects of Australian Government*. Tutorial Classes Department, University of Sydney, 2nd ed., 1964.
- Sawyer, G. *Cases on the Constitution of the Commonwealth of Australia*. 3rd. ed., Law Book Co., Sydney, 1964.
- Teichmann, M. E. *Aspects of Australia's Defence*. Monash, 1966.
- Wilkes, J. (ed.). *Communism in Asia—A Threat to Australia?* Australian Institute of Political Science, Angus & Robertson, 1967.

54.112 Political Science II

The government and politics of the United States and of Soviet Russia, including references to ideas of constitutionalism and democracy in America and to Marxist theory and practice in Russia, and to the foreign policy of both countries.

TEXT BOOKS

(a) *American Government and Politics*.

- Griffith, E. S. *The American System of Government*. Methuen, 1964 (paperback).
- Potter, A. M. *American Government and Politics*. Faber, 1959 (paperback).
- Young, W. H. (ed.). *Ogg and Ray's Essentials of American Government*. 9th ed., Appleton Century-Crofts, 1963.

(b) *Russian Government and Politics*.

- Andrews, William G. (ed.). *Soviet Institutions and Policies—Inside Views*. Van Nostrand, 1966 (paperback).
- Braham, Randolph L. (ed.). *Soviet Politics and Government*. Alfred Knopf, 1965 (paperback).
- Meyer, Alfred G. *The Soviet Political System*. Random House, 1965.
- Schapiro, Leonard. *The Government and Politics of the Soviet Union*. 2nd ed., Hutchinson University Library, 1967 (paperback).

REFERENCE BOOKS

(c) *American Government and Politics*.

A. *Strongly recommended books*.

(1) *Hard cover editions*:

- Adrian, C. R. and Press, C. *The American Political Process*. McGraw-Hill, 1965.
- Burns, J. M. *The Deadlock of Democracy*. Prentice-Hall, 1963.
- Burns, J. M. and Peltason, J. W. *Government by the People*. 6th ed., Prentice-Hall, 1966.
- Irish, M. D. and Prothro, J. W. *The Politics of American Democracy*. 3rd ed., Prentice-Hall, 1965.
- Vile, M. J. C. *The Structure of American Federalism*. Oxford U.P., 1961.
- White, T. H. *The Making of the President, 1960*. Athenaeum House, 1961.
- White, T. H. *The Making of the President, 1964*. Athenaeum House, 1965.

(2) *Paperback editions:*

- McConnell, G. *The Modern Presidency*. St. Martin's Press, 1967.
 Morris, R. B. *Basic Documents in American History*. Van Nostrand (Anvil).
 Rossiter, C. *Parties and Politics in America*. Cornell U.P., 1960.
 Swisher, C. B. *Historic Decisions of the Supreme Court*. Van Nostrand (Anvil).

B. *Other recommended references.*(1) *Hard cover editions:*

- Bailey, S. K. and Samuel, H. D. *Congress at Work*. Holt, 1953 (or later).
Congress and the Nation 1945-1964. Congressional Quarterly Service, Washington, 1965. Ref. Q320, 973.
 Carr, Bernstein, M. H. and Murphy, W. F. *American Democracy in Theory and Practice*. 3rd ed., Holt Rinehart & Winston, 1965.
 Coyle, D. C. *The U.S. Political System*. New American Library, 1961.
 Dunham, A. and Kirland, P. B. (eds.). *Mr. Justice*. Chicago U.P., 1964.
The Federalist Papers. Everyman or any other complete edition.
 Key, V. O. *Politics, Parties and Pressure Groups*. 5th ed., Crowell, 1964.
 Lubell, S. *The Future of American Politics*. Harper, 1952.
 Mason, A. T. and Beaney, W. M. *The Supreme Court in a Free Society*. Prentice-Hall, 1959.
 Maurois, A. *A New History of the U.S.A.* Weidenfeld and Nicolson, 1964.
 Myrdal, G. *An American Dilemma*. Harper, 1944.
 Ogg, F. A. and Ray, R. A. *American Government*. Appleton, 1962.
 Stannard, H. M. *The Two Constitutions*. Black, 1950.

(2) *Paperback editions:*

- de Tocqueville, A. *Democracy in America*, best edition edited by Phillips Bradley. Vintage Paperbacks, 2 vols., 1960.
 Neustadt, R. *Presidential Power*. Signet Book, 1960.

(b) *Russian Government and Politics.*A. *Strongly recommended books.*(1) *Hard cover editions:*

- Fainsod, M. *How Russia is Ruled*. Harvard, 2nd ed., 1963.
 Macridis, R. C. and Ward, R. E. *Modern Political Systems—Europe*. Prentice-Hall, 1963. (V. V. Aspaturian, "The Soviet Union".)

(2) *Paperback editions:*

- Carew-Hunt, R. N. *The Theory and Practice of Communism*. Pelican Books, 1963.
 Cole, J. P. *Geography of the U.S.S.R.* Pelican, 1967.
 Dallin, A. and Westin, F. (eds.). *Politics in the Soviet Union—7 Cases*. Harcourt, Brace & World, 1966.
 East, W. Gordon. *The Soviet Union*. Van Nostrand, 1963.
 McNeal, R. H. (ed.). *International Relations Among Communists*. Prentice-Hall, 1967.
 Ritvo, H. *The New Soviet Society*. (1961 Program of the C.P.S.U.), The New Leader New York, 1962 (or any other edition of the Program).
 Schapiro, L. *The Communist Party of the Soviet Union*. Methuen, 1963.
 Scott, D. J. R. *Russian Political Institutions*. Allen & Unwin, 3rd ed., 1965.
 Swearer, H. R. *The Politics of Succession in the U.S.S.R.* Little, Brown & Co., 1964.

B. Other recommended references.

(1) Hard cover editions:

- Acton, H. B. *The Illusion of the Epoch*. Cohen and West, 1962.
 Carmichael, J. *A Short History of the Russian Revolution*. Nelson, 1966.
 Carr, E. H. *A History of Soviet Russia*. 8 vols., Macmillan, 1950—
 (Vols. 1-3, *The Bolshevik Revolution*, available in Pelican Books, 1966).
 Chamberlin, W. H. *The Russian Revolution*. 2 vols., Macmillan, 1935.
 Denisov, A. and Kirichenko, M. *Soviet State Law*. Foreign Languages Publishing House, Moscow, 1960.
 Fainsod, M. *Smolensk Under Soviet Rule*. Harvard, 1958.
 Kennan, G. *Russia and the West under Lenin and Stalin*. Hutchinson, 1961.
 Leonhard, W. *The Kremlin Since Stalin*. Oxford U.P., 1962.
 Meyer, A. G. *Communism*. 2nd ed., Random House, 1963.
 Miller, J. D. B. and Rigby, T. H. *The Disintegrating Monolith*. A.N.U., 1965.
 Pipes, R. (ed.). *The Russian Intelligentsia*. Columbia U.P., 1961.
 Seton-Watson, G. H. N. *The Pattern of Communist Revolution*. 2nd ed., Methuen, 1960.
 Ulam, A. *Lenin and the Bolsheviks*. Secker & Warburg, 1966.
 Utechin, S. V. *Russian Political Thought*. Dent, 1963.

(2) Paperback editions:

- Daniels, R. V. *A Documentary History of Communism*. 2 vols. Random House, 1962.
 Feuer L. (ed.). *Marx and Engels—Basic Writings on Politics and Philosophy*. Doubleday Anchor, 1959.
 Kochan, L. *The Making of Modern Russia*. Pelican Books, 1963.
 McNeal, R. H. (ed.). *The Russian Revolution—Why Did The Bolsheviks Win?* Holt, Rinehart, 1963.
 Nove, A. *The Soviet Economy*. 2nd ed., Allen & Unwin, 1965.
 Plamenatz, J. *German Marxism and Russian Communism*. Longmans, 1961.
 Schwartz, H. *The Soviet Economy Since Stalin*. Lippincott, 1965.

54.122 Political Science II (Honours)

British and American liberal-democratic thought and its Marxist critics in the nineteenth and twentieth centuries. Students should consult the School for reading lists and other details.

54.113 Political Science IIIA

- (1) The Politics of Developing Nations. (2) Social and Political Theory.
 (3) International Relations.

(1) *The politics of developing nations.*

A study of the politics and government of developing nations, with special reference to comparative Asian government. Social division in traditional agrarian societies, the role of the intellectuals, nationalism, anti-colonialism and communism, are examined. There will be special "case studies" of two political systems not hitherto studied.

TEXT BOOKS

- Kautsky, J. H. (ed.). *Political Change in Underdeveloped Countries*. Wiley and Sons, 1962.
- Ward, R. E. and Macridis, R. C. (eds.). *Modern Political Systems: Asia*. Prentice-Hall, 1963.

REFERENCE BOOKS

- Almond, G. A. and Coleman, J. S. (eds.). *The Politics of Developing Areas*. Princeton, 1960.
- Almond, G. A. and Powell, G. B. *Comparative Politics: A Developmental Approach*. Little, Brown and Co., 1966.
- Barnett, A. D. *Communist Strategies in Asia*. Praeger, 1963.
- Emerson, R. *From Empire to Nation*. Harvard, 1960.
- Feith, H. *Decline of Constitutional Democracy in Indonesia*. Cornell, 1962.
- Geertz, C. *Old Societies and New States*. Free Press, 1963.
- Palmer, H. O. *The Indian Political System*. Allen & Unwin, 1961.
- Sigmund, P. E. *The Ideologies of the Developing Nations*. Praeger, 1963.

(2) *Social and Political Theory*.

Selected authors and issues in classical and contemporary or recent social and political theory.

TEXT BOOKS

- Hobbes, T. *De Cive or the Citizen*. Appleton-Century-Crofts, 1949.
- Machiavelli, W. *The Prince and the Discourses*. Modern Library, latest ed.
- Burnham J. *The Managerial Revolution*. Pelican, 1962.
- Djilas, M. *The New Class*. Praeger paperback, 1957.
- Mills, C. W. *The Power Elite*. Oxford U.P. paperback, 1959.
- Mosca, G. *The Ruling Class*. McGraw-Hill paperback, 1939.
- A number of journal articles will also be prescribed reading.

REFERENCE BOOKS

- Bowle, J. *Western Political Thought*. Cape, 1947.
- Goldsmith, M. M. *Hobbes's Science of Politics*. Columbia U.P., 1966.
- Jones, W. T. (ed.). *Masters of Political Thought: Machiavelli to Bentham*. Harrap, 1942/1963, Vol. II.
- *Sabine, G. H. *A History of Political Theory*. 3rd ed., Holt Rinehart Winston.
- Strauss, L. *Thoughts on Machiavelli*. Free Press, 1958.
- Strauss, L. *The Political Philosophy of Hobbes*. Oxford, 1936/1963.
- Warrender, H. *The Political Philosophy of Hobbes*. Oxford, 1957.
- Watkins, F. M. *The Political Tradition of the West*. Cambridge, Mass., 1948.

(3) *International Relations*.

TEXT BOOKS

- Van Dyke, V. *International Politics*. 2nd ed. Appleton-Century-Crofts, 1966.

REFERENCE BOOKS

- *Brierly, J. L. *The Law of Nations*. 6th ed., Oxford, 1963.
- *Goodrich, L. M. *The United Nations*. Stevens, 1960.

*Strongly recommended.

- *Holsti, K. J. *International Politics*. Prentice-Hall, 1967.
- *Morgenthau, H. *Politics among Nations*. 4th ed., Knopf, 1967.
- *Schleicher C. P. *International Relations, Cooperation and Conflict*. Prentice-Hall, 1963.
- Bell, C. *Negotiation from Strength—A Study in the Politics of Power*. Chatto & Windrus, 1962.
- Brandon, D. *American Foreign Policy*. Appleton-Century-Crofts, 1966 (paperback).
- Carr, E. H. *The Twenty Years' Crisis, 1919-1939. An Introduction to the Study of International Relations*. Macmillan, 1939, 1964.
- Claude, I. L. *Swords into Plowshares: The Problems and Progress of International Organization*. 3rd ed., Random House, 1964.
- Claude, I. L. *Power and International Relations*. Random House, 1962.
- Buchan, A. *Crisis Management. The new diplomacy*. The Atlantic Institute 1966. (The Atlantic Papers—Nato series 2.)
- Cohen S. B. *Geography and Politics in a World Divided*. Random House, 1963.
- Eichelberger, C. M. *U.N.: The first twenty years*. Harper & Row, 1965.
- Fenwick, C. G. *International Law*. 4th ed., Appleton-Century-Crofts, 1965.
- Frankel, J. *International Relations*. Oxford, 1964.
- Friedmann, W. *An Introduction to World Politics*. Macmillan, 1964.
- Greene, F. *The Dynamics of International Relations: Power, Security and Order*. 1964.
- Greenwood, G. and Harper, N. *Australia in World Affairs, 1950-1960*. 2 vols., Cheshires, 1963.
- Hartmann, F. H. *World in Crisis. Readings in International Relations*. 3rd ed., Macmillan, 1967.
- Harrison, H. E. (ed.). *The Role of Theory in International Relations*. Van Nostrand 1964.
- Hudson, G. F. *The Hard and Bitter Peace—World Politics since 1945*. Pall Mall, 1966.
- Lanyi, G. A. & McWilliams, W. C. (eds.). *Crisis and Continuity in World Politics*. Random House, 1966.
- McClelland, C. A. *Theory and the International System*. Macmillan, 1966 (paperback).
- McNeil, E. B. *The Nature of Human Conflict*. Prentice-Hall, 1965.
- Manning, C. A. W. *The Nature of International Society*. 1962.
- Hoffmann, S. *The State of War. Essays in the Theory and Practice of International Politics*. Pall Mall, 1965.
- McLellan, D. S., Olson, W. C. and Sonderman, F. A. *The Theory and Practice of International Relations*. Prentice-Hall, 1960.
- Millar, T. B. *Australia's Defence*. M.U.P., 1965.
- Modelski, G. *A Theory of Foreign Policy*. Pall Mall, 1962.
- O'Connell, D. P. (ed.). *International Law in Australia*. Stevens, 1965.
- Padelford, N. J. and Lincoln, C. A. *The Dynamics of International Politics*. Macmillan, 1962.
- Stoessinger, J. G. *The United Nations and the Superpowers*. Random House, 1965.
- Stoessinger, J. G. *The Might of Nations*. Random House, 1965.

United Nations Charter.

Waters, M. *The United Nations.* Macmillan, 1967.

Weigert, H. W. (ed.). *Principles of Political Geography.* Appleton-Century-Crofts, 1957.

54.123 Political Science IIIA (Honours)

Consists of special and intensive study of aspects of the Pass Course in 54.113 Political Science IIIA. Students should consult the School for further required and recommended reading.

54.143 Political Science IIIB (Honours)

(1) *British Government and Politics.*

TEXT BOOKS

Beer, S. *Modern British Politics: A Study of Parties and Pressure Groups.* Faber & Faber, 1965.

Blondel, J. *Voters, Parties, and Leaders—The Social Fabric of British Politics.* Pelican, 1963.

Harrison, W. *Government of Britain.* Hutchinson, 1960.

Moodie, G. C. *The Government of Britain.* Methuen University Paperbacks, 1964.

Finer, S. E. *Anonymous Empire.* Pall Mall, 1962.

McKenzie, R. T. *British Political Parties.* 2nd ed., Heinemann, 1963.

REFERENCE BOOKS

Beer, S. H. *British Politics in the Collectivist Age.* Knopf, 1965.

Boyd, F. *British Politics in Transition 1945-63.* Praeger, 1964.

Daalder, H. *Cabinet Reform in Britain, 1914-63.* Stanford & Oxford, 1964.

Eckstein, H. "The British Political System" in Beer, S. H. and Ulam, A. B.: *Patterns of Government.* 2nd ed., Random House, 1958.

Finer, S. E. "Great Britain" in Macridis, R. C. and Ward R. D. (eds.). *Modern Political Systems: Europe.* Prentice-Hall, 1963.

Jennings, Sir I. *Parliament.* 2nd ed., Cambridge, 1957.

Jennings, Sir I. *Party Politics,* 3 vols. Cambridge, 1960-62.

Mackintosh, J. P. *The British Cabinet.* Stevens, 1962.

Morrison, H. *Government and Parliament.* 3rd ed., Oxford, 1964.

Stewart, J. D. *British Pressure Groups.* Oxford, 1958.

Taylor, E. *The House of Commons at Work.* Pelican, 1951 (or later).

Wilson, N. *The British System of Government.* Blackwell, 1963

Young, R. *The British Parliament.* Faber, 1962.

(2) *Political Theory and Economic Policy.*

TEXT BOOKS

Dahl, R. and Lindblom, C. E. *Politics, Economics, and Welfare.* Harper Torchbooks, 1963.

Wolin, S. S. *Politics and Vision.* Allen & Unwin, 1961.

REFERENCE BOOKS

Fine, S. *Laissez-Faire and the General-Welfare State,* Ann Arbor Paper-back, 1964.

- Friedmann, W. *The Planned State and the Rule of Law*. M.U.P., 1948.
 Robbins, L. *The Theory of Economic Policy*. Macmillan, 1953.
 Samuels, W. J. *The Classical Theory of Economic Policy*. The World Publishing Co., 1966.
 Shonfield, A. *Modern Capitalism*. Oxford, 1965.
 (3) *International Relations*.
International Politics in East Asia.

NOTE: A new course for which no text book has been prescribed but the following references will be used.

- Adams, Ruth. *Contemporary China*. Vintage Books, latest impression.
 Barnett, A. Doak. *Communist China and Asia*. Vintage Books, latest impression.
 Bone, R. C. *Contemporary Southeast Asia*. Random House, latest impression.
 Doolin, D. J. *Territorial Claims in the Sino-Soviet Conflict Documents—Analysis*. Stanford, 1965. Hoover Institute Studies No. 7.
 Eekelen, W. F. van. *Indian Foreign Policy and the Border Dispute with China*. Martinus Nijhoff, Hague, 1964.
 Fitzgerald, C. P. *A Concise History of East Asia*. Heinemann, 1966.
 Gupta, S. *Kashmir. A Study in India-Pakistan relations*. Asia Publishing House, 1966.
 Halperin, M. H. *China and Nuclear Proliferation*. University of Chicago, 1966. (Centre for Policy Studies).
 Halpern, A. M. (ed.). *Policies toward China. Views from Six Continents*. McGraw-Hill, 1965.
 Hinton, H. C. *Communist China in World Politics*. Houghton Mifflin, 1966.
 Lacouture, J. *Vietnam—Between Two Truces*. Vintage Books, latest impression.
 Kim, Y. H. *East Asia's Turbulent Century*. Appleton-Century-Crofts, 1966.
 Kuhn, D. and F. *The Philippines Yesterday and Today*. Holt, Rinehart and Winston, 1966.
 McNelly, T. *Sources in Modern East Asian History and Politics*. Appleton-Century-Crofts, 1967.
 Miller, J. D. B. *The Politics of the Third World*. Oxford, 1966. (Chat-ham House Essay 15.)
 Fitzgerald, C. P. *The Birth of Communist China*. Penguin, 1964.
 Kahin, G. McT. (ed.). *Governments and Politics of S.E. Asia*, 2nd ed., 1964.
 Reischauer, E. O. *Japan Past and Present*, 3rd ed., Knopf, 1964.
 Smith, R. M. *Cambodia's Foreign Policy*, 1965.
 Weekes, R. V. *Pakistan. Birth and Growth of a Muslim Nation*. Van Nostrand, 1964.

54.114 Political Science IV (Honours)

Includes: (1) a thesis: students will be required to undertake an original piece of work extending throughout the year and to submit a thesis based upon it; (2) methodology; (3) theories of politics; thorough examination of three major recent theories, for example, Max Weber's sociology of politics, the group theory of politics, behaviourism in recent American political science.

PSYCHOLOGY

12.001 Psychology I

Theory—The subject-matter and methods of psychology, the biological and social determinants of behaviour, the basic processes of personality development, motivation, perception, thinking, learning, individual differences in ability patterns, the organizing of behaviour in the developing individual and adjustment. Emphasis throughout the course is placed on scientific appraisal of human behaviour. Hypotheses and experimental and other evidence are examined for their scientific validity. *Practical*—Group experiments and demonstrations, and experience in methods of psychological observation and statistical procedures appropriate to them.

TEXT BOOKS

Part A—Theory

Whittaker, J. O. *Introduction to Psychology*. Saunders, 1965.

Whittaker, J. O. *Student's Workbook to accompany "Introduction to Psychology"*. Saunders, 1965.

Part B—Practical

Anderson, B. F. *The Psychology Experiment*. Wadsworth, 1966.

Llewellyn, K. *Statistics for Psychology I*. Univ. N.S.W. Press, 1968.

REFERENCE BOOKS

Part A—Theory

Deese, J. *Principles of Psychology*. Allyn & Bacon, 1966.

Hilgard, E. R. and Atkinson, R. C. *Introduction to Psychology*. 4th ed., Harcourt, Brace & World, 1967.

Lindgren, H. C., Byrne, D and Petrinovich, L. *Psychology: An Introduction to Behavioural Science*. Wiley, 1966.

McKeachie, W. J. and Doyle, C. L. *Psychology*. Addison Wesley, 1966.

Morgan, C. T. and King, R. A. *Introduction to Psychology*. McGraw-Hill, 1966.

Munn, N. L. *Psychology*. Houghton Mifflin, 1966.

Morgan, C. T. *Physiological Psychology*. McGraw-Hill, 1964.

Scientific American, Readings from. *Frontiers of Psychological Research*. Freeman, 1964.

Part B—Practical

McCullough, C. and Van Atta, L. *Statistical Concepts*. McGraw-Hill, 1963.

Chase, C. I. *Elementary Statistical Procedures*. McGraw-Hill, 1967.

Elzey, F. F. *A First Reader in Statistics*. Wadsworth, 1967.

Additional references on specific topics will be detailed during lectures.

12.022 Psychology II

The development and structure of personality, and associated practical work and statistics. In the theory lectures, attention is given to the effects of inter-personal relationships at successive stages of development; the

influence of hereditary and socio-economic factors upon personality variables; motivation theory within the framework of personality theory; and approaches to the description of personality structure. The practical work illustrates the lecture course content and extends to practice in interviewing and in the administration and interpretation of personality tests.

Part A—Personality.

TEXT BOOK

Sarason, I. G. *Personality: An Objective Approach*. Wiley, 1966.

REFERENCE BOOKS

Blum, G. S. *Psychodynamics: the Science of Unconscious Mental Forces*. Wadsworth, 1966.

Hall, C. S. and Lindzey, G. *Theories of Personality*. Wiley, 1957.

Lazarus, R. S. *Adjustment and Personality*. McGraw-Hill, 1961.

Martin, W. and Stendler, C. R. *Readings in Child Development*. Harcourt Brace, 1961.

Mednick, M. and Mednick, S. *Research in Personality*. Holt, Rinehart & Winston, 1964.

McCurdy, H. G. *The Personal World*. Harcourt Brace, 1961.

McNeil, E. B. *The Concept of Human Development*. Wadsworth.

Rosenblith, J. and Allinsmith, W. *The Causes of Behaviour*. Allyn & Bacon.

Sarnoff, I. *Personality Dynamics and Development*. Wiley, 1962.

Vernon, P. E. *Personality Assessment*. Methuen, 1964.

Vernon, P. E. *Personality Tests and Assessments*. Methuen, 1953.

Part B—Psychological Statistics II.

TEXT BOOK

Armour, S. J. *Introduction to Statistical Analysis and Inference*. Wiley, 1966.

REFERENCE BOOKS

Du Bois, P. H. *An Introduction to Psychological Statistics*. Harper, 1965.

Edwards, A. L. *Statistical Methods for the Behavioural Sciences*. Holt, 1954.

Ferguson, G. A. *Statistical Analysis in Psychology and Education*. McGraw-Hill, 1966.

Games, P. A. and Klare, G. R. *Elementary Statistics*. McGraw-Hill, 1967.

Guenther, W. C. *Concepts of Statistical Inference*. McGraw-Hill, 1965.

Guilford, J. P. *Fundamental Statistics in Psychology and Education*. McGraw-Hill, 1965.

McCollough, C. and Van Atta, L. *Statistical Concepts*. McGraw-Hill, 1963.

Peatman, J. G. *Introduction to Applied Statistics*. Harper, 1963.

12.032 Psychology II (Honours)

The development and structure of personality, psychological testing and associated practical work and statistics. In the theory lectures attention is given to the effects of interpersonal relationships at successive stages of development; the influence of heredity and socio-

economic factors upon personality variables; motivation theory within the framework of personality theory; approaches to the description of personality structure; and the administrative and theoretical aspects of psychological testing. The practical course illustrates the lecture course content and extends to practice in interviewing and in the administration and interpretation of personality and ability tests.

See 12.022, Parts A and B. and 12.023 Part A.

12.023 Psychology IIIA

Psychological Testing—theory and practice. A special study of the Psychology of Adjustment—phenomena, problems and reactions related to human adjustment and maladjustment; minor and major psychological disturbances; and examination of empirical data and theoretical concepts.

Part A—Psychological Testing.

TEXT BOOK

Anastasi, A. *Psychological Testing*. Macmillan, 1961.

REFERENCE BOOKS

Cronbach, L. J. *Essentials of Psychological Testing*. Harper, 1960.

Freeman, F. S. *Theory and Practice of Psychological Testing*. Holt, 1962.

Helmstadter, G. C. *Principles of Psychological Measurement*. Appleton, 1964.

Lyman, H. B. *Test Scores and What they Mean*. Prentice Hall, 1963.

Nunnally, J. C. *Tests and Measurements*. McGraw-Hill, 1959.

Vernon, P. E. *Intelligence and Attainment Tests*. U.L.P., 1960.

Vernon, P. E. *The Measurement of Abilities*. U.L.P., 1956.

Vernon, P. E. *The Structure of Human Abilities*. Methuen, 1961.

Vernon, P. E. *Personality Tests and Assessments*. Methuen, 1953.

Test Manuals published by Australian Council for Educational Research.

Part B—Psychology of Adjustment.

TEXT BOOKS

Coleman, J. C. *Abnormal Psychology and Modern Life*. 3rd ed., Scott, Foresman and Co., 1964.

Foss, B. M. (ed.). *New Horizons in Psychology*. Penguin, 1966.

Argyle, M. *The Psychology of Interpersonal Behaviour*. Penguin, 1967.

Hamilton, Max. *Abnormal Psychology*. (Penguin Modern Psychology Readings.) Penguin, 1967.

Vernon, Jack. *Inside the Black Room*. Penguin, 1966.

Kessel, N. and Walton, H. *Alcoholism*. Penguin, 1965.

Bromley, D. B. *The Psychology of Human Ageing*. Penguin, 1966.

Oswald, Ian. *Sleep*. Penguin, 1966.

REFERENCE BOOKS

Davis, D. Russell. *An Introduction to Psychopathology*. 2nd ed., Oxford U.P., 1966.

Kisker, G. W. *The Disorganised Personality*. McGraw-Hill, 1964.

Rosen, E. and Gregory, I. *Abnormal Psychology*. W. B. Saunders, 1965.

Buss, A. H. *Psychopathology*. Wiley and Sons, 1966.

Lazarus, R. S. *Psychological Stress and the Coping Process*. McGraw-Hill, 1966.

- Maher, B. A. *Principles of Psychopathology*. McGraw-Hill, 1966.
 Wolpe, J. and Lazarus, A. A. *Behaviour Therapy Techniques*. Pergamon Press, 1966.
 Sargant, W. *Battle for the Mind*. Heinemann, 1957.

12.033 Psychology IIIA (Honours)

Psychology IIIA (Honours. Parts A and B), comprising psychological statistics and two areas of special study. Candidates should plan their required reading and the selection of their areas of special study in consultation with the Head of the School of Applied Psychology.

Part A—Statistics III.

TEXT BOOK

McNemar, Q. *Psychological Statistics*. Wiley, 1962.

REFERENCE BOOKS

Detailed references will be given in lectures.

Part B—Electives.

Differential Psychology

TEXT BOOK

Tyler, L. E. *The Psychology of Human Differences*. 3rd ed., Appleton-Century, 1965.

REFERENCE BOOKS

- Anastasi, A. *Differential Psychology*. 3rd ed., Macmillan, 1958.
 Bloem, B. S. *Stability and Change in Human Characteristics*. Wiley, 1964.
 Cattell, R. B. *The Scientific Analysis of Personality*. Penguin, 1965.
 Vernon, P. E. *The Structure of Human Abilities*. 2nd ed., Methuen, 1961.

Abnormal Psychology

TEXT BOOKS

- Kisker, G. W. *The Disorganised Personality*. McGraw-Hill, 1964.
 Buss, A. H. *Psychopathology*. Wiley, 1966.
 Goldstein, M. J. and Palmer, J. O. *The Experience of Anxiety*. 1964.

REFERENCE BOOKS

- Coleman, J. C. *Abnormal Psychology and Modern Life*. 3rd ed., Scott, Foresman & Co., 1964.
 Engel, G. L. *Psychological Development in Health and Disease*. Saunders, 1962.
 Eysenck, H. J. (ed.). *Handbook of Abnormal Psychology*. 1960.
 Fenichel, O. *The Psychoanalytic Theory of Neurosis*. 1945.
 Frazer, S. H. and Carr, A. C. *Introduction to Psychopathology*. Macmillan, 1964.
 Jackson, D. D. (ed.). *The Etiology of Schizophrenia*. 1960.
 Lundin, R. W. *Principles of Psychopathology*. Merrill, 1965.
 Maher, B. A. *Principles of Psychopathology*. McGraw-Hill, 1966.
 Nemiah, J. C. *Foundations of Psychopathology*. Oxford, 1961.
 Palmer, J. O. and Goldstein, M. J. *Perspectives in Psychopathology*. Oxford, 1966.

- Robinson, H. B. and Robinson, N. M. *The Mentally Retarded Child*. McGraw-Hill, 1965.
- Rosen, E. and Gregory, I. *Abnormal Psychology*. Saunders, 1965.
- Shirley, H. F. *Pediatric Psychiatry*. 1964.
- Wolman, B. B. *Handbook of Clinical Psychology*. McGraw-Hill, 1965.
- Zax, M. and Stricker, G. *Readings in Abnormal Psychology*. Macmillan, 1964.

Child Psychology and Guidance.

TEXT BOOK

- Mussen, P. H., Conger, J. J. and Kagan, J. *Child Development and Personality*. 2nd ed., Harper and Row, 1963.

REFERENCE BOOKS

- Almy, M. and Cunningham, R. *Ways of Studying Children*. Teachers' College. Columbia University, 1959.
- Baller, W. R. *Readings in the Psychology of Human Growth and Development*. Holt, Rinehart & Winston, 1962.
- Bijou, S. and Baer, D. *Child Development: A Systematic and Empirical Theory*. Volumes 1 and 2.
- Blum, G. S. *Psychoanalytic Theories of Personality*. McGraw-Hill, 1953.
- Carbonara, N. T. *Techniques for Observing Normal Child Behaviour*. University of Pittsburgh, 1961.
- Carmichael, L. *Manual of Child Psychology*. Wiley, 1954. Second Edition.
- Dennis, W. *Readings in Child Psychology*. 2nd ed., Prentice-Hall, 1963.
- Drinkmeyer, D. C. *Child Development*. Prentice-Hall, 1965.
- Erikson, E. *Childhood and Society*. Penguin, 1965.
- Flavell, J. *The Developmental Psychology of Jean Piaget*. Van Nostrand, 1963.
- Illingworth, R. S. *An Introduction to Development Assessment in the First Year*. Heinemann, 1962.
- Johnson, R. C. and Medinnus, G. R. *Child Psychology*. Wiley, 1965.
- Liebman, S. (ed.). *Emotional Problems of Childhood*. Lippincott, 1959.
- Maier, H. W. *Three Theories of Child Development*. (Erikson, Piaget and Sears.) Harper and Row, 1965.
- Mussen, P., Conger, J. J. and Kagan, J. *Readings in Child Development and Personality*. Harper and Row, 1965.
- 62nd Yearbook of the National Society for the Study of Education (Part I): Child Psychology (Ed. H. W. Stevenson, 1963).
- Perceiving, Behaving, Becoming*. Yearbook. Washington, D.C.: Association for Supervision and Curriculum Development, 1962.
- Shirley, H. F. *Pediatric Psychiatry*. Harvard, 1963.
- Stendler, C. B. *Readings in Child Behaviour and Development*, 2nd ed. Harcourt, Brace, 1964.
- Verville, E. *Behaviour Problems of Children*. Saunders, 1967.
- Watson, E. H., and Lowrey, G. H. *Growth and Development of Children*. (3rd or later edition.) Year Book Publishers, 1958 or later.
- Watson, R. I. *Psychology of the Child*. (2nd ed, 1965 or 1966.)

Abilities and Cognition.

TEXT BOOKS

- Bruner, G. S., Goodnow, G. G., and Austin, G. A. *A Study of Thinking*. Wiley, 1956 (or paperback edition: Science Editions, 1965).
 Vernon, P. E. *The Structure of Human Abilities*. Methuen, 1961.

REFERENCE BOOKS

- Guilford, G. P. *Personality*. McGraw-Hill, 1959.
 Harper, J. C., Anderson, G. C., Christenson, C. M., Hunka, S. M. *The Cognitive Processes Readings*. Prentice-Hall, 1964.
 Piaget, G. *The Psychology of Intelligence*. Routledge and Kegan Paul, 1950.
 Spearman, C. *The Nature of Intelligence and the Principles of Cognition*. Macmillan, 1923.
 Spearman, C. *The Abilities of Man*. Macmillan, 1927.
 Spearman, C. and Wynn Jones, L. L. *Human Ability*. Macmillan, 1957.
 Thomson, G. H. *The Factorial Analysis of Human Ability*. University of London Press, 1951.
 Thurstone, L. L. *The Multiple Factor Analysis*. University of Chicago, 1947.
 Wertheimer, M. M. *Productive Thinking*. Harper, 1959.

Psychometrics

TEXT BOOKS

- Guilford, J. P. *Psychometric Methods*. McGraw-Hill, 1956.
 Miller, George A. *Mathematics and Psychology*. Wiley (Paperback).

Social Psychology

TEXT BOOK

- Hollander, E. P. *Principles and Methods of Social Psychology*. Oxford University Press, 1967.
 OR*
 Jones, E. E. and Gerard, H. B. *Foundations of Social Psychology*. Wiley, 1967.

*Selection to be made in consultation with the Head of the School of Applied Psychology.

REFERENCE BOOK

- Selltiz, C., Jahoda, M., Deutsch, M., and Cook, S. W. *Research Methods in Social Relations*. (Revised Edition). Holt, Rinehart & Winston, 1962.
 Backman, C. W. and Secord, P. F. (eds.). *Problems in Social Psychology*. McGraw-Hill, 1966.

Learning

TEXT BOOKS

- Keller, F. S. *Learning: Reinforcement Theory*. Random House, 1954.
 Mednick, S. A. *Learning*. (Foundations of Modern Psychology Series). Prentice-Hall, 1964.
 Carroll, J. B. *Language and Thought*. (Foundations of Modern Psychology Series). Prentice-Hall, 1964.

Perception

TEXT BOOK

- Dember, W. N. *The Psychology of Perception*. Holt, 1960.

REFERENCE BOOKS

- Allport, F. H. *Theories of Perception and the Concept of Structure*. Wiley, 1955.
- Bartley, S. H. *Principles of Perception*. Harper, 1958.
- Beardslee, D. C. and Wertheimer, M. (eds.). *Readings in Perception*. Nostrand, 1958.
- Bruner, J. S. and Krech, D. (eds.). *Perception and Personality*. Duke Uni. Press, 1950.
- Geldard, F. A. *The Human Senses*. Wiley, 1953.
- Gibson, J. J. *The Perception of the Visual World*. Houghton Mifflin Co., 1950.
- Ittelson, W. H. *Visual Space Perception*. Springer Pub. Co., 1960.
- Vernon, M. D. *A Further Study of Visual Perception*. Cambridge Uni. Press, 1952.
- Witkin, H. A. et al. *Personality through Perception*. Harper, 1954.

Motivation

TEXT BOOK

- Murray, E. J. *Motivation and Emotion*. Prentice-Hall Foundations of Modern Psychology Series, 1964.

REFERENCE BOOKS

- Cofer, C. N. and Appley, M. H. *Motivation: Theory and Research*. Wiley, 1964.
- Haber, R. N. (ed.). *Current Research in Motivation*. Holt, Rinehart & Winston, 1966.
- Atkinson, J. W. *An Introduction to Motivation*. Van Nostrand, 1964.
- Young, P. T. *Motivation and Emotion*. Wiley, 1961.
- McClelland, D. C. (eds.). *Studies in Motivation*. Appleton-Century-Crofts, 1955.
- Mednick, M. T. & Mednick, S. A. (eds.). *Research in Personality*. Holt, Rinehart and Winston, 1963.
- Atkinson, J. W., and Feather, N. (eds.). *Theory of Achievement Motivation*. Wiley, 1966.
- Atkinson, J. W. (ed.). *Motives in Fantasy, Action and Society*. Van Nostrand.
- Hall, J. F. *Psychology of Motivation*. Lippincott, 1961.
- Hall, J. F. *The Psychology of Learning*. Lippincott, 1966.
- Yates, A. J. *Frustration and Conflict*. Methuen, 1963.
- Brown, J. S. *The Motivation of Behaviour*. McGraw-Hill, 1961.
- Buss, A. H. *The Psychology of Aggression*. Wiley, 1961.
- Berkowitz, L. *Aggression: A Social Psychological Analysis*. McGraw-Hill, 1962.
- Peters, R. S. *The Concept of Motivation*. Routledge & Kegan Paul, 1958.
- Cattell, R. B. *Personality and Motivation, Structure and Measurement*. N.Y. World Book Co., 1957.

12.034 Psychology IIIB (Honours)

Psychology IIIB (Honours), comprising two further areas of special study. Candidates should plan their required reading and the selection of their areas of special study in consultation with the Head of the School of Applied Psychology. The areas of special study will include the fol-

lowing, although not all may be available in any one year: Abnormal Psychology, Differential Psychology, Abilities and Cognition, Psychometrics, Child Psychology, Social Psychology, Learning, Perception, Motivation, Counselling Procedures and Practices, Psychological Guidance, Human Factors Engineering, Psychopathology.

12.033 Part B plus the following:

Psychological Guidance

TEXT BOOKS

Super, D. E. and Crites, J. O. *Appraising Vocational Fitness*. Harper Intern. Student Reprint, 1962.

Tyler, L. *The Work of the Counsellor*. Appleton-Century.

REFERENCE BOOKS

Adams, J. F. (ed.). *Counselling and Guidance*. Macmillan.

Callis, R. et al. *A Casebook of Counselling*. Appleton-Century, 1955.

Counselling Procedures and Practices.

TEXT BOOKS

Krumboltz, John D (ed.). *Revolution in Counselling*. Houghton Mifflin, 1966.

Perez, Joseph F. *Counselling Theory and Practice*. Addison-Wesley, 1965.

Porter, E. H. *An Introduction to Therapeutic Counselling*. Houghton Mifflin, 1956.

Rogers, C. R. *On Becoming a Person*. Houghton Mifflin, 1961.

Sefflre, B. *Theories of Counselling*. McGraw-Hill, 1965.

REFERENCE BOOKS

Adams, J. F. *Problems in Counselling: A Case Study Approach*. Macmillan, 1962.

Adams, J. F. *Counselling and Guidance: A Summary Review*. Macmillan, 1965.

Burton, A. *Case Studies in Counselling and Psychotherapy*. Prentice Hall, 1959.

Callis, R., Polmantier, P. C. and Roeber, E. C. *A Case Book of Counselling*. Appleton-Century-Crofts, 1955.

Corsini, J. *Methods of Group Psychotherapy*. Grune & Stratton, 1957.

Ford, D. H. and Urban, H. B. *Symptoms of Psychotherapy: A Comparative Study*. Wiley, 1964.

Haley, J. *Strategies of Psychotherapy*. Grune & Stratton, 1963.

May, Rollo. *Existential Psychology*. Random House, 1965.

McGowan, J. F. and Schmidt, L. D. *Counselling: Readings in Theory and Practice*. Holt, Rinehart & Winston, 1962.

Rogers, C. R. *Client Centred Therapy*. Houghton Mifflin, 1951.

Schein, E. H. and Bennis, W. G. *Personnel and Organisational Change Through Group Methods: The Laboratory Approach*. Wiley, 1965.

Snyder, W. U. *The Psychotherapy Relationship*. Macmillan, 1961.

Standal, S. W. and Corsini, R. J. (eds.). *Critical Incidents in Psychotherapy*. Prentice Hall, 1959.

Tyler, Leona E. *The Work of the Counsellor*. Appleton-Century-Crofts, 1961.

Psychopathology.

TEXT BOOK

Cameron, N. *Personality Development and Psychopathology*. Int. Univ. Ed.

REFERENCE BOOKS

Arieti, S. (ed.). *American Handbook of Psychiatry*. 1959.

Engel, J. *Psychological Development in Health and Disease*.

Fenichel, O. *The Psychoanalytic Theory of the Neurosis*. 1945.

Freud, S. *Standard Edition of the Complete Works of Sigmund Freud*. Hogarth.

Klein, M. (ed.). *Developments in Psychoanalysis*.

Human Factors Engineering.

TEXT BOOKS

Thorndike, E. L. *Personnel Selection*. Wiley, 1947.

Bass, B. *Organizational Psychology*. Allyn & Bacon, 1966.

REFERENCE BOOK

Kern, H. W. and Gilmer B. Von Haller. *Readings in Industrial and Business Psychology*. McGraw-Hill, 1952.

12.035 Psychology IV (Honours)

Part A—General Psychology.

TEXT BOOKS

Postman (ed.). *Psychology in the Making*. Knopf.

Brown, Mandler, Hess and Galanter. *New Directions in Psychology I*. Holt, Rinehart & Winston.

Barron, Olds, Dement and Edwards. *New Directions in Psychology II*. Holt, Rinehart & Winston.

Mandler, Mussen, Kogan and Wallach. *New Directions in Psychology III*. Holt, Rinehart & Winston.

Part B—Special Fields.

To be determined in consultation with Head of School.

SOCIOLOGY

Sociology, which arose from early attempts to apply scientific methods to the study of society, embraces a great diversity of topics, and the teaching activities of the School will endeavour to give some idea of the breadth and depth of this subject matter. Students will be particularly encouraged to combine their work in sociology with an extended study of at least one of the other social sciences, and/or history and philosophy. Theoretical and methodological problems entailed in the study of society will be treated as rigorously as possible, with special attention to the comprehension and use of statistical techniques.

Teachings in the School will emphasize depth of treatment in the various branches of sociological study. For this reason, students will be required to read widely, and to regard lecture courses as providing additional illumination rather than a ready-made basis for answering examination questions. Written work will be prescribed during the academic year, and must be satisfactorily completed before admission to the annual examination.

53.111 Sociology I

There will be three sections of the course:

Part A: The Scope and Content of Sociology

An introduction to the subject matter of sociology. Concepts and methods of social analysis. Theories of society.

PRELIMINARY READING

Fyvel, T. R. (ed.). *The Frontiers of Sociology*. Cohen & West, 1964.

Merton, R. K., Broom, L. and Cottrell, L. S. (eds.). *Sociology Today*. Basic Books, 1959.

TEXT BOOKS

Berger, P. L. *Invitation to Sociology*. Penguin, 1963.

Cotgrove, S. *The Science of Society*. Allen & Unwin, 1967.

MacKenzie, N. (ed.). *A Guide to the Social Sciences*. Weidenfeld & Nicolson, 1966.

REFERENCE BOOKS

Bottomore, T. B. *Sociology*. Unwin University Books, 1962.

Bredemeier, H. C. and Stephenson, R. M. *The Analysis of Social Systems*. Holt, Rinehart & Winston, 1962.

Firth, R. *Elements of Social Organization*. 3rd ed. Watts, 1961.

Homans, G. C. *The Human Group*. Harcourt, Brace & World, 1950.

Johnson, H. M. *Sociology: A Systematic Introduction*. Harcourt, Brace & World, 1960.

McIver, R. M. and Page, C. H. *Society*. Macmillan, 1950.

Mayer, K. B. *Class and Society*. Random House, 1955.

Olmsted, M. S. *The Small Group*. Random House, 1959.

Part B: Methods of Social Research

An introduction to the problems of social research design and the practical techniques developed by social scientists.

PRELIMINARY READING

Huff, D. *How to Lie with Statistics*. Gollancz, 1954.

Lerner, D. (ed.). *The Human Meaning of the Social Sciences*. Meridian Books, 1959.

TEXT BOOKS

Elzey, F. E. *A First Reader in Statistics*. Wadsworth Publishing Co., 1957.

Madge, J. *The Tools of Social Science*. Longmans, 1953.

REFERENCE BOOKS

Ackoff, R. L. *The Design of Social Research*. University of Chicago, 1953.

Abrams, M. *Social Surveys and Social Action*. Heinemann, 1951.

Backstrom, C. and Hursh, G. D. *Survey Research*. Northwestern University, 1963.

Bartlett, F. C. et al. *The Study of Society*. Kegan Paul, 1946.

Hyman, H. H. *Survey Design and Analysis*. Free Press, 1960.

Kuhn, A. *The Study of Society*. Social Science Paperbacks, 1966.

Madge, C. and Harrison, T. *Britain by Mass-Observation*. Penguin, 1939.

Moser, C. A. *Survey Methods in Social Investigation*. Heinemann, 1958.

Parten, M. *Surveys, Polls & Samples: Practical Procedures*. Harper, 1950.

Payne, S. L. *The Art of Asking Questions*. Princeton University, 1954.

Stephan, F., McCarthy, J. and P. J. *Sampling Opinions*. Wiley, 1963.

Young, P. V. *Scientific Social Surveys and Research*. Prentice-Hall, 1949.

Part C: The Social Structure of Contemporary Australia.

Social trends since 1939, in the light of economic, demographic, cultural and political changes. The study of major institutional trends and their relation to society as a whole, with reference to comparative material wherever possible.

PRELIMINARY READING

Hancock, W. K. *Australia*. Jacaranda, 1962.

Coleman, P. (ed.). *Australian Civilization*. Cheshire, 1962.

Horne, D. *The Lucky Country*. Penguin, 1964.

TEXT BOOKS

Davies, A. F. and Encel, S. (eds.). *Australian Society*. Cheshire, 1965.

Karmel, P. H. and Brunt, M. *The Structure of the Australian Economy*. Cheshire, 1962.

Mayer, H. (ed.). *Australian Politics*. Cheshire, 1966.

Shaw, A. G. L. *The Story of Australia*. Faber, 1962.

REFERENCE BOOKS

Appleyard, R. T. *British Emigration to Australia*. A.N.U., 1964.

Aughterson, W. V. (ed.). *Taking Stock*. Cheshire, 1953.

Blishen, B. et al. *Canadian Society*. Free Press, 1961.

Borrie, W. D. *Australia*. (UNESCO Series on Immigrants), 1955.

Caiger, G. (ed.). *The Australian Way of Life*. Heinemann, 1953.

- Campbell, W. J. *Television and the Australian Adolescent*. Angus & Robertson, 1962.
- Clark, C. M. H. *A Short History of Australia*. Mentor, 1964.
- Clark, C. M. H. *Sources of Australian History*. O.U.P., 1957.
- Congalton, A. A. *Occupational Status in Australia*. Sydney, 1963.
- Connell, W. F. et al. *Growing up in an Australian City*. A.C.E.R., 1957.
- Cowan, R. W. T. (ed.). *Education for Australians*. Cheshire, 1964.
- Crawford, R. M. *Australia*. Hutchinson, 1960.
- Davies, A. F. *Images of Class*. Sydney U.P., 1966.
- Elkin, A. P. (ed.). *Marriage and the Family in Australia*. Angus & Robertson, 1957.
- Grattan, C. H. (ed.). *Australia*. California U.P., 1947.
- Grattan, C. H. *The Southwest Pacific Since 1900*. Michigan U.P., 1963.
- Greenwood, G. (ed.). *Australia. A Social and Political History*. Angus & Robertson, 1955.
- Hall, H. L. *Australia and England*. Longmans & Green, 1934.
- Jupp, J. *Arrivals and Departures*. Cheshire, 1966.
- Kewley, T. H. *Social Security in Australia*. Sydney U.P., 1965.
- Lipset, S. M. *The First New Nation*. Heinemann, 1964.
- McGregor, C. *Profile of Australia*. Hodder & Stoughton, 1966.
- MacKenzie, N. *Women in Australia*. Cheshire, 1962.
- McKeown, P. J. and Hone, B. W. *The Independent School*. O.U.P., 1967.
- McLeod, A. L. (ed.). *The Pattern of Australian Culture*. Cornell U.P., 1963.
- Martin, J. *Refugee Settlers*. Canberra, A.N.U., 1965.
- Mayer, H. (ed.). *Catholics and the Free Society*. Cheshire, 1961.
- Mayer, H. *The Press in Australia*. Cheshire, 1964.
- Power, J. *Politics in Suburbia*. Sydney U.P., 1967.
- Price, C. A. *Southern Europeans in Australia*. A.N.U., 1965.
- Pringle, J. D. *Australian Accent*. Chatto & Windus, 1958.
- Rose, A. M. (ed.). *The Institutions of Advanced Societies*. Minnesota U.P., 1958.
- Scott, D. and U'Ren, R. *Leisure*. Cheshire, 1962.
- Stoller, A. (ed.). *New Faces*. Cheshire, 1966.
- Stubbs, P. *The Hidden People*. Cheshire, 1966.
- Taft, R. *From Stranger to Citizen*. W.A.U.P., 1965, Perth.
- Ward, R. *The Australian Legend*. Angus & Robertson, 1958.
- Wheelwright, E. L. (ed.). *Higher Education in Australia*. Cheshire, 1965.
- Williams, R. M. *American Society*. Knopf, 1960.

53.112 Sociology II

There will be two sections of the course:

Part A: Methods of Social Research

A detailed study of design in social research, with particular emphasis on the scientific basis of sampling. Field work and the use of different techniques in social research. Descriptive and inductive statistics.

PRELIMINARY READING

Wilson, E. B. *An Introduction to Scientific Research*. McGraw-Hill, 1952.

TEXT BOOKS

- Doby, J. T. (ed). *An Introduction to Sociological Research*. 2nd ed. Appleton-Century-Crofts, 1967. OR
- Goode, W. J. and Hatt, P. K. *Methods in Social Research*. McGraw-Hill, 1952.
- Madge, J. *The Origins of Scientific Sociology*. Tavistock, 1963.
- Junker, B. H. *Field Work*. University of Chicago, 1960.
- Runyon, R. P. and Haber, A. *Fundamentals of Behavioural Statistics*. Addison-Wesley, 1967.

REFERENCE BOOKS

- Ackoff, R. L. *The Design of Social Research*. Univ. of Chicago, 1953.
- Berelson, B. *Content Analysis in Communications Research*. Free Press, 1952.
- Blalock, H. M. *Social Statistics*. McGraw-Hill, 1960.
- Conway, F. *Sampling, an Introduction for Social Scientists*. Allen and Unwin, 1967.
- Festinger, L. and Katz, D. (eds.). *Research Methods in the Behavioural Sciences*. Dryden Press, 1953.
- George, A. L. *Propaganda Analysis: A Study of Inferences made from Nazi Propaganda in World War II*. Row, Peterson, 1959.
- Gibson, Q. *The Logic of Social Enquiry*. Routledge, Kegan Paul, 1960.
- Hodges, J. L. and Lehmann, E. L. *Basic Concepts of Probability and Statistics*. Feffer & Simons Internat. Univ. Ed., Holden-Day, 1964.
- Hyman, H. H. *Survey Design and Analysis*. Free Press, 1960.
- Kalton, G. G. *Introduction to Statistical Ideas for Social Scientists*. Chapman & Hall, 1966.
- Kish, L. *Survey Sampling*. Wiley, 1966.
- Moroney, M. J. *Facts from Figures*. (3rd ed.) Penguin, 1956.
- Moser, C. A. *Survey Methods in Social Investigation*. Heinemann, 1958.
- North, R. C., Ole, R., Holsti, M., Zaninovich, G., Zinnes, D. A. *Content Analysis*. Northwestern University, 1963.
- Osgood, C. E. *The Measurement of Meaning*. Univ. of Illinois, 1957.
- Parten, M. *Surveys, Polls and Samples: Practical Procedures*. Harper 1950.
- Payne, S. L. *The Art of Asking Questions*. Princeton U.P., 1954.
- Selltiz, C. et al. *Research Methods in Social Relations*. Tavistock, 1966.
- Siegal, S. *Non-Parametric Statistics for the Behavioural Sciences*. McGraw-Hill, 1956.
- Stephan, F. J. and McCarthy, P. J. *Sampling Opinions*. Wiley, 1963.
- Wallis, W. A. and Roberts, H. V. *Statistics—A New Approach*. Free Press, 1956.
- Wilson, E. B. *An Introduction to Scientific Research*. McGraw-Hill, 1952.
- Young, P. V. *Scientific Social Surveys and Research*. Prentice-Hall, 1949.

Part B: Students may select, subject to approval, two course-units drawn from a variety of fields, not all of which may be available in any one year. These include the following: Comparative Sociology; Criminology; Small Groups; Social Change in Papua-New Guinea; Social

Policy; Social Stratification A and B; Social Structure and Personality; Sociology of Medicine; Sociology of Religion; Urban Sociology.

1. COMPARATIVE SOCIOLOGY

A study of national communities and their social structure. Common and disparate elements in modern industrial societies. Special emphasis will be placed on questions such as economic structure, the nature of social stratification, the social framework of education, political characteristics, and the place of ethnic minorities. The concept of "national character" and its historical perspective. In 1968 three countries will be examined: Britain, France, and the United States of America.

TEXT BOOKS

- Blondel, J. *Voters, Parties and Leaders*. Penguin, 1963.
 Cairns, J. *France*. Prentice-Hall, 1965.
 Frankenberg, R. *Communities in Britain*. Penguin, 1966.
 Marsh, R. M. *Comparative Sociology*. Harcourt, Brace & World, 1966.
 Sampson, A. *Anatomy of Britain Today*. Hodder & Stoughton, 1965.
 Williams, R. M. *American Society*. Knoff, 1951.

REFERENCE BOOKS

(a) Britain

- Bailhache, J. (translated A. Neame). *Great Britain*. Paperback Ed., Vista, 1961.
 Bott, E. *Family and Social Network*. Tavistock, 1957.
 Cole, G. D. H. *Studies in Class Structure*. Routledge, 1955.
 Glass, D. V. (ed.). *Social Mobility in Britain*. Routledge, 1963.
 Gorer, G. *Exploring English Character*. Cresset, 1955.
 Graves, R. and Hodge. *The Long Weekend—a Social History of Britain, 1918-1939*. Fair Square, 1961.
 Hall, S. and Whannel, P. *The Popular Arts*. Hutchinson, 1964.
 Harrison, T. *Britain Revisited*. Gollancz, 1961.
 Hoggart, R. *The Uses of Literacy*. Penguin, 1958.
 Jackson, B. and Marsden, D. *Education and the Working Class*. Routledge, 1962.
 Marsh, D. C. *The Changing Social Structure of England and Wales, 1871-1961*. Routledge, 1965.
 Marshall, T. H. *Citizenship and Social Class*. Cambridge U.P., 1950.
 Martin, Kingsley. *The Crown and the Establishment*. Penguin, 1965.
 Shanks, M. and Lambert, J. *Britain and the New Europe*. Chatto & Windus, 1962.
 Thomas, H. (ed.). *The Establishment*. Paperback Ed., Ace, 1962.
 Thomson, D. *England in the Twentieth Century*. Penguin, 1965.
 Welford, A. T. et al. *Society: Problems and Methods of Study*. Routledge, 1962.
 Williams, R. *Culture and Society*. Penguin, 1961.
 Williams, R. *The Long Revolution*. Penguin, 1965.
 Willmott, P. and Young, M. *Family and Class in a London Suburb*. Routledge, 1962.
 Young, M. *The Rise of the Meritocracy*. Penguin, 1959.
 Youngson, A. J. *The British Economy 1920-1957*. Allen & Unwin, 1960.
 Zweig, F. *The Worker in an Affluent Society*. Heinemann, 1962.

(b) *France*

- Aron, R. *France—Steadfast and Changing*. Harvard U.P., 1960.
 Baum, W. *The French Economy and the State*. Princeton U.P., 1958.
 Earle, E. M. (ed.). *Modern France*. Princeton U.P., 1950.
 Fourastie, J. and Laleuf, A. *Revolution à l'Ouest*. Tres Uni. de France, 1957.
 Fraser, W. R. *Education and Society in Modern France*. Routledge, 1965.
 Hadrill, J. W. and McManners, J. (eds.). *France: Government and Society*. Methuen, 1957.
 Hoffmann, S. et al. *In Search of France*. Harvard U.P., 1963.
 Mendes-France, P. *A Modern French Republic*. Weidenfeld & Nicholson, 1963.
 Metraux, R. and Mead, M. *Themes in French Culture*. Stanford U.P., 1954.
 Natanson, J. *La Révolution Scolaire*. Editions Cuvrières, 1963.
 Pickles, D. M. *The Fifth Republic*. Methuen, 1965.
 Thomson, D. *Democracy in France*. 4th ed., O.U.P., 1962.
 Wylie, L. *Village in the Vaucluse*. Harvard U.P., 1957.

(c) *U.S.A.*

- Callahan, R. *Education and the Cult of Efficiency*. Chicago U.P., 1962.
 Christenson, H. *Handbook of Marriage and the Family*. Rand McNally, 1964.
 Coleman, J. *The Adolescent Society*. Free Press, 1961.
 Eisenstadt, S. *From Generation to Generation*. Free Press, 1956.
 Faris, R. E. L. *Handbook of Modern Sociology*. Rand McNally, 1964.
 Ginsberg, E. *Values and Ideas of American Youth*. Columbia U.P., 1961.
 Halsey, A., Floud, J. and Anderson, C. *Education, Economy, and Society*. Free Press, 1961.
 Jacobs, N. *Culture for the Millions?* Van Nostrand, 1961.
 Kluckhohn, R. and Strodtbeck, F. *Variations in Value Orientations*. Row, Peterson, 1961.
 Meltzer, B., Doby, H. and Smith, P. *Education in Society*. Crowell, 1958.
 Moore, W. *Man, Time, and Society*. Wiley, 1963.
 Natan, A. *Sport and Society*. Bowes and Bowes, 1958.
 Parsons, T. and Bales, R. *Family, Socialization, and Interaction Process*. Free Press, 1955.
 Simpson, G. and Yinger, J. *Racial and Cultural Minorities*. Rev. ed. Harper, 1958.
 Smelser, N. *The Sociology of Economic Life*. Prentice-Hall, 1963.
 Spiro, M. E. *Children of the Kibbutz*. Harvard U.P., 1958.
 Tumin, M. *Inventory and Appraisal of Research on American Anti-Semitism*. Freedom Books, 1961.
 van den Berghe, P. *Race and Racism*. Wiley, 1967.
 Williams, R. *Strangers Next Door*. Prentice-Hall, 1964.

2. *CRIMINOLOGY*

The study of crime and delinquency. Theories about the causes of crime. The collection of crime statistics. Crime, the community, and the law. Penological principles and the development of correctional treatment.

TEXT BOOKS

- Mannheim, H. *Comparative Criminology*. Routledge & Kegan Paul, 1966.
 Sutherland, E. and Cressey, D. *Principles of Criminology*. Lippincott, 1966.

REFERENCE BOOKS

- Ancel, M. *Social Defence—A Modern Approach to Criminal Problems*. Routledge & Kegan Paul, 1965.
 Burt, C. *The Young Delinquent*. London U.P.
 Block and Geis. *Man, Crime and Society*. Random House, 1962.
 Clemmer, D. *The Prison Community*. Christopher Pub. Co., 1940. Boston.
 Cohen. A. *Delinquent Boys*. Routledge, 1956.
 Coser, L. *The Functions of Social Conflict*. Routledge, 1956.
 Durkheim, E. *Suicide*. Routledge, 1952.
 Gibbens, T. C. N. *Trends in Juvenile Delinquency*. W.H.O., 1961.
 Glueck, S. and E. *Predicting Delinquency and Crime*. Harvard U.P., 1959.
 Glueck, S. (ed.). *The Problem of Delinquency*. Houghton-Mifflin, 1959.
 Glueck, S. and E. *Unravelling Juvenile Delinquency*. Commonwealth Fund, 1950.
 Glaser, D. *The Effectiveness of a Prison and Parole System*. Bobbs-Merrill, 1964.
 Klare, H. J. *Anatomy of Prison*. Hutchinson, 1960.
 Kern, R. and McCorkle, L. *Criminology and Penology*. Holt, Rinehart & Winston, 1960.
 Mannheim, H. *Group Problems in Crime and Punishment*. Routledge & Kegan Paul, 1958.
 Mannheim, H. (ed.). *Pioneers of Criminology*. Stevens & Sons, 1960.
 Mannheim, H. and Wilkins, L. *Prediction Methods in Relation to Borstal Training*. H.M.S.O., 1955. London.
 Mays, J. B. *Crime and the Social Structure*. Faber, 1963.
 Morris, T. *The Criminal Area*. Routledge & Kegan Paul, 1957.
 Morris, T. and Pentonville, P. *A Sociological Study of an English Prison*. Routledge & Kegan Paul, 1963.
 President's Commission on Law Enforcement and Administration of Justice. *The Challenge of Crime in a Free Society*. G.P.O. Feb. 1967, U.S.A.
 Sheldon, W. H. *Varieties of Delinquent Youth*. Harper, 1949.
 Social Science Research Council (U.S.). *Theoretical Studies in Social Organisation of Prison*. No. 15. 1960.
 Sutherland, E. *White Collar Crime*. Holt, Rinehart & Winston, 1961.
 Sykes, G. *The Society of Captives*. Princeton U.P., 1958.
 Taft, D. and England, R. *Criminology*. 4th ed. Macmillan, 1962.
 Tappan, P. *Crime, Justice and Correction*. McGraw-Hill, 1960.
 Vold, G. B. *Theoretical Criminology*. O.U.P., 1958.
 Whyte, W. F. *Street Corner Society*. Chicago U.P., 1943.
 Wilkins, L. T. *Delinquent Generations*. H.M.S.O., 1961.
 Wilkins, L. T. *Social Deviance*. Tavistock, 1964.
 Wolfgang, M., Savitz, L. and Johnston, N. *The Sociology of Crime and Delinquency*. Wiley, 1962.
 Wootton, B. *Social Science and Social Pathology*. Allen & Unwin, 1959.

3. SMALL GROUPS

A study of the contribution of small group research to sociological knowledge. Autonomous group functioning. Group cohesiveness. Leadership.

TEXT BOOKS

- Homans, G. C. *The Human Group*. Routledge, 1951.
 Olmsted, M. S. *The Small Group*. Random House, 1959.
 Shepherd, C. R. *Small Groups*. Chandler Pub. Co., 1964, San Francisco.
 Sprott, J. L. *Human Groups*. Penguin, 1958.
 Zalesnik, A. and Moment, D. *The Dynamics of Interpersonal Behaviour*. Wiley, 1964.

REFERENCE BOOKS

1. *Experimental Groups*

(a) Collected readings.

- Cartwright, D. and Zander, A. (eds.). *Group Dynamics*, 2nd ed. Rowe, Peterson, 1960.
 Hare, A. P., Borgatta, E. F. and Bales, R. F. (eds.). *Small Groups*. Rev. ed. Knopf, 1965.

(b) Summaries of the field and attempts at synthesis.

- Collins, B. E. *A Social Psychology of Group Processes for Decisionmaking*. Wiley, 1964.
 Golembiewski, R. T. *The Small Group*. Chicago U.P., 1962.
 Hare, A. P. *Handbook of Small Group Research*. Free Press, 1962.
 Hollander, E. P. *Leaders, Groups, and Influence*. O.U.P., 1964.
 Hopkins, T. K. *The Exercise of Influence in Small Groups*. Bedminster Press, 1964.
 Klein, J. *The Study of Groups*. Routledge, 1956.
 McGrath, J. E. and Altman, I. *Small Group Research: A Synthesis and Critique of the Field*. Holt, Rinehart & Winston, 1966.
 Schutz, W. C. *FIRO—A Three Dimensional Theory of Interpersonal Behaviour*. Holt, Rinehart & Winston, 1960.
 Shils, E. A. "The Study of the Primary Group" in Lerner, D. and Lasswell, H. D. (eds.). *The Policy Sciences*. Stanford U.P., 1951.
 Thibaut, J. W. and Kelley, H. H. *The Social Psychology of Groups*. Wiley, 1959.

2. *Spontaneous Peer Groups*

- Dunphy, D. C. *Structures and Dynamics of Adolescent Groups* (unpublished monograph), 1966.
 Newcomb, T. M. and Wilson, E. K. (eds.). *College Peer Groups*. Aldine Pub. Co., 1966.
 Short, J. F. and Strodtbeck, F. L. *Group Process and Gang Delinquency*. Chicago U.P., 1965.
 Smith, E. A. *American Youth Culture—Group Life in Teenage Society*. Free Press, 1963.
 Thrasher, F. *The Gang*. Chicago U.P., 1936.
 Verba, S. *Small Groups and Political Behaviour*. Princeton U.P., 1961.
 Whyte, W. F. *Street Corner Society*. 2nd ed. Chicago U.P., 1956.

3. *Task Groups*

- Janowitz, M. *Sociology and the Military Establishment*. 2nd ed. Russell Sage Foundation, 1965.
- Lombard, G. F. *Behaviour in a Selling Group*. Plimpton Press, 1955.
- Sayles, L. R. *Behaviour in Industrial Work Groups*. Wiley, 1963.
- Thelen, H. A. *Dynamics of Groups at Work*. Chicago U.P., 1954.
- Zaleznik, A. *Worker Satisfaction and Development*. Grad. School of Business Admin., Div. of Research. Harvard Univ., 1956.

4. *Resocialization Groups*

- Bradford, L. P. et al. (eds.). *T-Group Theory and Laboratory Method*. Wiley, 1964.
- Durkin, H. *The Group in Depth*. Internat. Uni. Press, 1964.
- Mills, T. M. *Group Transformation*. Prentice-Hall, 1964.
- Rosenbaum, M. and Berger, M. *Group Psychotherapy and Group Function*. Basic Books, 1963.
- Slater, P. J. *Microcosm*. Wiley, 1966.
- Slavson, S. R. *A Textbook in Analytic Group Psychotherapy*. Internat. Univ. Press, 1964.

5. *Research Methods for the Study of Small Groups*

- Bales, R. F. *Interaction Process Analysis*. Addison-Wesley, 1951.
- Borgatta, E. F. and Crowther, B. *A Workbook for the Study of Social Interaction Processes*. Rand McNally, 1965.
- Heyns, R. W., and Lippitt, R. "Systematic Observational Techniques" in G. Lindzey (ed.). *Handbook of Social Psychology*. Addison-Wesley, 1954.
- Leary, T. *Interpersonal Diagnosis of Personality*. Ronald Pr., 1957.
- Moreno, J. L. *Sociometry, Experimental Method and the Science of Society*. Beacon House, 1951, N.Y.
- Stone, P. J., Dunphy, D. C., Smith, M. S. and Ogilvie, D. M. *The General Inquirer: A Computer Approach to Content Analysis*. M.I.T. Pr., 1966.

4. *SOCIAL CHANGE IN PAPUA-NEW GUINEA*

A study of social, political and economic changes in the territories of Papua and New Guinea. Historical background of Australian responsibility. Population, culture and economy. The structure of government and administration. The emergence of indigenous leadership.

REFERENCE BOOKS

- Bettison, D. G. et al. (eds.). *The Papua-New Guinea Elections, 1964*. A.N.U. Press, 1965.
- Crawford, J. G. et al. *The Independence of Papua and New Guinea*. Angus & Robertson, 1962.
- Essai, B. *Papua and New Guinea—A Contemporary Survey*. M.U.P., 1961.
- Fisk, E. K. (ed.). *New Guinea on the Threshold*. A.N.U. Press, 1966.
- I.B.R.D. (World Bank) *Report on Economic Development in Papua and New Guinea*. Govt. Printer, 1964, Canberra.
- Lawrence, P. *Road Belong Cargo*. M.U.P., 1964.
- Mair, L. P. *Australia in New Guinea*. Christophers, 1948.
- Report of the Commission on Higher Education in Papua-New Guinea*. Govt. Printer, 1965, Canberra.

- Rowley, C. D. *The Australians in New Guinea 1914-21*. M.U.P., 1958.
 Rowley, C. D. *The New Guinea Villager*. Cheshire, 1966.
 West, F. J. *Sir Herbert Murray*. O.U.P., 1962.
 White, O. *Parliament of a Thousand Tribes*. Heinemann, 1965.
 Wilkes, J. (ed.). *New Guinea and Australia*. Angus & Robertson, 1958.

5. SOCIAL POLICY

A study of the organisation of society for social security, health and welfare, with special reference to Australia.

TEXT BOOKS

- Kewley, T. H. *Social Security in Australia*. S.U.P., 1965.
 Rennison, G. A. *Man on his Own*. M.U.P., 1962.
 Titmuss, R. M. *Essays on the Welfare State*. Allen & Unwin, 1958.

REFERENCE BOOKS

- Aitken-Swan, J. *Widows in Australia*. N.S.W. Council of Social Service, 1962.
 Birch, A. M. *Federalism, Finance and Social Legislation*. Clarendon Press, 1955.
 Burns, E. M. *Social Security and Public Policy*. McGraw-Hill, 1956.
 Dax, E. C. *Asylum to Community*. Cheshire, 1961.
 Dickinson, F. (ed.). *Philanthropy and Public Policy*. Merrill Centre of Economics, 1962, Southampton, N.Y.
 Downing, R. I. *National Income and Social Accounts*. 9th ed. M.U.P., 1965.
 Downing, R. I. *Raising Age Pensions*. M.U.P., 1957.
 Downing, R. I. *National Superannuation*. Griffin, 1958.
 Downing, R. I. et al. *Taxation in Australia*. M.U.P., 1964.
 Hall, M. P. *Social Services of Modern England*. New Ed. Routledge, 1966.
 Hancock, K. (ed.). *The National Income and Social Welfare*. Cheshire, 1965.
 Hill, M. R. *Housing Finance in Australia*. M.U.P., 1959.
 I.L.O. *Hunger and Social Policy*. Internat. Labor Office, 1963.
 Inglis, K. S. *Hospital and Community*. M.U.P., 1958.
 Jones, K. *Mental Health and Social Policy, 1845-1959*. Routledge, 1960, London.
 Lawrence, R. J. *Professional Social Work in Australia*. A.N.U., 1965.
 McKinney, J. C. and de Vyver, F. T. *Aging and Social Policy*. Meredith Pub. Co., 1966.
 Marsh, D. C. *An Introduction to the Study of Social Administration*. Routledge, 1965.
 Marsh, D. C. *The Future of the Welfare State*. Penguin, 1964.
 Marshall, T. H. *Citizenship and Social Class*. Cambridge U.P., 1950.
 Marshall, T. H. *Social Policy*. Hutchinson, 1965.
 Mathews, R. L. *Public Expenditure in Australia*. CEDA, 1966, Melbourne.
 Mendelsohn, R. S. *Social Security in the British Commonwealth*. Athlone Press, 1954.
 Seligman, B. *Poverty as a Public Issue*. Free Press, 1965, N.Y.
 Tierney, L. *Children Who Need Help*. M.U.P., 1963.
 Wilensky, H. L. and Lebeaux, C. *Industrial Society and Social Welfare*. Russell Sage Found., 1958.

6. SOCIAL STRATIFICATION A

Social differentiation and social stratification. The historical development of social stratification. Dimensions and correlates of social stratification in contemporary societies, and the distribution of life chances. Social mobility. Theories of social stratification.

TEXT BOOKS

- Bendix, R., and Lipset, S. M. *Class, Status and Power*. 2nd ed. Free Press, 1966.
 Bottomore, T. B. *Classes in Modern Society*. Ampersand, 1955.
 Davies, A. F. *Images of Class*. S.U.P., 1966.
 Lasswell, T. E. *Class and Stratum*. Houghton-Mifflin, 1965.

REFERENCE BOOKS

- Barber, B. *Social Stratification*. Harcourt, Brace, 1957.
 Bergel, E. *Social Stratification*. McGraw-Hill, 1962.
 Bottomore, T. B. *Elites and Society*. Watts, 1964.
 Centers, R. *The Psychology of Social Classes*. Princeton U.P., 1949.
 Collison, P. *The Cutteslowe Walls: A Study in Social Class*. Faber & Faber, 1963.
 Davies, A. F. and Encel, S. *Australian Society*. Cheshire, 1965.
 Demerath, N. J. *Social Class in American Protestantism*. Rand McNally, 1965.
 Dobriner, W. M. *Class in Suburbia*. Prentice-Hall, 1963.
 Glass, D. V. (ed.). *Social Mobility in Britain*. Routledge & Kegan Paul, 1954.
 Gordon, M. M. *Social Class in American Sociology*. Duke U.P., 1958.
 Hodges, H. M. *Social Stratification: Class in America*. Schenkman, 1964.
 Keller, S. *Boy and the Ruling Class: Strategic Elites in Modern Society*. Random House, 1963.
 Komarovsky, M. *Blue-Collar Marriage*. Random House, 1964.
 Laumann, E. O. *Prestige and Association in an Urban Community*. Bobbs-Merrill, 1966.
 Lenski, G. *Power and Privilege: A Theory of Social Stratification*. McGraw-Hill, 1966.
 Lewis, R. and Maude, A. *The English Middle Classes*. Phoenix House, 1949.
 McKinley, D. G. *Social Class and Family Life*. Free Press, 1964.
 Mack, R. W. *Race, Class and Power*. American Book Co., 1963.
 Marshall, T. H. *Class, Citizenship and Social Development*. Doubleday & Co., 1965.
 Mayer, K. B. *Class and Society*. Random House, 1955.
 Mills, C. W. *White Collar*. O.U.P., 1951.
 Reiss, A. J. Jnr. *Occupations and Social Status*. Free Press, 1961.
 Schumpeter, J. *Social Classes*. Meridian Books, 1955.
 Svalastoga, K. *Prestige, Class and Mobility*. Heinemann, 1959.
 Thompson, E. P. *The Making of the English Working Class*. Pantheon Books, 1964.
 Tien, H. Y. *Social Mobility and Controlled Fertility: Family Origins and Structure of the Australian Academic Elite*. College & Univ. Press, 1965.

- Warner, W., Meeker, M. and Eels, K. *Social Class in America*. Science Research Associates, 1949. Harper, 1960.
- Whitten, N. E. *Class, Kinship, and Power in an Ecuadorian Town*. Stanford, 1964.

7. *SOCIAL STRATIFICATION B* (Available only to students who have passed in *Social Stratification A*.)

A study of social stratification in Australia, including a comparative examination of empirical data in relation to theoretical constructs. Field work will be an integral part of the course.

TEXT BOOKS

- Bendix, R. and Lipset, S. M. *Class, Status and Power; Social Stratification in Comparative Perspective*, 2nd ed. Routledge & Kegan Paul, 1967.
- Marsh, R. M. *Comparative Sociology: A Codification of Cross-Societal Analysis*. Harcourt, Brace & World, 1967.
- Svalastoga, K. *Social Differentiation*. David McKay Social Science Series, 1965.

REFERENCE BOOKS

- Barber, B. *Social Stratification*. Harcourt, Brace, 1957.
- Bergel, E. *Social Stratification*. McGraw-Hill, 1962.
- Bottomore, T. B. *Classes in Modern Society*. Ampersand, 1955.
- Bottomore, T. B. *Elites and Society*. Watts, 1964.
- Burns, C. *Parties and People*. M.U.P., 1961.
- Carlsson, G. *Social Mobility and Class Structure*. Lund, Gleerup, 1958.
- Coleman, P. (ed.). *Australian Civilization*. Cheshire, 1962.
- Dahrendorf, R. *Class and Conflict in Industrial Society*. Stanford Univ., 1964.
- Davies, A. F. *Images of Class*. S.U.P., 1966.
- Davies, A. F. and Encel, S. *Australian Society*. Cheshire, 1965.
- Eisenstadt, S. N. *Essays on Comparative Institutions*. Wiley, 1965.
- Elkin, A. P. (ed.). *Marriage and the Family in Australia*. Angus & Robertson, 1957.
- Encel, S. *Is there an Australian Power Elite?* Melb. Univ. Aust. Lab. Party Club, 1961.
- Gordon, M. M. *Social Class in American Society*. Duke U.P., 1958.
- Lenski, G. *Power and Privilege: A Theory of Social Stratification*. McGraw-Hill, 1966.
- Lipset, S. M. *The First New Nation*. Basic Books, 1963.
- Lipset, S. M. and Zetterberg, A. *A Proposal for a Comparative Study of Social Mobility—Its Causes and Consequences*. Columbia Univ. Bureau of Appld. Soc. Res., 1954.
- Lipset, S. M., and Bendix, R. *Social Mobility in Industrial Society*. Univ. of Cal. Pr., 1959.
- McGregor, C. *Profile of Australia*. Hodder & Stoughton, 1966.
- Mayer, H. (ed.). *Australian Politics*. 2nd ed. Cheshire, 1967.
- Montague, J. B. *Class and Nationality: English and American Studies*. New Haven Coll. & Univ. Pr., 1963.
- Oeser, O. A. and Hammond, S. B. *Social Structure and Personality in a City*. Routledge & Kegan Paul, 1954.

- Ossowski, S. *Class Structure in the Social Consciousness*. Free Press, 1963.
- Rose, A. (ed.). *The Institution of Advanced Societies*. Univ. of Minneapolis Pr., 1958.
- Sorokin, P. A. *Social Mobility*. Free Press, 1959.
- Svalastoga, K. *Prestige, Class and Mobility*. Heinemann, 1959.
- Ward, R. *The Australian Legend*. O.U.P., 1958.
- Whiteford, A. H. *Two Cities of Latin America: A Comparative Description of Social Classes*. Beloit College, 1960.

8. SOCIAL STRUCTURE AND PERSONALITY

A consideration of theories and research relative to the relationship between personality, culture, and social structure.

TEXT BOOKS

- Berelson, B. and Steiner, G. *Human Behaviour*. Shorter ed. Harcourt, 1967.
- Doby, J. T. *Introduction to Social Psychology*. Appleton Cent., 1966, N.Y.
- Kuhn, A. *The Study of Society*. Social Sc. Paperback. Tavistock, 1966.

REFERENCE BOOKS

- Barnouw, V. *Culture and Personality*. Dorsey, 1963.
- Bredemeier, H. and Stephenson, R. *The Analysis of Social Systems*. Holt, 1962.
- Cohen, Y. *Social Structure and Personality*. Holt, 1961.
- Gerth, H. and Mills, C. *Character and Social Structure*. Routledge, 1954.
- Gouldner, A. *Studies in Leadership*. Harper & Row, 1950.
- Hammond, P. *Cultural and Social Anthropology*. Macmillan, 1964.
- Kluckhohn, C., Murray, H. and Schneider, D. *Personality in Nature, Society, and Culture*. 2nd ed. Knopf, 1962.
- Krech, D., Crutchfield, R. and Ballachey, E. *Individual in Society*. McGraw-Hill, 1962.
- La Piere, R. *A Theory of Social Control*. McGraw-Hill, 1954.
- Lipset, S. and Lowenthal, L. *Culture and Social Character*. Free Press, 1961.
- Merton, R. *Social Theory and Social Structure*. Free Press, 1957.
- Parsons, T. *Social Structure and Personality*. Free Press, 1964.
- Riesman, D. *The Lonely Crowd*. Yale U.P., 1961.
- Secord, P. and Backman, C. *Social Psychology*. McGraw-Hill, 1964.
- Stoodley, B. *Society and Self*. Free Press, 1962.
- Toby, J. *Contemporary Society*. Wiley, 1964.
- White, R. W. *Lives in Progress*. Dryden, 1952.

9. SOCIOLOGY OF MEDICINE

An introduction to the study of the economic, social and political environment of health, disease and medical practice. Social and economic factors in epidemiology. The demographic pattern of disease, infirmity and ageing. Social factors in mental health. Cultural, ethnic and regional differences in health, disease and medical care, with special emphasis on the difference between Western and non-Western societies including Asia and New Guinea. The organisation and staffing of

medical services. The hospital as a social system. Informal patterns of medical care.

INTRODUCTORY READING

Zinsser, H. *Rats, Lice and History*.

Shryock, R. H. *The Development of Modern Medicine*. Knopf, 1947.

Moran, H. M. *Viewless Winds*. London, 1935.

TEXT BOOKS

Brockington, F. *World Health*. Penguin, 1958.

Freeman, H. E., Levine, S. and Reeder, L. G. (eds.). *Handbook of Medical Sociology*. Prentice-Hall, 1963.

Freidson, E. (ed.). *The Hospital in Modern Society*. Free Press, 1963.

Gusser, M. W. and Watson, W. *Sociology in Medicine*. O.U.P., 1963.

REFERENCE BOOKS

Apple, D. (ed.). *Sociological Studies in Health & Sickness*. McGraw-Hill, 1960.

Bloom, S. W. *The Doctor and his Patient*. Russell Sage Foundn., 1963.

Burling, T., Lentz, E. M. and Wilson, R. N. *The Give and Take in Hospitals*. Putnam, 1956.

Eckstein, H. *The English Health Service*. 1959.

Evang, K. *Health Service, Society & Medicine*, O.U.P., 1960.

Field, M. *Search for Security*. 1961, London.

Freidson, E. *Patients' Views of Medical Practice*. Russell Sage Foundation, 1961.

Galdston, I. *Medicine in Transition*. Chicago, U.P., 1966.

Halmos, P. (ed.). *Sociology and Medicine*. Sociological Review Monograph, No. 5, 1963.

Harris, S. E. *The Economics of American Medicine*. 1964.

Hollender, M. H. *The Psychology of Medical Practice*. Saunders, 1958.

Hollingshead, A. B. and Redlich, F. C. *Social Class & Mental Illness*. Wiley, 1958.

Hutchinson, B. *Old People in a Modern Australian Community*. Melbourne U.P., 1954.

Inglis, K. *Hospital and Community*. M.U.P., 1948.

Jaco, E. G. (ed.). *Patients, Physicians, and Illness*. Free Press, 1958.

Jones, M. *Social Psychiatry*. 1948.

Kessell, N. and Walton, H. *Alcoholism*. Penguin, 1965.

Lindsey, A. *Socialized Medicine in England & Wales*. 1962.

Merton, R. K., Reader, G. C. and Kendall, P. L. (eds.). *The Student Physician*. Harvard U.P., 1957.

Mendelsohn, R. *Social Security in the British Commonwealth*. Duckworth, 1954.

Opler, M. K. (ed.). *Culture and Mental Health*. Macmillan, 1959.

Paul, B. D. (ed.). *Health, Culture and Community*. Russell Sage Foundn., 1955.

Read, M. *Culture, Health & Disease*. Tavistock, 1966.

Revans, R. W. *Standards for Morale*. O.U.P., 1964.

- Sigerist, H. E. *The Sociology of Medicine*. M.D. Pubns., 1960.
- Simmons, L. W. and Wolff, H. G. *Social Science in Medicine*. Russell Sage Fdn., 1954.
- Somers, H. M. and A. R. *Doctors, Patients & Health Insurance*. Anchor, 1961.
- Stamp, L. D. *The Geography of Life & Death*. Fontana, 1964.
- Stengel, E. *Suicide and Attempted Suicide*. Penguin, 1966.
- Stoller, A. *Growing Old*. Cheshire, 1960.
- Sussman, M. B. (ed.). *Sociology & Rehabilitation*. Amer. Soc. Assn., 1966.
- The Australian and N.Z. Hospitals Year Book*. Latest ed., Horwitz & U.N.S.W.
- Titmuss, R. M. *Essays in the Welfare State*. Allen & Unwin, 1958.
- Townsend, P. *The Family Life of Old People*. Tavistock, 1957.
- Townsend, P. *The Last Refuge*. Routledge, 1965.

10. SOCIOLOGY OF RELIGION.

Neither Theology nor Comparative Religion, but the analysis of the inter-relations between ideas in religious form, religious behaviour, social structure and social behaviour generally. A study of the theoretical contribution of Durkheim, Weber and Parsons, and a particular emphasis on contemporary studies of religious behaviour and ethics in societies and communities undergoing violent change—from Black Muslims to Cargo Cults—and in the increasingly secularized modern industrialized societies.

INTRODUCTORY READING

- Berger, P. *The Noise of Solemn Assemblies*. Paperback ed., Doubleday, 1961.
- Nottingham, E. *Religion and Society*. Paperback ed., Random House.
- Yinger, J. M. *Sociology Looks at Religion*. Paperback ed., Macmillan, 1963.

TEXT BOOKS

- Bendix, R. *Max Weber, an Intellectual Portrait*. Heinemann, 1960.
- Durkheim, E. *The Elementary Forms of Religious Life*. Paperback ed., Collins, 1963.
- Glock, C. Y. and Stark, R. *Religion and Society in Tension*. Rand McNally, 1965.
- Lanternari, V. *The Religions of the Oppressed*. Paperback ed., Mentor, 1963.
- Knudten, R. D. (ed.). *The Sociology of Religion, an Anthology*. Appleton Century Crofts, 1967.
- Weber, M. *The Sociology of Religion*. Social Science Paperback, 1965.
- Wilson, B. R. *Religion in a Secular Society*. New Thinkers' Library, 1966, Watts.

REFERENCE BOOKS

- Argyle, M. *Religious Behaviour*. Routledge, 1958.
- Bellah, R. *Tokugawa Religion*. Free Press, 1957.
- Berger, P. *The Precarious Vision*. Doubleday, 1961.

- Bredemeier, H. C. and Stephenson. *The Analysis of Social Systems*. Sections 2, 9 and 10. Holt, Rinehart & Winston, 1965.
- Cantwell Smith, W. *Islam In Modern History*. Paperback ed., Mentor, 1957.
- Cohn, N. *The Pursuit of the Millenium*. Mercury, 1962.
- Essien-Udom. *Black Nationalism, The Rise of the Black Muslims in the U.S.A.* Penguin, 1966.
- Gerth, H. H. and Mills, C. W. *From Max Weber, Essays on Sociology*. Routledge, Kegan Paul, 1948.
- Herberg, W. *Protestant, Catholic, Jew*. Paperback ed., Anchor, 1960.
- Hobsbawm, E. *Primitive Rebels*. Manchester U.P., 1959.
- Hughes, S. *Consciousness and Society*. Vintage Books, 1961, N.Y.
- Inglis, K. S. *Churches and the Working Classes in Victorian England*. Routledge & Kegan Paul, 1963.
- Lenski, G. *The Religious Factor*. Paperback ed., Anchor, 1963.
- Lewis, H. D. and Slater. *World Religions*. New Thurber Library, 1966, Watts.
- Moberg, D. *Religion as a Social Institution*. Prentice Hall, 1962.
- Niebuhr, H. R. *The Social Sources of Denominationalism*. Paperback ed., Meridian, 1958.
- Parsons, T., Shils, etc. (eds.). *Theories of Society*. Free Press, 1963.
- Pritchard, E. *Theories of Primitive Religion*. O.U.P., 1965.
- Schneider, L. (ed.). *Religion, Culture and Society*. Macmillan, 1957.
- Smelser, N. (ed.). *Sociology, An Introduction*. Wiley, 1967.
- Swanson, G. E. *The Birth of the Gods*. Paperback ed., Ann Arbor, 1965.
- Tawney, R. H. *Religion and the Rise of Capitalism*. Penguin, 1948.
- Troeltsch, E. *The Social Teachings of the Christian Church*. Allen & Unwin, 1931.
- Weber, Max. *The Protestant Ethic and the Spirit of Capitalism*. Paperback ed., Allen & Unwin, 1965.
- Wilson, B. R. *Sects and Society*. Berkeley U.P., 1961.
- Yinger, J. M. *Religion, Society and the Individual*. Macmillan, 1957.

11. URBAN SOCIOLOGY.

The nature of the urban environment and the forms of social behaviour which it imposes. Patterns of daily life in cities and suburbs. Urban typology and its historical development. Social stratification in cities and country towns. Patterns of settlement in Australia. The metropolis: its character, functions, forms, problems and prospects. Interaction of land use and transportation: problems of traffic in towns.

The course will include a practical project concerned with collecting information about some aspect of urban life.

TEXT BOOKS

- Boskoff, A. *The Sociology of Urban Regions*. Appleton-Century Crofts, 1962.
- Rose, A. J. *Patterns of Cities*. Nelson, 1967.
- Wicks, J. (ed.). *Australian Cities: Chaos or Planned Growth?* Angus & Robertson, 1966.

REFERENCE BOOKS

- Alderson, S. *Britain in the Sixties: Housing*. Penguin, 1964.
- Anderson, N. *Urban Community*. Routledge & Kegan Paul, 1959.
- Beyer, S. *Housing & Society*. Macmillan, 1965, N.Y.
- Briggs, A. *Historians and the Study of Cities* (Cohen Memorial Lecture). 1960, Sydney.
- Cole, W. E. *Urban Society*. 1958, Cambridge, Mass.
- Congalton, A. A. *Status Ranking of Sydney Suburbs*. 1961, Sydney.
- Connell, W. F. *Growing up in an Australian City*. A.C.E.R., 1957.
- Cullingworth, J. B. *Housing Needs and Planning Policy*. Routledge, 1960.
- Dept. of Geography, Univ. of Syd. *Readings in Urban Growth*, 1963.
- Dickinson, R. E. *The West European City*. Routledge, 1951.
- Dickinson, R. E. *City & Region*. Routledge, 1964.
- Gans, H. J. *The Urban Villagers*. Free Press, 1962.
- Gottmann, J. *Megalopolis*. Paperback ed., M.I.T., 1964.
- Hall, P. *London 2000*.
- Hatt, P. K. and Reiss, A. J. (eds.). *Cities and Society*. Free Press, 1957.
- Hauser, P. M. and Schnore, L. F. *The Study of Urbanization*. Wiley, 1965.
- Mumford, L. *The Culture of Cities*. Harcourt Brace, 1948.
- Mumford, L. *The City in History*. Harcourt Brace, 1961, N.Y.
- Oeser, O. A. and Hammond, S. B. *Social Structure & Personality in a City*. Routledge & Kegan Paul, 1954.
- Pirenne, H. *Medieval Cities*. Anchor, 1956.
- Reissmann, L. *The Urban Process*. 1964, N.Y.
- Robson, W. A. (ed.). *Great Cities of the World*. Macmillan, 1957, N.Y.
- Sanders, I. T. *The Community*. Ronald Press, 1958.
- Scott, D. and U'Ren, R. *Leisure*. Cheshire, 1962.
- Sirjamaki, J. *The Sociology of Cities*. Random House, 1964.
- Warren, R. L. *Perspectives on the American Community*. Rand McNally, 1966.
- Weber, M. *The City*. (tr. Martindale & Neuwirth). Free Press, 1958.

53.122 Sociology II (Honours)

Sociology II (Pass), together with an extra seminar for honours students only. Students may choose one of the following topics: Psychoanalysis and sociology; Marxism and sociology; Militarism and society.

53.113 Sociology IIIA

Students may select, subject to approval, two further course-units drawn from the list given under 53.112 SOCIOLOGY II (Part B) and/or from the following additional list: Industrial Sociology; Political Sociology; Science, Technology and Society; Sociological Theory; Theory of Organization.

All students will be required to carry out, under supervision, a suitable field project.

1. INDUSTRIAL SOCIOLOGY

A course of lectures and seminars dealing with selected aspects of industrial organization, industrial conflict, occupational roles, and the impact of social change. Major topics from which the course in any one year will be drawn include the following:

(a) *The Factory as a Social System*

The division of labour, forms of authority, principal areas of conflict, and methods of finding agreement over disputed issues.

(b) *Industrial Conflict*

The economic basis of industrial conflict, the organizational forms in which conflicts are canalized, the conflict of roles, and the problems of authority and power.

(c) *Technology and Social Change*

The growth of occupational and income differentiation; social and organizational effects of innovation in industrial processes; the emergence of forms of industrial organization in response to technological and economic changes.

(d) *Special cases of occupational change*

TEXT BOOKS

- Caplow, T. *Principles of Organization*. Harcourt & Brace, 1964.
Miller, D. C. and Form, W. H. *Industrial Sociology*. Harper, 1964.

REFERENCE BOOKS

- Aron, R. *18 Lectures on Industrial Sociology*. Paperback ed., Weidenfeld & Nicolson, 1967.
Bendix, R. *Work and Authority in Industry*. Wiley, 1956; Paperback ed., Harper, 1963.
Brown, J. A. C. *The Social Psychology of Industry*. Paperback ed., Penguin, 1954.
Caplow, T. *The Sociology of Work*. Minn. U.P., 1954.
Ellul, J. *The Technological Society*. Cape, 1965.
Etzioni, A. (ed.). *The Comparative Analysis of Complex Organizations*. Free Press, 1961.
Ford, G. W. and Mathews, P. W. D. (eds.). *Australian Labour Unions*. Sun Books, 1967.
Friedmann, W. *Industrial Society*. Paperback ed. Free Press.
Gouldner, A. W. *Patterns of Industrial Bureaucracy*. Paperback ed. Free Press; Routledge, 1955.
Gouldner, A. W. *Wildcat Strike*. Paperback ed., Harper Torchbooks; Routledge, 1955.
Isaac, J. E. and Ford, G. W. (eds.). *Australian Labour Relations*. Paperback ed., Sun Books, 1967.
Jaques, E. *The Changing Culture of a Factory*. Tavistock, 1951.
Katz, D. and Kahn, R. L. *The Social Psychology of Organizations*. Wiley, 1966.
Kerr, C. et al. *Industrialism and Industrial Man*. Heinemann, 1962.

- Kornhauser, W. (ed.). *Industrial Conflict*. McGraw-Hill, 1954.
- Lafitte, P. *Social Structure and Personality in a Factory*. Routledge & Kegan Paul, 1958.
- Lipset, S. and Bendix, R. *Social Mobility in Industrial Society*. Paperback ed. U. of Cal. Pr., 1959.
- Lockwood, D. *The Blackcoated Worker*. Allen & Unwin, 1958. Paperback ed., Allen & Unwin, 1967.
- Mills, C. W. *White Collar*. O.U.P., 1951; Paperback ed., Galaxy, 1956.
- Prandy, K. *Professional Employees*. Faber, 1965.
- Sturmthal, A. (ed.). *White Collar Trade Unions*. U. of Illinois Pr., 1966.
- Symons, J. *The General Strike*. Cresset Press, 1957.
- Walker, K. F. *Industrial Relations in Australia*. Harvard U.P., 1956.
- Zweig, F. *The Worker in an Affluent Society*. Heinemann, 1961.

2. POLITICAL SOCIOLOGY

In 1968, the course will be concerned with two main questions: (a) the study of electoral behaviour; (b) the social and psychological background of political beliefs, attitudes and ideologies.

TEXT BOOKS

- Blondel, J. *Voters, Parties and Leaders*. Penguin, 1963.
- Burns, C. *Parties and People*. M.U.P., 1961.
- Campbell, A. et al. *The American Voter*. Wiley, 1960.
- Davies, A. F. *Images of Class*. S.U.P., 1966.
- Davies, A. F. *Private Politics*. M.U.P., 1966.
- Eulau, H. *The Behavioural Persuasion in Politics*. Random House, 1963.
- Lipset, S. M. *Political Man*. Mercury Books, 1960.

REFERENCE BOOKS

- Abrams, M. and Rose, R. *Must Labour Lose*. Penguin, 1960.
- Adorno, T. W. et al. *The Authoritarian Personality*. Harper, 1950.
- Almond, G. A. and Verbe, S. J. *The Civic Culture*. Princeton U.P., 1963.
- Bell, D. (ed.). *The Radical Right*. Doubleday, 1962.
- Benney, M. et al. *How People Vote*. Routledge, 1952.
- Berelson, B. et al. *Voting*. Chicago U.P., 1954.
- Berger, B. M. *Working-Class Suburb*. U. of Cal. Pr., 1960.
- Burdick, E. and Brodbeck, A. (eds.). *American Voting Behaviour*. Free Press, 1961.
- Daudt, H. *Floating Voters and the Floating Vote*. Stenfert Kroese, 1961.
- Eulau, H. and Eldersveld, S. J. (eds.). *Political Behaviour*. Free Press, 1956.
- Eysenck, H. J. *The Psychology of Politics*. Routledge, 1955.
- Fromm, E. *The Fear of Freedom*. Routledge, 1940.
- Lane, R. E. *Political Ideology*. Free Press, 1963.
- Money-Kyrle, R. E. *Psychoanalysis and Politics*. Duckworth, 1951.
- Rawson, D. W. *Australia Votes*. M.U.P., 1961.
- Riesman, D. *The Lonely Crowd*. Yale U.P., 1961.
- Riesman, D. and Glazer, N. *Faces in the Crowd*. Yale U.P., 1952.
- Rokeach, M. M. *The Open and Closed Mind*. Basic Books, 1960.
- Wood, R. C. *Suburbia*. Houghton Mifflin, 1959.
- Verba, S. J. *Small Groups and Political Behaviour*. Princeton U.P., 1961.

3. SCIENCE, TECHNOLOGY AND SOCIETY

The historical development and social background of science and technology. The influence of economic and social demands on discovery and invention. Growth of the scientific and technical professions. The application of scientific discoveries in industry. Science, technology, and the humanities. National science policies.

REFERENCE BOOKS

(a) *Historical and general*

- Bernal, J. D. *Science in History*. Watts, 1957.
 Butterfield, H. *The Origins of Modern Science*. Bell, 1950.
 Farrington, B. *Greek Science*. Penguin, 1953.
 Forbes, R. J. and Dijksterhuis, E. J. *A History of Science and Technology*. (2 vols.). Penguin, 1963.
 Haldane, J. B. S. *Science Advances*. Allen & Unwin, 1948.
 Lilley, S. *Men, Machines, and History*. 1948.
 Price, D. J. de S. *Science Since Babylon*. Yale U.P., 1961.
 Sarton, G. *A History of Science*. O.U.P., 1953-1959.
 Singer, C., Hall, A. R., Holmyard, E. J. (eds.). *A History of Technology*. O.U.P., 1954-1958.
 White, L. *Medieval Technology and Social Change*. O.U.P., 1962.

(b) *The social background of science and invention*

- Barber, B. and Hirsch, W. *The Sociology of Science*. Free Press, 1962.
 Bernal, J. D. *The Social Function of Science*. Routledge, 1939.
 Bronowski, J. *The Common Sense of Science*. Penguin, 1960.
 Gilfillan, S. C. *The Sociology of Invention*. Chicago U.P., 1935.
 Goldsmith, M. and Mackay, A. (eds.). *The Science of Science*. Souvenir Press, 1964.
 Haber, L. F. *The Chemical Industry in the 19th Century*. O.U.P., 1958.
 Marsak, L. M. *The Rise of Science in Relation to Society*. Macmillan, 1964.

(c) *The Growth of the scientific and technical professions*

- Armstrong, W. H. G. *A Social History of Engineering*. Faber, 1961.
 Ashby, E. *Technology and the Academics*. Macmillan, 1958.
 Lapp, R. E. *The New Priesthood*. Harper & Row, 1965.
 Obler, P. C. and Estrin, H. A. (eds.). *The New Scientist*. Doubleday, 1962.
 Payne, G. L. *Scientific and Technological Manpower in Great Britain*. Stanford, U.P., 1960.
 Price, D. J. de S. *Little Science, Big Science*. Paperback ed., Columbia, 1962.

- Price, D. K. *The Scientific Estate*. Belknap Press, 1964.

(d) *The problems of innovation in industry*

- Burns, T. and Stalker, G. M. *The Management of Innovation*. Tavistock, 1961.
 Carter, C. F. and Williams, B. R. *Industry & Technical Progress*. O.U.P., 1957.
 Carter, C. F. and Williams, B. R. *Investment in Innovation*. O.U.P., 1959.

- Fensham, P. J. and Hooper, D. *The Dynamics of a Changing Technology*. Tavistock, 1964.
- Jewkes, J., Sawers, D. and Stillerman, A. *The Source of Invention*. Macmillan, 1962.
- N.B.E.R. *The Rate and Direction of Inventive Activity*. Princeton U.P., 1962.
- Tybout, R. A. (ed.). *The Economics of Research & Development*. Ohio U.P., 1965.

(e) *Science, Technology and the Humanities*

- Barzun, J. *Science, the Glorious Entertainment*. Secker & Warburg, 1964.
- Blanshard, B. *Education in the Age of Science*. Basic Books, 1960.
- Boyko, H. *Science and the Future of Mankind*. W. Junker, 1960, The Hague.
- Bronowski, J. *Science and Human Values*. Hutchinson, 1961.
- Burke, J. (ed.). *The New Technology and Human Values*. Wadsworth, 1964.
- Einstein, A. *The World as I See It*. Covici, Friede, 1934.
- Leavis, F. R. *Two Cultures?* Chatto & Windus, 1962.
- Nicholson, M. H. *Science and Imagination*. Great Seal Books, 1956.
- Snow, C. P. *The Two Cultures and The Two Cultures and a Second Look*. Cambridge, 1964.
- Waddington, C. H. *The Scientific Attitude*, rev. ed., Penguin, 1948.
- Wilkinson, J. et al. *Technology and Human Values*. Center for the Study of Democratic Institutions, 1966.

(f) *National policies on science and technology*

- Appleton, E. V. *Science and the Nation*. Edinburgh U.P., 1957.
- Etzioni, A. *The Boon-Doggle*. Doubleday, 1964.
- Freeman, C. and Young, A. *The Research and Development Effort in Western Europe*. O.E.C.D., 1965. Paris.
- Gilpin, R. and Wright, C. (eds.). *Scientists and National Policy-Making*. Columbia, 1964.
- Korol, A. G. *Soviet Research and Development*. M.I.T. Press, 1965.
- Meier, R. L. *Science and Economic Development*, rev. ed. M.I.T. Press, 1966.
- O.E.C.D. (ed. Mesthene, E. G.). *Ministers Talk About Science*. Paris, 1965.
- Price, D. K. *Government and Science*. N.Y.U.Pr., 1964.
- Technology and Economic Development*. Scientific American Book. Pelican, 1965.
- Wolfe, D. L. *Science and Public Policy*. Nebraska U.P., 1959.
- Zuckerman, S. *Scientists and War*. Hamish Hamilton, 1966.

4. SOCIOLOGICAL THEORY

This section of the course will be devoted to detailed study of a small number of theorists representing different approaches to general sociological theory. Particular emphasis will be placed on the theories of Durkheim, Simmel and Parsons.

TEXT BOOKS

- Coser, L. *Georg Simmel*. Makers of Modern Social Science Series. Prentice-Hall, 1965.
- Black, M. (ed.). *The Social Theories of Talcott Parsons*. Prentice-Hall, 1961.
- Nisbet, R. *Emile Durkheim*. Makers of Modern Social Science Series. Prentice-Hall, 1965.

REFERENCE BOOKS

- Coser, L. *The Functions of Social Conflict*. Routledge & Kegan Paul, 1956.
- Durkheim, E. *The Division of Labour in Society*. Free Press, 1964.
- Durkheim, E. *Elementary Forms of the Religious Life*. Free Press, 1965.
- Durkheim, E. *The Rules of Sociological Method*. Free Press, 1964.
- Durkheim, E. *Socialism and Saint-Simon*. Routledge & Kegan Paul, 1959.
- Durkheim, E. *Sociology and Philosophy*. Cohen & West, 1953.
- Durkheim, E. *Suicide*. Routledge & Kegan Paul, 1952.
- Loomis, C. and Z. *Modern Sociological Theories*. 2nd ed. Van Nostrand, 1965.
- Mills, C. W. *The Sociological Imagination*. O.U.P., N.Y.
- Parsons, T. *Essays in Sociological Theory*. Rev. ed., Free Press, 1954.
- Parsons, T. *Structure and Process in Modern Societies*. Free Press, 1960.
- Parsons, T. *The Structure of Social Action*. Free Press, 1937.
- Parsons, T. and Bales, R. F. *Family, Socialization and Interaction Process*. Routledge & Kegan Paul, 1956.
- Parsons, T. and Smelser, N. J. *Economy and Society*. Routledge & Kegan Paul, 1956.
- Parsons, T. and others. *Theories of Society*. Free Press, 1961.
- Rex, J. *Key Problems in Sociological Theory*. Routledge, 1961.
- Simmel, G. *Conflict and The Web of Group Affiliations*. Free Press, 1964.
- Wolff, K. (ed.). *The Sociology of Georg Simmel*. Free Press, 1964.
- Wolff, K. (ed.). *Emile Durkheim, 1858-1917*. Ohio State U.P., 1960.

5. THEORY OF ORGANIZATION

This course has four main objects:

- (a) To examine the development of theories about organizational structure and organizational behaviour;
- (b) to study the connection between theories about specific organizations and wider concepts about social organization in general;
- (c) to review actual case studies of organizations at work;
- (d) to examine the relation between the organization and the individual.

REFERENCE BOOKS

I. General

- Barnard, C. I. *The Functions of the Executive*. Harvard U.P., 1938.
- Caplow, T. *Principles of Organization*. Harcourt Brace, 1964.

- Etzioni, A. *Complex Organizations*. Free Press, 1961.
- Etzioni, A. *The Comparative Study of Complex Organizations*. Free Press, 1961.
- Haire, M. (ed.). *Modern Organization Theory*. Wiley, 1959.
- March, J. G. and Simon, H. A. *Organizations*. Wiley, 1966.
- March, J. G. *Handbook of Organizations*. Rand-McNally, 1965.
- Weber, M. *The Theory of Economic and Social Organization* (tr.). Henderson & Parsons, 1947, Oxford.

II. *Bureaucracy*

- Blau, P. M. *The Dynamics of Bureaucracy*. Rev. ed., Chicago U.P., 1963.
- Blau, P. M. *Bureaucracy in Modern Society*. Random House, 1956.
- Blau, P. M. and Scott, W. R. *Formal Organizations*. Chandler Pub. Co., 1962. San Francisco.
- Crozier, M. *The Bureaucratic Phenomenon*. Tavistock, 1964.
- Gouldner, A. W. *Patterns of Industrial Bureaucracy*. Free Press, 1954.
- Merton, R. K. *Social Theory and Social Structure*. Rev. ed., Free Press, 1957.
- Merton, R. K. (ed.). *Reader in Bureaucracy*. Free Press, 1952.
- Selznick, P. *T.V.A. and the Grass Roots*. Paperback ed., Cal. Univ. P., 1949.

III. *Organizational Levels*

(a) *The individual and the organization*

- Roethlisberger, F. J. and Dixon, W. J. *Management and the Worker*. Harvard U.P., 1939.
- Argyris, C. *Personality and Organization*. Harper, 1957.
- Katz, D. and Kahn, R. *The Social Psychology of Organizations*. Wiley, 1966.
- Schein, E. H. *Organizational Psychology*. Prentice-Hall, 1965.
- Whyte, W. P. *Men at Work*. Irwin-Dorsey, 1961.
- Zaleznik, A., Christensen, C. R. and Roethlisberger, F. J. *The Motivation, Productivity and Satisfaction of Workers*. Div. of Research, Grad. Sch. of Bus. Admin. Harvard Univ., 1958.

(c) *Management*

- Berliner, J. S. *Factory and Manager in the U.S.S.R.* Harvard U.P., 1957.
- Dalton, M. *Men Who Manage*. Wiley, 1959.

(d) *Research*

- Hower, R. M. and Orth, C. D. *Managers and Scientists*. Div. of Research, Grad. Sch. of Bus. Admin. Harvard Univ., 1963.
- Marcson, S. *The Scientist in American Industry*. Harper, 1960.
- Goffman, I. *Asylums*. Anchor Books, 1961.

(e) *Non-industrial organizations*

- Janowitz, M. *Sociology and the Military Establishment*. Rev. ed., Russell Sage Found., 1965.
- Lipset, S. M., Trow, M. A. and Coleman, J. S. *Union Democracy*. Free Press, 1956.

Sayles, L. R. and Straus, H. *The Local Union*. Harper, 1953.
 Stanton and Schwartz. *The Mental Hospitals*. Basic Books, 1954.

IV. *New Directions in Organizations*

Bennis, W. *Changing Organizations*. McGraw-Hill, 1964.
 Etzioni, A. *Modern Organizations*. Prentice-Hall, 1966.
 Guest, R. H. *Organizational Change*. Dorsey, 1962.
 Jaques, E. *The Changing Culture of a Factory*. Tavistock, 1957.
 Likert, R. *New Patterns of Management*. McGraw-Hill, 1961.
 McGregor, D. *The Human Side of Enterprise*. McGraw-Hill, 1960.

V. *Casebooks*

Corbett, D. C. and Schaffer, B. B. (eds.). *Decisions*. Cheshire, 1965.
 Craig, H. F. (ed.). *Case Studies in Australian Business Administration*.
 Law Book Co., 1966.
 Lawrence, P. R. and Seiler, J. A. *Organizational Behaviour and Administration—Cases, Concepts and Research Findings*. Rev. ed., Irwin-Dorsey, 1965.
 Willson, F. M. G. *Administrators in Action*. Allen & Unwin, 1961.

53.123 Sociology IIIA (Honours)

SOCIOLOGY IIIA (Pass), together with a further course-unit chosen, subject to approval, from the lists given under 53.112 SOCIOLOGY II (Part B) and 53.113 SOCIOLOGY IIIA.

53.143 Sociology IIIB (Honours)

Available to honours students only. All students will be required to take a course in Applied Research and one other honours seminar drawn from the list given under 53.122 SOCIOLOGY II (Honours) and/or the following:

Sociology of Power
 The Sociology of Max Weber

53.114 Sociology IV (Honours)

This subject will entail three requirements:

- (a) Attendance at a work-in-progress seminar conducted jointly with post-graduate students;
- (b) A further seminar topic chosen from the lists given under 53.122 SOCIOLOGY II (Honours) and 53.143 SOCIOLOGY IIIB (Honours);
- (c) The submission of a thesis.

ANTHROPOLOGY

Students enrolled in SOCIOLOGY I may, with the approval of the Head of the School, enrol for ANTHROPOLOGY I at the University of Sydney and obtain credit for it towards the degree of Bachelor of Arts in this University.

Selected students enrolled for SOCIOLOGY II may also, with the approval of the Head of the School, enrol for ANTHROPOLOGY II at the University of Sydney and obtain credit for it towards the degree of Bachelor of Arts at this University. ANTHROPOLOGY may not be taken as a subject at the University of Sydney under these conditions unless the student concerned is enrolled in SOCIOLOGY at this University.

SPANISH

The courses offered cover the language, literature and culture of Spain and Spanish America.

The aim of first year courses is to give the student a solid foundation of grammar, syntax and vocabulary. As soon as feasible, Spanish will be used exclusively in the classroom. Extensive use will be made of the language laboratory. A study will also be made of graded literary material.

Spanish IZ is designed for those with little or no knowledge of the language. Spanish I is for students who have passed Spanish at the School Certificate level, or have successfully completed equivalent studies. Spanish I students will study more difficult material and texts. Students in Spanish IZ who wish to proceed to Spanish IIZ will be required to carry out a programme of vacation reading and study prescribed by the Head of the Department.

Spanish literature will be studied through representative literary texts, beginning with the contemporary and nineteenth century periods and proceeding to a study of the Golden Age and previous centuries. Spanish-American literary texts will first be selected from the nineteenth and twentieth centuries, and then from the colonial period and eighteenth century.

A study of Spanish and Spanish-American culture will include the plastic arts, architecture and music. The language laboratory and stereo room will be used at second and third year levels to give students the opportunity to hear classical and modern Spanish plays, and a wide variety of selected poetry and prose.

56.301 Spanish IZ

Designed for students who have little or no knowledge of the language, but who have reached Matriculation standard in a language other than English, unless the Head of the Department rules otherwise in special cases. Students who have studied Spanish up to the Leaving Certificate, Higher School Certificate or Matriculation levels may not be admitted to this course.

Students who pass Spanish IZ and wish to proceed to Spanish IIZ will be required to complete a programme of prescribed reading in the vacation.

In the first and second terms, language work predominates, but there will be some study of graded reading material. In the third term an introduction to Spanish culture will be given, and reading of Spanish literary texts will be required. Throughout the year, students will be required to submit translations and other written exercises.

TEXT BOOKS

(a) *Language*

Cuyas, A. *Revised Spanish Dictionary*. Appleton-Century-Crofts.

Méras and Roth. *Pequeno vocabulario*. Harrap.

HARRON, L. B. *Notes on Spanish Pronunciation*. Centre Educatif et Culturel and Longmans, Canada.

Harrop, L. B. *Spanish Graded Comprehension Pieces*. Centre Educatif et Culturel and Longmans, Canada.

Rogers, P. *Spanish for the First Year*. Macmillan, N.Y.

Timms, W. W. *A First Spanish Reader for Adults*. University of London.

Civilización española. Duplicated material.

(b) *Literature*

Alvarez Quintero. *Sin palabras*. University of London.

Eoff and King. *Spanish American Short Stories*. Macmillan.

Delibes, Miguel. *El camino*. Harrap.

REFERENCE BOOKS

Pequeno Larousse Ilustrado. Larousse.

Michel and López Sancho. *A B C de civilización hispánica*. Bordas.

Gili Gaya, S. *Diccionario de sinónimos*. Spes.

Burns. *España ayer y hoy*. Harrap.

56.311 Spanish I

In the First Term there will be three class periods a week devoted to pronunciation, reading comprehension, translation and composition. In addition a review of Spanish grammar will be completed. In the Second and Third Terms, the emphasis will be on literary texts and an introduction to Spanish culture.

TEXT BOOKS

(a) *Language*

Pequeno Larousse Ilustrado. Larousse.

de los Ríos and García Lorca. *Lengua viva y gramática*. Holt-Dryden.

Lentz, E. E. *A Spanish Vocabulary*. Blackie and Son.

Harrop, L. B. *Notes on Spanish Pronunciation*. Centre Educatif et Culturel.

Harrop, L. B. *Spanish Graded Comprehension Pieces*. Centre Educatif et Culturel.

Cheyne. *A Classified Spanish Vocabulary*. Harrap.

(b) *Literature*

Martínez Sierra. *Canción de cuna*. Austral.

Jiménez, Juan Ramón. *Platero y yo*. Losada.

Buero Vallejo, A. *Hoy es fiesta*. Harrap.

Walkins (ed.). *An Omnibus of Modern Spanish Prose*. Odyssey.

REFERENCE BOOKS

Cuyas, A. *Revised Spanish Dictionary*. Appleton-Century-Crofts.

Gili Gaya, S. *Diccionario de sinónimos*. Spes.

de los Ríos and García Lorca. *Cumbres de la civilización española*. Holt, Rinehart and Winston.

del Río, Angel. *Historia de la literatura española*. Vol. II, Holt, Rinehart and Winston.

56.302 Spanish IIZ

For students who have passed 56.301 Spanish IZ, and completed prescribed vacation reading. (a) Life and literature in twentieth century Spain. Emphasis will be on prose and drama. (b) Detailed analysis and discussion of modern literary texts; and language laboratory practice to develop linguistic skills.

TEXT BOOKS

- del Río, A. and García Lorca, L. de. *Lengua viva y gramática*. Holt-Dryden.
- Harrop, L. B. *Spanish Graded Comprehension Pieces*. Centre Educatif et Culturel and Longmans, Canada.
- García Lorca, Federico. *Bodas de sangre*. Contemporánea no. 141.
- Ed. by Llorens, Vicente. *Lorca: Obras escogidas*. Laurel Language Library.
- Cela, Camilo José. *La familia de Pascual Duarte*. Austral no. 1252.
- Benavente, Jacinto. *La fuerza bruta & Lo cursi*. Austral no. 305.
- Benavente, Jacinto. *Los intereses creados*. Austral no. 34.
- Alvarez Quintero, S. & J. *Malvaloca & Dona Clarines*. Austral no. 321.
- Casona, Alejandro. *Teatro*. Losada.
- Buero Vallejo, Antonio—*En la ardiente oscuridad* (Colección Teatro, Editorial Alfíl).

REFERENCE BOOKS

A. Literary works

- Cardona, Adolfo (ed.). *Novelistas españoles de hoy*. Norton.
- Azorín. *El paisaje de España visto por los españoles*. Austral no. 164.
- Ucelay da Cal, M. *Los españoles pintados por sí mismos*. Fondo de Cultura Económica.
- Buero Vallejo, Antonio. *Historia de una escalera*. University of London Press.
- Pombo Angulo, Manuel. *Hospital general*. Ancora y Delfín.
- Delibes, Miguel. *La sombra del ciprés es alargada*. Ancora y Delfín.
- Laforet, Carmen. *Nada*. Ancora y Delfín.
- Galvarriato, Eulalia. *Cinco sombras*. Ancora y Delfín.
- Cela, Camilo José. *Viaje a la Alcarria*. Austral no. 1141.

B. Works for consultation

- Harmer & Norton. *A Manual of Modern Spanish*. University Tutorial Press.
- Harrop, L. B. *Notes on Spanish Pronunciation*. Centre Educatif et Culturel and Longmans, Canada.
- Aub, Max. *Discurso de la novela española contemporánea*. Fondo de Cultura Económica.
- Mangold & Tejedor. *Lengua y vida españolas*. Editorial Mangold.
- Romera-Navarro, M. *Historia de la literatura española*. Heath.
- Valbuena Prat, Angel. *Historia del teatro español*. Editorial, Noguer.
- Correa, Calderón, E. and Lázaro Carreter, F. *Cómo se comenta un texto literario*. Anaya.

Note: Before proceeding to Spanish III those who pass Spanish IIZ will be required to undertake a course of vacation reading on the Generation of 1898.

56.332 Spanish IIZ (Honours)

The pass course plus representative Spanish poets from 1914 to the present.

TEXT BOOKS

Ed. by Sahagún Carlos. *Siete poetas contemporáneos*. Taurus.

Ed. by Llorens, Vicente. *Lorca: Obras escogidas*. Laurel Language Library.

Ed. by Campos, Jorge. *Poesía española*. Antología, Taurus.

Readings from other contemporary poets. (Duplicated material).

REFERENCE BOOKS

Ed. by Cohen, J. M. *The Penguin Book of Spanish Verse*. Penguin.

Alonso, Amado. *Materia y forma en poesía*. Gredos.

Alonso, Dámaso. *Poetas españoles contemporáneos*. Biblioteca Románica Hispánica.

56.312 Spanish II

For students who have passed 56.311 Spanish I. (a) Spanish life and literature from the Generation of 1898 to the present. Emphasis on prose and drama. (b) Detailed analysis and discussion of modern literary texts, and language laboratory practice to develop linguistic skills.

TEXT BOOKS

As for Spanish IIZ plus:

Benavente, Jacinto. *Señora ama*. Austral no. 34.

Valle Inclán, Ramón de. *Sonatas*. Austral nos. 430 and 441.

Maeztu, María de. *Antología siglo XX*. Austral no. 330.

Unamuno, Miguel. *Tres novelas ejemplares y un prólogo*. Austral no. 70.

Azorín. *Don Juan*. Austral no. 153.

REFERENCE BOOKS

As for Spanish IIZ plus:

A. Literary works

Valle Inclán, Ramón de. *Divinas palabras*. Austral no. 1320.

Miró, Gabriel. *Las cerezas del cementerio*. Contemporanea no. 242.

Unamuno, Miguel. *Andanzas y visiones españolas*. Austral no. 160.

Azorín. *Vision de España*. Austral no. 326.

Baroja, Pío. *Los amores tardíos*. Austral no. 320.

Baroja, Pío. *Paradox, rey*. Austral no. 620.

Pérez de Ayala, Ramón. *Tigre Juan*. Austral no. 198 or Las Américas, N.Y.

Romero, Luis. *La noria*. Ancorá y Delfin.

Fernández Flórez, W. *Las gafas del diablo*. Austral no. 145.

B. Works for consultation

Laín Entralgo, Pedro. *La generación del noventa y ocho*. Austral no. 874.

Maeztu, Ramiro de. *España y Europa*. Austral no. 777.

Nora, Eugenio G. de. *La novela española contemporánea*, Vols. I, II and III. Gredos.

Ed. by Patt & Nozick. *The Generation of 1898 and After*. Dodd, Mead.

Marín, Jerónimo. *España*. Scribner's.

56.322 Spanish II (Honours)

The Pass Course plus

Spanish poetry from 1898 to the present day (30 hours).

TEXT BOOKS

As for Spanish IIZ Distinction, with in addition:

Ed. by Diego, Gerardo. *Poesía española contemporánea*. Sillar, Taurus.
García Lorca, Federico. *Antología poética*. Contemporánea no. 269.

REFERENCE BOOKS

As for Spanish IIZ, with in addition:

Lacalle, Angel. *Teoría literaria*. Bosch.

Reoy, Juan. *Preceptiva literaria*. Editorial Sal Terrae.

56.313 Spanish IIIA

The Golden Age of Spanish Literature.

TEXT BOOKS

Ed. by Menéndez Pidal, Ramón. *Flor nueva de romances viejos*. Austral no. 100.

Cervantes Saavedra, Miguel de. *El ingenioso caballero, Don Quijote de la Mancha*. Ebro.

Cervantes Saavedra, Miguel de. *Rinconete y Cortadillo. La ilustre fregona*. Ebro.

Cervantes Saavedra, Miguel de. *El licenciado Vidriera. El coloquio de los perros*. Ebro.

Cohen, J. M. (ed.). *The Penguin Book of Spanish Verse*. Penguin.

Rueda, Lope de and Cervantes, Miguel de. *Pasos y entremeses*. Ebro.

Anónimo. *El lazarillo de Tormes*. Ebro.

Calderón de la Barca. *Autos sacramentales. Vol. I*. Ebro.

REFERENCE BOOKS**A. Literary works**

Alpern and Martel (ed.). *Diez comedias del Siglo de Oro*. Harper.

Quevedo, Francisco de. *Historia de la vida del Buscón*. Austral no. 24.

Moreto. *Teatro*. Clásicos Castellanos.

Rojas, Francisco de. *Teatro*. Clásicos Castellanos.

Ed. by Hesse, Everett, W. *Calderon's "La vida es sueño"*. Scribner's.

Campos, Jorge (ed.). *Poesía española*. Taurus.

Molina, Tirso de. *Teatro*. Clásicos Castellanos.

B. Works for consultation

Vossler, Carlos. *Introducción a la literatura española del Siglo de Oro*. Austral no. 511.

González Palencia, Angel. *La España del Siglo de Oro*. Oxford.

Valbuena Prat, Angel. *Historia del teatro español*. Noguer.

Chaytor, H. J. *Dramatic Theory in Spain*. Cambridge.

Encina, J. de la. *La pintura española*. Fondo de Cultura Económica.

Balbín de Lucas, Rafael. *Manual de estilística española*. Biblioteca Románica Hispánica.

Torri, J. *La literatura española*. Fondo de Cultura Económica.
 Ramsay (Revised Spaulding). *A Text-Book of Modern Spanish*. Holt.

56.323 Spanish IIIA (Honours)

The pass course plus Spanish American literature, from the colonial period to the present day.

TEXT BOOKS

- Jijena Sánchez, L. R. de. *Poesía popular y tradicional americana*. Austral no. 1114.
 Torres Rioseco. E. (ed.). *Antología de la literatura hispanoamericana*. Appleton-Century-Crofts.
 Parra, Teresa de la. *Memorias de Namá Blanca*. Pax, México.
 Uslar-Pietri, Arturo. *Las lanzas coloradas*. Contemporánea no. 64.
 Sánchez, Florencio. *Teatro*. Vol. I. Losada.
 Cortés, María Victoria (ed.). *Poesía hispanoamericana*. Taurus.

REFERENCE BOOKS

A. Literary works

- Barrios, Eduardo. *El hermano asno*. Contemporánea no. 187.
 Amorim, Enrique. *El caballo y su sombra*. Contemporánea no. 12.
 Gallegos, Rómulo. *Contacto*. Austral no. 192.
 Palma, Ricardo. *Tradiciones peruanas*. Austral no. 52.
 Menton, S. *Antología del cuento latinoamericano*. Vol I. Fondo de Cultura Económica.

B. Works for consultation

- Saz, Agustín del. *Teatro hispanoamericano*. Vol. I & II Vergara.
 Saz, Agustín del. *Resumen de historia de la novela hispanoamericana*. Editorial Atlántida.
 Henríquez Ureña, M. *Historia de la cultura en la América hispánica*. Fondo de Cultura Económica.
 Sánchez, Luis Alberto. *Escritores representativos de América*. Biblioteca Románica Hispánica.
 Pendle, George. *A History of Latin America*. Pelican.
 Carilla, Emilio. *El romanticismo en la América hispánica*. Biblioteca Románica Hispánica.
 Sánchez, Luis Alberto. *Proceso y contenido de la novela hispanoamericana*. Biblioteca Románica Hispánica.
 Mallo, Jerónimo. *Iberoamérica*. Scribner's.

56.333 Spanish IIIB

Spanish literature of the 18th and 19th Centuries, from neo-classicism to the end of modernism.

TEXT BOOKS

- Iriarte, Tomás de. *Fábulas*. Anaya.
 Ed. by Brett, Lewis E. *Nineteenth Century Spanish Plays*. Appleton-Century-Crofts.

- Alarcón, Pedro Antonio de. *El sombrero de tres picos & El capitán Veneno*. Austral no. 37.
- Valera, Juan. *Juanita la larga*. Losada.
- Perez Galdos, Benito. *Trafalgar*. Contemporánea no. 39.
- Pereda, José María de. *Penas arriba*. Anaya.
- Darío, Rubén. *Cantos de vida y esperanza*. Anaya.
- Palacio Valdés, Armando. *La hermana San Sulpicio*. Austral no. 76.
- Pardo Bazán, Emilia. *Insolación*. Austral no. 1243.
- Ed. by Altolaguirre M. *Antología de la poesía romántica española*. Austral no. 1219.

REFERENCE BOOKS

A. *Literary works*

- Gil y Garrasco, E. *El señor de Bembibre*. Ebro.
- Larra, José de. *Artículos de costumbres*. Anaya.
- Cruz, Ramón de la. *Sainetes*. Crisol, Aguilar.
- Caballero, Fernán. *La familia de Alvareda*. Austral no. 56.
- Pérez Galdós, Benito. *Misericordia*. Contemporánea no. 9.
- Palacio Valdés, Armando. *La aldea perdida*. Austral no. 368.

B. *Works for consultation*

- Peers, E. Allison. *Historia del movimiento romántico español*. Biblioteca Románica Hispánica.
- Romera-Navarro, M. *Historia de la literatura española*. Heath.
- Valbuena, Prat, Angel. *Historia del teatro español*. Noguer.
- Atkinson, William C. *A History of Spain and Portugal*. Pelican.
- Aguirre Prado, Luis. *El romanticismo*. Temas Espanoles. Publicaciones Espanolas.
- Aguirre Prado, Luis. *Teatro romántico*. Temas Espanoles. Publicaciones Espanolas.
- Lapesa, Rafael. *Introducción a los estudios literarios*. Anaya.
- Romeu de Armas, Antonio. *Historia de la España moderna*. Anaya.
- Correa Calderón, E. and Lázaro Carreter, F. *Cómo se comenta un texto literario*. Anaya.
- Henríquez Ureña, M. *Breve historia del modernismo*. Fondo de Cultura Económica.

56.343 Spanish IIIB (Honours)

The pass course plus 19th and 20th century Spanish American literature, with emphasis on the literature of social protest.

TEXT BOOKS

- Blest Cana, Alberto. *Martín Rivas*. Zig-Zag.
- Isaacs, Jorge. *María*. Austral no. 913.
- Gallegos Rómulo. *Dona Bárbara*. Austral no. 168.
- Rivera, José Eustasio. *La vorágine*. Zig-Zag.
- López y Fuentes, Gregorio. *El indio*. Fondo de Cultura Económica.
- Ed. by Cortés, María Victoria. *Poesía hispanoamericana*. Antología. Taurus.
- Azuella, Mariano. *Los de abajo*. Fondo de Cultura Económica.
- Brady & Turk. *Cuentos y comedias de América*. Houghton Mifflin.

REFERENCE BOOKS

A. *Literary works*

Ed. by Walsh. *Seis relatos americanos*. Norton.

Alegría, Ciro. *El mundo es ancho y ajeno*. Appleton-Century-Crofts.

Parra, Teresa, de la. *Ifigenia*. Ediciones Antártida, Lima.

Menton, S. *Antología del cuento latinoamericano*. Vol. II. Fondo de Cultura Económica.

Usigli, Rodolfo. *Corona de sombra*. Harrap.

B. *Works for consultation*.

Saz, Agustín del. *Resumen de historia de la novela hispanoamericana*. Editorial Atlántida.

Englekirk et al. *An Outline History of Spanish American Literature*. Appleton-Century-Crofts.

Tamayo, J. L. *Geografía de América*. Fondo de Cultura Económica.

Anderson-Imbert, Enrique. *Historia de la literatura hispanoamericana*. Vols. I & II. Fondo de Cultura Económica.

Martínez, J. L. *De la naturaleza y carácter de la literatura mexicana*. Fondo de Cultura Económica.

Silva Castro, R. *Panorama de la novela chilena*. Fondo de Cultura Económica.

Henríquez Ureña, M. *Breve historia del modernismo*. Fondo de Cultura Económica.

Pendle, George. *A History of Latin America*. Pelican.

Mallo, Jerónimo. *Iberoamérica*. Scribner's.

56.314 Spanish IV (Honours)

Four special topics will be selected each year from Spanish and Spanish American literature, ranging from the beginnings to contemporary writing. Further details may be obtained from the Department.

STATISTICS

Students majoring in Theory of Statistics select Mathematics and Statistics courses in accordance with the table set out on page 115.

10.311 Theory of Statistics I

An introduction to an axiomatic treatment of probability. Variates (univariates, multivariates, expectations, moment generating and characteristic functions). Standard distributions. Sampling distributions. Point estimation (moments, maximum likelihood, minimum χ^2 , etc.). Confidence interval estimation, exact and approximate. Elementary Neyman-Pearson theory of tests of significance, standard significance tests. Regression (including curvilinear) on a single fixed variable.

INTRODUCTORY READING

- Bross, I. D. J. *Design for Decision*. Macmillan.
 Huff, D. *How to Lie with Statistics*. Gollancz.
 Moroney, M. J. *Facts from Figures*. Pelican.
 Tippett, L. H. C. *Statistics*. Oxford University Press.

TEXT BOOKS

- Hogg, R. V. and Craig, A. T. *Introduction to Mathematical Statistics*.
 2nd ed. Macmillan.
 Kendall, M. G. and Stuart, A. *The Advanced Theory of Statistics*, Vols.
 I and II. Griffin.
Statistical Tables.

REFERENCE BOOKS

- Anderson, R. L. and Bancroft, T. A. *Statistical Theory in Research*,
 McGraw-Hill.
 Goldberg, S. *Probability: An Introduction*. Prentice-Hall.
 Mood, A. M. and Graybill, F. A. *Introduction to the Theory of Statistics*.
 McGraw-Hill.
 Parzen, M. *Modern Probability Theory and its Applications*. Wiley.
 Pearson, E. S. and Hartley, H. O. *Biometrika Tables for Statisticians*.
 Cambridge.
 Rao, C. R. *Advanced Statistical Methods in Biometric Research*. Wiley.

10.321 Theory of Statistics I (Higher)

The work of this subject will be similar to 10.311 but will be at greater depth and cover a slightly wider field. Approximately one hour extra per week will be devoted to the additional work.

INTRODUCTORY READING, TEXT AND REFERENCE BOOKS

As for 10.311 Theory of Statistics I.

10.312 Theory of Statistics II

The multivariate normal distribution. Analysis of variance: random, fixed and mixed models, with powers; randomisation tests. Stochastic processes. Contingency tables. Introduction to high speed computers. A special project on a selected topic. A selection of topics from: Sequential analysis; theory of sampling; distribution free methods; bioassay; linear programming; response surfaces; discriminant functions; theory of games; experimental design.

INTRODUCTORY READING

Cox, D. R. *Planning of Experiments*. Wiley.

TEXT BOOKS

Cochran, W. G. and Cox, G. M. *Experimental Design*. Wiley.

Feller, W. *An Introduction to Mathematical Probability and its Applications*, Vol 1. Wiley.

Graybill, F. A. *An Introduction to Linear Statistical Models*. McGraw-Hill.

Pearson, E. S. and Hartley, H. O. *Biometrika Tables for Statisticians*. Cambridge.

REFERENCE BOOKS

Anderson, T. W. *An Introduction to Multivariate Statistical Analysis*. Wiley.

Bailey, N. J. T. *The Elements of Stochastic Processes with Applications to the Natural Sciences*. Wiley.

Cochran, W. G. *Sampling Techniques*. Wiley.

Cox, D. R. *Planning of Experiments*. Wiley.

Finney, D. J. *Statistical Methods for Biological Assay*. Griffin.

Gass, S. R. *Linear Programming — Methods and Applications*. McGraw-Hill.

Kemphorne, O. *The Design and Analysis of Experiment*. Wiley.

Mood, A. M. and Graybill, F. A. *Introduction to the Theory of Statistics*. McGraw-Hill.

Rao, C. R. *Advanced Statistical Methods in Biometric Research*. Wiley.

10.322 Theory of Statistics II (Higher)

The treatment in this subject will be at greater depth and cover a somewhat wider field than 10.312 Theory of Statistics II.

INTRODUCTORY READING, TEXT AND REFERENCE BOOKS

As for 10.312 Theory of Statistics II.

10.323 Theory of Statistics III

Specialised study of topics set out below, for students attempting honours in the Science or Arts courses with a major in Statistics.

Mathematical basis. Experimental design; response surfaces.

TEXT BOOKS

As for 10.322.

REFERENCE BOOKS

- Anderson, T. W. *An Introduction to Multivariate Statistical Analysis*. Wiley.
- Bharucha-Reid, A. T. *Elements of the Theory of Markov Processes and their Applications*. McGraw-Hill.
- Davies, O. L. (Ed.). *Design and Analysis of Industrial Experiments*. Oliver and Boyd.
- Fisher, R. A. *Contributions to Mathematical Statistics*. Wiley.
- Fisz, M. *Probability Theory and Mathematical Statistics*. Wiley.
- Fraser, D. A. S. *Non Parametric Methods*. Wiley.
- Girshick, M. A. and Blackwell, D. *Theory of Games and Statistical Decisions*. Wiley.
- Gnedenko, B. V. *Theory of Probability*. Chelsea.
- Karlin, S. *Mathematical Methods and Theory in Games, Programming and Economics*. Vol. I. Addison-Wesley.
- Kempthorne, O. *The Design and Analysis of Experiment*. Wiley.
- Kendall, M. G. *A Course in Multivariate Analysis*. Griffin.
- Kullback, S. *Information and Statistics*. Wiley.
- Lehmann, E. L. *Tests of Hypotheses*. Wiley.
- Rao, C. R. *Linear Statistical Inference and its Applications*. Wiley.
- Savage, L. J. *Foundations of Statistics*. Wiley.
- Savage, L. J. *The Foundations of Statistical Inference*. Methuen.
- Scheffe, H. *The Analysis of Variance*. Wiley.
- Takacs, L. *Stochastic Processes*. Methuen.
- Wald, A. *Sequential Analysis*. Wiley.
- Wald, A. *Statistical Decision Functions*. Wiley.
- Wetherill, G. B. *Sequential Methods in Statistics*. Methuen.
- Feller, W. *An Introduction to Mathematical Probability and its Applications*. Vol. III. Wiley.
- Patil, G. P. *Classical and Contagious Discrete Distributions*. Stat. Pub. Co.

GROUP II

BIOLOGICAL SCIENCES

17.001 General and Human Biology

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

TEXT BOOK

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

REFERENCE BOOKS

Aust. Acad. Sci. *Biological Science*. 1967, Canberra.

Carter, C. O. *Human Heredity*. Penguin, 1962, Hamondsworth.

Conn, E. E. and Stumpf, P. K. *Outlines of Biochemistry*. 2nd ed., Wiley, 1966, New York.

Harrison, G. A., et al. *Human Biology*. Clarendon, 1964, Oxford.

Schmidt-Nielsen, K. S. *Animal Physiology*. Prentice-Hall, 1961, Englewood Cliffs, N.J.

Wilson, C. L. and Loomis, W. E. *Botany*. 4th ed., Holt Rinehart and Winston, 1967, New York.

17.301 Botany I

Variations in the morphology and anatomy of the Angiosperms, and an introduction to Angiosperm systematics. Plant ecology lectures and practical work in the field and laboratory dealing with the nature, measurement and inter-relationship of vegetation, soils and climate. Plant physiology: the physiology of the cell and the whole plant in relation to water and solutes. Growth and development. An introduction to photosynthesis and respiration. An introduction to genetics. Practical work to illustrate the course; obligatory field excursions.

TEXT BOOKS

Srb, A. M., Owen, R. D. and Edgar, R. S. *General Genetics*. 2nd ed., Freeman, 1965.

Alexopoulos, C. J. *Introductory Mycology*. Wiley, 1962.

Eames and McDaniels. *Introduction to Plant Anatomy*. McGraw-Hill.

OR

Esau, K. *Anatomy of Seed Plants*. Wiley, 1960.

Stafford, G. Q. *Essentials of Plant Physiology*. Heinemann, 1965.

Fogg, G. E. *The Growth of Plants*. Pelican, 1963.

Beadle, Evans and Carolin. *Handbook of the Vascular Plants of the Sydney District and Blue Mountains*. 1962.

17.401 Zoology I

Introduction to genetics, biometry and systematic classification of animals. A comparative study of the major invertebrate phyla. Introductions to parasitology and general ecology. Obligatory field excursions. Obligatory field camp during the first term vacation.

TEXT BOOKS

Barnes, R. D. *Invertebrate Zoology*. Saunders, 1963.

Borradaile, L. A. *The Invertebrata: A Manual for the use of students*.
4th ed. rev. by G. A. Kerkut. Cambridge University Press, 1961.

Elton, C. *The Ecology of Mammals*. Methuen.

Jones, A. W. *Introduction to Parasitology*. Addison-Wesley, 1967.

Snedecor, G. W. *Statistical Methods*. Iowa State Univ. Press, 1962.

Srb, A. M., Owen, R. D. and Edgar, R. S. *General Genetics*. Freeman,
2nd ed., 1965.

CHEMISTRY

2.001 Chemistry I and**2.011 Higher Chemistry I**

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

2.001 and 2.011 have a common syllabus but differ in the depth and manner of treatment of subject matter.

TEXT BOOKS

Ander and Sonnessa. *Principles of Chemistry*. Collier-Macmillan, 1966.
Sanderson. *Principles of Chemistry*. Wiley, 1967.

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

First Year Chemistry Laboratory Course. University of New South Wales, 1968.

Chemical Data Book. Wiley, 1966.

REFERENCE BOOKS

(for preliminary or supplementary reading)

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

Barrow, Kenney, Lassila, Litle and Thompson. *Programmed Supplements for General Chemistry*. Vols. I and II. Benjamin, 1963.

Benfey. *The Names and Structures of Organic Compounds*. Wiley, 1966.

Sanderson. *Chemical Periodicity*. Reinhold, 1961.

Snyder. *Chemistry, Structure and Reactions*. Holt, Rinehart and Winston, 1966.

Gray and Haight. *Basic Principles of Chemistry*. Benjamin, 1967.

Mahan. *College Chemistry*. Addison Wesley, 1966.

2.002 Chemistry II

Divided into four sections. The Physical and Analytical sections have integrated lectures:

Section I (Organic)—45 lectures, together with practical work comprising aliphatic chemistry, aromatic chemistry, and an introduction to the chemistry of high polymers.

Section II (Physical)—45 lectures, together with practical work covering the following topics:

(a) Elementary Quantum Theory. (b) The first, second and third laws of thermodynamics and their application to chemical equilibria. (c) Ideal and non-ideal solutions. (d) Electro-chemistry and ionic equilibria. (e) Chemical kinetics.

Section III (Inorganic)—20 lectures, together with practical work, dealing with co-ordination chemistry and an extension of the work covered in Chemistry I to further selected groups of elements.

Section IV (Analytical)—20 lectures, together with practical work, covering:

(a) Acid-base titrations. (b) Volumetric methods involving electron-transfer reactions. (c) Precipitation and gravimetric analysis. (d) Titrations involving precipitate and complex ion formation.

(i) *ORGANIC*

TEXT BOOKS

Roberts and Caserio. *Basic Principles of Organic Chemistry*. Benjamin, 1964.

OR

Morrison and Boyd. *Organic Chemistry*. Allyn & Bacon, 2nd ed., 1966.

Vogel. *Elementary Practical Organic Chemistry*. Part II, "Qualitative Organic Analysis". Longmans, 1957.

OR

Wild. *Characterisation of Organic Compounds*. Cambridge, 1958.

OR

Shriner, Fuson and Curtin. *Systematic Identification of Organic Compounds*. Wiley, 5th ed., 1964.

(ii) *PHYSICAL*

TEXT BOOKS

Barrow. *Physical Chemistry*. 2nd ed. McGraw-Hill, 1966.

Daniels, et al. *Experimental Physical Chemistry*. 6th ed., McGraw-Hill, 1962.

Pohl. *Quantum Mechanics for Science and Engineering*. Prentice-Hall, 1967.

Shaw. *Introduction to Colloid and Surface Chemistry*. Butterworth, 1966.

Chemical Data Book. 2nd ed. Wiley, 1966.

REFERENCE BOOKS

Glasstone. *Textbook of Physical Chemistry*. Van Nostrand or Macmillan, 1948.

Jirgensons and Straumanis. *A Short Textbook of Colloid Chemistry*. 2nd ed. Pergamon, 1962.

(iii) *INORGANIC*

TEXT BOOK

Graddon. *An Introduction to Co-ordination Chemistry*.

REFERENCE BOOKS

Barnard. *Theoretical Basis of Inorganic Chemistry*.

Bailar. *Chemistry of the Co-ordination Compounds*.

Pauling. *Nature of the Chemical Bond*.

Emeleus and Anderson. *Modern Aspects of Inorganic Chemistry*.

Sidgwick. *Chemical Elements and their Compounds*. Vols. I and II.

Remy. *Treatise on Inorganic Chemistry*. Vols. I and II.

Cotton and Wilkinson. *Advanced Inorganic Chemistry*. 2nd ed. Wiley, 1966.

Day and Selbin. *Theoretical Inorganic Chemistry*.

Sienko and Plane. *Physical Inorganic Chemistry*.

Basolo and Johnson. *Introduction to Co-ordination Chemistry*.

Lee. *Concise Inorganic Chemistry*.

(iv) *ANALYTICAL*

TEXT BOOK

Brumblay. *Quantitative Analysis*. New York, Barnes and Noble, 1960.

REFERENCE BOOKS

Laitinen. *Chemical Analysis*. New York. McGraw-Hill, 1960.

Willard, Furman and Bricker. *Elements of Quantitative Analysis*. Princeton, N.J. Van Nostrand, 1956.

Blaedel and Meloche. *Elementary Quantitative Analysis*. New York. Harper and Row, 1965, 2nd ed. I.S.R. Reprint.

GEOLOGY

25.001 Geology I

Geology in the first year is an introductory, comprehensive course which covers the general principles of Geology. It presupposes no prior knowledge of the subject.

Physical Geology

The structure and main surface features of the earth; Geological cycle—processes of erosion, transportation, sedimentation and lithification. Surface and sub-surface water. Weathering. lakes, rivers, glacial phenomena. Vulcanism, earthquakes, orogenesis and epeirogenesis. Introductory physiography.

Crystallography and Mineralogy

Introduction to crystallography—crystal symmetry, systems, forms, habit twinning.

Occurrence, form and physical properties of minerals. Descriptive mineralogy; mineral classification. Principal rock forming minerals.

Petrology

Igneous, sedimentary and metamorphic rocks—their field occurrence, lithological characteristics and structural relationships. Introduction to coal, oil and ore deposits.

Stratigraphy and Palaeontology

The basic principles of stratigraphy; introductory palaeontology. The geological time scale. An outline of the geological history of the Australian continent with more specific reference to New South Wales.

Practical Work

The preparation and interpretation of geological maps and sections. Map reading and use of simple geological instruments. The study of simple crystal forms and symmetry. The identification and description of common minerals and rocks in hand specimen. The recognition and description of examples of important fossil groups.

The course is supplemented by three field tutorials, attendance at which is compulsory.

PRELIMINARY BACKGROUND READING

Read, H. H. *Geology*. Home University Library.

TEXT BOOKS

Longwell and Flint. *Introduction to Physical Geology*. Wiley.

Read. *Rutley's Elements of Mineralogy*. Murby, London.

Dana's Minerals and How to Study Them. 1963. 3rd Science edition.

Revised by C. S. Hurlbut, Jr.

McElroy. *Explanatory Notes to Accompany the Sydney 4-mile Geological Map (with map)*. Bureau of Mineral Resources, Canberra.

REFERENCE BOOKS

- Holmes. *Principles of Physical Geology*. Revised ed. Nelson & Sons, London, 1965.
- Ford. *Dana's Textbook of Mineralogy*. Wiley.
- Dunbar. *Historical Geology*. Wiley.
- Morley Davies. *An Introduction to Palaeontology*.

25.002 Geology II

Students who have completed Geology I may, with the approval of the Head of the School of Applied Geology, proceed to Geology II.

Crystallography and Mineralogy

Morphological and physical crystallography; the stereographic projection, its properties and use in crystallography.

Introduction to the crystalline state and the use of X-ray methods in crystallography. The atomic arrangements in crystals. Elements of optical crystallography. Descriptive mineralogy of ores and minerals. A study of the major rock-forming mineral families based on the principles of crystal chemistry.

Practical work: Recognition of crystal forms. Exercises in stereographic projection. Interpretation of a simple X-ray diffraction photograph. Recognition and description of ores and minerals in hand specimen. Simple determinations of optical properties of mineral fragments. Examination of orientated crystal plates in convergent light.

Petrology

The mineralogical and physico-chemical bases to the study of igneous rock genesis and diversification. Igneous rock classification and petrography.

The commoner arenaceous and other clastic sediments.

The basic principles of metamorphism; introductory survey of the metamorphic rocks.

Practical work: Megascopic and microscopic examination of common representatives of igneous, sedimentary and metamorphic rocks and of rock-forming minerals.

Palaeontology

Systematic classification of the Invertebrate phyla, with detailed morphological study of their important subdivisions. Introduction to the principles of palaeontology and its stratigraphical applications. Introduction to palaeobotany.

Practical work: Examination and diagnostic description of representative fossils from the various phyla and study of their stratigraphical distribution.

Stratigraphy

Geological mapping. The stratigraphic column. Principles of stratigraphy, including related structural aspects. Sedimentary environments, processes and products. The stratigraphy of Australia.

Field work to illustrate the above course will be held during the year, attendance at which is compulsory. This includes one excursion of approximately one week and at least one short excursion.

Petrology I

TEXT BOOKS

Kerr. *Optical Mineralogy*. McGraw-Hill, 1959.
Williams, Turner and Gilbert. *Petrography*. Freeman, 1954.

REFERENCE BOOKS

Harker. *Petrology for Students*.
Hatch, Wells and Wells. *The Petrology of the Igneous Rocks*.
Tyrrell. *The Principles of Petrology*.
Turner and Verhoogen. *Igneous and Metamorphic Petrology*.
Harker. *Metamorphism*.
Wahlstrom. *Theoretical Igneous Petrology*. Wiley.

Palaeontology I

TEXT BOOK

Moore, Lalicker and Fischer. *Invertebrate Fossils*. McGraw-Hill, 1952.

OR

Beerbower. *Search for the Past*. Prentice-Hall, 1960.

REFERENCE BOOKS

Arnold. *An Introduction to Palaeobotany*. McGraw-Hill, 1947.
Woods. *Palaeontology Invertebrate*. Cambridge University Press.
Shrock and Twenhofel. *Principles of Invertebrate Palaeontology*. McGraw-Hill.

Stratigraphy I

TEXT BOOK

Krumbein and Sloss. *Stratigraphy and Sedimentation*. 2nd ed.

REFERENCE BOOKS

Woodford. *Historical Geology*. Freeman, 1965.
David, T. W. E. *Geology of the Commonwealth of Australia*. 3 vols.
Arnold, 1950.
Schrock. *Sequence in Layered Rocks*.

Mineralogy

TEXT BOOKS

Phillips. *An Introduction to Crystallography*.
Hurlbut (edited by). *Dana's Manual of Mineralogy*.

REFERENCE BOOK

Wahlstrom. *Optical Crystallography*. 3rd ed.

HISTORY AND PHILOSOPHY OF SCIENCE

62.111 History and Philosophy of Science I

An account of the development of astronomy, and especially of planetary theory, from its beginnings in Babylonia and Greece to its fuller flowering in the eighteenth and nineteenth centuries.

The course begins with a descriptive, non-theoretical, account of the apparent motions of the stars, the Sun, the Moon, and the naked-eye planets: motions that are easily observed without the help of any instruments. The Greek theories of these motions are presented, along with a sketch of the philosophical background of Greek science, and the synthesis of Aristotelian cosmology with Christian doctrine is portrayed.

Then the work of Copernicus is described, with some account of the impact of the heliocentric view. Tycho Brahe is looked at cursorily, Kepler and Galileo more in detail. The course concludes with a sketch of Newton's work and of the mechanistic philosophy of nature.

PRELIMINARY READING

Armitage, A. *The World of Copernicus*. Mentor.

Campbell, N. R. *What is Science?* Dover.

Toulmin, S. E. *The Philosophy of Science*. Hutchinson.

Various Authors. *The History of Science. A Symposium* (B.B.C.). Melbourne U.P.

TEXT BOOKS

Kuhn, T. S. *The Copernican Revolution*. Random House.

Cohen, I. B. *The Birth of a New Physics*. Heinemann.

Toulmin, S. E. and Goodfield, J. *The Fabric of the Heavens*. Hutchinson.

Austin, R. H. (Ed.). *Star Chart for Southern Observers*. N.S.W. University Press Ltd.

REFERENCE BOOKS

Baker, R. H. *Introduction to Astronomy*. Van Nostrand.

Bell, A. E. *Newtonian Science*. Arnold.

Berry, A. *A Short History of Astronomy*. Dover.

Boas, M. *The Scientific Renaissance*. Collins.

Butterfield, H. *The Origins of Modern Science*. Bell.

Caspar, M. (Trans. Hellman). *Kepler*. Abelard-Schuman.

Clagett, M. *Greek Science in Antiquity*. Abelard-Schuman.

Cohen, M. R. and Drabkin, I. E. *Source Book in Greek Science*. McGraw-Hill.

Collingwood, R. G. *The Idea of Nature*. Galaxy; O.U.P.

Crombie, A. C. *Augustine to Galileo*. Falcon, also Mercury.

de Santillana, G. *The Origins of Scientific Thought*. Mentor.

Dreyer, J. L. E. *History of Astronomy*. Dover.

Farrington, B. *Greek Science*. Penguin.

Fath, E. A. *Elements of Astronomy*. McGraw-Hill.

Flammarion, E. (trans. Pagel). *The Flammarion Book of Astronomy*. Allen and Unwin.

- Forbes, R. J. and Dijksterhuis, E. J. *A History of Science and Technology*. Penguin.
- Galilei, G. (trans. Drake). *Dialogue Concerning the Two Chief World Systems*. Univ. of California.
- Heath, Sir Thomas. *Aristarchus of Samos*. Oxford.
- Hogben, L. *Science for the Citizen*. Allen and Unwin.
- Hoyle, F. *Astronomy*. Doubleday.
- Holton, G. and Roller, D. *The Foundations of Modern Physical Science*. Addison-Wesley.
- Hull, L. W. H. *History and Philosophy of Science: An Introduction*. Longmans.
- Koestler, A. *The Sleepwalkers*. Hutchinson; also Penguin.
- Koyre, A. *From the Closed World to the Infinite Universe*. Johns Hopkins Univ. Also Harper.
- Lodge, Sir Oliver. *Pioneers of Science*. Dover.
- Mehlin, T. G. *Astronomy*. Wiley.
- More, L. T. *Isaac Newton*. Dover.
- Munitz, M. K. (Ed.). *Theories of the Universe*. Free Press of Glencoe.
- Nangle, J. *Stars of the Southern Heavens*. Angus and Robertson.
- Neugebauer, O. *The Exact Sciences in Antiquity*. 2nd ed. Harper.
- Orr, M. A. *An Easy Guide to Southern Stars*. Gall and Inglis.
- Pannekoek, A. *A History of Astronomy*. Allen & Unwin.
- Rogers, E. M. *Physics for the Enquiring Mind*. Oxford.
- Rosen, E. *Three Copernican Treatises*. Dover.
- Rudaux, L. and de Vaucouleurs, G. *Larousse Encyclopaedia of Astronomy*. Batchworth.
- Sambursky, S. (trans. Dagut). *The Physical World of the Greeks*. Routledge and Kegan Paul.
- Shapley, H. and Howarth. *Source Book in Astronomy*. McGraw-Hill.
- Sidgwick, J. B. *The Heavens Above*. Oxford U.P.
- Smart, W. M. *Textbook of Spherical Astronomy*. 5th ed.. Cambridge-U.P.
- Staal, J. D. W. *Focus on Stars*. Newnes.
- Walker, M. *The Nature of Scientific Thought*. Spectrum.

Students may also need to consult:

The Astronomical Ephemeris for the Year 1968 (H.M.S.O.).

The Nautical Almanac for the Year 1968 (H.M.S.O.).

Norton's Star Atlas and Telescopic Handbook. Gall and Inglis.

Many articles in the standard *encyclopaedias* will be found useful; so too will the standard short histories of science: e.g.

Dampier, W. C. *History of Science*. Cambridge.

Sarton, G. *A Short History of Science*. Oxford.

Singer, C. *A Short History of Science*. Oxford.

62.112 History and Philosophy of Science II

An account of the developments in geology, biology and related sciences leading up to the work of Darwin and Wallace, and of the Darwinian revolution itself and its impact on western thought. The account is not restricted to the history of the sciences concerned, but the historical developments are used to illustrate the dynamics of scientific progress, scientific method, the structure of scientific theory and the complex interrelations of scientific, philosophical, religious, political and other ideas.

TEXT BOOKS

- Darwin, C. *The Origin of Species*. 6th ed. Collier, 1962.
 Geikie, A. *The Founders of Geology*. Dover, 1962.
 Gillispie, C. D. *Genesis and Geology*. Harper, 1959.
 Greene, J. C. *The Death of Adam*. Mentor, 1961.

REFERENCE BOOKS

- Adams, F. D. *The Birth and Development of the Geological Sciences*. Dover, 1954.
 Bailey, E. *Charles Lyell*. Doubleday, 1963.
 Bailey, E. *James Hutton—the Founder of Modern Geology*. Elsevier 1967.
 Bell, P. R. *Darwin's Biological Work*. Wiley, 1964.
 Bodenheimer, F. S. *The History of Biology, an Introduction*. Dawson, 1958.
 Coleman, W. *Georges Cuvier, Zoologist*. Harvard U.P., 1964.
 Darwin, C. (ed. Darwin, F.). *Charles Darwin's Autobiography*. Collier, 1961.
 Darwin, C. *The Voyage of the Beagle*. Everyman, 1961.
 de Beer, G. *Charles Darwin, Evolution and Natural Selection*. Nelson, 1963.
 Easley, L. *Darwin's Century*. Gollancz, 1959.
 Glass, B., etc. (eds.). *Forerunners of Darwin, 1745-1859*. Johns Hopkins, 1959.
 Greene, J. C. *Darwin and the Modern World View*. Mentor, 1963.
 Haber, F. C. *The Age of the World: Moses to Darwin*. Baltimore, 1959.
 Hall, T. S. *A Source in Animal Biology*. Hafner, 1964.
 Hooykaas, R. *The Principle of Uniformity in Geology, Biology and Theology*. Leiden, 1963.
 Irvine, W. *Apes, Angels and Victorians*. Meridian, 1959.
 Lack, D. *Evolutionary Theory and Christian Belief*. Methuen, 1957.
 Lovejoy, A. O. *The Great Chain of Being*. Harper, 1960.
 Lyell, C. *The Principles of Geology*. John Murray. 9th ed.
 Mather, K. F. and Mason, S. O. *A Source Book in Geology*. Hafner, 1964.
 Millhauser, M. *Just Before Darwin, Robert Chambers and the Vestiges*. Wesleyan U.P., 1959.
 Nordenskiöld, E. *The History of Biology*. Tudor, 1928.
 Playfair, J. *Illustrations of the Huttonian Theory of the Earth*. Dover, 1956.
 Read, H. H. *Geology*. Oxford U.P., 1963.
 Rudwick, M. J. S. *History of Palaeontology*. Oldbourne, 1966.
 Singer, C. *A History of Biology*. Abelard-Schuman, 1959.
 Stirton, R. A. *Time, Life and Man*. Wiley, 1959.
 Toulmin, S. E. and Goodfield, J. *The Discovery of Time*. Hutchinson, 1965.

62.122 History and Philosophy of Science II (Honours)

Consists of the work prescribed for the Pass course (62.112) with an additional course dealing with the history of science from antiquity to the 16th century. This course is concerned with the origins and nature of the scientific enterprise, its emergence in ancient Greece, and its fortunes during the medieval and early modern periods. An account of ancient and medieval technology is included and particular attention is given to the non-mathematical sciences (chiefly biology and chemistry). The individual sciences, however, are treated in the context of the scientific movement as a whole.

TEXT BOOKS

- Forbes, R. J. and Dijksterhuis, E. J. *A History of Science and Technology*. Vol. I. Penguin.
 Santillana, G. *The Origins of Scientific Thought*. Mentor.
 Farrington, B. *Greek Science*. Penguin.
 Crombie, A. C. *Augustine to Galileo*. 2 vols. Mercury.

REFERENCE BOOKS

- Boas, M. *The Scientific Renaissance*. Collins.
 Clagett, M. *Greek Science in Antiquity*. Collier.
 Cornford, F. M. *Before and After Socrates*. Cambridge U.P.
 Derry, T. K. and Williams, T. I. *A Short History of Technology*. Oxford U.P.
 Dijksterhuis, E. J. *The Mechanization of the World Picture*. Oxford U.P.
 Forbes, R. J. *Man the Maker*. Constable.
 Frankfort, H. *Before Philosophy*. Penguin.
 Guthrie, W. K. C. *The Greek Philosophers*. Methuen.
 Hall, A. R. and Hall, M. B. *A Short History of Science*. Signet.
 Haskins, C. H. *The Renaissance of the Twelfth Century*. Meridian.
 Hull, L. W. H. *History and Philosophy of Science*. Longmans.
 Kitto, H. D. F. *The Greeks*. Penguin.
 Kline, M. *Mathematics in Western Culture*. Allen and Unwin.
 Livingstone, R. W. *The Legacy of Greece*. Oxford U.P.
 Mason, S. F. *A History of the Sciences*. Routledge.
 Mumford, L. *Technics and Civilization*. Routledge.
 O'Leary, D. L. *Arabic Thought and its Place in History*. Routledge.
 Sambursky, S. *The Physical World of the Greeks*. Routledge.
 Sarton, G. *A History of Science*. Oxford U.P.
 Singer, C. *A Short History of Scientific Ideas*. Oxford U.P.
 Toulmin, S. E. and Goodfield, J. *The Architecture of Matter*. Hutchinson.
 Weisheipl, J. A. *The Development of Physical Theory in the Middle Ages*. Sheed and Ward.
 Winter, H. J. J. *Eastern Science*. Murray.

62.113 History and Philosophy of Science IIIA

A historical account of the development of the scientific movement, to the 20th century, in relation to: (a) its social and cultural environment and the effects of social structures and social forces upon it; (b) its internal social organization; (c) its effects, intellectual and material, upon society. The course deals with such topics as: the different national contexts of the scientific movement; its relations with the state in different countries at different times; its relations with the universities and other teaching institutions; its social composition at various times; the communications system in science; the nature and functions of scientific societies and academies; the influence of technology on science and of science on technology; the emergence of the scientific profession; its characteristics and its relations with other professions, especially medicine and engineering. The intellectual influence of science on society, already treated in H.P.S. I and II in connection with the Copernican and Darwinian Revolutions, is further discussed in other connections. In the early part of the course there is a fairly detailed account of the influence on the scientific movement of the ideas of Bacon and Descartes.

TEXT BOOKS

No text book is prescribed for the course. Selections from primary sources, reading lists, and other material will be issued by the School.

REFERENCE BOOKS

- Armstrong, W. H. G. *A Social History of Engineering*. Faber.
 Ashby, E. *Technology and the Academics*. Macmillan.
 Bacon, F. (ed. Anderson, F. H.). *The New Organon and Related Writings*. Bobbs-Merrill.
 Barber, B. *Science and the Social Order*. Collier.
 Blake, R. M., Ducasse, C. J. and Madden, E. H. *Theories of Scientific Method*. Washington U.P.
 Brown, H. *Scientific Organizations in 17th Century France*. William and Wilkins.
 Burt, E. A. *The Metaphysical Foundations of Modern Physical Science*. Anchor Books.
 Cardwell, D. S. L. *The Organization of Science in England*. Heinemann.
 Clark, G. N. *Science and Social Welfare in the Age of Newton*.
 Copleston, F. *A History of Philosophy*. Vol. 4. Doubleday.
 Descartes, R. (trans. Veitch). *A Discourse on Method*. Everyman.
 Descartes, R. (ed. Eaton, R. M.). *Descartes Selections*. Scribner's.
 Galilei, G. (trans. Crew, H. and Salvio, A. de.). *Two New Sciences*. McGraw-Hill.
 Galilei, G. (trans. and ed. Drake, S.). *Discoveries and Opinions of Galileo*. Anchor Books.
 Hagstrom, W. O. *The Scientific Community*. Basic Books.
 Hall, A. R. *From Galileo to Newton, 1630-1720*. Collins.
 Hampshire, S. *The Age of Reason. The Seventeenth Century Philosophers*. Mentor.
 Kuhn, T. S. *The Structure of Scientific Revolutions*. Chicago U.P.
 Lilley, S. *Essays on the Social History of Science*. Centaurus.
 Marsak, L. M. *The Rise of Science in Relation to Society*. Macmillan.
 Mason, S. F. *A History of the Sciences*. Routledge.

- Merz, J. T. *A History of European Thought in the 19th Century*. (Vol. I). Dover.
- Ornstein, M. *The Role of Scientific Societies in the 17th Century*. Chicago U.P.
- Purver, M. *The Royal Society—Concept and Realization*. Routledge.
- Smith, P. *The Enlightenment*. Collier.
- Storer, N. W. *The Social System of Science*. Holt.
- Thayer, H. S. *Newton's Philosophy of Nature*. Hefner.
- Toulmin, S. *Foresight and Understanding*. Harper Torchbooks.
- Whitehead, A. N. *Science and the Modern World*. Mentor.
- Wiley, B. *The Seventeenth Century Background*. Penguin.

62.123 History and Philosophy of Science IIIA (Honours)

The course consists of the following two parts. (In the case of candidates for a degree in combined special studies portions of the following syllabus may be replaced by other work.)

1. The work prescribed for the pass course (62.113).
2. An historically based course in the Philosophy of Science. Extensive reference is made to historical material drawn from topics discussed in earlier courses. Special stress is laid on the formal structure of theories; the status of scientific laws; the function of models; the relationships between theory and observation; the nature and logic of scientific explanation; the metaphysical foundations of theories and methodological principles.

TEXT BOOKS

- Basson, A. H. and O'Connor, D. J. *Introduction to Symbolic Logic*. University Tutorial Press.
- Braithwaite, R. B. *Scientific Exploration*. Harper.
- Kant, I. (trans. and ed. Lucas, P. G.). *Prolegomena to any Future Metaphysic*. Manchester U.P.

OR

- Kant, I. (trans. Mahaffy-Carus, revised Beck, L. W.). *Prolegomena to any Future Metaphysic*. Library of Liberal Arts.

REFERENCE BOOKS

- Burtt, E. A. *The Metaphysical Foundations of Modern Physical Science*. Anchor.
- Campbell, N. R. *Foundations of Science*. Dover.
- Danto, A. and Morgenbesser, S. (eds.). *Philosophy of Science*. Meridian.
- Edge, D. (ed.). *Experiment: A Series of Scientific Case Histories*. B.B.C.
- Feigl, H. and Brodbeck, M. (eds.). *Readings in the Philosophy of Science*. Appleton-Century-Crofts.
- Feigl, H. and Maxwell, G. (eds.). *Current Issues in the Philosophy of Science*. Holt, Rinehart and Winston.
- Galilei, G. (trans. Crew, H. and Salvio, A. de). *Two New Sciences*. Dover.
- Hanson, N. R. *Patterns of Discovery*. Cambridge U.P.
- Hesse, M. B. *Models and Analogies in Science*. Sheed and Ward.
- Hesse, M. B. *Forces and Fields*. Nelson.
- Jammer, M. *Concepts of Force: A Study in the Foundations of Dynamics*. Harper.
- Korner, S. *Kant*. Penguin.

- Korner, S. *The Philosophy of Mathematics*. Hutchinson.
- Kuhn, T. S. *The Structure of Scientific Revolutions*. Chicago U.P.
- Nagel, E. *The Structure of Science*. Routledge and Kegan Paul.
- Nagel, E., Suppes, P. and Taski, A. *Logic, Methodology and Philosophy of Science*. Stanford U.P.
- Newton, I. (trans. Motte, A., revised Cajori, F.). *Principia Mathematica*. California U.P.
- Pap, A. *An Introduction to the Philosophy of Science*. Free Press of Glencoe.
- Popper, K. R. *The Logic of Scientific Discovery*. Hutchinson.
- Toulmin, S. *Foresight and Understanding*. Harper.
- Toulmin, S. *The Philosophy of Science*. Harper.
- Whitehead, A. N. *Science and the Modern World*. Mentor.

62.133 History and Philosophy of Science IIIB (Honours)

Consists of the following two parts.

- (i) From the Enlightenment to the Vienna Circle. A discussion of the history of ideas, in its relation to science, during the 18th and 19th centuries, followed by an examination, in that context, of developments in the philosophy of science up to the 20th century.

This part of the course is divided into five sections:

- (a) The Concept of the Enlightenment.
- (b) The British Empiricists (Locke, Berkeley, Hume).
- (c) The Continental Rationalists (Leibniz and Kant).
- (d) The English Utilitarians (Bentham and Mill).
- (e) Positivism, Conventionalism, Pragmatism and Operationalism.

TEXT BOOKS

Section (a)

- Berlin, I. (ed.). *The Age of Enlightenment: the Eighteenth Century Philosophers*. Mentor.
- Copleston, F. *A History of Philosophy*. Vol. 6, Part 1, Doubleday.
- Hazard, P. *European Thought in the Eighteenth Century*. Penguin.

Section (b)

- Berkeley, G. (ed. Armstrong). *Berkeley's Philosophical Writings*. Collier.
- Berkeley, G. (ed. Jessop). *Philosophical Writings*. Nelson.
- Hume, D. *A Treatise of Human Nature*. Everyman.
- Locke, J. *An Essay Concerning Human Understanding*. Everyman.

Section (c)

- Kant, I. (trans. Meiklejohn). *Critique of Pure Reason*. Everyman.
- Leibniz, G. W. (ed. Wiener). *Leibniz Selections*. Scribner's.
- Leibniz, G. W. and Clarke, S. (ed. Alexander). *The Leibniz-Clarke Correspondence*. Manchester U.P.

Section (d)

- Mill, J. S. (ed. Nagel). *Philosophy of the Scientific Method*. Hafner.
- Mill, J. S. *Utilitarianism, Liberty, Representative Government*. Everyman.

Section (e)

- Ayer, A. J. *Language, Truth and Logic*. Dover.

Bridgman, P. W. *The Nature of Physical Theory*. Dover.
 Poincare, H. *Science and Hypothesis*. Dover.

REFERENCE BOOKS

As given in class.

- (ii) Experimental Science from Newton to the 19th Century. An examination of the development of experimental physics, chemistry, and biology during the period 1650-1850 approximately.

Text and reference books will be notified in class.

62.114 History and Philosophy of Science IV (Honours)

Consists of four parts, of which one is an original investigation undertaken by the student and presented in the form of a thesis and the other three are courses of lectures and seminars as follows:

- (i) An advanced course in the philosophy of science, mainly dealing with the logical nature of some of the principal sorts of relationships which exist between scientific theories.

TEXT BOOKS

Nagel, E. *The Structure of Science*. Routledge and Kegan Paul.

REFERENCE BOOKS

Ashby, W. R. *An Introduction to Cybernetics*. Chapman and Hall.

Braithwaite, R. B. *Scientific Explanation*. Harper Torchbooks.

Bunge, M. *Metascientific Queries*. Thomas.

Burt, E. A. *The Metaphysical Foundations of Modern Physical Science*. Anchor.

Campbell, N. R. *Foundations of Science*. Dover.

Danto, A. and Morgenbesser, S. *Philosophy of Science*. Meridian.

Feigl, H. and Brodbeck, M. (eds.). *Readings in the Philosophy of Science*. Appleton-Century-Crofts.

Feigl, H. and Maxwell, G. (eds.). *Current Issues in the Philosophy of Science*. Holt, Rinehart and Winston.

Hanson, N. R. *Patterns and Discovery*. Cambridge U.P.

Hare, R. M. *Theories and Things*. Sheed and Ward.

Hesse, M. B. *Forces and Fields*. Nelson.

Hesse, M. B. *Models and Analogies in Science*. Sheed and Ward.

Korner, S. *Conceptual Thinking*. Dover.

Kuhn, T. S. *The Structure of Scientific Revolutions*. University of Chicago Press.

Minnesota Studies in the Philosophy of Science. Vols. I, II and III.

Vol. I: Feigl, H. and Scriven, M. (eds.).

Vol. II: Feigl, H., Scriven, M., Maxwell, G. (eds.).

Vol. III: Feigl, H., Maxwell, G. (eds.).

University of Minnesota Press.

Nagel, E., Suppes, P., Tarski, A. *Logic, Methodology and Philosophy of Science*. Stanford University Press.

Newman, J. R. (ed.). *The World of Mathematics*. 4 Vols.

Pap, A. *Introduction to the Philosophy of Science*. Free Press of Glencoe.

Popper, K. R. *The Logic of Scientific Discovery*. Hutchinson.

Rashevsky, N. *Mathematical Biophysics*. Vol. II, Dover.

Ryle, G. *The Concept of Mind*. Penguin.

Ryle, G. *Dilemmas*. Cambridge U.P.

Toulmin, S. E. *Foresight and Understanding*. Harper.

Toulmin, S. E. *Philosophy of Science*. Harper or Grey Arrow.

Vesey, G. N. A. *Body and Mind, Philosophical Selections*. George Allen & Unwin.

Wiener, P. P. (ed.). *Readings in Philosophy of Science*. Scribner.

Woodger, J. F. *Biology and Language*. Cambridge U.P.

- (ii) A study of the scientific enterprise regarded sociologically, including an examination of the historical sociology of science.

TEXT AND REFERENCE BOOKS

The course is based mainly on the periodical literature; references will be given in class.

- (iii) A detailed study of a selected topic in the history and philosophy of science. In 1968 the topic will be: Ernst Mach and his influence on the history of philosophy and science.

TEXT BOOKS

Lenin, V. I. *Materialism and Empirio-Criticism*. Foreign Languages House, Moscow, n.d.

Mach, E. (Trans. Williams, C. M.) *The Analysis of Sensations*. Dover, 1959.

REFERENCE BOOKS

Ayer, A. J. (ed.). *Logical Positivism*. Free Press, Ill., 1959.

Frank, P. G. *Modern Science and Its Philosophy*. Collier, 1961.

Kraft, V. (Trans. Pap, A.) *The Vienna Circle*. Phil. Lib., New York, 1953.

Mach, E. (Trans. Jourdain, P. E. B.) *History and Root of the Principle of the Conservation of Energy*. Open Court, 1911.

Mach, E. (Trans. McCormack, T. J.) *Popular Scientific Lectures*. Open Court, 1894.

Mach, E. (Trans. McCormack, T. J.) *The Science of Mechanics*. Open Court, 1960.

Mises, R. von (Trans. Bernstein, J. and Newton, R. G.) *Positivism*. Braziller, 1956.

PHYSICS

1.001 Physics I**1.011 Higher Physics I**

(For students taking two full years of Physics.)

(N.B. These subjects have the same syllabus but 1.011 is taken to greater depth than 1.001).

Kinematics — Non-uniformly accelerated systems. Centripetal and coriolis acceleration. Laws of motion. Momentum. Impulse. Potential and kinetic energy. Power. Conditions of equilibrium. Elasticity. Young's bulk and shear moduli. Poisson's ratio. Strain energy. Hydrodynamics. Bernoulli's equation. Motion in resistive medium. Moments of inertia. Rotational dynamics. Simple harmonic motion. Pendulums. Motion about free axis. Progressive and stationary waves. Energy current. Superposition of waves. Doppler effect. Resonance. Huygens' principle. Reflection. refraction. interference and diffraction of waves. Electromagnetic spectrum. Polarisation.

Electrostatics. Gauss' theorem. Electric intensity and induction. Capacitance. Electromagnetism. Biot-Savart and Ampere's circuital laws. Force on moving charge and on conductor. Torque on coil. D.C. instruments. Electromagnetic induction. Faraday's and Lenz' laws. Self and mutual inductance. Magnetic materials. D.C. circuits. Kirchhoff's rules and Thevenin's theorem. Growth and decay of current. A.C. circuits. Resonance. Diode. Triode. Amplifiers and oscillators. Electronic measuring instruments.

TEXT BOOKS

- Halliday, D. and Resnick, R. *Physics for Students of Science and Engineering*. Vols. I and II, or Combined Volume. Wiley, 1960.
Crackhardt, R. H. *Vacuum Tube Electronics*. Merrill Books, Inc., 1966.

REFERENCE BOOKS

- Feynman, R. P., Leighton, R. B. and Sands, M. *The Feynman Lectures on Physics*. Vols. I and II. Addison-Wesley.
Stephenson, R. J. *Mechanics and Properties of Matter*. Second Edition. Wiley, 1960.
Starling, S. G. and Woodall, A. J. *Physics*. Longmans' Green, 1950.
(1.011 only)
Tomboulion, D. H. *Electric and Magnetic Fields*. Harcourt, Brace and World Inc., 1965.

1.041 Physics IC

For students taking only *one* full year of Physics. The subject consists of nine units:

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

2. *Mechanics II* Collisions. Coefficient of restitution. Moment of Inertia. Rotational dynamics. Conservation of angular momentum. Gravitation. Kepler's laws. Planetary motion.
3. *Wave Motion* Equation of wave motion. Longitudinal and transverse waves. Sound waves. Superposition of waves. Energy current. Stationary waves. Resonance. Beats. Doppler effect.
4. *Physical Optics* Nature of light. Velocity of light. Interference. Interference in thin films. Interferometer. Huygens' principle. Fraunhofer diffraction by slit. Diffraction grating. Polarised light.
5. *Introduction to Modern Physics* Measurement of c and e/m . The neutron. Natural and artificial radioactivity. Quantum properties of radiation. The Bohr atom. Wave properties of matter. The uncertainty principle. Nuclear fission and fusion.
6. *Properties of Matter* Hydrostatics. Pressure. Pascal's and Archimedes' principles. Hydrodynamics. Bernoulli's theorem. Viscosity. Surface tension. Elasticity. Young's, bulk and shear moduli. Poisson's ratio.
7. *Electrostatics and Electrodynamics* Electrostatic charge. Electric field and potential. Gauss' theorem. Capacity. Dielectrics. Magnetic fields. Biot-Savart and Ampere's circuital laws. Electromagnetic induction. Magnetic circuit.
8. *D.C. circuits* Conductance. E.M.F. Resistivity and temperature coefficient. Power. Kirchhoff's rules and Thevenin's theorem. D.C. measurements. D.C. transients in RL and RC circuits.
9. *A.C. circuits* Series LRC circuits. Reactance and impedance. Power factor. Phase amplitude diagram and complex notation. Series and parallel resonance. Transformer. A.C. instruments.

TEXT BOOKS

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

REFERENCE BOOKS

Richard, Sears, Wehr and Zemansky. *Modern University Physics*. Addison-Wesley, 1960.

Stephenson, R. J. *Mechanics and Properties of Matter*. Second Edition, Wiley, 1960.

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

Wiedner, R. T. and Sells, R. L. *Elementary Modern Physics*. Allyn and Bacon, 1960.

1.112 Physics II

For this subject a pass in Mathematics I is a pre-requisite.

Mechanics, Physical Optics, Thermodynamics, Kinetic Theory of Gases, Electricity and Magnetism and Quantum Physics.

TEXT BOOKS

Richtmyer, F. K., Kennard, E. H. and Lauritsen, T. *Introduction to Modern Physics*. 5th edition. McGraw-Hill.

Symon, K. R. *Mechanics*. 2nd edition. Addison-Wesley, 1960.

OR

Stephenson, R. J. *Mechanics and Properties of Matter*. 2nd edition. Wiley, 1960.

Zemansky, M. W. *Heat and Thermodynamics*. McGraw-Hill.

OR

Sears, F. W. *Thermodynamics*. Addison-Wesley, 1959.

Bleaney, B. I. and Bleaney, B. *Electricity and Magnetism*. O.U.P., 1959.

Jenkins, S. A. and White, H. E. *Fundamentals of Optics*. 3rd edition. McGraw-Hill, 1953.

DIPLOMA IN LIBRARIANSHIP

Requirements for the Award of the Diploma in Librarianship

Intending students are referred to the conditions for the award of graduate diplomas set out in the University Calendar.

Candidates for the award of the Diploma in Librarianship must meet the following requirements:

- (1) Hold a degree, other than in Librarianship, of an approved University.
- (2) Successfully complete the prescribed course of lectures, practical work and assignments.

ENROLMENT PROCEDURE

Applications for admission to the course should be made on the prescribed form (UE 10), which must be lodged with the Registrar by 4th January, 1968. Students will be notified by letter whether they are eligible to enrol and will be required to complete their enrolment at the office of the School of Librarianship, Hut J., during the following hours:

Monday, 26th February	9 a.m.—12 noon 2 p.m.— 4 p.m.
Tuesday, 27th February	9 a.m.—12 noon 2 p.m.— 4 p.m.
Wednesday, 28th February	9 a.m.—12 noon 2 p.m.— 4 p.m. 6 p.m.— 8 p.m.
Thursday, 29th February	9 a.m.—12 noon 2 p.m.— 4 p.m.

FEEES

Students enrolling in the Diploma Course in Librarianship must attend the appropriate enrolment centre as set out above under "Enrolment Procedure" for authorisation of their course programme.

Fees should be paid during the prescribed enrolment period, but will be accepted without a late fee being payable during the first two weeks of first term. No student is regarded as having completed enrolment until fees have been paid. Fees will not be accepted (i.e., enrolment cannot be completed) after 31st March except with the express approval of the Registrar, which will be given in exceptional circumstances only.

In general, the provisions relating to the payment of fees by undergraduates apply equally to post-graduate students. Such provisions are set out under "Fees". In particular, the attention of students is drawn to the subsections dealing with Payment of Fees by Term, Assisted Students, Extension of Time, Failure to Pay Fees, Other Fees, Late Fees, and Withdrawal from the Course.

Fees

- (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 12 hours per week for the term is $12 \times \$6 = \72 per term.

Other Fees

See (ii)-(vi) as for undergraduate courses.

Late Fees

As for undergraduate courses.

OUTLINE OF COURSE

	Hours per Week for each of 3 terms
55.321 Book Acquisition	1
55.411 Descriptive, Author and Title Cataloguing	2
55.421 Subject Cataloguing and Classification	2
55.511 Reference Work and Aids to Research	2
and five of the following:	
55.211 Library History, Provision and Government	1
55.221 Library Organization	1
55.311 Book Production	1
55.514 Specialised Reference Work and Aids to Research: Humanities	1
55.515 Specialised Reference Work and Aids to Research: Social Sciences	1
55.516 Specialised Reference Work and Aids to Research: Natural Sciences and Technology	1
55.517 Specialised Reference Work and Aids to Research: Government Publications	1
55.521 Circulation, Co-operation and Reader Relations	1
55.611 Archives and Official Publications	1
55.621 Special Materials	1
55.641 Archives, History and Theory	1
55.642 Archives Practice	1
55.643 Records Management	1
55.701 Public Libraries	1
55.702 University and College Libraries	1
55.703 Special Libraries	1
55.704 National, State and Local Collections, with Special Reference to Australia	1
55.711 Children's Libraries	1
55.721 Children's Literature	1

- Notes:
1. All the optional subjects are not necessarily offered in the same year.
 2. Students taking three courses in Archives (55.641, 55.642 and 55.643) may take an additional optional subject in place of 55.321 Book Acquisition.
 3. Not more than two courses in Specialised Reference Work and Aids to Research (55.514, 55.515, 55.516 and 55.517) shall be counted towards the Diploma.
 4. In addition to the required subjects the candidate is required to complete a general assignment (55.991) and to satisfy in practical work (55.992).

The course can be completed in one year of full-time attendance and in more than one year of part-time attendance.

DESCRIPTIONS OF SUBJECTS

55.211 Library History, Provision and Government

- (a) The history and purposes of libraries and librarianship; types of library; profession of librarianship: qualifications, training and ethics.
- (b) Library provision, legislation, finance, management.
- (c) Library surveys.
- (d) The literature of librarianship.

REFERENCE BOOKS

- Balnaves, J. *Australian Libraries*. Cheshire, 1966.
 Esdaile, A. *National Libraries of the World*. 2nd ed. Lond., L.A., 1957.
 Hessel, A. *History of Libraries*. Scarecrow Press, 1950.
 Munn, R. and Pitt, E. R. *Australian Libraries*. A.C.E.R., 1935.

55.221 Library Organization

- (a) Location, planning, equipment of libraries and library services.
- (b) Administration, staffing, organisation of processing and service departments: acquisition, cataloguing and classifying, lending and reference.

REFERENCE BOOKS

- Bowler, R. *Local Public Library Administration*. Internat. City Managers' Assoc., 1964.
 Galvin, H. R. *Small Public Library Building*. Unesco, 1959.
 Tauber, M. P. *Technical Services in Libraries*. Columbia U.P., 1958.
 Thompson, A. *Library Buildings of Britain and Europe*. Butterworths, 1962.
 Wheeler, J. L. *Practical Administration of Public Libraries*. Harper and Row, 1962.

55.311 Book Production

History of writing, printing, and the book, its make-up and apparatus, typography, illustration, binding. Photography, duplicating and copying. Microfilms. The book trade: printing, publishing and bookselling, library needs and relations.

REFERENCE BOOKS

- Aldis, H. G. *The Printed Book*. 3rd ed. Cambridge University Press, 1951.
 Bland, D. *Illustration of Books*. 2nd ed.. Faber, 1952.
 Glaister, G. A. *Glossary of the Book*. London, Allen & Unwin, 1960.
 Harrison, F. *A Book about Books*, Murray, 1948.
 Jennett, S. *Pioneers in Printing*. Routledge, 1958.
 Kenyon, Sir F. G. *Books and Readers in Ancient Greece and Rome*. 2nd ed. Clarendon Press, 1951.
 Moorhouse, A. C. *The Triumph of the Alphabet*. Schuman, 1953.
 Peddie, R. A. *Outline of the History of Printing*. Grafton, 1917.
 Snow, P. *How a Book is Made*. Routledge, 1960.
 Unwin, Sir S. *The Truth about Publishing*. New ed. Allen & Unwin, 1960.
 Urdike, D. B. *Printing Types, their History, Forms and Use*. 2nd ed. Harvard U.P., 1951.
 Verry, H. R. *Document Copying and Reproduction Processes*. Fountain Press, 1958.
 Young, J. L. *Books from the MS. to the Bookseller*. 3rd ed. Pitman, 1947.

55.321 Book Acquisition

Acquisition of books and periodicals by purchase, donation, exchange and deposit. The acquisition process in relation to other processes.

TEXT BOOKS

- Carter, M. D. and Bonk, W. J. *Building Library Collections*. Scarecrow Press.

REFERENCE BOOKS

- Haines, H. E. *Living with Books; the Art of Book Selection*. 2nd ed. Columbia U.P., 1957.
 Osborn, A. D. *Serial Publications, their Place and Treatment in Libraries*. A.L.A., 1958.
 Tauber, M. F. *Technical Services in Libraries*. Columbia U.P., 1958.
 Wulfekoetter, G. *Acquisition Work*. University of Washington Press, 1961.

55.411 Descriptive, Author and Title Cataloguing

- (a) Library catalogues.
- (b) Cataloguing and the construction and arrangement of catalogues.
- (c) The principles and practice of bibliographical description, and of author and title entry.

TEXT BOOKS

Anglo-American Cataloging Rules. A.L.A., 1967.

American Library Association. *A.L.A. Rules for Filing Catalog Cards*, 1943.

REFERENCE BOOKS

Akers, S. G. *Simple Library Cataloging*. 4th ed. A.L.A., 1954.

Mann, M. *Introduction to Cataloging and the Classification of Books*. 2nd ed. A.L.A., 1943.

Tauber, M. F. *Technical Services in Libraries*. Columbia U.P., 1958.

55.421 Subject Cataloguing and Classification

- (a) Alphabetical subject and dictionary catalogues, bibliographies, indexes and abstracts. (The dictionary catalogue, etc., with Cutter's specific subject entry; alphabetic-classed catalogues, etc.; the alphabetical arrangement of special materials: pamphlets, films, etc.)
- (b) Classification and classified catalogues, shelf lists, bibliographies, indexes and abstracts. (Dewey Decimal Classification as applied in shelf arrangement and in classified catalogues, etc.; alternative general classifications—Library of Congress and others; classified arrangement of special materials: pamphlets, films, etc.)

TEXT BOOKS

Dewey, M. *Decimal Classification and Relative Index*. 9th Abridged ed. Forest Press, 1965.

Metcalfe, J. *Subject Arrangement and Indexing of Information*. Bennett, 1966.

REFERENCE BOOKS

Mann, M. *Introduction to Cataloging and the Classification of Books*. 2nd ed. A.L.A., 1943.

Merrill, W. S. *Code for Classifiers*. 2nd ed. A.L.A., 1939.

Phillips, W. H. *Primer of Book Classifications*. 5th ed. A.A.L., 1961.

55.511 Reference Work and Aids to Research

- (a) Reference work and reference books. (Purposes and methods of reference work or assistance to readers; ready reference books; encyclopaedias, dictionaries, handbooks, yearbooks, etc.; their organisation and use in general and special libraries and subjects.)
- (b) Research source materials. (Difference between popular and technical literature, and between original and secondary sources in the humanities, the social and the physical sciences and technologies.)
- (c) Bibliographies, indexes and abstracts. (Literature indexes such as the periodical indexes, usually alphabetical; abstracting journals, usually classified, in the social and physical sciences; law digests, usually alphabetical; special subject bibliographies; publishing trade bibliographies, etc.)

TEXT BOOK

Barton, M. N. *Reference Books*. 6th ed. Enoch Pratt Free Library, 1966.

REFERENCE BOOKS

Hutchins, M. *Introduction to Reference Work*. A.L.A., 1959.

Rowland, A. R. *Reference Services*. Shoe String Press, 1964.

Shores, L. *Basic Reference Sources*. A.L.A., 1959.

Walford, A. J. *Guide to Reference Material (with supp.)*. Library Association, 1959-63.

Winchell, C. N. *Guide to Reference Books (with supp.)*. A.L.A., 1951.

55.514 Specialised Reference Work and Aids to Research: Humanities.

55.515 Specialised Reference Work and Aids to Research: Social Sciences.

55.516 Specialised Reference Work and Aids to Research: Natural Sciences and Technology.

55.517 Specialised Reference Work and Aids to Research: Government Publications.

Collections and collection building, catalogues, indexes, classifications, comprehensive reference works, primary and secondary sources, literature searching and reports.

TEXT BOOK

Sawer, G. *Australian Government to-day*. Rev. ed. Melbourne U.P., 1964.

REFERENCE BOOKS

Australia. Parliament. Committees. *Parliamentary and Government Publications: report from the (Erwin) Joint Select Committee*. Government Printer, 1964.

Australia. Parliament. House of Representatives. *Business and Procedures of the House of Representatives: a short description*. 3rd ed. [The House of Representatives], 1967.

Derham, D. P., Maher, F. K. H. and Waller, P. L. *An Introduction to Law*. Law Book Co., 1966.

Gifford, K. H. *How to Read an Act of Parliament*. Law Book Co., 1963.

Mayer, H. (ed.). *Australian Politics: a Reader*. 2nd ed. Cheshire, 1967.

N.I.V. Parliament Library—*Government Documents in Australia: Papers and their Production, Use and Treatment*. [The Library], 1965.

55.521 Circulation, Co-operation and Reader Relations

- (a) Intra-mural and extra-mural circulation of books and periodicals: purposes, methods, alternatives. Inter-library loans.
- (b) Co-operation in acquisition, processing and storage. Associations of libraries and librarians.
- (c) The promotion of library use; purposes and problems of service to special groups; user rights and privileges in libraries of different kinds; publicity and public relations.

REFERENCE BOOKS

- Geer, H. T. *Charging Systems*. A.L.A., 1955.
- Plumb, P. W. *Central Library Storage of Books*. (L.A. Pamphlet 24) Lib. Assoc. 1965.
- Tauber, M. F. *Technical Services in Libraries*. Columbia U.P., 1958.

55.611 Archives and Official Publications

- (a) Archives and archival principles. Current records in relation to archives. Techniques of the archivist.
- (b) Types of official publications, their processing and use.

55.621 Special Materials

Acquisition, organisation, housing, conservation and use of special materials: manuscripts, maps, music, pamphlets, moving pictures, film-strips, micro-copies, illustrations, disc and tape recordings, etc.

REFERENCE BOOKS

- Boggs, S. W. and Lewis, D. C. *Classification and Cataloging of Maps and Atlases*. S.L.A., 1945.
- Bryant, E. T., *Music Librarianship: A Practical Guide*. Clarke, 1959.
- Collison, R. L. *The Treatment of Special Materials in Libraries*. Aslib, 1957.
- Currall, H. F. J. *Gramophone Record Libraries: Their Organisation and Practice*. Lockwood, 1963.
- Galvin, H. R. *Films in Public Libraries* (Library Journal, vol. 72, pt. 2; October 15, 1947).
- Mason D. *Primer of Non-book Materials in Libraries*. Assoc. of Assistant Librarians, 1959.
- Schellenberg, T. R. *Arrangement of Private Papers; Description of Private Papers (Archives and Manuscripts 1: Aug. 1957, Aug. 1958)*.
- Tyson, B. T. *Topographical Map Series of Australia*. 1965.

55.641 Archives, History and Theory

Archives history, definition, institutional relations, and uses in public administration, the law and historical studies.

55.642 Archives Practice

Archives, legislation, administration, organisation, preservation, services.

55.643 Records Management

Management of current records, especially in relation to archival preservation.

REFERENCE BOOKS

- Gt. Brit. *Committee on Departmental Records: Report*, Lond., H.M.S.O., 1954 (Chairman: Sir James Grigg).
- Jenkinson, Hilary. *A Manual of Archive Administration*. 2nd ed. Revised. London. Percy Lund, Humphries, 1965.
- Schellenberg, T. R. *Modern Archives, Principles and Techniques*, Melb. Cheshire, 1965.
- Schellenberg, T. R. *The Management of Archives*. N.Y, Columbia U.P., 1965.

55.701 Public Libraries

Local, provincial and national public libraries, with emphasis on the local public library. Social purposes, provision, administration, organisation, services given and received, co-operation.

REFERENCE BOOKS

- Broderick, D. M. *An Introduction to Children's Work in Public Libraries*. Wilson, 1965.
- Fenwick, Sara Innis. *School and Children's Libraries in Australia*, a report to the Children's Libraries Section of the Library Association of Australia. Melb., Cheshire, 1966.
- Henne, F. *Youth, Communication and Libraries*. A.L.A., 1949.
- Sinclair, Dorothy. *Administration of the Small Public Library*. Chicago, A.L.A., 1965.
- Wheeler, J. and Goldhor, H. *Practical Administration of Public Libraries*. Harper & Row, 1962.

55.702 University and College Libraries

University and college library administration, organisation, book selection, acquisition, cataloguing, services, intra and extra university and college relations.

TEXT BOOK

- Bryan, H. *Australian University Libraries Today and Tomorrow*. Bennett, 1965.

REFERENCE BOOKS

- Association of University Teachers. *The University Library*. Association of University Teachers, London, 1964.
- Brough, K. J. *Scholar's Workshop*. University of Illinois Press. 1953.
- Lyle, G. R. *The Administration of the College Library*. 3rd ed. H. W. Wilson Co., 1961.
- Sheehan, H. *The Small College Library*. The Newman Press, 1963.
- Wilson, L. R. and Tauber, M. F. *The University Library*, C.U.P., 2nd ed., 1956.
- Woledge, G. and Page, B. S. *A Manual of University and College Library Practice*. The Library Association, 1940.

55.703 Special Libraries

Special library subject specialisation, provision, administration, documentation, services, intra and extra institutional relations.

55.704 National, State and Local Collections, with Special Reference to Australia

Collections of material of localised interest, their history, provision, administration, organisation, scope, services and relations, including relations with archives.

55.711 Children's Libraries

- (a) Provision of children's libraries; function and aims of service to children in different age groups. (b) Organisation of children's departments; training and qualification of children's librarians. (c) Librarianship in the children's library; special materials, treatment and use; extension work, relationship with other activities and with school libraries; the adolescent reader.

55.721 Children's Literature

An optional course of 30 hours of lectures and practical work.

- (a) Historical development of children's literature; criteria for evaluation and selection; development of the reading interest of children. (b) Bibliographies of children's literature. (c) Books for children according to age: imaginative literature, traditional literature, "classics", factual and reference books, periodicals, books for backward readers. Illustrated books and illustrators. Books for the adolescent.

REFERENCE BOOKS

- Arbuthnot, M. H. *Children and Books*. Scott, Foresman, 1947.
- Darton, F. J. H. *Children's Books in England*. 2nd ed. C.U.P., 1958.
- Hazard, P. *Books, Children and Men*. Horn Book, 1944.
- Mahony, B. E. *Illustrators of Children's Books, 1744-1956*. Horn Book, 1947-58.
- Smith, L. H. *The Unreluctant Years: a Critical Approach to Children's Literature*. A.L.A., 1953.
- White, D. N. *About Books for Children*. O.U.P., 1946.
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