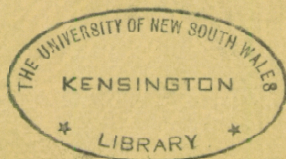


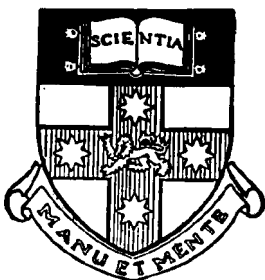


ARTS

FACULTY HANDBOOK 1965

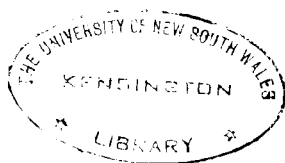


THE UNIVERSITY OF NEW SOUTH WALES



ARTS

FACULTY HANDBOOK 1965



THE UNIVERSITY OF NEW SOUTH WALES

Table of Contents

	Page
Calendar of Dates	2
Staff	4
Introduction	11
General Information	13
Matriculation Requirements	13
Admissions Office	15
Enrolment Procedure	16
Changes in Course Programmes	18
Restriction Upon Students Re-enrolling	18
Readmission after Exclusion	20
Fees	21
Library Services	24
University Union	25
Student Activities	25
Requirements for Degree of Bachelor of Arts	28
Courses Available for Degree of Bachelor of Arts	34
Faculty Requirements	37
Higher Degrees	37
Courses for Study for Degree of Bachelor of Arts	38
Group I: English	39
Drama	43
Group II: French	47
German	50
Italian	51
Group III: History	52
Australian Studies	59
Political Science	60
Group IV: Economics	69
Psychology	73
Sociology	78
Group V: Philosophy	81
Group VI: Mathematics	88
Statistics	92
Group VII: Scientific Thought	95
Physics	101
Chemistry	103
Biological Sciences	105
Geology	106
Timetables, 1965 —	
Arts I	109
Arts II	110
Arts III	111
Diploma Courses —	
Diploma in Sociology	112
Post-graduate Diploma in Librarianship	117

Calendar of Dates

1965

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

February

Monday, 15	Enrolment Week begins for new First Year students.
Monday, 22	Enrolment Week begins for students re-enrolling.

March

Monday, 1	.....	Lectures commence.
Wednesday, 10	.....	Faculty of Arts meets.
Wednesday, 31	.....	Last day for acceptance of enrol- ments.

April

Friday, 16, to
Monday, 19 Easter Holidays
Wednesday, 21 Conferring of degrees.

May

Saturday, 15 First term ends.
Monday, 17, to
Saturday, 29 Vacation (2 weeks).
Monday, 31 Second term commences.

June

Wednesday, 2	Faculty of Arts meets.
Monday, 14	Queen's Birthday — Public Holiday.
Wednesday, 30	Last day for acceptance of applications for re-admission after exclusion under rules governing re-enrolment.

July

Tuesday, 6 Foundation Day.

August

Friday, 6	Last day for acceptance of applications for examinations.
Saturday, 7	Second term ends.
Monday, 9, to Saturday, 28	Vacation (3 weeks).
Monday, 30	Third term commences.

September

Wednesday, 1 Faculty of Arts meets.

October

Monday, 4 Six-Hour Day — Public Holiday.

Wednesday, 13 Faculty of Arts meets.

Saturday, 30 Third term lectures cease.

November

Saturday, 6, to

Saturday, 27 Annual examinations.

1966

January

Monday, 24, to

Saturday,

5th February Deferred examinations.

Monday, 31 Australia Day — Public Holiday.

February

Monday, 21 Enrolment Week begins for new
First Year students.

Monday, 28 Enrolment Week begins for
students re-enrolling.

March

Monday, 7 Lectures commence.

Faculty of Arts

DEAN: Professor M. S. Brown.

CHAIRMAN: Professor J. B. Thornton.

SCHOOL OF ENGLISH

Professor of English and Head of School:

H. J. Oliver, M.A.(Syd.).

Associate Professor:

Leonie J. Kramer, B.A.(Melb.), D.Phil.(Oxon).

Senior Lecturers:

O. N. Burgess, M.A., Dip.Ed.(Syd.).

J. M. Couper, M.A., Ph.D.(Aberdeen).

P. K. Elkin, B.A. Dip.Ed.(Syd.), B.Litt.(Oxon.).

R. G. Geering, M.A., Dip.Ed.(Syd.).

A. M. Ginges, B.A.(Syd.).

H. P. Heseltine, B.A.(W. Aust.), M.A., Ph.D.(Louisiana State).

Lecturers:

J. M. Allen, B.A.(Rand. and Oxon).

N. R. Cattell, M.A.(Syd.).

E. A. M. Colman, M.A.(Glas.).

Dorothy L. M. Jones, M.A.(N.Z. and Adel.), B.Litt.(Oxon.).

S. Tick, M.A.(N.Y.).

Teaching Fellow:

Jill D. Graham, B.A.(Qld.).

SCHOOL OF HISTORY

Professor of History and Head of School:

J. H. McM. Salmon, M.A.(N.Z.), M.Litt.(Cantab.).

Associate Professor:

N. B. Nairn, M.A.(Syd.).

Senior Lecturers:

P. J. O'Farrell, M.A.(N.Z.), Ph.D.(A.N.U.).

A. T. Yarwood, M.A., Dip.Ed.(Syd.).

Lecturers:

J. P. Barber, M.A.(Cantab.).

B. H. Fletcher, M.A., Dip.Ed.(Syd.).

D. R. G. Packer, M.A.(Melb.).

Research Assistant:

Coral Lansbury, B.A.(Syd.).

SCHOOL OF LIBRARIANSHIP

Head of School:

The University Librarian, J. W. Metcalfe, B.A.(Syd.), F.L.A.,
F.L.A.A.

Senior Lecturer:

Wilma Radford, B.A.(Syd.), B.S.(Columbia), F.L.A.A.

SCHOOL OF PHILOSOPHY

Professor of Philosophy and Head of School:

J. B. Thornton, B.A., B.Sc.(Syd.).

Department of Philosophy

Associate Professor:

C. L. Hamblin, B.Sc., M.A.(Melb.), Ph.D.(Lond.).

Senior Lecturer:

R. E. Dowling, B.A.(Syd.), Ph.D.(Lond.).

Lecturers:

F. N. Harpley, B.A.(Syd.).

K. Lycos, B.A.(Syd.), B.Phil.(Oxon.).

Barbara A. Roxon, B.A.(Syd.).

R. S. Walters, M.A.(Syd.).

Department of History and Philosophy of Science

Senior Lecturer:

R. M. Gascoigne, M.Sc.(Syd.), Ph.D.(Liv.), F.R.A.C.I.

Lecturers:

R. J. Gillings, M.Sc., M.Ed.(Syd.).

W. H. Leatherdale, B.A.(Melb.)

Tutor:

R. H. Austin, B.A.(Syd.).

SCHOOL OF POLITICAL SCIENCE

Professor of Political Science:

D. M. McCallum, B.A.(Syd.), M.A., B.Phil.(Oxon.).

Associate Professor:

Ruth Atkins, B.A., B.Ec., Dip.Ed.(Syd.).

Senior Lecturer:

P. D. Marchant, B.A.(Syd.), Ph.D.(A.N.U.).

Lecturer:

A. C. Palfreeman, Lic. es Scs.Pols.(Geneva), M.A.(A.N.U.).

SCHOOL OF SOCIOLOGY

Professor of Sociology and Head of School:

M. S. Brown, M.A., Dip.Ed.(Syd.), Ph.D.(Lond.)

Associate Professor:

A. A. Congalton, M.A., Dip.Ed.(N.Z.).

Senior Lecturer:

G. Audrey Rennison, M.A.(Cantab.), Cert.Soc.Sci. & Admin.
(L.S.E.).

Lecturers:

E. H. R. Dowdy, B.Ec., M.Ed.(Syd.), Dr.Phil.(Heidelberg),
Dip.Ed.(N.E.).

P. A. Vinson, B.A., Dip.Soc.Stud.(Syd.), Dip.Soc.

SCHOOL OF WESTERN EUROPEAN LANGUAGES

Professor of French and Head of School:

Judith O. Robinson, B.A.(Syd.), M.A.(Cantab.), D.de l'U. (Paris).

Department of French

Senior Lecturer:

L. R. Chambers, M.A., Dip.Ed.(Syd.).

Lecturer:

Marie-Madeleine Couturier, L. ès L., C.A.P.E.S., Dip. d'Et.Sup.
(Paris).

DEPARTMENT OF DRAMA

Associate Professor of Drama:

C. R. B. Quentin, M.A.(Oxon).

SCHOOL OF APPLIED PSYCHOLOGY

Professor of Applied Psychology and Head of School:

J. F. Clark, M.A., B.Sc., Dip.Ed.(Syd.), Ph.D.(Lond.).

Professor of Applied Psychology:

A. G. Hammer, M.A.(Syd.).

General, Experimental and Measurement Psychology

Senior Lecturers:

A. Meadows, M.A.(Melb.), Ph.D.(Lond.).

A. K. Olley, B.A.(Syd.).

O. Porebski, M.A., Ph.D.(Lond.).

R. Yensen, M.A.(W. Aust.), Ph.D.(Cantab.).

Lecturers:

Irene A. Edmonds, M.A.(Syd.).

C. P. Kenna, B.A., B.Sc.(Syd.).

K. R. Llewellyn, B.A., Ph.D.(Syd.)

J. C. Murray, B.A.(Syd.).

P. Van Sommers, M.A.(Melb.), Ph.D.(Harv.).

Senior Tutor:

S. Bochner, B.A.(Syd.).

Tutors:

C. J. S. Brammall, B.A.(Tas.).

Jennifer A. Noesjirwan, B.A.(N.Z.).

Personality and Clinical Psychology

Associate Professor:

R. T. Martin, B.A., Dip.Pub.Admin.(Syd.).

Senior Lecturer:

D. R. Martin, B.A., Dip.Ed.(Syd.).

Lecturers:

Una Gault, M.A.(Syd.).

W. A. H. Jarvis, B.A., Dip.Ed.(Syd.), B.Ed.(Melb.).

Social and Applied Psychology

Senior Lecturers:

A. W. Clark, M.A.(Melb.).

E. E. Davies, M.A.(Syd.).

Lecturer:

A. E. Carey, B.Sc.(Lond.).

SCHOOL OF ECONOMICS

Professor of Economics and Head of School:

A. Hunter, M.A.(Glasgow).

Research Professor of Economics:

M. C. Kemp, B.Com., M.A.(Melb.), Ph.D.(Johns Hopkins).

Professor of Economics:

J. W. Neville, B.A.(W.Aust.), M.A., Ph.D.(Calif.).

Visiting Professor of Economics:

G. F. Hadley, B.S.(Carnegie Inst.), A.M., Ph.D.(Harvard).

Department of Economics

Senior Lecturers:

Z. M. Kubinski, M.A.(Leeds).

D. M. Lambertson, B.Ec.(Syd.), D.Phil.(Oxon.).

K. D. Rivett, M.A., Ph.D.(Melb.).

N. Runcie, B.Ec.(Syd.), Ph.D.(Lond.).

D. J. Stalley, M.Ec.(Adel.), A.U.A.

Lecturers:

G. J. Abbott, B.Ec., Dip.Ed.(Syd.), B.Ed.(Melb.), M.A.(Manit.).

I. Gordijew, B.Ec.(Syd.).

G. D. McColl, M.Sc.(Econ.)(Lond.), A.A.S.A.

Senior Tutor:

R. G. Fisher, M.Com.

Tutors:

F. W. Gould, B.A.(Lond.).

E. R. Sowe, B.Ec.(Syd.).

Department of Industrial Relations

Senior Lecturer:

J. Child, B.Com., M.A.(N.Z.), D.Phil.(Oxon.).

Lecturer:

G. W. Ford, B.A., Dip.Ed.(Syd.), M.A.(Econ.) (U.C.L.A.)

Tutor:

J. R. Niland, B.Com.

Department of Economic Statistics

Senior Lecturers:

P. R. Fisk, B.Sc.(Econ.)(Lond.).

R. A. Layton, M.Ec.(Syd.).

Sheila I. Rowley, M.A.(W. Aust.), M.Sc., Ph.D.(N. Carolina).

Lecturer:

N. M. Swan, B.Sc.(Econ.)(Lond.).

Associate Lecturer:

L. L. F. Wegge, Ph.D.(M.I.T.).

SCHOOL OF MATHEMATICS

Professor of Mathematics and Head of School:

G. Bosson, M.Sc.(Lond.).

Professor of Applied Mathematics:

J. M. Blatt, B.A.(Cinc.), Ph.D.(Corn. and Prin.), F.A.P.S.

Professor of Pure Mathematics:

G. Szekeres, Dipl.Chem.Eng.(Bud.), F.A.A.

Executive Assistant to Head of School:

M. H. McKay, M.A., Dip.Ed.(Syd.), F.R.A.S.

Department of Mathematics

Senior Lecturers:

C. M. Groden, Dipl.Math.(Zürich).

C. B. Kirkpatrick, M.Sc.(Syd.), A.Inst.P.

M. H. McKay, M.A., Dip.Ed.(Syd.), F.R.A.S.

S. A. Senior, M.Sc., Dip.Ed.(Leeds).

Lecturers:

M. A. Eggar, Staatsexamen, Dr.Nat.Sc., Dipl.Ed.(Berlin).
D. E. Mackenzie, B.Sc.(Tas.).
D. A. Mustard, B.Sc.(Syd.).
S. J. Prokhovnik, B.A., B.Sc.(Melb.).

Senior Tutors:

J. Aspinall, B.Sc.(Manc.).
Agnes V. Nikov, Dipl. Math., Dipl.Ed.(Budapest).

Research Assistant:

R. B. Byrnes.

Department of Pure Mathematics

Senior Lecturers:

J. D. Dixon, M.A.(Melb.), Ph.D.(McGill).
J. L. Griffith, B.A., M.Sc., Dip.Ed.(Syd.).
J. St. A. Sandiford, M.Sc.(Syd.).

Lecturers:

C. D. Cox, B.Sc., Dip.Ed.(Qld.).
M. G. Greening, M.A.(Lond.).
R. F. Matlak, Ph.Mgr.(Cracow), M.A.(Syd.).
W. J. Pretorius, M.Sc.(Rhodes), D.I.C.
Z. H. Star, B.Sc., M.P.S., Ph.C.(Syd.).
Edith M. Werkhoven, M.Sc., Dip.Ed.(Syd.).

Senior Tutors:

T. W. Atterton, M.Sc.(Syd.).
M. J. Hayes, B.A.(Cantab.).

Tutor:

R. W. Ahrens, B.Sc.(Adel.).

Teaching Fellows:

J. V. Corbett, B.Sc.(Adel.).
N. F. Smythe, B.Sc.
J. Underwood, B.Sc.

Department of Applied Mathematics

Senior Lecturers:

G. H. Derrick, B.Sc.(Qld.), Ph.D.(Syd.).
J. N. Lyness, M.A., D.Phil.(Oxon).
W. E. Smith, M.Sc.(Syd.), B.Sc.(Oxon), A.Inst.P.

Post-Doctoral Research Fellow:

B. W. Ninham, M.Sc.(W. Aust.), Ph.D.(Maryland).

Teaching Fellow:

K. L. Tjio, B.Sc.(Singapore).

Department of Statistics

Associate Professor:

J. B. Douglas, M.A., B.Sc., Dip.Ed.(Melb.).

Senior Lecturers:

A. G. L. Elliott, B.Sc.(W. Aust.).

M. A. Hanson, B.Sc.(Qld.), M.Sc.(Melb.).

S. Lipton, M.Sc.(Liv.).

Lecturers:

R. B. Davis, B.Sc.(Syd.), Dip.Ed.(N.E.), M.Sc.

C. A. McGilchrist, B.Sc., B.Ed.(Qld.), M.Sc.

P. J. Staff, B.Sc., Dip.Ed.(Syd.).

M. K. Vagholkar, M.Sc.(Bombay), Ph.D.(Lond.), D.I.C.

Senior Tutors:

A. D. Joffe, B.Sc.(Rand.).

B. P. Murphy, B.A.(Qld.).

SCHOOL OF PHYSICS*

Professor of Applied Physics and Head of School:

C. J. Milner, M.A., Ph.D.(Cantab.), F.Inst.P.

SCHOOL OF CHEMISTRY*

Professor of Inorganic Chemistry and Head of School:

D. P. Mellor, D.Sc.(Tas.), F.R.A.C.I.

SCHOOL OF BIOLOGICAL SCIENCES*

Professor of Biochemistry and Head of School:

B. J. F. Ralph, B.Sc.(Tas.), Ph.D.(Liv.), F.R.A.C.I.

SCHOOL OF APPLIED GEOLOGY*

Professor of Geology and Head of School:

J. J. Frankel, M.Sc.(Rhodes), D.Sc.(Cape T.), F.R.S.S.Afr.,
F.G.S., M.S.A.Inst.M.M., M.Soc.Sigma Xi, A.M.I.M.M.

DEPARTMENT OF GENERAL STUDIES

Professor of General Education and Head of Department:

J. F. D. Wood, B.Sc., B.E.(Syd.), M.I.E.Aust.

* These Schools offer courses in the natural sciences to students in the Faculty of Arts. The Staffs of these Schools are listed in the University Calendar.

Introduction

The University of New South Wales was founded in 1949, originally under the name of the New South Wales University of Technology, to help meet the need for graduates in the established scientific and engineering disciplines and to develop studies in newer technological fields. Early in its history the University decided to include in its scientific and technological courses a group of compulsory subjects in the humanities and social sciences. Over the years, under the aegis of the Faculty of Humanities and Social Sciences, strong departments were built up in English, history, philosophy, government, sociology, psychology and economics to carry out this policy.

In 1958 the University was empowered to extend its activities to include instruction for degrees in arts. The Faculty of Humanities and Social Sciences was accordingly re-constituted as the Faculty of Arts based on the departments referred to above. In 1960 courses leading to the degree of Bachelor of Arts were introduced for the first time, such courses being offered on a full-time basis only.

A distinctive feature of the Arts courses is the requirement that all students shall take at least two consecutive courses in Scientific Thought or in one of the natural sciences. This is an extension of the policy of prescribing for all students a number of subjects of general educational importance outside their chosen field.

The degree of Bachelor of Arts may be conferred as a degree in general studies, as a degree in special studies, or as a degree in combined special studies. The regulations governing the award of the degree in these three categories are set out later. The qualifying subjects have been classified into seven groups, details of which are given in paragraph 5 of the regulations governing the award of the B.A. degree.

At the post-graduate level, qualified students may register for the degrees of Master of Arts, Master of Librarianship or Doctor of Philosophy. The regulations governing the award of these degrees are published annually in the University Calendar.

The Faculty of Arts also conducts diploma courses at the undergraduate and post-graduate level. The undergraduate course in Sociology extends over three years of part-time study and leads to the Diploma in Sociology (Dip.Soc.). At the post-graduate level, a course in librarianship leading to a diploma (Dip.Lib.) is available. Complete details of these diploma courses are given at the end of this book.

B.A. Degree in General Studies

The Bachelor of Arts degree in general studies is awarded at the pass level on completion of ten courses in a minimum of three years selected from the seven groups in accordance with the regulations which are set out in detail later in this Handbook.

The course in general studies is designed to provide for a relatively wide spread of the student's effort over a number of different subjects. Candidates who have completed the requirements for the pass degree at a sufficiently high standard may take two further advanced courses in a fourth year to qualify for a degree with honours in general studies. Among the conditions governing the award of the degree in general studies the more important are that no more than six courses may be selected from any one group, and that at least two consecutive courses must normally be taken from the subjects in Group VII.

A typical example of a course satisfying the requirements for the degree in general studies would be:

English I, II, III.

History I, II.

Economics I, II.

Scientific Thought I, II.

Sociology I.

History III, and Economics III could be taken in a fourth year for honours.

B.A. Degree in Special Studies or Combined Special Studies

In contrast to the course in general studies the conditions governing the award of the degree in special studies are designed to enable students to undertake the specialised study in one School, or in certain cases, in two Schools. Students will study for a minimum of four years and will be regarded as proceeding to an honours degree. Normally five courses are taken in the special field over four years of study, together with four subsidiary subjects which should include two consecutive courses from Group VII.

A candidate for the degree in special studies in two Schools will take three consecutive courses in each School to third year and in his fourth year will take a special honours course designed by the Heads of the two Schools concerned. Once again two courses, normally consecutive courses, must be taken from Group VII except where Faculty has granted special permission for a student to take one subject only from Group VII.

The full requirements governing the award of the degree in general studies, special studies, and combined special studies are set out on pages 28 to 33.

General Information

MATRICULATION REQUIREMENTS

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

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

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

1. (i) A candidate for any first degree of the University must satisfy the conditions for admission set out hereunder before entering upon the prescribed course for a degree. Compliance with these conditions does not in itself entitle a student to enter upon a course.
- (ii) A candidate who has satisfactorily met the conditions for admission and has been accepted by the University shall be classed as a "matriculated student" of the University after enrolment.
- (iii) A person who has satisfactorily met the conditions for admission may be provided with a statement to that effect on the payment of the prescribed matriculation fee.
2. (i) For the purpose of matriculation approved subjects* are grouped as follows:—
 - A. English.
 - B. Latin, Greek, French, German, Italian, Hebrew, Chinese, Japanese, Russian, Dutch, Geography, Ancient History, Modern History, Economics.
 - C. Mathematics I, Mathematics II, Mathematics III.
 - D. Agriculture, Applied Mathematics, General Mathematics, Biology, Botany, Chemistry, Physics, Geology, Physics and Chemistry, Physiology, Zoology.
 - E. Accountancy, Art, Descriptive Geometry and Drawing, Music, Theory and Practice of Music.

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

- (ii) In order to satisfy the conditions for admission to undergraduate courses leading to a degree, candidates must pass the New South Wales Leaving Certificate Examination conducted by the Department of Education, or the University of Sydney Matriculation Examination in at least five approved subjects at the one examination; provided that:—

I. either—

- (a) the five subjects include English and at least one subject from each of Groups B and C, but do not include more than one subject from Group E, except that candidates may qualify for admission to the Faculty of Arts only, by passing in one subject from Group D in lieu of the subject from Group C.
- or
- (b) the five subjects include English, and at least one subject from either Group B or Group C, but do not include more than one subject from Group E, and provided further that the five passes include either one first class Honours and two A's or two Honours of which one is first class;

and:—

- II.
- (a) neither Physics nor Chemistry is offered with the combined subject Physics and Chemistry;
 - (b) neither Botany nor Zoology is offered with Biology;
 - (c) neither Botany nor Zoology nor Biology is offered with Physiology;
 - (d) neither Mathematics I nor Mathematics II nor Mathematics III is offered with General Mathematics;
 - (e) neither Mathematics I nor Mathematics II is offered with Mathematics III;
 - (f) Mathematics I or Mathematics II may be counted as an approved subject only if the candidate presented himself for examination in both Mathematics I and Mathematics II;
 - (g) Theory and Practice of Music is accepted only in cases where the pass was obtained at an examination in 1946 or subsequent years;
 - (h) Ancient History is accepted only in cases where the pass was obtained at an examination held in 1945 or subsequent years; and further, both Modern History and Ancient History may be offered as qualifying subjects at the examinations held at the end of 1951 and subsequent years;

- (i) Agriculture is accepted only in cases where the pass was obtained at an examination held in 1945 or subsequent years;
 - (j) Economics is accepted only in cases where the pass was obtained at an examination held in 1945 or subsequent years;
 - (k) Descriptive Geometry and Drawing is accepted only in cases where the pass was obtained at an examination held in 1954 or subsequent years.
- (iii) Candidates who have satisfactorily met the matriculation requirements of the University of Sydney, but who have not obtained the requisite pass in Mathematics where prescribed for entrance to the University of New South Wales, will be permitted to complete their qualifications to enter the University of New South Wales by passing only in a Mathematics subject from Group C, at a subsequent Leaving Certificate or University of Sydney Matriculation Examination.

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 laid down in the University Calendar should be made at the Admissions Office. Such applications should be lodged prior to 31st December of the year preceding that in which admission is sought. Where applicable, documentary evidence should be tendered on lodging the application. Copies should accompany the originals, as this will allow the immediate return of original documents.

Applications should be made at the Admissions Office by all students who wish to defer or resume courses of study, transfer from one course to another, or apply for any concession in relation to a course in which they are enrolled. Such applications should be lodged before the commencement of the academic year in which the concession is to apply.

The Admissions Office also operates an Enrolment Bureau for the enrolment of undergraduate students enrolling with the University for the first time. Details of the procedure to be followed by such students are set out below in the section dealing with Enrolment.

The location of the Admissions Office is in the Main Building at Kensington (telephone 663-0351). Office hours are from 9.00 a.m. to 5.00 p.m., although an evening service will be provided if the need arises.

ENROLMENT PROCEDURE FOR UNDERGRADUATE COURSES

Complete details of enrolment procedure are contained in the booklets "Enrolment Procedure for New Students" and "Enrolment Procedure for Students Re-enrolling," which set out the relevant information for new students and later year students respectively. Briefly, all students are required to attend the appropriate enrolment centre at the prescribed time and to complete enrolment by the payment of fees by the required date. While course details must be completed during Enrolment Week, fees may be paid without penalty during the first two weeks of first term. For details of fee requirements, including late fee provisions, see later under Fees.

No enrolments will be accepted after 31st March without the express approval of the Registrar, which will be given in exceptional circumstances only.

All students should obtain a copy of the "Handbook for New Students" which is available free of charge on payment of fees.

New Students

Application for enrolment in 1965 must wherever possible be made in person to the Student Enrolment Bureau, First Floor, Building F, Kensington, as soon as the results of the Leaving Certificate Examination are published, but in any event not later than 27th January.

Country residents who wish to enrol with the University in 1965 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 27th January.

It is expected that all properly qualified candidates for enrolment in the Faculty of Arts will be accepted. This expectation is based on consideration of estimated enrolments and the accommodation and staff likely to be available, but should enrolment estimates be exceeded or staff shortages become acute, restrictions may have to be imposed. Early application, therefore, is essential.

New students will complete their enrolment with the Enrolment Centre at a specified appointment time during the week commencing Monday, 15th February, 1965. Fees must be paid at the time of enrolment.

1st Year Repeats

First Year students who failed all subjects at the 1964 Annual Examinations and who were not given any deferred examinations must attend the Student Enrolment Bureau between the date of publication of the Leaving Certificate results and the 27th January if they wish to re-enrol. It will be assumed that students in this category who do not apply for re-enrolment by 27th January do not intend to re-enrol and a class place will not be reserved for them.

Later Year Enrolments

Full-time Degree Courses

All students, except new First Year students and students who failed all subjects in 1964, are required to attend for enrolment in *Building F, Rooms 208 and 209*, according to the following timetable:—

Second Year students whose surnames have initial letters "A" to "J"	Tuesday, 23rd February 9.30 a.m. to 12 noon
Second Year students whose surnames have initial letters "K" to "P"	Tuesday, 23rd February 3.00 p.m. to 5.00 p.m.
Second Year students whose surnames have initial letters "Q" to "Z"	Wednesday, 24th February 9.30 a.m. to 12 noon
Third Year students and Honours Year students	Wednesday, 24th February 2.00 p.m. to 4.30 p.m.

Part-time Sociology Diploma

All students are required to attend for enrolment in *Building F, Room 208*, on Wednesday, 24th February, 5.30 p.m. to 8.30 p.m.

Enrolment forms will be available at the enrolment points.

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. Under no circumstances will subjects taken in this way count towards a degree or diploma.

Students wishing to enrol in subjects offered in the Faculty of Arts must first obtain permission from the Head of the appropriate School or his representative and then attend for enrolment at the times specified below as follows:—

Faculty Office, Room 119, First Floor, Building "F."

Friday, 26th February	2.00 p.m. to 4.30 p.m.
	6.00 p.m. to 7.30 p.m.

Enrolment in German and Italian at the University of Sydney

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

1. Enrol as Irregular Students at the Fees Office of the University of Sydney before 27th January, 1965.
2. Present to the Fees Office at the time of enrolment a letter from the Faculty of Arts of this University stating that:
 - (a) the student concerned is enrolled at the University of New South Wales;
 - (b) if appropriate, that the student holds a Teachers' College Warrant No.
3. Register with the appropriate Department at the University of Sydney.

University Union Card

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

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

The card must be presented when borrowing from the University libraries, when applying for Travel Concessions and when notifying a change of address. It must also be 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 Examinations Branch should be notified.

CHANGES IN COURSE PROGRAMMES

Students seeking approval of a change in their course programme or seeking to withdraw from subjects must make application to the Head of the School responsible for the course on a form available from school offices. 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 a student is regarded as having failed in a subject if he enrolled in it in any year and did not pass the annual examination—not sitting for the examination is regarded as not passing the examination.

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 VII, by the end of his second year of attendance.*

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

- (iv) A student who has a record of failure in a course at another University shall be required to show cause why he should be admitted to this University. A student admitted to a course at this University following a record of failure at another University shall be required to show cause, notwithstanding any other provisions in these rules, why he should be permitted to continue in that course if he is unsuccessful in the annual examinations in his first year of attendance at this University.
- (v) Any student excluded under any of the Clauses (i)-(iii) may apply for re-admission after two academic years and such application shall be considered in the light of any evidence submitted by him.

*Rule (iii) in so far as it relates to students in the Faculty of Arts will apply retrospectively as from 1st January, 1967.

- (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.

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.

FEEES

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

Completion of Enrolment

All students are required to attend the appropriate enrolment centre during the prescribed enrolment period* for authorisation of course programme. Failure to do so will incur a late fee of £1.

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 below.) 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) after 31st March** 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 enrolment periods for Sydney students are prescribed annually in the leaflets "Enrolment Procedure for New Students" and "Enrolment Procedure for Students Re-enrolling."

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

Failure to Pay Fees

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

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

Fees for Arts Courses

- (i) Pass—£36 per annum per subject or £12 per term per subject.
- (ii) Distinction Subjects or Honours—an additional £12 per annum per subject in which distinction or honours are taken in student's second and third years and £48 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 £10 per annum (no term payment).

Fees for Diploma in Sociology Course

- (i) (a) Over 6 hours' and up to 15 hours' attendance per week—£24 per term.
(b) 6 hours' or less attendance per week—£12 per term.
- (ii) Thesis Fee—Students who have completed the final examinations but have a thesis still outstanding are required to pay £10 per annum (no term payment).

Miscellaneous Subjects

- (i) Pass — £36 per annum per subject or £12 per term per subject.
- (ii) Distinction Subjects or Honours — an additional £12 per annum per subject in which distinction or honours are taken in students' second and third years and £48 per subject per annum in the fourth year.
- (iii) Distinction section only — £36 per annum per subject or £12 per term per subject.

Other Fees

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

- (i) Matriculation Fee — £3 — payable at the beginning of first year.
- (ii) Library Fee — annual fee — £5.
- (iii) Student Activities Fees
 - University Union* — £6 — annual subscription.
 - Sports Association* — £1 — annual subscription.
 - Students' Union* — £2 — annual subscription.
 - Miscellaneous — £2 — annual fee.
 - Total — £11.
- (iv) Diploma or Graduation Fee — £3 — payable at the completion of the course.
- (v) Deferred examination — £2 for each subject.
- (vi) Examinations conducted under Special Circumstances — £3 for each subject.
- (vii) Review of Examination Result — £3 for each subject.
- (viii) Chemistry Kit Deposit — £4 per kit. (Up to £3 refundable on return of kit in a satisfactory condition.)
- (ix) Excursion Fee — £1 per subject (biology, botany, zoology).

Late Fees

Failure to attend enrolment centre for authorisation of course programme (see above)	£1
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First Term—

Fees paid from commencement of 3rd week of term to 31st March	£3
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Fees paid after 31st March where accepted with the express approval of the Registrar (see above) ..	£5
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Second and Third Terms—

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

Fees paid thereafter	£5
Late lodgment of Application for Admission to Examinations	£2
(Late applications will be accepted for three weeks only after the prescribed dates).	

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—£1 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 £1, 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 £1, thereafter no refund.

LIBRARY SERVICES

The University central library is temporarily located on the fifth floor of the Robert Heffron Chemistry Building at Kensington. A library service is also provided for students in attendance at Broadway through the Sydney Technical College Library, situated at the corner of Mews and Thomas Streets, Broadway.

The main reading room is available for student reading and there is also a serials reading room which is only available for those reading serials. A further reading room for reserve books is on the first floor of the Dalton Chemistry Building, which is adjacent to the Robert Heffron Building.

All students may use both libraries for reference use without any formality. Reserve and ready reference books must be used in the library but most others are available for loan. In order to take books out, however, students must be registered yearly as borrowers at the library reference desk. Separate registration is necessary at Kensington and Broadway as the two libraries are in process of separation. Students will be registered on production of evidence that they have been enrolled for university courses, e.g., University Union Card.

The usual library hours are:

In term	Monday to Friday	9 a.m. to 10 p.m.
	Saturday	9 a.m. to 5 p.m.
	Sunday	2 p.m. to 6 p.m.
In vacation ..	See Notice Boards.	

THE UNIVERSITY UNION

Warden—A. T. Cunningham, B.Ec.(Syd.)

The University Union, a building of striking circular design, 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.

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 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 1964 the Society ran a number of cocktail parties and also the annual Arts Ball which was probably the best ball of the year. As well as this, the Society encourages and supports the Arts teams in inter-faculty Rugby, basketball and judo. It also arranges two annual cricket matches, one being against the Arts staff and the other against the Commerce Faculty.

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, Bill Savill, Students' Union Office, 663-3109. Home, 72-5381.

Drama Club

The principal aim of this group is to stage plays and revues. In addition, a programme has been arranged this year of play readings, lectures and discussions, theatre parties and socials, voice and make-up exercises and other workshops. Scope exists for actors, writers, carpenters, poets, electricians and even potential ushers in the Club. Enquiries should be made to the secretary, Mr. T. Gawne at 259-3092.

Historical Society

The Historical Society is a society formed and run by students in co-operation with the School of History. With a programme of public addresses, symposia and films it aims to make History interesting to a wide number, the Society being open to all students and members of staff.

For further information contact the secretary, Miss Deryl Mason, C/- School of History.

The Politics Club

This Club was formed by students in the School of Political Science and is open to all students and other interested parties within the University.

During this year it is hoped that three or four informal dinners will be held with some eminent guest speakers. If there is sufficient interest shown, students will be encouraged to voice their opinion on matters that may be beneficial to all concerned at meetings held between the dinners.

This Club does not align itself with any political party, group or faction, but rather follows the lines of the Non-Conformist Society.

Further information may be obtained from: Steven Klinger, Arts III, 46-2718, 35 Hobart Avenue, Lindfield East; or David Wheen, Arts III, 663-1650, C/- Basser College, Kensington.

Socratic Society

The Society is an independent, non-political, non-religious and non-profitmaking organisation. Its aim is to foster thought and promote discussion on interesting, controversial and intellectually stimulating topics. To achieve this aim, the Society holds regular public meetings, talks, discussion groups and symposia to which speakers of special interest have been invited. Attendance at meetings is voluntary, and membership entails no obligations. Members, however, have the unique opportunity of attending private discussion groups and meetings which are attended by a diversified group. Members of the Society include philosophy lecturers, University chaplains and students from all faculties. In the past a wide range of subjects has been discussed. These have varied from "Euthanasia", by Mr. Sparkes, to the "White Australia Policy", by an ex-Premier of New South Wales. Other topics covered have ranged from discussion groups on Robinson's "Honest to God" to "Why I am a Marxist" by the owner of a downtown bookstore.

Further enquiries concerning meetings, proposed topics and membership may be made by contacting Dr. R. E. Dowling of the School of Philosophy, Don Porritt, 18 Currawong Street, Blakehurst, 54-1556, or Bob Farrell, C/- Department of Pure Mathematics.

Degree of Bachelor of Arts—Requirements

1. The degree of Bachelor of Arts shall be conferred as a degree in General Studies or as a degree in Special Studies or as a degree in Combined Special Studies.
2. Except where special provision is made in the By-laws or by special permission of Faculty, no student may enrol in courses qualifying for a degree in the Faculty of Arts at the same time as he is enrolled for any other degree.

B.A. in General Studies

3. The course of study for the degree of Bachelor of Arts in General Studies shall extend over not fewer than three years for a Pass degree and over not fewer than four years for a degree with Honours. Honours shall be awarded in three classes: Class I; Class II (in two divisions); and Class III.

Pass Degree Requirements

4. Candidates for the Pass degree of Bachelor of Arts in General Studies shall meet the following requirements:—
 - (a) Ten qualifying courses shall be taken and not more than four of these may be taken in any one year.
 - (b) The ten qualifying courses selected by a candidate shall include:—
 - (i) one subject studied in three consecutive courses and three other subjects each studied in two consecutive courses and one subject studied for a single course;
or
 - (ii) two subjects each studied in three consecutive courses and two other subjects each studied in two consecutive courses;
or
 - (iii) two subjects each studied in three consecutive courses, one other subject studied in two consecutive courses and two subjects each studied in a single course.
 - (c) Of the ten qualifying courses, not more than six shall be taken from any one group of the groups specified below. At least two courses shall be taken from Group VII. These shall normally form a sequence, but in exceptional circumstances Faculty may allow a student to take two courses from Group VII which are not consecutive. Not more than four courses from Group VII, and not more than seven courses from Groups VI and VII may be counted towards the degree.*

*Candidates who complete Geology I and wish to count that course towards the degree of Bachelor of Arts may not also count, for that purpose, the course in Scientific Thought II. Candidates who take Scientific Thought I and Geology I must also take Geology II (Arts) in order to secure a sequence of two Science subjects.

(d) Except by special permission of Faculty on the recommendation of the Heads of Schools concerned, a course in Drama can be taken only if English or French or German is studied concurrently at the same level.

5. Grouping of courses available in the general degree:—

Group I:	English and Drama	English (three courses) Drama (three courses)
Group II:	Modern Languages	French (three courses) German (three courses) Italian (three courses)
Group III:	History and Political Science	History (three courses) Political Science (three courses) Australian Studies (one course only, available to students who have successfully completed one year in the Faculty).
Group IV:	Social Sciences	Economics (three courses) Psychology (three courses) Sociology (three courses)
Group V:	Philosophy	Philosophy (three courses)
Group VI:	Mathematics and Statistics	Mathematics (three courses)* Statistics (three courses of which the first is mathematics)
Group VII:	Natural Sciences	Scientific Thought (three courses) Physics (two courses) Chemistry (two courses) Biological Sciences (two courses) (The first course is General Biology followed by either Botany I or Zoology I as the second course). Geology (two courses)

*Students with a Pass in General Mathematics at Matriculation are very strongly advised against enrolling in Mathematics I.

Honours Degree Requirements

6. Candidates for the honours degree of Bachelor of Arts in General Studies shall be required to attend qualifying courses in the Faculty for not fewer than four years and must complete their courses within five years; or in such special cases as may be decided by Faculty in six years; except that Faculty may determine by resolution as a measure of equity that this condition shall be relaxed.
7. In order to qualify for admission to the Honours year, candidates shall be required to have met all requirements for the Pass degree, and in the ten qualifying courses thus completed to have obtained Credit or Distinction in at least five of them. Candidates so admitted shall, in the Honours year, attend and complete with Credit or better *two* further qualifying courses, *each* such course to be course III of a subject in which courses I and II have already been completed. Students who have met the Pass degree requirements under Clause 4 (b)(iii) are not eligible for a general Honours degree.
8. Candidates for Honours may be required to take both the Pass and Distinction syllabuses in either or both of their honours year qualifying courses. Alternatively, they may be required to take additional studies in fields common to the subjects that will have been taken in three consecutive courses.
9. The grade of Honours awarded to a candidate shall be based upon a consideration of the full record of his studies for the degree. Honours shall not be awarded in particular Schools, but shall be listed as Honours in General Studies.

B.A. in Special Studies (and Combined Special Studies)

10. The courses of study for the degree of Bachelor of Arts in Special Studies shall include nine qualifying courses and shall extend over four years. In exceptional cases Faculty may allow a fifth year for the completion of the Special degree.
11. The degree of Bachelor of Arts in Special Studies may be taken at the Honours level only. Honours shall be awarded in the following classes: Class I; Class II (in two divisions); and Class III.

B.A. in Special Studies

12. Candidates may present themselves in any one of the following subjects: (i) English; (ii) History; (iii) Philosophy; (iv) Scientific Thought; (v) Psychology; (vi) Sociology; (vii) Economics; (viii) Mathematics or Statistics; (ix) Drama; (x) French; (xi) Political Science.
13. Suitable candidates may be admitted to the course for the B.A. in Special Studies in one of the Schools of the Faculty at the beginning of their first year. Except where Faculty, on the recommendation of the Head of the School, may otherwise determine, a candidate shall be required to obtain in his first year Credit or

Distinction in the subject or subjects in which he wishes to pursue special studies.

14. Candidates who fail to meet the necessary standards of competence may transfer to the degree in General Studies, and shall then satisfy requirements under Clauses 4 and 5.
15. Suitable candidates may transfer at the beginning of the second year from the course in General Studies to a course for the degree in Special Studies of the Faculty, provided that, except where Faculty on the recommendation of the Head of the School may otherwise determine, the candidate shall have obtained in his first year Credit or Distinction in the subject or subjects in which he wishes to pursue Special Studies.
16. (a) Candidates for a Special Degree of Bachelor of Arts in all Schools of the Faculty save Economics and Drama shall take a Course I of their special subject in the first year, Course II in the second year, Courses IIIA and IIIB in the third year and Course IV in the fourth year. Candidates shall be required to take Courses II, IIIA and IIIB in both Pass and Distinction syllabuses, except where Course IIIB is a Distinction course only, in which case Course IIIB shall be not less in content and require no fewer hours in formal tuition than Course IIIA Pass and IIIA Distinction together.
(b) Candidates for the degree of Bachelor of Arts in Special Studies in the School of Economics shall take Course I in the first year, Courses II and IIIA in the second year, Course IIIB in the third year and Course IV in the fourth year. Candidates shall be required to take Courses II and IIIA in the Pass and Distinction syllabuses, and Course IIIB will be equivalent in content and hours of formal tuition to the Pass and Distinction elements of Course IIIA together.
(c) Candidates in Drama shall be required to take concurrently the Pass course in English or French or German at the same stage as their Drama courses in their first and second years. Notwithstanding the preceding requirements in this regulation, candidates in Drama in the third year shall take Drama IIIA (Pass and Distinction) and Drama IIIB (Distinction only) together with English IIIA (Pass). Drama IIIB (Distinction) shall be so designed as to ensure that Drama IIIB (Distinction) and English IIIA (Pass) together shall not be less in content and require no fewer hours in formal tuition than Drama IIIA (Pass and Distinction).
17. Except where Faculty, on the recommendation of the Head of the School, may otherwise determine, candidates for Honours must obtain a grade of Credit or Distinction in their special subject in all years.

18. Except where Faculty, on the recommendation of the Head of the School may otherwise determine, in their first and second years (in the case of Economics students, in their first and third years) candidates shall be required to do four additional subsidiary courses. These courses may comprise two consecutive courses in each of two subjects, or two consecutive courses in one subject and two single courses. Unless Faculty otherwise determines, at least two of the courses shall be from Group VII. In exceptional circumstances, Faculty may allow a student to take two courses from Group VII which are not consecutive. The subsidiary courses studied (other than those from Group VII) shall be open to prescription by the Head of the School in which the degree in Special Studies is taken.
19. On the recommendation of the Examinations Committee, the Faculty may recommend the award of the general B.A. degree to students who have completed at least eight courses in accordance with the regulations for the B.A. degree in Special Studies and have obtained Credit or Distinction in at least two of them beyond the first year level. Alternatively, Faculty may recommend to the Professorial Board the completion of an additional course or courses before the award of the general B.A. degree.

B.A. in Combined Special Studies

20. Candidates may present themselves in combinations of two subjects of study, provided that the combinations proposed by candidates are approved by the Heads of Schools concerned. Candidates deemed suitable at the end of the first year will be formally admitted as students in Combined Special Studies.
21. Candidates thus admitted shall be required to take nine courses including three consecutive courses of one of their special subjects of study, three consecutive courses of the other special subject of study, and a combined Course IV comprising studies jointly prescribed by the Heads of the two Schools concerned.
Courses II and IIIA shall be taken in both Pass and Distinction syllabuses. Where a Course IIIB involves a Pass as well as a Distinction component, that course may, with the permission of the Head of the School, be substituted for Course IIIA. Where one of the two special subjects is Economics, Courses II and IIIA Economics shall be taken in second year together with Course II of the other special subject, and Course IIIA or, if appropriate, Course IIIB of the latter subject shall be taken in third year.
In addition to these seven courses, candidates except those taking Scientific Thought as one of their special studies shall be required to take consecutive courses in either Scientific Thought or some other subject from the Natural Sciences group. In exceptional cir-

cumstances, Faculty may allow a student to take two courses from Group VII which are not consecutive or one subject from Group VII only.

22. Candidates who fail to meet the necessary standards of competence may transfer to the degree in General Studies, and shall then satisfy requirements under Clauses 4 and 5.
23. Except where Faculty, on the recommendation of the Head of the School, may otherwise determine, candidates for Honours must obtain in their special subjects a grade of Credit or Distinction in all years. Honours shall be listed as Honours in Combined Special Studies.
24. On the recommendation of the Examinations Committee, the Faculty may recommend the award of the general B.A. degree to students who have completed at least eight courses in accordance with the regulations for the B.A. degree in Special Studies and have obtained Credit or Distinction in at least two of them beyond the first year level. Alternatively, Faculty may recommend to the Professorial Board the completion of an additional course or courses before the award of the general B.A. degree.

Admission with Advanced Standing

25. (a) Graduates of another Faculty of this University may be admitted with Advanced Standing in the Faculty of Arts, with credit for not more than four recognised Arts courses already completed in the other Faculty in this University.
 - (b) Graduates of other Universities in Faculties other than Arts may be admitted with Advanced Standing in the Faculty of Arts, with credit for not more than three recognised Arts courses already completed at that other University, not including a Course III.
 - (c) Students transferring from the Faculty of Arts in other Universities may be admitted with Advanced Standing, with credit for not more than four courses completed at that University, not including a Course III.
 - (d) Under special circumstances credit towards an Arts degree may be given for not more than two appropriate Arts subjects at the level of Course I, taken at another University and not included in the Arts curriculum of the University of New South Wales.
26. Where application is made for admission with Advanced Standing under Regulation 25, special consideration may be given by Faculty to (i) graduates in other Faculties of this University who have an Honours degree (or a degree with Honours) and to (ii) students who wish to take a degree with Honours in the Faculty of Arts.

Courses Available for Degree of Bachelor of Arts

The following is a complete list of subjects which may be taken in accordance with the regulations set out above for the award of the degree of Bachelor of Arts.

The hours are for formal course work in each subject. However, additional time is devoted to tutorials or seminars in some subjects, particularly at the distinction level. The distinction syllabus incorporates the equivalent pass syllabus plus additional work. The hours shown for distinction subjects are for the combined pass and distinction syllabus.

Group I		Hours per week for 3 Terms					
50.111	English I	....	....	....	....	....	3
50.112	English II	....	....	....	....	....	3
50.122	English II (Distinction)	....	....	....	....	....	5
50.113	English IIIA	....	....	....	....	....	3
50.123	English IIIA (Distinction)	....	....	....	....	....	4
50.133	English IIIB	....	....	....	....	....	3
50.143	English IIIB (Distinction)	....	....	....	....	....	4
50.114	English IV (Honours)	....	....	....	....	....	5
57.211	Drama I	....	....	....	....	....	3
57.212	Drama II	....	....	....	....	....	3
57.222	Drama II (Distinction)	....	....	....	....	....	5
57.213	Drama III	....	....	....	....	....	3
57.223	Drama IIIA (Distinction)	....	....	....	....	....	6
57.233	Drama IIIB (Distinction)	....	....	....	....	....	6
57.224	Drama IV (Distinction)	....	....	....	....	....	4
Group II							
56.111	French I	....	....	....	....	....	5
56.112	French II	....	....	....	....	....	5
56.122	French II (Distinction)	....	....	....	....	....	7
56.133	French III	....	....	....	....	....	5
	Elementary German	} These subjects may be taken by arrangement with the Departments of German and Italian at the University of Sydney.					
	German I						
	German II						
	German II (Distinction)						
	German III						
	Preliminary Italian						
	Italian I						
	Italian II						

							Hours per week for 3 Terms
Group III							
51.111	History I	....	....	....	....	....	3
51.112	History II	....	....	....	....	....	3
51.122	History II (Distinction)	....	....	....	....	....	4½
51.113	History III	....	....	....	....	....	3
51.123	History IIIA (Distinction)	....	....	....	....	....	4½
51.133	History IIIB (Distinction)	....	....	....	....	....	4½
51.114	History IV (Distinction)	....	....	....	....	....	6
51.211	Australian Studies (one course only)	....	....	....	....	....	3
54.111	Political Science I	....	....	....	....	....	3
54.112	Political Science II	....	....	....	....	....	3
54.122	Political Science II (Distinction)	....	....	....	....	....	5
54.113	Political Science IIIA	....	....	....	....	....	3
54.123	Political Science IIIA (Distinction)	....	....	....	....	....	5
54.133	Political Science IIIB	....	....	....	....	....	3
54.143	Political Science IIIB (Distinction)	....	....	....	....	....	5
Group IV							
12.011	Psychology I	....	....	....	....	....	5
12.022	Psychology II	....	....	....	....	....	6
12.012	Psychology II (Distinction)	....	....	....	....	....	8
12.023	Psychology IIIA	....	....	....	....	....	6
12.033	Psychology IIIA (Distinction)	....	....	....	....	....	8
12.034	Psychology IIIB (Distinction)	....	....	....	....	....	8
12.035	Psychology IV (Honours)	....	....	....	....	....	6
15.101	Economics I	....	....	....	....	....	3
15.102	Economics II	....	....	....	....	....	3
15.112	Economics II (Distinction)	....	....	....	....	....	3
15.103	Economics IIIA	....	....	....	....	....	3
15.113	Economics IIIA (Distinction)	....	....	....	....	....	3
15.123	Economics IIIB (Distinction)*	....	....	....	....	....	4-5
15.104	Economics IV (Honours)	....	....	....	....	....	6
53.111	Sociology I	....	....	....	....	....	4
53.112	Sociology II	....	....	....	....	....	4
53.122	Sociology II (Distinction)	....	....	....	....	....	6
53.113	Sociology IIIA	....	....	....	....	....	3
53.123	Sociology IIIA (Distinction)	....	....	....	....	....	6
53.133	Sociology IIIB	....	....	....	....	....	3
53.143	Sociology IIIB (Distinction)	....	....	....	....	....	6
53.114	Sociology IV (Honours)	....	....	....	....	....	6
Group V							
52.111	Philosophy I	....	....	....	....	....	3
52.112	Philosophy II	....	....	....	....	....	3
52.122	Philosophy II (Distinction)	....	....	....	....	....	5
52.113	Philosophy IIIA	....	....	....	....	....	4
52.123	Philosophy IIIA (Distinction)	....	....	....	....	....	6
52.133	Philosophy IIIB (Distinction)	....	....	....	....	....	6
52.114	Philosophy IV (Distinction)	....	....	....	....	....	6
Group VI							
10.001	Mathematics I	....	....	....	....	....	6
10.111	Pure Mathematics II	....	....	....	....	....	5
10.121	Pure Mathematics II (Higher)	....	....	....	....	....	6

*This course consists of any two subjects chosen from the subjects 15.211, 15.221, 15.231, 15.241, 15.251, 15.261, 15.271, 15.281, 15.301, 15.711 and 15.712 (all 2 hours per week) and 15.431 (3 hours per week). It should be noted, however, that not all these subjects are available every year, and the School of Economics should be consulted for details.

Group VI (continued)							Hours per Week for 3 Terms
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
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
Group VII							
1.001	Physics I	....	....	....	....	....	6
1.112	Physics II	....	....	....	....	....	7
2.001	Chemistry I	....	....	....	....	....	6
2.002	Chemistry II	....	....	....	....	....	9
17.001	General Biology	....	....	....	....	....	6
17.301	Botany I	....	....	....	....	....	9
17.401	Zoology I	....	....	....	....	....	9
25.511	Geology I	....	....	....	....	....	6
25.562	Geology II	....	....	....	....	....	7
52.151	Scientific Thought I	....	....	....	....	....	4
52.152	Scientific Thought II	....	....	....	....	....	4
52.162	Scientific Thought II (Distinction)	..	....	....	....	....	6
52.153	Scientific Thought III	....	....	....	....	....	4

Faculty Requirements

Attendance at Lectures

Undergraduates reading for the Degree of Bachelor of Arts must attend the prescribed lectures 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.

In view of the fact that 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 School

Students who wish to read for Honours must apply to the Head of the School in which they are specialising at the end of the first year of full-time study.

Students who fail to make application at the appropriate date but nevertheless wish to read for Honours should apply to the Head of the School concerned. In exceptional cases Faculty is prepared to admit such students to the appropriate Honours School.

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.

Higher Degrees

The degrees of Master of Arts, Master of Librarianship and Doctor of Philosophy are awarded in the Faculty of Arts. The conditions governing the award of these degrees are published in the University Calendar.

Courses of Study for Bachelor of Arts Degree

The following table sets out those subjects which may be taken for the award of the B.A. degree in accordance with the regulations governing the award of the degree set out earlier. The subjects are here arranged in the groups by which they are classified in Paragraph 5 of the B.A. Regulations.

Group	Subject	Offered by
I	English	School of English
	Drama	Department of Drama
II	French	School of Western European Languages
	German	Department of German, University of Sydney
	Italian	Department of Italian, University of Sydney
III	History	} School of History School of Political Science
	Australian Studies	
	Political Science	
IV	Economics	School of Economics
	Psychology	School of Applied Psychology
	Sociology	School of Sociology
V	Philosophy	Department of Philosophy
VI	Mathematics	} School of Mathematics
	Statistics	
VII	Scientific Thought	Department of History and Philosophy of Science
	Physics	School of Physics
	Chemistry	School of Chemistry
	General Biology	} School of Biological Sciences
	Botany	
	Zoology	
	Geology	School of Applied Geology

Descriptions of these subjects, together with lists of prescribed text and reference books, are given in the pages which follow.

ENGLISH

50.111 ENGLISH I

Outline of Course

A course of 90 lectures plus tutorials.

A. Language (30 lectures).

- (i) An introduction to the study of the spoken language, and Phonetics.
- (ii) The history of English.
- (iii) The structure of modern English: syntax, usage, semantics, prose style.

B. Literature (60 lectures).

An examination of the characteristics, principal kinds, and development, in English Literature, of

- (i) The novel,
- (ii) drama, and
- (iii) poetry.

Text Books

A. LANGUAGE

Mitchell, A. G.: *Spoken English* (Macmillan).

Alexander, H.: *The Story of Our Language* (Dolphin Books).

B. LITERATURE

(i) *The Novel*

Defoe: *Moll Flanders*.

Smollett: *Humphry Clinker*.

Jane Austen: *Emma*.

Scott: *Old Mortality*.

Hawthorne: *The Scarlet Letter*.

Thackeray: *Vanity Fair*.

Conrad: *Lord Jim*.

Woolf, Virginia: *To the Lighthouse*.

Furphy: *Such is Life* (Angus and Robertson).

(except where specified, in any complete edition, e.g. Penguin, Everyman).

(ii) *Drama*

— *Everyman*, ed. A. C. Cawley (Manchester U.P.).

Marlowe: *Tamburlaine* (any edition, e.g. World's Classics, O.U.P.).

Shakespeare. *Richard III*

Much Ado About Nothing

Othello

{ (these three in any good complete edition, e.g. ed. Alexander [Collins] or in separate volumes of e.g. the new Arden edition, the Players' Shakespeare or the Signet Classics).

Jonson: *Volpone*.

Congreve: *The Way of the World* } (these two in Morrell, J. M. ed.: *Four English Comedies* [Penguin]).

Shaw: *St. Joan* (Penguin).

Eliot: *Murder in the Cathedral* (Faber).

Miller: *Death of a Salesman* (Penguin).

Stewart: *The Golden Lover* (Angus and Robertson).

(iii) *Poetry*

Hayward, J. (ed.): *The Penguin Book of English Verse*.

Gardner, Helen (ed.): *The Metaphysical Poets* (Penguin).

Milton: *Paradise Lost*, Books I and II (any good edition).

50.112 ENGLISH II

Outline of Course

A course of 90 lectures plus tutorials. Twentieth Century Literature in English (including Irish, American and Australian Literature). The course will include some ten lectures on modern prose style and will deal with the work of the following writers:

(i) *Prose Fiction*

Forster, D. H. Lawrence, Joyce; Hemingway, Faulkner; Patrick White (*Voss*).

(ii) *General Prose*

T. E. Lawrence.

(iii) *Poetry*

Hopkins, Yeats, Eliot, Auden, Robert Frost, together with selected Australian poetry.

(iv) *Drama*

Shakespeare; Shaw; Synge, Yeats, O'Casey; Eliot; O'Neill.

Recommended Reading

(i) *Prose Fiction*

Forster: *The Longest Journey*, *Howards End*, *A Passage to India*.

D. H. Lawrence: *Sons and Lovers*, *The Rainbow*, *Women in Love*.

Joyce: *Dubliners*, *Ulysses*.

Hemingway: *The Sun also Rises* (*Fiesta*), *A Farewell to Arms*, *For Whom the Bell Tolls*, *The Old Man and the Sea*, *The First 49 Stories*.

Faulkner: *The Sound and the Fury*; *Absalom, Absalom*; *Light in August*; *The Hamlet*; *Go Down, Moses*.

White: *Voss*.

(ii) *General Prose*

T. E. Lawrence: *The Seven Pillars of Wisdom*.

(iii) *Poetry*

Hopkins: *The Poetry of Gerard Manley Hopkins*, ed. W. H. Gardner (Penguin).

Yeats: *Collected Poems* (Macmillan).

Eliot: *Collected Poems* (Faber).

Auden: *The Poetry of W. H. Auden* (Penguin).

Frost: *Selected Poems* (Penguin).

Stewart, Douglas (ed.): *Voyager Poems* (Jacaranda Press).

(iv) *Drama*

Shakespeare: Selected historical plays.

Shaw: *Plays Pleasant*, *Plays Unpleasant*, *Three Plays for Puritans*, *Man and Superman* (Penguin).

Synge: *Plays, Poems and Prose* (Everyman) or *Six Plays* (Four Square Books).

Yeats: *Collected Plays* (Macmillan).

O'Casey: *Collected Plays (Three Plays)* [Macmillan] may be purchased for part only of the recommended reading).
 Eliot: *The Family Reunion, The Cocktail Party, The Confidential Clerk* (Faber).
 O'Neill: To be prescribed.

50.122 ENGLISH II (DISTINCTION)

Outline of Course

A course of 60 hours additional to the Pass Course (50.112).

1. An introduction to Old and Middle English Language and Literature, together with a study of Linguistics.
2. Elizabethan Literature to 1600: selected plays by Lyly, Peele, Kyd, Marlowe, Greene, Shakespeare; the poetry of Sidney, Spenser, Raleigh, Shakespeare and Campion; selected prose by Lodge, Nashe and Deloney, with selected translations and Voyages.

Text Books

(i) Language

Sweet, H.: *Anglo-Saxon Primer* (O.U.P.)

Chaucer, G.: *The Works of Geoffrey Chaucer*, ed. F. N. Robinson, second edition (Houghton Mifflin).

(ii) Literature

Bullett, G. (ed.): *Silver Poets of the Sixteenth Century* (Everyman).

Muir, K. (ed.): *Elizabethan and Jacobean Prose 1550-1620* (Pelican Book of English Prose, I).

Spenser, E.: *Poetical Works* (O.U.P.).

ENGLISH III

Students studying for a Special Honours Degree in English take both English IIIA (courses 50.113 and 50.123) and English IIIB (courses 50.133 and 50.143).

Students studying for a combined Special Honours Degree including English take English IIIA (courses 50.113 and 50.123).

Students studying for the Pass Degree take 50.113 only.

ENGLISH IIIA

50.113

A course of 90 lectures on the Literature of the eighteenth and nineteenth centuries, together with further study of Shakespeare (Tragedies and Histories). Students are expected to read as widely as possible in the work of the following authors:

Dryden, Pope; Swift; Richardson, Fielding, Sterne; Johnson and Boswell; Blake, Wordsworth, Coleridge, Byron, Keats, Tennyson, Browning; Melville, Dickens, George Eliot, Henry James.

No text books will be prescribed. Students purchasing their own copies of the poetry are advised to buy the edition in the Oxford Stand-

ard Authors, where available, or for Keats, the *Complete Poetry and Selected Prose*, ed. Briggs (Modern Library College edition).

50.123

A course of 30 hours additional to the Pass course (50.113). A study of 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).

ENGLISH IIIB

50.133

Available in 1965 to Honours students only. A course of 90 lectures on other chosen writers of the eighteenth and nineteenth centuries, together with a study of Shakespeare's Comedies and "Problem Plays".

Except where otherwise specified, students are expected to read as widely as possible in the works of the following authors, together with selected works of Romantic criticism:

Defoe; Smollett; Gray and Collins, Thomson, Crabbe, Shelley; Jane Austen, Scott, Thackeray, the Brontës; Poe, Landor, Arnold, Rossetti, Swinburne; Whitman, Emily Dickinson; Boldrewood (*Robbery Under Arms*), Clarke (*For the Term of his Natural Life*); Meredith (Poetry and *The Egoist*), Hardy (Poetry and *The Return of the Native*); Mark Twain, Stephen Crane; Wilde.

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.

50.143

A course of 30 hours additional to 50.133. A further study of Old English and Linguistics.

Text Books

Sweet, H.: *An Anglo-Saxon Reader*, rev. C. T. Onions (O.U.P.).

Potter, S.: *Modern Linguistics* (Deutsch).

50.114 ENGLISH IV (HONOURS)

Outline of Course

A course of approximately 150 hours of lectures and tutorials on

- (a) English literature of the seventeenth century;
- (b) the history and methods of literary scholarship.

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

(i) Drama

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

(ii) Poetry

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

(iii) Prose

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

DRAMA

Drama courses offered within the Faculty of Arts are not intended to equip a student for the profession of theatre. The National Institute of Dramatic Art, now established in the University, is concerned with vocational training and the practice of the theatre arts. The Department of Drama is concerned rather with liberal education and an evaluation of those arts. At the same time the Institute will serve as a workshop or laboratory for the practical work which will supplement the lectures offered by the Drama Department.

57.211 DRAMA I

This is a general survey in ninety lectures of the chief pieces of dramatic literature from Aeschylus and Sophocles to the dramatists of the twentieth century. The course is designed on the one hand as a general introduction to all other drama courses, and on the other hand as a study of world drama for students who do not plan to take further drama courses. There are also thirty additional laboratory classes on practical theatre problems.

Text Books

- | | |
|--|--|
| Aeschylus: <i>Agamemnon</i> . | Ibsen: <i>Ghosts</i> . |
| Sophocles: <i>Oedipus the King</i> . | Ibsen: <i>Hedda Gabler</i> . |
| Euripides: <i>The Trojan Women</i> . | Hauptmann: <i>The Weavers</i> . |
| Aristophanes: <i>The Frogs</i> . | Wedekind: <i>The Tenor</i> . |
| Terence: <i>The Brothers</i> . | Tolstoy: <i>The Power of Darkness</i> . |
| Kalidasa: <i>Shakuntala</i> . | Chekov: <i>The Cherry Orchard</i> . |
| Kwanami: <i>Sotoba Komachi</i> . | Lorca: <i>Blood Wedding</i> . |
| Shakespeare: <i>Hamlet</i> . | Kapek: <i>R.U.R.</i> |
| De Vega: <i>Fuente Ovejuna</i> . | Pirandello: <i>Six Characters in Search of an Author</i> . |
| Molière: <i>The Misanthrope</i> . | Sartre: <i>The Flies</i> . |
| Racine: <i>Phaedra</i> . | O'Neill: <i>The Hairy Ape</i> . |
| Goethe: <i>Faust</i> . | Thornton Wilder: <i>Our Town</i> . |
| Gogol: <i>The Inspector</i> . | |
| Turgenev: <i>A Month in this Country</i> . | |
- All the above plays are contained in *The Treasury of the Theatre*, ed. Gassner (Simon and Schuster).
- Brecht: *The Caucasian Chalk Circle*.
- Brecht: *The Good Woman of Setzuan*.
- Both contained in *Parables for the Theatre* (Evergreen Paperbacks).

Reference Book

Nagler, A. M.: *A Source Book in Theatrical History* (Dover).

57.212 DRAMA II

Ninety lectures. The period covered in this course begins with classical Greece and ends with Elizabethan England. Here the subject matter is more specialized than in Drama I; as much attention is paid to theatrical history as to drama. Thus theatre architecture, costumes, scenery, and acting — much of this from pictorial sources — are studied along with the dramas.

Text Books

- | | |
|--------------------------------------|-----------------------------------|
| Homer: <i>The Iliad</i> . | Aristophanes: <i>Lysistrata</i> . |
| Aeschylus: <i>Prometheus Bound</i> . | Plautus: <i>Menaechmi</i> . |
| Sophocles: <i>Philoctetes</i> . | Terence: <i>Phormio</i> . |
| Sophocles: <i>Theban Plays</i> . | Terence: <i>Adelphi</i> . |
| Euripides: <i>Hippolytus</i> . | Seneca: <i>Medea</i> . |
| Euripides: <i>Medea</i> . | Seneca: <i>Thyestes</i> . |
| Euripides: <i>Bacchae</i> . | |

The University of Chicago translations are suggested for the Greek dramas; Harsh's *Anthology of Roman Drama* for the Roman plays.

Adams, J. Q.: *Chief Pre-Shakespearian Dramas* (Harrap), some selected plays.
Bentley (ed.): *The Classic Theatre Vol. III* (Doubleday Anchor), some selected plays.

Shakespeare: Some selected plays.

Further plays by the authors named above may be prescribed.

Reference Books

- Bieber, M.: *The History of the Greek and Roman Theatre*.
Kitto, H. D. F.: *Greek Tragedy*.
Murray, G.: *Euripides and his Age*.
Nicoll, A.: *The Development of the Theatre*.
Laver, J.: *Drama, its Costume and Decor*.
Nagler, A.: *Sources of Theatrical History*.
Chambers, E. K.: *The Medieval Stage*, 2 vols.
Young, K.: *The Drama of the Medieval Church*, 2 vols.
Wickham, G.: *Early English Stages*, 2 vols.
Cohen, G.: *Histoire de la mise en scène dans le théâtre religieux français du moyen âge*.
Frank, G.: *The Medieval French Drama*.
Huizinga, J.: *The Waning of the Middle Ages*.
Simonson, L.: *The Stage is Set*.
Farnham, W.: *The Medieval Heritage of the Elizabethan Drama*.
Adams, J. C.: *The Globe Playhouse*.
Chambers, E. K.: *The Elizabethan Stage*, 4 vols.
Harbage, A.: *Shakespeare's Audience*.
Hodges, C. W.: *The Globe Restored*.
Nagler, A.: *Shakespeare's Stage*.

57.222 DRAMA II (DISTINCTION)

Sixty lectures. This course is concerned with tragedy, its theoreticians and critics. The course is divided roughly into two parts; classical and modern tragedy. In the first part the principal tragedies of Aeschylus, Sophocles, and Euripides are studied along with Aristotle, Horace, Scaliger, Castelvetro, Corneille, Lessing, and other critics and theoreticians of classical tragedy. In the second half of the course Shakespeare's four great tragedies — *Lear*, *Hamlet*, *Macbeth*, and *Othello* — are studied in conjunction with his principal critics, from the seventeenth to the twentieth centuries.

Text Books

- Butcher: *Aristotle's Theory of Poetry and Fine Art* (Dover).
Clark, B. (ed.): *European Theories of the Drama* (Crown).
Nichol Smith, D.: *Shakespeare Criticism 1623-1840* (World Classics 212).
Ridler, A.: *Shakespeare Criticism 1919-1935* (World Classics 436).
and certain plays by the following authors: Aeschylus, Sophocles, Euripides, Seneca, Shakespeare.

Reference Books

- Harrison, Jane: *Prolegomena to the Study of Greek Religion* (Meridan).
Frazer, Sir J.: *The Golden Bough* (1-volume edition, Macmillan).
Nietzsche, F.: *The Birth of Tragedy* (Random House).
Brooks, C. (ed.): *Tragic Themes in Western Literature* (Yale).
Sewall, R. B.: *The Vision of Tragedy*.
Steiner, G.: *The Death of Tragedy* (Faber).
Kitto, H. D. F.: *Greek Tragedy* (Doubleday Anchor).
Kitto, H. D. F.: *Form and Meaning in Drama* (University Paperback).

57.213 DRAMA III

This course of 90 lectures follows the pattern of Drama II and is a sequel to it. Generally, the course covers the period from the Italian Renaissance to the twentieth century. The principal subjects are the French drama of the seventeenth and eighteenth centuries, the English Restoration drama, the Commedia dell'Arte and the Italian theatre, the Russian drama from Fonvizin to Gorki and the German drama of Goethe, Schiller and Kleist.

Text Books

- Bentley (ed.): *The Classic Theatre*, Vols. I, II and IV (Doubleday Anchor).
Noyes (ed.): *Masterpieces of the Russian Drama* (Dover).
Gosse (ed.): *Restoration Plays* (Everyman).
Hampden (ed.): *The Beggar's Opera and Other 18th Century Plays* (Everyman).
Also prescribed plays by the following authors: Rostand, Hauptmann, Wedekind, Tolstoy, Chekov, Gorki, O'Neill, Strindberg, Ibsen and Brecht.

Reference Books

- Bentley, E.: *The Playwright as a Thinker* (Meridan).
Slonim, M.: *Russian Theatre* (Methuen).
Cole, T. (ed.): *Actors on Acting* (Crown).
Craig, C.: *On the Art of the Theatre*.
Fergusson, F.: *The Idea of a Theatre* (Anchor).
Nicoll, A.: *The Development of the Theatre* (Harrap).
Nicoll, A.: *Stuart Masques and the Renaissance Stage* (Harrap).
Southern, R.: *Changeable Scenery* (Faber and Faber).
Lea, K. M.: *Italian Popular Comedy* (Oxford).
Lancaster, H. C.: *A History of French Dramatic Literature* (Johns Hopkins).
Rose, E.: *A History of German Literature* (University Press, New York).
Cole, T. (ed.): *Playwrights on Playwriting* (Hill and Wang).

57.223 DRAMA IIIA (DISTINCTION)

This course of thirty lectures is concerned with the techniques of comic writing and with 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

Cornford, F. M.: *The Origin of Attic Comedy* (Doubleday Anchor).
Meredith, G.: *An Essay on Comedy* (Doubleday Anchor).
Bergson, H.: *Laughter* (Doubleday Anchor).
and certain plays by the following authors:
Aristophanes, Terence, Plautus, Goldoni, Molière, Congreve, Farquahar, 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).

57.233 DRAMA IIIB (DISTINCTION)

This is a course consisting of thirty lectures on eighteenth and nineteenth century English Shakespearean production. The main Shakespearean producers — Garrick, Kean, Phelps, Macready, and Irving — will be studied along with the minor producers. Their methods of production, their treatment of the Shakespearean texts, and their use of scenery will be in the province of the course.

Reference Books

Watson, C. B.: *Sheridan to Robertson*.
Burnim, K. A.: *David Garrick, Director* (Pittsburg).
Baker, Herschel: *John Philip Kemble*.
Southern, R.: *Changeable Scenery* (Faber).
Macready, W. C.: *Diaries*.
Lynch, James: *Box, Pit and Gallery*.
Sprague, A. C.: *Shakespeare and The Actors*.
Sprague, A. C.: *Shakespearean Players and Performances*.
Irving, L.: *Henry Irving*.
Shaw, G. B.: *Dramatic Opinions and Essays* (Constable).

57.224 DRAMA IV

This course is intended for the serious student of theatrical history who plans to study for an advanced degree. Students in Drama IV will work under guidance on special problems in theatrical and dramatic history. Textual criticism, bibliographical methods, and research on original documents will be the main concerns of this course. The students will be required to write a thesis and will be encouraged to undertake a theme concerned with Australian theatre history.

WESTERN EUROPEAN LANGUAGES

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. They will study the broad outlines of the political and social history of France from the sixteenth century to the present day, following the development of her institutions and traditions. As an integral part of this perspective, they will also study, alongside the great works of French literature, outstanding achievements in other fields, notably painting, music and architecture. The Department is making extensive use of audio-visual aids for this purpose.

Throughout the course, particular stress will be placed not only on the aesthetic qualities of French culture, but also on its intellectual content. Lectures will be given on the major contributions which the French have made to political theory, philosophy, ethics and psychology. Students' attention will constantly be drawn to the wealth of ideas to be found in French literature, and they will be 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 the analysis of human relationships, both personal and social, will receive special attention. At the same time, important literary works will be studied in depth, with a view to investigating purely aesthetic problems and the workings of the creative imagination.

A feature of the syllabus will be a compulsory course for final 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 will be 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 will be conducted in French. Although formal written work will continue to occupy a central place in the syllabus, it will be supplemented by extensive periods of oral practice, much of which will be carried out in the language laboratory. A stereo room will also be available for listening to performances of French plays, both classical and modern, and a wide variety of prose and poetry readings.

It is strongly recommended that students intending to take French should have an "A" level pass in the Leaving Certificate, or in an equivalent examination.

56.111 FRENCH I

A course of 120 hours of lectures and tutorials and 30 hours of laboratory practice.

(a) *The French Language*

This part of the course will consist principally of tutorials designed to develop a feeling for the basic grammatical and syntactical patterns of French, and for the sound of the spoken language. Oral work will predominate, and will include regular sessions in the language laboratory. Students will be required to write short weekly essays in French, designed to develop their ability to express themselves freely in a foreign language.

Text Books

Harrap's Standard French and English Dictionary (2 vols.).

[Otherwise *Harrap's Shorter French and English Dictionary*.]

Mansion, J. E.: *A Grammar of Present-Day French with Exercises* (Harrap).

Reference Books

(Recommended for purchase if possible)

Petit Larousse ("Dictionnaire Encyclopédique pour Tous," Larousse, 1963 edition).

Grevisse, M.: *Le Bon Usage* (Librairie P. Geuthner).

(b) *The Civilisation of the Seventeenth Century.*

This course is intended to introduce students to the culture of France through a study of one of the greatest periods of her social and intellectual history.

Text Book

Lagarde, A. et Michard, L.: *XVII^e siècle* (Collection "Textes et Littérature," Bordas).

(c) *An Introduction to French Literature.*

A study of representative writers from the seventeenth century to the present day.

Text Books

La Fontaine: *Fables* (Classiques Garnier).

Molière: *Théâtre choisi* (Classiques Garnier).

La Fayette, Mme de: *Romans et Nouvelles* (Classiques Garnier).

Voltaire: *Romans et Contes* (Classiques Garnier).

Baudelaire: *Les Fleurs du Mal* (Classiques Garnier).

Camus: *L'Etranger* (Gallimard).

Camus: *La Peste* (Gallimard).

56.112 FRENCH II

A course of 120 hours of lectures and tutorials and 30 hours of laboratory practice.

(a) *Language*

This part of the course will include detailed structural analysis of French, and study of specific passages from a linguistic and stylistic point of view. Students will be required to write regular essays in French on prescribed topics. The course will also include some discussion of the nature and function of language.

Text and Reference Books

As for French I.

(b) *The Civilisation of the Eighteenth and Early Nineteenth Centuries*

Subjects for study will include the social and political thought of the eighteenth century "philosophes," the reign of rationalism, and the birth of the romantic movement in literature and the arts.

Text Books

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).

(c) *Authors for special study.*

Text Books

Voltaire: *Romans et Contes* (Classiques Garnier).

Voltaire: *Lettres Philosophiques* (Classiques Garnier).

Voltaire: *Dictionnaire philosophique* (Classiques Garnier).

Rousseau: *Confessions* (3 vols.) (Classiques Garnier).

Rousseau: *Rêveries du promeneur solitaire* (Classiques Garnier).

Marivaux: *Théâtre* (2 vols.) (Classiques Garnier), or alternatively:

Théâtre ("Collection du Flambeau," Hachette).

Hugo: *Poésies* (Hachette) (1 vol. edition).

Baudelaire: *Les Fleurs du Mal* (Classiques Garnier).

Baudelaire: *Petits Poèmes en Prose. Le Spleen de Paris.* (Classiques Garnier).

Stendhal: *Le Rouge et le Noir* (Classiques Garnier).

Stendhal: *La Chartreuse de Parme* (Classiques Garnier).

Camus: *L'Etranger* (Gallimard).

Camus: *La Peste* (Gallimard).

Camus: *Le Mythe de Sisyphe* ("Les Essais," Gallimard).

56.122 FRENCH II (Distinction)

This course will consist of the subjects covered in the pass course, together with an intensive study (two hours per week) of the poetry and prose of Nerval and the novels of Balzac and Flaubert. Students will participate in seminars on these writers, and will present for class discussion short papers on aspects of their work.

Text Books

Nerval: *Œuvres* (2 vols.) (Classiques Garnier).
Balzac: *Eugénie Grandet* (Classiques Garnier).
Balzac: *Le Père Goriot* (Classiques Garnier).
Balzac: *Le Lys dans la Vallée* (Classiques Garnier).
Balzac: *Illusions perdues* (Classiques Garnier).
Flaubert: *Madame Bovary* (Classiques Garnier).
Flaubert: *L'Education sentimentale* (Classiques Garnier).

56.113 FRENCH III (1965 only)

A course of 120 hours of lectures and tutorials and 30 hours of laboratory practice covering the topics set out for French II (56.112), but with more advanced linguistic work.

Text and Reference Books

As for French II.

GERMAN

(Offered by the Department of German, University of Sydney)

ELEMENTARY GERMAN

This course, which presupposes no knowledge of German, is available to two types of students: (a) to those who wish to proceed to the regular courses in German; (b) to those students of the Faculty of Arts who desire a reading knowledge of the language in order to gain access to material written in German in the fields of history, geography, philosophy, psychology, education, music, etc.

For type (a) four lectures with an additional oral hour in small groups per week are prescribed; for type (b) two of these meetings may be omitted. The full course is open, except with special permission of the Faculty, only to students of the Faculty of Arts who have obtained a pass in a foreign language at the Leaving Certificate or an equivalent examination. In order to qualify for admission to German I, students must pass an examination held at the end of the year 1964 and a written qualifying test on prescribed vacation work, held at the beginning of Lent Term in the following year 1965. Class exercises and the reading of graded texts must meet requirements before the first examination. When followed by German I and II the full course in Elementary German will count as a qualifying course for the degree of B.A., Pass or Honours.

There is no evening course in Elementary German.

Details of the course, together with a list of text books, may be obtained from the School of Western European Languages.

GERMAN I

(Day and Evening)

Preliminary Requirements — Pass in Leaving Certificate or Matriculation in German, *or* pass in Elementary German, *or* equivalent. Students should consult the Head of the Department in doubtful cases.

Details of the course, together with a list of text books, may be obtained from the School of Western European Languages.

GERMAN II

(Day and Evening)

Details of the course, together with a list of text books, may be obtained from the School of Western European Languages.

GERMAN II (Distinction)

Details of the course, together with a list of text books, may be obtained from the School of Western European Languages.

GERMAN III (Day and Evening)

Details of the course, together with a list of text books, may be obtained from the School of Western European Languages.

ITALIAN

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

PRELIMINARY ITALIAN

ITALIAN I

ITALIAN II

Details of these courses may be obtained from the School of Western European Languages.

HISTORY

General

It is the general purpose of the courses taught within the School to induce an understanding of the modern world in terms of historical change and development. Nevertheless, students will be encouraged to consider human responses to historical environments in the light of antecedents rather than consequences. While courses are planned to include the categories of social, political, institutional and economic history, they are also directed towards determining the relationship between these fields in terms of culture, thought and opinion, so that the student may develop an integral understanding of each successive period with which he may be concerned. An ability to read a foreign language is regarded as a useful asset, though not as an essential prerequisite to the subject.

Courses planned by the School of History provide a broad outline of European, British and Colonial history from about 1494 to recent times. The basic structure of pass and distinction courses will follow these three topics in three successive phases in History I, II, III. More specialized courses will be available within this framework for distinction candidates. A second Stage III course, concerned with problems in Australian history, is available to distinction students only. At Stage IV History candidates for the B.A. degree in Special Studies are offered courses in the History of Historiography, British Constitutional History (late Medieval and Tudor), the History of Political Thought, Modern Russian and American History, African History and problems in Medieval European History. In addition to studying three of these topics, Distinction students in their final year are required to undertake a limited research project.

A course in Australian Studies, provided by the School of History in co-operation with other Schools, is offered to students who have successfully completed one year in the Faculty. This course is a separate unit in the degree and may not be taken as a substitute for the general courses in History specified as prerequisites for advancement to higher stages of the subject. The course is cast in an historical framework but is cross-disciplinary in character, and involves study of Australian society and culture.

51.111 HISTORY I

A course of 90 hours, comprising lectures and tutorials. Three broad topics will be covered, one in each term.

Part (a)—European History 1494-1660

The course will be concerned with the Renaissance, the Reformation, the emergence of national states, the price revolution, the Wars of Religion, the Thirty Years War, and the rise and decline of Spain.

Text Books

- Bourne, E. G.: *Spain in America, 1450-1580* (University paperbacks, Barnes and Noble).
Nye & Morpurgo: *History of the U.S.A.* (Vol. I) (Pelican).
Parry, J. H.: *Europe and a Wider World* (Hutchinson U.L.).

Reference Books

- Andrews, C. M.: *The Colonial Period of American History*, Vols 1-4.
Nettels, C. P.: *The Roots of American Civilisation*.
Norwell, C. F.: *The Great Discoveries and the First Colonial Empire*.
Panikkar, K.: *Asia and Western Dominance* (Allen & Unwin paperback).
Parry, J. H.: *The Age of Reconnaissance*.

51.112 HISTORY II

A course of 90 hours, comprising lectures and tutorials.

Part (a)—European History 1660-1815

The major part of the course will be concerned with the history of France in the eighteenth century, with particular emphasis on the enlightenment and the revolutionary period. Attention will also be given to the rise of Prussia.

Text Books

- Beloff, M.: *The Age of Absolutism* (Hutchinson U.L.).
Cobban, A.: *A History of Modern France*, Vol. I (Grey Arrow; Pelican).
Goodwin, A.: *The French Revolution* (Grey Arrow).
Markham, F.: *Napoleon*.
Martin, Kingsley: *French Liberal Thought in the 18th Century* (rev. edn. 1954).

Reference Books

- Anderson, M. S.: *Europe in the Eighteenth Century*.
Carsten, F. L.: *The Origins of Prussia*.
Geyl, P.: *Napoleon, For and Against*.
Goodwin, A. (ed.): *The European Nobility in the 18th Century*.
Lough, J.: *An Introduction to Eighteenth Century France*.
New Cambridge Modern History. Vol. 7.
Ogg, D.: *Louis XIV* (HUL).
Reiners, L.: *Frederick the Great*.
Rude, G.: *The Crowd in the French Revolution*.

Part (b)—British History 1688-1815

This will be a general course in British history, involving study of the structure of politics and society in eighteenth-century England, and the effects of agrarian and industrial change.

Text Books

- Marshall, D.: *Eighteenth Century England*.
Pares, R.: *King George III and the Politicians*.
Trevelyan, G. M.: *The English Revolution of 1688* (H.U.L.).
Williams, E. N.: *The Eighteenth Century Constitution* (Cambridge paperback).

Text Books

- Bainton, R. H.: *The Reformation of the 16th Century*.
Clark, G. N.: *Early Modern Europe* (HUL).
Elton, G. R.: *Reformation Europe 1517-1559* (Fontana Books).
Hale, J. R.: *Machiavelli and the Renaissance* (TYH).
Neale, J. E.: *The Age of Catherine de Medici*.
Philipps, M. A.: *Erasmus and the Northern Renaissance* (TYH).
Wedgwood, C. V.: *Richelieu and the French Monarchy* (TYH).

Reference Books

- Ady, C. M.: *Lorenzo de Medici and Renaissance Italy* (TYH).
Burckhardt, J.: *The Civilisation of the Renaissance in Italy* (Mentor).
Elliott, J. H.: *Imperial Spain 1469-1716* (Arnold).
Elton, G. R. (ed.): *Renaissance and Reformation 1300-1648* (Macmillan N.Y. Paperback).
Geyl, P.: *The Revolt of the Netherlands*.
Hale, J. R.: *Machiavelli and the Renaissance* (TYH).
Tawney, R. H.: *Religion and the Rise of Capitalism* (Pelican).
Wedgwood, C. V.: *The Thirty Years War* (Pelican).
Wedgwood, C. V.: *William the Silent* (University paperback).

Part (b)—British History 1485-1688

The course will involve the study of Tudor government, the Reformation in England and Scotland, English social structure, the Puritan revolution, the Restoration, and the Revolution of 1688.

Text Books

- Ashley, M.: *England in the 17th Century* (Pelican).
Bindoff, S. T.: *Tudor England* (Pelican).
Elton, G.: *England under the Tudors* (Methuen).
Elton, G.: *The Tudor Constitution* (Cambridge paperback).
Tanner, J. R.: *English Constitutional Conflicts of the 17th Century* (Cambridge paperback).
Trevelyan, G. M.: *The Revolution of 1688* (HUL).

Reference Books

- Ashley, M.: *The Greatness of Oliver Cromwell*.
Black, J. B.: *The Reign of Elizabeth* (Oxford History of England).
Clark, G. N.: *The Later Stuarts* (Oxford History of England).
Davies, G.: *The Early Stuarts* (Oxford History of England).
Dickens, A. G.: *Thomas Cromwell* (TYH).
Haller, W.: *The Rise of Puritanism* (Harper Torch).
Hill, C.: *Puritanism and Revolution*.
Mackie, J. D.: *The Early Tudors* (Oxford History of England).
Neale, J. E.: *Queen Elizabeth I* (Pelican).
Parker, T. M.: *The Reformation in England* (HUL).
Wedgwood, C. V.: *The King's Peace; The King's War; Strafford* (3 books).

Part (c)—Expansion of Europe 1492-1664

The course will deal with the age of discovery, and the early colonial experiments of the Spanish, Portuguese, Dutch and English.

Reference Books

- Ashton, T. S.: *The Industrial Revolution* (HUL).
Marshall, D.: *English People in the Eighteenth Century*.
Namier, L.: *England in the Age of the American Revolution*.
Ogg, D.: *The Reigns of James II and William III*.
Plumb, J. H.: *Sir Robert Walpole*, 2 vols.
Stephen, L.: *English Thought in the Eighteenth Century* (Harbinger Paperback, 2 vols.).
Sykes, N.: *Church and State in Eighteenth Century England*.
Watson, J. S.: *The Reign of George III* (Oxford History of England).

Part (c)—Colonial History 1664-1814

The principal themes in the course will be the conditions which led to the American Revolution, the Revolution itself and the foundation of the second British Empire.

Text Books

- Beloff, M. (ed.): *The Debate on the American Revolution*.
Harlow, V. T.: *The Founding of the Second British Empire*, Vol. 1.
Miller, J. C.: *The Origins of the American Revolution* (revised edn. 1960).
Nye, R. B. and Morpurgo, J. E.: *History of the United States*, Vol. 1 (Pelican).
Thistlethwaite, F.: *The Great Experiment*.

Reference Books

- Andrews, C. M.: *The Colonial Period of American History* (Vols. 3 and 4).
Becker, C.: *The Declaration of Independence*.
Beloff, M. (ed.): *The Federalist*.
Gipson, L. H.: *The Coming of the Revolution*.
Miller, J. C.: *The Federalist Era*.
Morison, S. E.: *Sources and Documents Illustrating the American Revolution*.
Nettels, C. P.: *The Roots of American Civilisation*.
Williamson, J. A.: *Short History of British Expansion* (Vol. 1).

51.122 HISTORY II (DISTINCTION)

This course will consist of special study of aspects of the Pass course. Students intending to take the course should consult the School of History for reading lists and other details.

51.113 HISTORY IIIA

Part (a)—European History 1815-1939

The course traces the settlement of post-Napoleonic Europe, the revolutions of 1848, the unifications of Italy and Germany, the growth of international rivalries and alliances leading to the war of 1914-18, and the history of Europe before the Second World War.

Text Book

- Thomson, D.: *Europe since Napoleon*.

Reference Books

- Brogan, D. W.: *The Development of Modern France, 1870-1939*.
Cobban, A.: *History of Modern France*, Vol. 2.
Eyck, E.: *Bismarck and the German Empire*.
Hobsbaum, E.: *The Age of Revolution*.
New Cambridge Modern History, Vols. X and XII.
Pinson, K.: *Modern Germany*.
Smith, D. M.: *Italy, A Modern History*.
Taylor, A. J. P.: *The Struggle for Mastery in Europe, 1848-1918*.
Walsh, W. B.: *Russia and the Soviet Union*.

Part (b)—British History 1815-1940

Social, economic and political developments in 19th and 20th century Britain are considered in this part of the course.

Text Books

- Ensor, R. C. K.: *England, 1870-1914* (Oxford History of England).
Mowat, R. B.: *England, 1919-1940*.
Somervell, D. C.: *English Thought in the Nineteenth Century*.
Thomson, D.: *England in the Nineteenth Century* (Pelican).
Woodward, E. L.: *Age of Reform*.

Reference Books

- Ashton, T. S.: *The Industrial Revolution* (HUL).
Briggs, A.: *The Age of Improvement*.
Bullock, A. and Deakin, F. W. (general editors): *The British Political Tradition* (specific volumes edited by R. J. White, S. Maccoby, A. Bullock and H. Pelling).
Clapham, J. H.: *Economic History of Modern Britain* (3 vols.).
Cole, G. D. H.: *Short History of the British Working Class Movement, 1789-1947*.
Cole, G. D. H.: *Chartist Portraits*.
Cole, G. D. H. (ed.): *British Working Class Movement — Select Documents*.
Court, W. H. B.: *Concise Economic History of Britain from 1750*.
Douglas, D. C. (ed.): *English Historical Documents*. Vols. XI, XII (1) and (2).
Fay, C. R.: *The Corn Laws and Social England*.
Gash, N.: *Politics in the Age of Peel*.
Halevy, E.: *History of the English People in the Nineteenth Century* (5 vols.).
Kier, D. L.: *Constitutional History of Modern Britain*.
Kitson Clark, G.: *The Making of Victorian England*.
Russell, B.: *Freedom and Organisation, 1814-1914*.
Southgate, D.: *The Passing of the Whigs*.
Wood, A.: *Nineteenth Century Britain*.

Part (c)—Imperialism and Expansion of Europe 1815-1939

General topics for study include the scramble for overseas colonies by European nations, various imperial concepts and systems, and the beginning of independence movements in colonial territories.

Text Books

- Easton, S.: *The Rise and Fall of European Colonialism* (Praeger Paperback).
Panikkar, K. M.: *Asia and Western Dominance*.
Roberts, P. E. and Spear, T.: *History of British India* (revised edition, 1952).
Williamson, J. A.: *A Short History of British Expansion*, Vol. II.
Wright, H. M. (ed.): *The New Imperialism* (Heath Paperback).

Reference Books

- Betts, R. F.: *Assimilation and Association in French Colonial Theory, 1890-1914*.
Dawson, R. M.: *The Development of Dominion Status, 1900-1936*.
Furnivall, J. S.: *Colonial Policy and Practice. A Comparative Study of Burma and Netherlands India*.
Hancock, W. K.: *Survey of British Commonwealth Affairs*.
Hobson, J.: *Imperialism, A Study*.
Keith, A. B.: *Select Documents in British Colonial Policy*.
Langer, W. L.: *The Diplomacy of Imperialism, 1890-1902*.

51.123 HISTORY IIIA (DISTINCTION)

This course will consist of special study of aspects of the Pass course. Students intending to take the course should consult the School of History for reading and other details.

51.133 HISTORY IIIB (DISTINCTION)

Honours students who undertake this course will participate in seminar discussions of selected problems in Australian history from the foundations to the present day. Students are expected to draw on primary sources that illuminate aspects of Australian history in which publication is scanty, or in which the conventional interpretation requires clarification or revision. In the amount of formal work the course is equivalent to 51.113 and 51.123 combined.

Text Books

- Clark, C. M. H.: *A History of Australia, Vol. I*.
Clark, C. M. H.: *Select Documents in Australian History* (2 vols.).
Greenwood, G. (ed.): *Australia, A Social and Political History*.

Reference Books

- Cambridge History of the British Empire*, Vols. II and III (Part 1).
Crawford, R. M.: *Australia*.
Fitzpatrick, B.: *British Imperialism and Australia, 1783-1833*.
Gollan, R.: *Radical and Working Class Politics in Australia*.
Grattan, C. H. (ed.): *Australia*.
Hancock, W. K.: *Australia*.
Kiddle, M.: *Men of Yesterday*.
Perry, T. M.: *Australia's First Frontier*.
Pike, D.: *Australia the Quiet Continent*.
Shaw, A. G. L.: *Economic Development of Australia*.
Ward, R.: *The Australian Legend*.

51.124 HISTORY IV (DISTINCTION)

Three of the following seven options will be selected. *Principal text books only are listed.* Students intending to take these courses should consult the School of History, where advice on reference books is available.

(a) *A period in the History of Historiography (The Eighteenth Century)*

- Bond, H. L.: *The Literary Art of Edward Gibbon.*
Brumfitt, J. H.: *Voltaire, Historian.*
Carr, E. H.: *What is History?*
Collingwood, R. G.: *The Idea of History.*
Gibbon, E.: *History of the Decline and Fall of the Roman Empire.*
Voltaire: *Age of Louis XIV.*

(b) *A period in British Constitutional History (1215 to 1603)*

- Chrimes, S. B.: *Introduction to the Administrative History of Medieval England.*
Elton, G. R.: *The Tudor Constitution.*
Elton, G. R.: *The Tudor Revolution in Government.*
Neale, J. E.: *Elizabeth I and her Parliaments* (2 vols.).
Powicke, F. M.: *King Henry III and the Lord Edward.*
Wilkinson, B.: *Constitutional History of Medieval England* (3 vols.).

(c) *A period in the History of Ideas (English and French Political Thought in the Sixteenth and Seventeenth Centuries)*

- Allen, J. W.: *A History of Political Thought in the Sixteenth Century.*
Gooch, G. P.: *English Democratic Ideas in the Seventeenth Century.*
Gough, J. W.: *Fundamental Law in English Constitutional History.*
Hazard, P.: *The Crisis of the European Conscience.*
Salmon, J. H. M.: *The French Religious Wars in English Political Thought.*

(d) *Russian History in the 19th and 20th Centuries.*

- Carr, E. H.: *History of Soviet Russia* (5 vols.).
Charques, R.: *Twilight of Imperial Russia.*
Deutscher, I.: *The Prophet Armed, Trotsky 1879-1921.*
Deutscher, I.: *The Prophet Unarmed, Trotsky 1921-1929.*
Seton-Watson, H.: *The Decline of Imperial Russia, 1855-1914.*
Venturi, F.: *Roots of Revolution.*
Vernadsky, G.: *History of Russia.*

(e) *American History in the 19th and 20th Centuries*

- New American Nation Series* (vols. by Billington, R. A.; Dulles, F. R.; Faulkner, H. E.; Hicks, J. D.; Link, A. S. and Mowry, G. E.).
Nye, R. B. & Morpurgo, J. E.: *History of the United States, Vol. 2.*
Schlesinger, A. M.: *Age of Jackson.*
Schlesinger, A. M.: *Rise of Modern America, 1865-1951.*

(f) Medieval European History

- Barracclough, G.: *Medieval Germany* (2 vols.).
Fawtier, R.: *The Capetian Kings of France*.
Ganshof, F. L.: *Feudalism*.
Kern, F.: *Kingship and Law in the Middle Ages*.
Pirenne, H.: *Medieval Cities*.
Southern, R. W.: *The Making of the Middle Ages*.
Ullmann, W.: *Growth of Papal Government in the Middle Ages*.

(g) Problems in African History

- Fage, J. D.: *An Introduction to the History of West Africa*.
Lugard, Lord: *The Dual Mandate in Tropical Africa*.
Oliver, R. and Mathew, G. (eds.): *The History of East Africa* (vol. 1)
Robinson, R. and Gallegher, I.: *Africa and the Victorians*.
Walker, E. A.: *A History of South Africa*.

AUSTRALIAN STUDIES

51.211 AUSTRALIAN STUDIES

A course of 90 hours comprising lectures and tutorials, available to students who have successfully completed one year in the Faculty of Arts.

In addition to general consideration of Australian history, the course will involve the study of economic, social, and cultural developments.

Text Books

- Clark, C. M. H.: *A History of Australia*, Vol. 1.
Greenwood, G. (ed.): *Australia. A Social and Political History*.
Hancock, W. K.: *Australia*.
Shaw, A. G. L.: *Economic Development of Australia*.

Reference Books

- Clark, C. M. H.: *Select Documents in Australian History* (2 vols.).
O'Brien, E.: *The Foundation of Australia*.
— *Cambridge History of the British Empire*, Vol. VII (a).
Fitzpatrick, B.: *British Imperialism in Australia*.
Fitzpatrick, B.: *The British Empire in Australia*.
Green, H. M.: *A History of Australian Literature*.
Ferguson, J.: *Bibliography of Australia*.
Ward, R.: *The Australian Legend*.
Kiddell, M.: *Men of Yesterday*.

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 themes that have been developed to account for, and sometimes to advocate, these governmental forms and actions.

54.111 POLITICAL SCIENCE I

A course of 90 hours (70 lectures; 20 tutorials)

Introductory lectures in the first few weeks are intended to give students some idea of the range and variety of political studies. Thereafter for two terms, lectures and tutorials are concerned with an enquiry into the nature of politics and of some important questions in this field, and also with analysis of the institutions and processes of different systems of government, using Australia as a major example. In the third term several special topics arising from the more general study in terms 1 and 2 are dealt with in groups of three lectures each. Regular tutorial work is required for at least two terms.

Text Books

- Dahl, R.: *Modern Political Analysis*, Prentice-Hall, New Jersey, 1964.
Sawer, G.: *Australian Government Today*, Melbourne University Press Paperback, 1961 (or later edition).
Where, K. C.: *Legislatures*, Oxford University Press, 1963.
Jupp, J.: *Australian Party Politics*, Melbourne University Press, 1964.
Crick, B.: *In Defence of Politics*, Pelican, 1964.

Reference Books

- Crisp, L. F.: *The Parliamentary Government of the Commonwealth of Australia*.
Davies, A.: *Australian Democracy*.
Davis, S. R. (ed.): *The Government of the Australian States*.
Dicey, A. V.: *The Law of the Constitution*.
Encel, S. R.: *Cabinet Government in Australia*.
Field, G. C.: *Political Theory*.
Greenwood, G. (ed.): *Australia, a Social and Political History*.
Inglis, K.: *The Stuart Case*.
Jennings, I.: *The British Constitution*.
Lasswell, H.: *Politics, Who Gets What, When, How*.
Mayo, H. B.: *An Introduction to Democratic Theory*.
Miller, J. D. B.: *Australian Government and Politics*.
Miller, J. D. B.: *The Nature of Politics*.
Rawson, D. W.: *Australian Votes—The 1958 Federal Election*.
Rorke, J. (ed.): *Aspects of Australian Government*.
Russell, B.: *Power—A New Social Analysis*.
Shaw, A. G. L.: *The Story of Australia*.

54.112 POLITICAL SCIENCE II (PASS)

A course of 90 hours (70 lectures; 20 seminars)

In this course the government and politics of the United States and of Soviet Russia are studied separately, except for some joint seminars. Special reference is made, on the one hand, to Marxist theory and practice in Russia, and, on the other, to ideas of constitutionalism and democracy in the United States.

Text Books

(a) *American Government and Politics:*

Potter, A. M.: *American Government and Politics* (Faber Paper Covered Editions, London, 1962).

Rossiter, C.: *Parties and Politics in America* (Cornell University Press, Paperback, 1960).

Greenstein, F.: *The American Party System and the American People* (Prentice-Hall, New Jersey, 1963).

Neustadt, R.: *Presidential Power* (Signet Book, New American Library, 1960).

White, T. H.: *The Making of the President, 1960* (Athenaeum House, Pocket Books, New York, 1961).

(b) *Russian Government and Politics:*

Constitution of the U.S.S.R. (Foreign Languages Publishing House, Moscow).

Rules of the Communist Party of the Soviet Union (Foreign Languages Publishing House, Moscow).

*Scott, D. J. R.: *Russian Political Institutions* (Allen & Unwin, London, 1961).
The Essential Left (Unwin Paperback, London, 1962).

Wilson, E.: *To the Finland Station* (Fontana Books).

*An alternative to Scott is: Házard, J. N.: *The Soviet System of Government* (Chicago University Press, 1961).

Reference Books

(a) *American Government and Politics:*

Bell, D.: *The End of Ideology*.

Burns, J. M. and Peltason, J. W.: *Government of the People*.

Coyle, D. C.: *The U.S. Political System*.

de Tocqueville, A.: *Democracy in America*.

Key, V. O.: *Politics, Parties and Pressure Groups*.

Lippmann, W.: *The Public Philosophy*.

Lubell, S.: *The Future of American Politics*.

Mason, A. T. and Beane, W. M.: *The Supreme Court in a Free Society*.

Maurois, A.: *A New History of the U.S.A.*

Myrdal, G.: *The American Dilemma*.

Neustadt, R.: *Presidential Power*.

Ogg, F. A. and Ray, R. A.: *American Government*.

Ogg, F. A. and Ray, R. A.: *Essentials of American Government*.

Stannard, H. M.: *The Two Constitutions*.

(b) *Russian Government and Politics:*

Acton, H. B.: *The Illusion of the Epoch*.

Carew-Hunt, R. N.: *The Theory and Practice of Communism*.

- Carr, E. H.: *A History of Soviet Russia*.
 Chamberlain, W. H.: *The Russian Revolution*.
 Conquest, R.: *Commonsense about Russia*.
 Deutscher, I.: *Stalin—A Political Biography*.
 Denisov, A. and Kirichenko, M.: *Soviet State Law*.
 Fainsod, M.: *How Russia is Ruled* (1963 Revised Edition).
 Feuer, L. S. (ed.): *Marx and Engels—Basic Writings on Politics and Philosophy*.
 Gray, A.: *The Socialist Tradition*.
 Gsovski, V. and Grsybowski, K.: *Government Law and Courts in the Soviet Union and Eastern Europe*.
 Hazard, J. N.: *Settling Disputes in Soviet Society*.
 McNeal, R. H. (ed.): *Lenin, Stalin, Khrushchev—Voices of Bolshevism*.
 McNeal, R. H. (ed.): *The Russian Revolution—Why did the Bolsheviks Win?*
 Moorehead, A.: *The Russian Revolution*.
 Plamenatz, J.: *German Marxism and Russian Communism*.
 Schapiro, L. B.: *The Communist Party of the Soviet Union*.

54.122 POLITICAL SCIENCE II (Distinction)

This course will be concerned with British and American liberal-democratic thought and its Marxist critics in the nineteenth and twentieth centuries.

Text Books

- Bullock, A. and Shock, M.: *The Liberal Tradition from Fox to Keynes* (Black London, 1956).
 Mill, J. S.: *On Liberty and Representative Government* (any complete edition).
 Lindsay, A. D.: *The Modern Democratic State* (Oxford University Press, London, 1943 [or later edition]).
 Hamilton, A., Jay, J. and Madison, J.: *The Federalist Papers* (Mentor Books, or any complete edition).
 Bottomore, T., and Rubel, M.: *Karl Marx—Selected Writings in Sociology and Social Philosophy* (Pelican, 1963).
 Mason, A. T. and Leach, R. H.: *In Quest of Freedom* (Prentice-Hall, New Jersey, 1959).

Reference Books

- Cowling, M.: *Mill and Liberalism*.
 Rees, J. C.: *Mill and his Early Critics*.
 Spencer, H.: *Man versus the State*.
 Ulam, A. B.: *The Philosophical Foundations of English Liberalism*.
 Berlin, I.: *Two Concepts of Liberty*.
 Benn, S. L. and Peters, R. S.: *Social Principles and the Democratic State*.
 Mayo, H. B.: *An Introduction to Democratic Theory*.
 Cranston, M.: *Freedom, a New Analysis*.
 Riesman, D.: *Individualism Reconsidered*.
 Polanyi, M.: *The Logic of Liberty: Reflections and Rejoinders*.
 Schapiro, J. S.: *Liberalism*.
 Talmon, J. L.: *The Origins of Totalitarian Democracy*.

54.113 POLITICAL SCIENCE IIIA

A course of 90 hours of lectures and tutorials.

1. *The Politics of Developing Societies* (30 hours):

This part of the course begins by giving new theoretical bearings for understanding the politics of underdevelopment and of industrialisation. It then turns to a study of the impact upon the politics and government of developing nations of social divisions in traditional agrarian societies, the role of the intellectuals, nationalism, anti-colonialism and communism. There will be a special "case study" of one political system not hitherto examined, probably in South-East Asia.

Text Book

Kautsky, J. H. (ed.): *Political Change in Underdeveloped Countries* (Wiley & Sons, New York, 1962).

Reference Books

Almond, G. A. and Coleman, J. S. (eds.): *The Politics of Developing Areas*.

Ward, R. E. and Macridis, R. C. (eds.): *Modern Political Systems: Asia*.

Von der Mehden, F.: *Politics of the Developing Nations*.

Emerson, R.: *From Empire to Nation*.

Sigmund, P. E.: *The Ideologies of the Developing Nations*.

Heilbroner, R. L.: *The Great Ascent*.

Dallin, A. (ed.): *Diversity in International Communism*.

Dux, D.: *Ideology in Conflict: Communist Political Theory*.

Floyd, D.: *Mao against Krushchev*.

Barnett, A. D.: *Communist Strategies in Asia*.

Tinker, H.: *Ballot Box and Bayonet*.

2. *Social and Political Theory* (30 hours):

(a) Selected issues in the history of modern political theory and ideology; (b) Conceptual clarification of some of the categories employed in understanding and explaining political life, e.g., power, authority, influence, pressure, interest, groups, institutions, polity or political system.

(a)

Text Books

Watkins, F. M.: *The Age of Ideology—Political Thought, 1750 to the Present* (Prentice-Hall, Inc., 1964).

Flamenatz, J.: *Man and Society* (2 vols., Longmans, 1963).

Reference Books

Sabine, G. H.: *A History of Political Theory*.

Coker, F. W.: *Recent Political Thought*.

Watkins, F. M.: *The Political Tradition of the West*.

Brecht, A.: *Political Theory, The Foundations of Twentieth Century Political Thought*.

Laslett, P. and Runciman, W. G. (eds.): *Philosophy, Politics and Society* (Second Series).

Arendt, H.: *On Revolution*.

(b)

Text Books

The following articles will be prescribed reading:

- Partridge, P. H.: *Some Notes on the Concept of Power*, in *Political Studies*, Vol. XI, No. 2 (June, 1963).
- Partridge, P. H.: *Politics and Power*, in *Philosophy*, Vol. XXXVIII, No. 144 (April, 1963).
- Hume, L. J.: *Professor Partridge on Politics and Power*, in *APSA News*, Vol. 8, No. 4, (December, 1963).
- Plamenatz, J.: *Interests*, in *Political Studies*, Vol. 1, No. 1, 1954.
- Parker, R. S.: "Group Analysis" and Scientism in Political Studies, in *Political Studies*, Vol. IX, No. 1, February, 1961.
- Armstrong, K. G.: *Political Science and the Pressure Groups Theory*, in *APSA News*, Vol. IV, No. 1, March, 1959.
- Truman, T.: *The Group Interpretation, a Note*, in *APSA News*, Vol. IV, No. 4, December, 1959.
- Mayer, H.: *A Comment on Mr. Truman's Note* in *APSA News*, Vol. IV, No. 4, December, 1959.
- Dowling, R. E.: *Pressure Group Theory: Its Methodological Range*, in *American Political Science Review*, Vol. 54, No. 4, December, 1960.
- Golembiewski, R. T.: *The Group Basis of Politics—Notes on Analysis and Development*, in *American Political Science Review*, Vol. 54, No. 4, December, 1960.
- Loveday, P.: *Group Theory and Its Critics*, in *Sydney Studies in Politics: I*.

Reference Books

- Eulau, H.: *Political Behaviour*.
- Eulau, H.: *The Behavioural Persuasion in Politics*.
- Bentley, A. F.: *The Process of Government*.
- Truman, D.: *The Governmental Process*.
- Young, R. (ed.): *Approaches to the Study of Politics*.
- Easton, D.: *The Political System*.
- Van Dyke, V.: *Political Science: A Philosophical Analysis*.
- Hyneman, C.: *The Study of Politics*.
- Crick, B.: *The American Science of Politics*.
- Macridis, R. C.: *The Study of Comparative Government*.
- Lane, R.: *Political Life*.
- Lipset, S.M.: *Political Man*.
- Storing, H. J. (ed.): *Essays on the Scientific Study of Politics*.
- Ulmer, S. S. (ed.): *Introductory Readings in Political Behaviour*.
- Weldon, T. D.: *The Vocabulary of Politics*.

3. Either (a) *A Special Study of One Major European Political System* (30 hours). (For 1965, this will be Great Britain.)

or (b) *Local Government—Urban and Metropolitan* (30 hours).

or (c) *International Relations* (30 hours).

3a.

Text Books

- Moodie, G. C.: *The Government of Britain* (Crowell, New York, 1961).
- Harrison, W.: *Government of Britain* (Hutchinson, 1960).
- Blondel, J.: *Voters, Parties, and Leaders—The Social Fabric of British Politics* (Pelican, 1963).
- Young, W.: *The Profumo Affair—Aspects of Conservatism* (Penguin, 1964).
- Hill, A. and Whichelow, A.: *What's Wrong with Parliament?* (Penguin, 1964).

Reference Books

- Beer, S. H. and Ulam, A. B.: *Patterns of Government: The Major Political Systems of Europe*.
Macridis, R. C. and Ward, R. E. (eds.): *Modern Political Systems: Europe*.
Jennings, Sir I.: *Parliament*.
Jennings, Sir I.: *Party Politics* (3 vols.).
Morrison, H.: *Government and Parliament*.
Young, R.: *The British Parliament*.
Taylor, E.: *The House of Commons at Work*.
Nicolson, N.: *People and Parliament*.
Stewart, J. D.: *British Pressure Groups*.
McKenzie, R. T.: *British Political Parties*.
Boyd, F.: *British Politics in Transition*.

3b. Local Government—Urban and Metropolitan.

Text Books

- Banfield, Edward C. (ed.): *Urban Government, A Reader in Politics and Administration* (Free Press of Glencoe, 1961).
Sayre, W. and Kaufman, H.: *Governing New York City* (Russell Sage Foundation, New York, 1960).
Jackson, R. M.: *The Machinery of Local Government* (London, Macmillan, 1958).
Mackenzie, W. J. M.: *Theories of Local Government* (Pamphlet, London School of Economics, 1960).
Riker, W. H.: *The Study of Local Politics* (Random House, New York, 1959).
Atkins, R.: "Local Government" in Spann, R. N., *Public Administration in Australia*, Sydney, 1960. (Copies of some unpublished material on Australian Local Government by R. Atkins will be issued.)
South Pacific Commission: *Report of Technical Meeting on Urban Local Government*, 1964. (To be published late 1964.)

Reference Books

- Fiser, Webb S.: *Mastery of the Metropolis*.
Headrick, F. E.: "The Town Clerk in English Local Government."
Blair, George S.: *American Local Government*.
R.I.P.A. (London): *New Sources of Local Revenue*, Report of Study Group, 1956.
R.I.P.A. (London): *Development of Local Government in the Colonies*, Report of Conference, 1955.
Report of Royal Commission on Local Government in Greater London.
Polaschek, R. J. (ed.): *Local Government in New Zealand*, N.Z. Institute of Public Administration, 1956.
Dahl, Robert: *Who Governs*.
Bollens, John C.: *Exploring the Metropolitan Community*.
Winston, Denis: *Sydney's Great Experiment*.
Roleson, W. A. (ed.): *Great Cities of the World*.
Meyerson, M. and Barfield, E.: *Politics, Planning and the Public Interest*.
University of New England (Adult Education Department): *Selected Papers on Local Government*.
University of New England: *Local Government and Decentralisation*.
Johns, J. R.: *Metropolitan Government in Western Australia*.
Editors of "Fortune": *The Exploding Metropolis*.
I.U.L.A., The Hague: *Local Government throughout the World*.
Proceedings of Academy of Political Science, May, 1960: "The Urban Problems."
Mair, L. P.: "Representative Local Government as a Problem in Social Change" (Rhodes-Livingstone Journal, March 1957).
Humes, S. and Martin, E.: *The Structure of Local Governments Throughout the World*.

3c. *International Relations.*

Text Book

Morgenthau, H. J.: *Politics Among Nations* (A. Knopf, 1960).

Reference Books

Carr, E. H.: *The Twenty Years' Crisis.*

Corbett, P. E.: *Law in Diplomacy.*

Nicholas, H. G.: *The United Nations as a Political Institution.*

Nicholson, H.: *Diplomacy.*

Bell, C.: *Negotiations from Strength.*

Seton-Watson, H.: *Neither War nor Peace.*

Greenwood G. and Harper, N.: *Australia in World Affairs.*

Modelski, G.: *A Theory of Foreign Policy.*

Miller, J. D. B.: *The Commonwealth in the World.*

54.123 POLITICAL SCIENCE IIIA (Distinction)

A course of 60 hours.

This course will consist of special and intensive study of aspects of the Pass Course in 54.113 Political Science IIIA. Students should consult the School of Political Science for further required and recommended reading.

54.133 POLITICAL SCIENCE IIIB

A course of 90 hours of lectures and tutorials.

This course will consist of three out of the following 30-hour courses provided that no student is to include among the options any course taken under 54.113 Political Science IIIA.

1. Australian Political Parties, Pressure Groups and Studies of Voting Behaviour.
2. International Relations.
3. Local Government.
4. Politics and Economic Policy.
5. Special Study of One or Two Classical Political Thinkers.
6. Recent and Contemporary Social and Political Theory.

1.

Text Books

Burns, C. L.: *Parties and People* (Melbourne University Press, 1961).

Jupp, J.: *Australian Party Politics* (Melbourne University Press, 1964).

Rawson, D. W.: *Australia Votes* (Melbourne University Press, 1961).

Campbell, I.: *Groups in Theory and Practice* (Sydney Studies in Politics, No. 1, Cheshire, 1962).

Reference Books

- Overacker, L.: *The Australian Party System*.
Davies, A. F.: *Australian Democracy*.
Davis, S. R.: *The Government of the Australian States*.
Crisp, L. F.: *The Australian Federal Labor Party, 1901-1951*.
Ellis, U.: *The Country Party*.
Australian Institute of Political Science: *The Australian Party System*.
Duverger, M.: *Political Parties*.
Michels, R.: *Political Parties*.
Schattschneider, E. E.: *Party Government*.
Key, V. O.: *Politics, Parties and Pressure Groups*.
Truman, T.: *Catholic Action and Politics*.
Mayer, H.: *Catholics and the Free Society*.

2. As for 54.113 Political Science IIIA under 3c.

3. As for 54.113 Political Science IIIA under 3b.

4.

Text Books

- Dahl, R. A. and Lindblom, C. E.: *Politics, Economics and Welfare* (Harper Torchbook Paperback).
Hoover, C. B.: *The Economy, Liberty and the State* (Doubleday Anchor Paperback, 1961).
Fine, S.: *Laissez-Faire and the General-Welfare State* (Ann Arbor Paperback, 1964).

Reference Books

- Fainsod, M., Palamounain J. and Gordon, W.: *Government and the American Economy*.
Friedmann, W.: *The Planned State and the Rule of Law*.
Wootten, B.: *Freedom Under Planning*.
Hayek, F.: *The Road to Serfdom*.
Chester, D. N.: *The Nationalized Industries*.
Hanson, A. H.: *Nationalization: A Book of Readings*.
Robson, W. A.: *Problems of Nationalised Industry*.
Blau, P. M.: *Bureaucracy in Modern Society*.
Public Administration (Sydney), Vol. XVI, No. 1, March, 1957: Special Issue on "Public Enterprise in Australia."

5. In 1965, Marx.

Text Books

- Feuer, L. S. (ed.): *Basic Writings on Politics and Philosophy of Marx and Engels* (Doubleday Anchor Paperback).
Marx, K. and Engels, F.: *Selected Works* (2 vols.) (Foreign Languages Publishing House, Moscow).

Reference Books

- Lichtheim, G.: *Marxism—An Historical and Critical Study*.
Mayo, H. B.: *Introduction to Marxist Theory*.
Plamenatz, J.: *German Marxism and Russian Communism*.

- Plamenatz, J.: *Man and Society* (Vol. II).
- Bottomore, T. B. and Rubel, M.: *Karl Marx—Selected Writings in Sociology and Social Philosophy*.
- Mills, C. W.: *The Marxists*.
- Hook, S.: *The Ambiguous Legacy—Marx and the Marxists*.
- Tucker, R.: *Philosophy and Myth in Karl Marx*.
- Ulam, A. B.: *The Unfinished Revolution*.
- Meyer, A.: *Marxism: The Unity of Theory and Practice*.
- Popper, K.: *The Open Society and Its Enemies*.
- Schumpeter, J. A.: *Capitalism, Socialism and Democracy*.
- Carew-Hunt, R. N.: *The Theory and Practice of Communism*.

6. **Text Books**

- Gerth, H. H. and Mills, C. W.: *From Max Weber: Essays in Sociology* (Routledge Paperback).
- Bendix, R.: *Max Weber: An Intellectual Portrait* (Doubleday Paperback).

Reference Books

- Weber, M.: *Basic Concepts in Sociology*.
- Weber, M.: *The Theory of Social and Economic Organization*.
- Mills, C. W.: *The Power Elite*.
- Mills, C. W.: *Power, Politics and People*.
- Bell, D.: *The End of Ideology*.
- Lipset, S.: *Political Man*.
- Kornhauser, W.: *The Politics of Mass Society*.
- Lasswell, H. and Kaplan, A.: *Power and Society*.
- Bentley, A. F.: *The Process of Government: A Study of Social Pressures*.

54.143 POLITICAL SCIENCE IIIB (Distinction)

A course of 60 hours.

Students taking the Special (Honours) degree in Political Science will take this course in addition to 54.123 Political Science IIIA (Distinction). This course will consist of special study of aspects of the pass course in 54.133 Political Science IIIB. Students should consult the School of Political Science for further required and recommended reading.

ECONOMICS

15.101 ECONOMICS I

Three hours per week including tutorial classes

This subject provides an introduction to economic analysis. It begins with a general account of the major problems of economics and a short account of the methods of economic analysis. It then deals with two major fields of economic analysis. In one it reviews national income accounting concepts and the theory of income determination. In this section attention is given to the operation of the monetary system, the problems arising out of economic fluctuations, and the problem of overall economic policy. The other section of the subject provides an analysis of the pricing of individual products and services.

Preliminary Reading

- Heilbroner, R. L.: *The Making of Economic Society*, Prentice-Hall, 1962.
Robinson, M. A., Morton, H. C. and Calderwood, J. D.: *An Introduction to Economic Reasoning*, 3rd ed., Anchor Paperback, 1962.

Text Books

- Downing, R. I.: *National Income and Social Accounts*, latest ed., Melbourne U.P.
Lipsey, R. G.: *An Introduction to Positive Economics*, Weidenfeld and Nicholson, 1963.
Samuelson, P. A.: *Economics: An Introductory Analysis*, 6th ed., McGraw-Hill 1964.
Romney Robinson: *Study Guide and Workbook to Accompany Samuelson: Economics*, 6th ed., McGraw-Hill, 1964.
Tew, B.: *Wealth and Income*, 4th ed., Melbourne U.P., 1964.
National Income and Expenditure, 1963-1964, Commonwealth Government Printer, 1964.

Reference Books

- Australian National Accounts*, latest issue, Commonwealth Statistician.
Labour Report, latest issue, Commonwealth Statistician, Canberra, Commonwealth Government Printer.
Tariff Board, Annual Report, 1963-64, Commonwealth Government Printer.
Dillard, D.: *The Economics of J. M. Keynes*, Crosby Lockwood, 1958.
Edey, H. C. and Peacock, A. T.: *National Income and Social Accounting*, 2nd ed., Hutchinson University Library, 1963.
Karmel, P. H., and Brunt, M.: *The Structure of the Australian Economy*, Cheshire, 1962.
Leftwich, R. H.: *The Price System and Resource Allocation*, Holt, Rinehart and Winston, 1961.
Samuelson, P. A., Bishop, R. L., and Coleman, J. R. (eds.): *Readings in Economics*, McGraw-Hill, 1958.
Sayers, R. S.: *Modern Banking*, 5th ed., Oxford U.P., 1960.
Sirkin, G.: *Introduction to Macro-Economic Theory*, Irwin, 1961.
Stonier, A. W., and Hague, D. C.: *A Textbook of Economic Theory*, 2nd ed. Longmans, 1960.

15.102 ECONOMICS II

Three hours per week including tutorial classes

This subject is concerned with micro-economics. It begins with an account of the theories of demand and production and then turns to an examination of pricing policies in different market situations. The subject will include a critical review of some of the empirical studies of pricing policy as well as the theoretical literature in the field.

Text Books

Due, J. E. and Clower, R. W.: *Intermediate Economic Analysis*, 4th ed. Irwin, 1961.
Scitovsky, T.: *Welfare and Competition*, Allen and Unwin, 1952.

Reference Books

Allen, C. L.: *Elementary Mathematics of Price Theory*, Wadsworth, 1962.
Bain, J. S.: *Barriers to New Competition*, Harvard U.P., 1956.
Duesenberry, J. S. and Preston, L. E.: *Cases and Problems in Economics*, Allen and Unwin, 1960.
Heflebower, R. B., and Stocking, G. W.: *Readings in Industrial Organization and Public Policy*, Irwin, 1958.
Hunter, A. (ed.): *The Economics of Australian Industry: Studies in Environment and Structure*, Melbourne U.P., 1963.
Karmel, P. H., and Brunt, M.: *The Structure of the Australian Economy*, Cheshire, 1962.
Klein, L. R.: *An Introduction to Econometrics*, Prentice-Hall, 1962.

15.112 ECONOMICS II (DISTINCTION)

The content of this subject will include that of 15.102 Economics II as well as additional and more advanced work in micro-economic analysis. Honours students enrolled for 15.112 Economics II will attend the lectures in 15.102 Economics II but will also attend special Honours tutorials.

Text and Reference Books as for 15.102 Economics II. Additional reading will be prescribed in tutorials.

15.103 ECONOMICS IIIA

Three hours per week including tutorial classes

This subject is concerned with macroeconomic theory and policy. Consideration will be given to the concept and measurement of national income; static and dynamic aspects of the theory of aggregate output, employment and the price level including inflation; wages policy with special reference to Australia; some aspects of cyclical fluctuations and economic growth; the implication of macroeconomic theory for monetary and fiscal policy; some aspects of the formulation and conduct of economic policy with special reference to Australia.

Text Books

- Ackley, G.: *Macroeconomic Theory*, Macmillan, 1961.
Arndt, H. W. and Corden, W. M. (eds.): *The Australian Economy*, Cheshire, 1963.
Matthews, R. C. O.: *The Trade Cycle*, Cambridge U.P., 1960.

Reference Books

- Arndt, H. W.: *The Australian Trading Banks*, 2nd ed. Cheshire, 1960.
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.
Fellner, W. F.: *Trends and Cycles in Economic Activity*, Holt, 1956.
Gordon, R. A.: *Business Fluctuations*, 2nd ed. Harper, 1961.
Hansen, A. H.: *Business Cycles and National Income*, Norton, 1951.
Hansen, A. H.: *A Guide to Keynes*, McGraw-Hill, 1953.
Hansen, A. H.: *Monetary Theory and Fiscal Policy*, McGraw-Hill, 1949.
Hart, A. G., and Kenen, P. B.: *Money Debt and Economic Activity*, Prentice-Hall, 1962.
Hicks, J. R.: *A Contribution to the Theory of the Trade Cycle*, Oxford, 1950.
Keynes, J. M.: *The General Theory of Employment, Interest and Money*, Paperback ed. Macmillan, 1961.
Klein, L. R.: *The Keynesian Revolution*, Macmillan, 1954.
Kurihara, K. K.: *Monetary Theory and Public Policy*, Allen and Unwin, 1951.
Kurihara, K. K. (ed.): *Post-Keynesian Economics*, Allen and Unwin, 1955.
Kurihara, K. K.: *Introduction to Keynesian Dynamics*, Allen and Unwin, 1958.
Lundberg, E. L.: *Business Cycles and Economic Policy*, Allen and Unwin, 1957.
National Bureau of Economic Research: *Regularisation of Business Investment*, Princeton, 1954.
Pigou, A. C.: *Employment and Equilibrium*, Macmillan, 1949.
Readings in Business Cycle Theory, American Economic Association Series, Allen and Unwin, 1953.
Readings in Monetary Theory, American Economic Association Series, Allen and Unwin, 1953.
Income, Employment and Public Policy: Essays in Honour of Alvin H. Hansen, Norton, 1948.

15.113 ECONOMICS IIIA (DISTINCTION)

The content of this subject will include that of 15.103 Economics IIIA as well as additional and more advanced work in macro-economic analysis. Honours students enrolled for 15.113 Economics IIIA will attend the lectures in 15.103 Economics IIIA but will also attend special Honours tutorials.

Text and Reference Books as for 15.103 Economics IIIA. Additional reading will be prescribed in tutorials.

15.123 ECONOMICS IIIB (DISTINCTION)

This subject consists of any two subjects chosen from the following:

- 15.211 History of Economic Thought.
- 15.221 Public Finance and Fiscal Policy.
- 15.231 Financial Institutions and Policy.
- 15.241 Economic Development.
- 15.251 Economics of Industry.
- 15.261 Welfare Economics.
- 15.271 International Economics
- 15.281 Labour Economics.
- 15.301 Comparative Economic Systems.
- 15.431 Econometrics.
- 15.711 Mathematical Economics I.
- 15.712 Mathematical Economics II.

Descriptions of the content of these subjects and lists of text and reference books for 1965 are given in the Faculty of Commerce Handbook. Students should also note that not all these subjects are necessarily made available each year, and that further enquiries should be made to the School.

15.104 ECONOMICS IV

The syllabus for this subject is identical with that of 15.104 Advanced Economic Analysis for Commerce students. The reading matter will consist mainly of articles published in learned journals. Further particulars will be given to students by the lecturers concerned.

PSYCHOLOGY

12.011 PSYCHOLOGY I

A course of 90 hours' lectures and 60 hours' laboratory work.

The course treats 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 organising 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.

The practical course reinforces some of the matter of theory lectures by way of group experiments and demonstrations, and provides some experience in methods of psychological observation and statistical procedures appropriate to them.

Text Books

Munn, N. L.: *Psychology* (Houghton Mifflin), 4th ed., 1961.

AND

Drever, J.: *A Dictionary of Psychology* (Pelican), 1952

AND EITHER

Crafts, L. W. et al.: *Recent Experiments in Psychology* (McGraw-Hill), 1950, 2nd edition;

OR

Valentine, W. L., and Wickens, D. D.: *Experimental Foundations of General Psychology*, Rinehart, 1956.

Reference Books

Anastasi, A. and Foley, J. P.: *Differential Psychology* (Macmillan), 1949.

Geldard, F. A.: *The Human Senses* (Wiley), 1953.

Hunter, I. M. L.: *Memory: Facts and Fallacies* (Pelican), 1957.

Morgan, C. T.: *Physiological Psychology*, 1964.

Wenger, M. A., Jones, F. N. and Jones, M. H.: *Physiological Psychology* (Constable), 1956.

12.022 PSYCHOLOGY II

A course of 6 hours per week of lectures and practical work.

Part (a): General Psychology Theory

Causation of behaviour. Theoretical issues from the fields of motivation, learning, perception, personality, social psychology, and individual differences. Laboratory research data and the research findings of sociologists and cultural anthropologists are examined to assess the interaction between the person and his environment in the causation of behaviour and in personality development. Selected areas of the theory are made the matter of laboratory experiments conducted throughout the course.

Text Books

Keller, F. S.: *Learning: Reinforcement Theory* (Random House), N.Y. 1954.
A further text book to be advised.

Reference Books

- Allport, G. W.: *Pattern and Growth in Personality* (Holt, Rinehart and Winston), 1962.
Baughman, E. E., and Welsh G. S.: *Personality: A Behavioural Science* (Prentice-Hall), 1962.
Bonner, H.: *Psychology of Personality* (Ronald), 1961.
Brand, H. (ed.): *Readings in Personality* (Wiley).
Diamond, S.: *Personality and Temperament* (Harper), 1957.
Eysenck, H. J.: *Scientific Study of Personality* (Macmillan).
Eysenck, H. J. (ed): *Handbook of Abnormal Psychology* (Pitman), 1960.
Mutt, M. L. and Gibby, R. G.: *The Child* (Allyn and Bacon), 1959.
Mussen, P. H., Conger J. J. and Kagan, J.: *Child Development and Personality*, (2nd Edn. Harper), 1963.
Sarnoff, I.: *Personality Dynamics and Development* (Wiley), 1962.
Shibutani, Tamotsu: *Society and Personality* (Prentice-Hall), 1961.
Stagner, Ross: *Psychology of Personality* (McGraw-Hill), 3rd ed.

Part (b): Psychological Testing

Mental measurement. Selected aspects of psychological testing (e.g., the purpose, application and value of sampled tests; test administration and interpretation of test scores). Practical work includes individual testing and psychometric analysis using appropriate statistical procedures.

Text Books

- Guilford, J. P.: *Fundamental Statistics in Psychology and Education* (McGraw-Hill), 1956.
Nunnally, J. D.: *Tests and Measurements* (McGraw-Hill), 1959.

Reference Books

- Anastasi, A.: *Psychological Testing* (Macmillan), 1961.
Cronbach, L. J.: *Essentials of Psychological Testing* (Harper), 1960.
Edwards, A. L.: *Statistical Analysis* (Holt), 1958.
Freeman, F. S.: *Theory and Practice of Psychological Testing* (Holt), 1962.
Garrett, H. E.: *Statistics in Psychology and Education* (Longmans), 1958.
Lyman, H. B.: *Test Scores and What They Mean* (Prentice-Hall), 1963.
Penman, J. G.: *Introduction to Applied Statistics* (Harper), 1963.
Terman, L. M. and Merrill, M. A.: *Measuring Intelligence* (Harrap), 1937.
Tyler, L. E.: *Tests and Measurements* (Prentice-Hall), 1963.
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.
Wechsler, D.: *The Measurement and Appraisal of Adult Intelligence* (Williams and Wilkins), 1958.
Wood, D. A.: *Test Construction* (Merrill), 1960.

12.012 PSYCHOLOGY II (DISTINCTION)

Eight hours per week of lectures and practical work.

Part (a): General Psychological Theory

Causation of behaviour. Theoretical issues from the fields of motivation, learning, perception, personality, social psychology, and individual differences. Laboratory research data and the research findings of sociologists and cultural anthropologists are examined to assess the interaction between the person and his environment in the causation of behaviour and in personality development. Selected areas of the theory are made the matter of laboratory experiments conducted throughout the course.

Part (b): Psychological Testing

Mental measurement. Selected aspects of psychological testing (e.g., the purpose, application and value of sampled tests; test administration and interpretation of test scores). Practical work includes individual testing and psychometric analysis using appropriate statistical procedures.

Part (c): Social Psychology

Contemporary theories of social behaviour. Analysis of social organisation. Effects of group membership. Attitude formation and change. Problems of method. Techniques of data collection and analysis. Practical work concerned with some of these matters is undertaken.

Text and Reference Books

As for 12.022 Psychology II, Parts (a) and (b) together with: *Part (c)*.

Text Books

Krech, D.: Crutchfield R. S., and Ballachey, E. S.: *Individual in Society: A Text-book of Social Psychology* (McGraw-Hill) New York, 1962.

Reference Books

Asch, S. E.: *Social Psychology* (Prentice-Hall) N.J., 1952.

Lindzey, G. (ed.): *Handbook of Social Psychology*, Vols 1 and 2, (Mass: Addison-Wesley), 1954.

Maccoby, E. E., Newcomb, T. M. and Hartley E. L.: *Readings in Social Psychology* (Holt) New York, 1958.

Shibutani, T.: *Society and Personality* (Prentice-Hall) N.J., 1961.

12.023 PSYCHOLOGY IIIA

A course of 180 hours of lectures and practical work.

Part (a): General Psychology Theory.

Evaluation of theories of motivation, perception, learning and personality.

Text Books

Dember, W. N.: *The Psychology of Perception* (Holt, Rinehart and Winston), 1960.

Hall, J. F.: *Psychology of Motivation* (Lippincott), 1961.

Reference Books

- Brown, J. S.: *Motivation of Behaviour* (McGraw-Hill).
Cofer, C. N. and Appleby, M. H.: *Motivation: Theory and Research* (Wiley).
Hall, C. S. and Lindzey, G.: *Theories of Personality* (Wiley), 1957.
McClelland, D. (ed.): *Studies in Motivation* (Appelton-Century-Crofts).
Stacey, C. L. and de Martino, M. F. (eds.): *Understanding Human Motivation* (Howard Allen), revised edition, 1963.
Young, J. F.: *Motivation and Emotion* (Wiley)

Part (b): Psychological Assessment I.

Personality and aptitude assessment. Test validation, reliability, administration and interpretation.

Text Books

- Guildford, J. P.: *Psychometric Methods* (McGraw-Hill), 1954.
or
Thorndike, R. L.: *Personnel Selection* (Wiley), 1949; and
Guildford, J. P.: *Fundamental Statistics in Psychology and Education* (McGraw-Hill), 1956.
or
McNemar, Q.: *Psychological Statistics* (Wiley), 1962.

Reference Books

- Bass, B. M. and Berg, I. A. (Eds.): *Objective Approaches to Personality Assessment*.
Cronbach, L. J.: *Essentials of Psychological Testing* (Harper), 1960.
Edwards, A. L.: *Statistical Methods for the Behavioural Sciences* (Rinehart), 1954.
Ferguson, L. W.: *Personality Measurement* (McGraw-Hill), 1952.
Gerberich, J. R.: *Specimen Objective Test Items* (Longmans), 1956.
Ghiselli, E. E.: *Theory of Psychological Measurement*, (McGraw-Hill), 1964.
Lindquist, E. F. (Ed.): *Educational Measurement* (American Council on Education), 1951.
Nunnally, J. C.: *Tests and Measurements* (McGraw-Hill), 1959.
Vernon, P. E.: *Personality Tests and Assessments* (Methuen), 1953.

Part (c): A third strand of 60 hours to be selected from the following:

(i) Experimental Psychology

Experimental work to illustrate design and measurement of psychological variables.

No one text book meets the requirements of the Experimental Section of the Course.

Reference Books

- Ackoff, R. L.: *Scientific Method* (Wiley).
Horst, P.: *Matrix Algebra for Social Scientists*, (Holt, Rinehart and Winston).
Koch, S.: *Psychology: A Study of a Science*, Vols. I, II, IV, V, VI (McGraw-Hill), 1959-63.
Osgood, C. E.: *Method and Theory and Related Approaches to Social Behaviour* (Oxford University Press), 1953.
Shubik, M.: *Game Theory and Related Approaches to Social Behaviour* (Wiley).
Stevens, S. S.: *Handbook of Experimental Psychology* (Wiley), 1960.
Thrall, R. M., Coombs, C. H.: *Decision Processes* (Wiley and Davis, R. L.).

(ii) Abnormal Psychology

An introduction to the problems of abnormal behaviour. In this course attention will be devoted to the dynamics of psychopathology, and emphasis will be paid to the relation of abnormal behaviour to personality development. Some consideration will be given to the problem of symptoms.

Text Book

White, R.: *The Abnormal Personality* (Ronald Press), 1964, 3rd edition.

Reference Books

Fenichel, O.: *The Psychoanalytic Theory of the Neuroses* (Routledge, Kegan Paul) London, 1945.

Freud, S.: *Collected Papers*, Vols. 1-5.

Freud, S.: *An Introduction to Psychoanalysis*.

Hutt, N. L. and Gibby, R. G.: *Patterns of Abnormal Behaviour* (Boston, Allyn and Bacon), 1958.

Guntrip, H.: *Personality, Structure and Human Interaction* (Hogarth Press), 1960.

Klein, M. et al.: *Developments in Psychoanalysis* (ed. E. Jones), 1952.

Lemert, E.: *Social Pathology*, 1951.

(iii) Social Psychology

An introduction to social psychology in which contemporary theories of social behaviour will be examined. Topics to be included are: analysis of social organisation, effects of group membership, attitude formation and change, problems of method, techniques of data collection and analysis.

Text Books

Krech, D., Crutchfield, R. S. and Ballachey, E. D.: *Individual in Society: A Text-book of Social Psychology* (McGraw-Hill) New York, 1962.

Reference Books

Asch, S. E.: *Social Psychology* (Prentice-Hall) N.J., 1952.

Lindzey, G. (ed.): *Handbook of Social Psychology*, Vols. 1 and 2.

Maccoby, E. E., Newcomb, T. M. and Hartley, E. L.: *Readings in Social Psychology*.

Shibutani, T.: *Society and Personality* (Prentice-Hall) N.J., 1961.

12.033 PSYCHOLOGY IIIA (DISTINCTION)

A course of 240 hours of lectures and practical work.

This course consists of the following courses set out for 12.023 Psychology III, Part (a), Part (b), Part (c) Experimental and Abnormal, as well as further selected reading.

12.034 PSYCHOLOGY IIIB (DISTINCTION)

A course of 240 hours of lectures and practical work.

The course comprises (a) an advanced study of a selected field of Psychology (e.g., Psychopathology, Experimental Psychology, Social Psychology, Differential Psychology) to be determined in consultation with the Head of the School of Applied Psychology; and (b) a study of research design and advanced psychometric techniques. Approximately half of the course time is allotted to practical work.

Text Books

(a) A list of text books for the study of a selected field of Psychology will be made available to students after the determination of their special fields

(b) Cronbach, L. G.: *The Essentials of Psychological Testing* (Harper), 1949.

Vernon, P.: *Personality Tests and Assessments* (Methuen), 1953.

Other text books will be listed during the course.

12.035 PSYCHOLOGY IV (HONOURS)

Candidates for honours should consult the Head of the School of Applied Psychology for a determination of course requirements.

SOCIOLOGY

53.111 SOCIOLOGY I

A course of 90 hours per year (three per week).

The course is concerned with the study of the nature of human society and the fact that the way men behave is determined largely by their membership in groups and by the way the members of the groups react to each other.

Approximately sixty hours will be concerned with the nature and structure of society (Section A below) and approximately thirty hours with the research methods of the sociologist.

Section A: The Nature of Society

The elements involved in the structure of society and its dynamic nature. The underlying pattern of social interaction between people. Basic trends in Western society. Culture, personality, and human nature. Social classes and social mobility. Crowds, mobs, fads, fashions. Public opinion and propaganda. The family, from a sociological point of view. Minorities. Criminal and delinquent behaviour.

Section B: Research Methods

A consideration of the methods of studying human relations, together with an introduction to social statistics.

Text Books

Broom, L. and Selznick, P.: *Sociology* (Row, Peterson), 3rd edition, 1963.
Zelditch, M.: *A Basic Course in Sociological Statistics* (Holt-Dryden), 1959.
Backstrom, C. H. and Hursh, G. D.: *Survey Research* (Northwestern University Press), 1963.

53.112 SOCIOLOGY II

This course will be centred on a study of the community, with particular emphasis on the nature of institutions and their functions in the community, as well as a consideration of the socialization process related to group membership and social change in the community.

The course of 90 hours (three per week) is divided as follows:

Section A: Personality, Culture, Socialization

This section will cover a detailed examination of the relation between personality and culture and the processes of socialization; at the same time the place of small groups in personality and social change will be studied with particular reference to the results of experimental work in this field.

Section B: Institutions

A general definition and classification of institutions will be followed by a study of the processes by which a social organisation becomes institutionalized, together with an examination of the social functions performed by institutions. The sociology of the family, science, industry, education and religion will be studied as examples of institutional behaviour.

Section C: Community Structure and Social Change

The whole community will then be studied in terms of its elements, such as informal and formal groups, family-community relations,

religion and the community, political and economic institutions, school-community relations, and industry. Such dimensions of community as the age-structure, social stratification, and the value system, will be considered before studying the nature and forms of social change.

Section D: Social Statistics

This section will deal with methods of sociological research and the application of statistical inference to sociological data.

Text Books

Toby, J.: *Contemporary Society* (Wiley), 1964.

Cohen, Y. A.: *Social Structure and Personality* (Holt, Rinehart and Winston), 1961.

Goode, W. J. and Hatt, P. K.: *Methods in Social Research* (McGraw-Hill), 1952.

Olmsted, M. S.: *The Small Group* (Random House), 1959.

Zelditch: *A Basic Course in Sociological Statistics* (Holt-Dryden), 1959.

Reference Books

Firth: *Elements of Social Organisation* (Watts), 3rd edition, 1961.

Feibleman: *The Institutions of Society*.

Rose, A. (ed.): *The Institutions of Advanced Societies* (Minnesota University Press), 1958.

53.122 SOCIOLOGY II (DISTINCTION)

This course consists of an intensive study of one aspect of the pass course (60 hours). Recommended reading will be prescribed during the course.

53.113 SOCIOLOGY IIIA

A course of 90 hours concerned with sociological theory, supplemented by advanced work in sociological methods.

Section A:

The main streams of sociological theory will be considered, followed by the examination of some continuing issues in sociological theory:

(a) France: Emile Durkheim.

(b) Germany: Max Weber, Georg Simmel.

(c) Italy: Pareto.

(d) America: Cooley, Dewey, Summer, Mead, Thomas, Park.

(e) Britain: Radcliffe Brown, Malinowski.

Section B:

This section will cover in detail methods of research design, measurements, analysis, interpretation, and advanced statistical methods applicable to such research.

Text Books

Coser and Rosenberg: *Sociological Theory: A Book of Readings* (Macmillan).

Martindale, D. A.: *The Nature and Types of Sociology Theory* (Routledge and Kegan Paul).

Blalock, H. M.: *Social Statistics* (McGraw-Hill), 1960.

Selltiz, C., Jahoda, M., Deutsch, M. and Cook, S. W.: *Research Methods in Social Relations* (Holt-Dryden), revised edition, 1959.

Reference Books

- Gibbs, J. P.: *Urban Research Methods* (Van Nostrand), 1961.
Zimmern, A.: *The Greek Commonwealth* (Oxford Paperback).
Huizinga, J.: *The Waning of the Middle Ages* (Pelican).
Thomson, D.: *Europe Since Napoleon* (Longmans).
Bury, J. B.: *The Idea of Progress* (Dover).
Hofstadter, R.: *Social Darwinism in American Thought* (Beacon Press).
Bottomore and Rubel: *Karl Marx: Selected Writings in Sociology and Social Philosophy* (Pelican).
Durkheim, E.: *The Division of Labor in Society* (Free Press).
Gerth and Mills: *From Max Weber: Essays in Sociology* (Routledge and Kegan Paul).
Bendix, R.: *Max Weber: An Intellectual Portrait* (Doubleday).
Mannheim, K.: *Ideology and Utopia* (Routledge and Kegan Paul).
Parsons, T. and Shils, E.: *Toward a General Theory of Action* (Harvard U.P.).
Parsons, T. et al.: *Theories of Society* (Free Press).
Merton, R. K.: *Social Theory and Social Structure* (Free Press).
Homans, G. C.: *The Human Group* (Routledge and Kegan Paul).

53.123 SOCIOLOGY IIIA (DISTINCTION)

A course of 90 hours (three per week) which will consist of an intensive study of a particular aspect of the 53.113 Pass Course. Recommended reading will be prescribed during the course.

53.133 SOCIOLOGY IIIB

A course of 90 hours divided into study topics according to the interests and elections of particular students. Topics will be drawn from the following:

- Mass communications.
- Crime and delinquency.
- Urban sociology.
- Social administration.
- Social stratification.
- Marriage and family.
- Industrial sociology.
- Public opinion propaganda.
- Demographic sociology.
- Sociology of religion.
- Health education.
- Sociology of social work.

Recommended reading will be prescribed during the course.

53.143 SOCIOLOGY IIIB (DISTINCTION)

A course of 90 hours (three per week) which will consist of an intensive study of a particular aspect of the 53.133 Pass course.

Recommended reading will be prescribed during the course.

53.114 SOCIOLOGY IV (HONOURS)

The course will consist of two parts:

- A. Seminars in both (i) advanced sociological theory, and (ii) advanced sociological research methods.
- B. A research thesis carried out under close supervision and embodying original research of an empirical or critical nature.

Recommended reading will be prescribed during the course.

PHILOSOPHY

52.111 PHILOSOPHY I

Three hours of lectures weekly, together with tutorials as arranged. The course falls into three sections:

Section A:

A general introduction to Philosophy: an outline of the aims and methods of Philosophy, and of the traditional and modern approaches to the study of logic, of "value" terms as met in ethics and aesthetics, and the sources of our knowledge.

Section B:

A study of some of Plato's Dialogues, in particular the *Meno*, the *Protagoras*, and parts of the *Republic*.

Section C:

A study of a major work from the formative period of modern philosophy. Descartes's *Discourse on Method* will be examined in detail, reference being made to such other philosophers as facilitate the understanding of Descartes' problems.

Text Books

- Hospers, J.: *Introduction to Philosophical Analysis* (Routledge and Kegan Paul).
Cornford, F. M.: *The Republic of Plato* (Oxford).
Field, G. C.: *The Philosophy of Plato* (Oxford, H.U.L.).
*Descartes, R. (ed. Haldane and Ross): *The Philosophical Works of Descartes*, 2 vols. (Dover).

OR

- *Descartes, R.: *Philosophical Writings*, trans. and ed. by E. Anscombe and P. T. Geach (Nelson, 1961).

Reference Books

- Crombie, I. M.: *An Examination of Plato's Doctrines* (Routledge and Kegan Paul).
Kitto, H. D. F.: *The Greeks* (Pelican).
Taylor, A. E.: *Plato, the Man and his Work* (Methuen).
Lee, H. D. P. (trans.): *The Republic of Plato* (Penguin).
Willey, B.: *The Seventeenth Century Background* (Chatto and Windus).
O'Connor, D. J.: *John Locke* (Pelican).
Gibson, J.: *Locke's Theory of Knowledge and its Historical Relations* (Cambridge).
Morris, C. R.: *Locke, Berkeley, Hume* (Oxford).
Smith, N. K.: *Studies in the Cartesian Philosophy* (Macmillan).
Ryle, Gilbert: *The Concept of Mind* (Hutchinson, 1949 and Penguin, 1963).
Copleston, F. C.: *Contemporary Philosophy* (Lond. Burns and Oates), 1956.
Copleston, F. C.: *Aquinas* (Pelican), 1955.
Copleston, F. C.: *A History of Philosophy*, Vol. II (Lond. Burns, Oates and Washburne), 1959.
Gilson, E.: *The Elements of Christian Philosophy* (Mentor-Omega Paperback), 1963.

* Alternatives.

52.112 PHILOSOPHY II (PASS)

Three hours of lectures weekly, together with tutorials as arranged. The course falls into three sections of approximately equal content. Sections A and B are common for all students. Under Section C the student selects one of two options.

Section A: The development of the British empiricist tradition; in particular, the work of the eighteenth-century philosophers, Berkeley and Hume, and the present-day work of A. J. Ayer.

Section B: A course in formal logic, building on the foundations laid in the first year course. Attention will be given to the bearings of formal logic on some traditional philosophical problems.

Section C, Option I: Greek philosophy. A study of the principal issues in the work of the Greek philosophers from Thales to Aristotle.

Section C, Option II: The nature of empirical knowledge. The criteria of truth of empirical statements, with special reference to Logical Positivism and the work of Karl Popper; counterfactual statements; the logic of statements describing scientific laws; the paradoxes of confirmation.

Text Books

Section A:

Berkeley, G.: *A New Theory of Vision, and other Writings* (Everyman).

Hume, D.: *A Treatise of Human Nature* (Everyman), 2 vols.

Ayer, A. J.: *Language, Truth and Logic* (Gollancz).

Ayer, A. J.: *The Problem of Knowledge* (Pelican).

Section C, Option II:

Scheffler, I.: *The Anatomy of Inquiry* (Knopf, N.Y.), 1963.

Reference Books

Section A:

Morris, C. R.: *Locke, Berkeley, Hume* (Oxford).

Warnock, G. J.: *Berkeley* (Pelican).

Passmore, J. A.: *Hume's Intentions* (Cambridge).

Basson, A. H.: *David Hume* (Pelican).

Section B:

Copi, I. M.: *Symbolic Logic* (Macmillan).

Quine, W. V.: *Mathematical Logic* (Harvard, also Harper Torchbook).

Quine, W. V.: *Methods of Logic* (Routledge and Kegan Paul).

Prior, A. N.: *Formal Logic*, 2nd ed. (Oxford).

Section C, Option I:

Burnet, J.: *Early Greek Philosophy*, 4th edn. (Black).

Burnet, J.: *Greek Philosophy, Thales to Plato* (Macmillan).

Kirk, G. S., and Raven J. E.: *The Presocratic Philosophers* (Cambridge).

Crombie, I. M.: *An Examination of Plato's Doctrines*, Vol. 2 (Routledge & Kegan Paul).

Cornford, F. M.: *Plato and Parmenides* (Routledge & Kegan Paul).

Cornford, F. M.: *Plato's Theory of Knowledge* (Routledge & Kegan Paul).

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

Ross, W. D.: *Aristotle's Metaphysics: The Text with Introduction and Notes* (Oxford).

Cherniss, H.: *Aristotle's Criticism of Plato and the Academy* (Johns Hopkins Press).

Cherniss, H.: *Aristotle's Criticism of Pre-Socratic Philosophy* (Johns Hopkins Press).

Section C, Option II:

Toulmin, S.: *The Philosophy of Science* (Hutchinson), 1953, and Grey Arrow Paperback.

Popper, K.: *The Logic of Scientific Discovery* (Hutchinson), 1959 and later.

von Wright, G. H.: *The Logical Problem of Induction* (Blackwell), 1957.

Kneale, W.: *Probability and Induction* (Oxford), 1959.

Feigl, H., and Sellars, W.: *Readings in Philosophical Analysis* (Appleton-Century-Crofts), 1949.

Feigl, H., and Brodbeck, H.: *Readings in The Philosophy of Science* (Appleton-Century-Crofts), 1953.

Goodman, N.: *Fact, Fiction and Forecast* (Athlone), 1954.

Popper, K.: *Conjectures and Refutations* (Routledge and Kegan Paul), 1963.

Strawson, P. F.: *Introduction to Logical Theory* (Methuen), 1952.

52.122 PHILOSOPHY II (DISTINCTION)

The course consists of the material set out for the course 52.112 Philosophy II (Pass), both options of Section C being taken. 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 (PASS)

Two of the following options are to be selected; students should consult the Head of the School of Philosophy in connection with their choice. Two hours per week will be devoted to each option.

Option I: Ethics. A survey of modern moral philosophy.

Option II: The modern Analytic movement in Britain and Vienna. A study of the "logical atomism" of Russell and Wittgenstein, the "logical positivism" of the Vienna Circle, and Wittgenstein's later work.

Option III: The philosophy of politics and of social theory. A study of (a) Natural Law theory, with special reference to Aquinas; (b) Social Contract theory, with special reference to Rousseau; (c) Conservatism, with special reference to Burke, Oakeshott, and Bosanquet.

Option IV: The foundations of mathematics. Some knowledge of and ability in mathematics are required for this course, which is concerned with the work of the principal philosophers of mathematics since Frege.

Option V: The philosophies of Leibniz and Spinoza.

Text Books

Option I:

Warnock, M.: *Ethics since 1900* (Oxford, H.U.L.).

Kaufman, W. (ed.): *Existentialism from Dostoevsky to Sartre* (Meridian).

Option II:

Wittgenstein, L.: *Tractatus Logico-Philosophicus*, new translation, Pears and McGuinness (Routledge and Kegan Paul).

Wittgenstein, L.: *Philosophical Investigations* (Blackwell).

Option III:

Aquinas, T.: *Treatise on Law (Summa Theologica, Questions 90-97)* (Gateway Edition, Henry Regnery), Chicago.

Rousseau, J. J.: *The Social Contract and Discourses* (Everyman).
 Burke, E.: *Reflections on the French Revolution and other Essays* (Everyman).
 Oakeshott, M.: *Rationalism in Politics and Other Essays* (Methuen), 1962.

Option IV:

Wilder, R. L.: *Introduction to the Foundations of Mathematics* (Wiley).

Quine, W. V.: *Mathematical Logic* (Harvard; also Harper Torchbook).

Option I:

Reference Books

Hare, R. M.: *The Language of Morals* (Oxford).

Flew, A. G. N. (ed.): *Logic and Language, 2nd series* (Blackwell).

Stevenson, C. L.: *Ethics and Language* (Yale).

Sellars and Hospers (eds.): *Readings in Ethical Theory* (Appleton).

Option II:

Russell, B.: *Logic and Knowledge*, (ed. Marsh) (Allen and Unwin).

Anscombe, G. E. M.: *An Introduction to Wittgenstein's Tractatus* (Hutchinson).

Urmson, J. O.: *Philosophical Analysis, its Development between the two world wars* (Oxford).

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

Warnock, G. J.: *English Philosophy since 1900* (Oxford, H.U.L.).

Pole, D.: *The Later Philosophy of Wittgenstein* (Athlone).

Option III:

Bonsaquet, B.: *Implication and Linear Inference* (Macmillan).

Option IV:

Whitehead, A. N. and Russell, B.: *Principia Mathematica*, To *56 (Cambridge Paperback).

Russell, B.: *Introduction to Mathematical Philosophy* (Allen and Unwin).

Fraenkel, A. A. and Bar-Hillel, Y.: *Foundations of Set Theory* (North-Holland).

Other references will be given in lectures.

52.123 PHILOSOPHY IIIA (DISTINCTION)

Two options from the list given under 52.113 Philosophy IIA (Pass) are to be taken, together with 60 hours of work on one of the following options:

Option I: The philosophy of Kant. The course will be devoted chiefly to a consideration of Kant's metaphysics and epistemology.

Option II: An introduction to the philosophy of science. The course will isolate some of the chief philosophical issues raised by accounts given, from time to time, of the methods of scientific inquiry.

Option III: Philosophical Psychology. A course concerned with the "Theory of Knowledge"; including some treatment of sensation and perception, and of our knowledge of our own and other minds.

Option I:

Text Books

Smith, N. K.: *Immanuel Kant's Critique of Pure Reason* (Macmillan).

Option II:

Campbell, N. R.: *What is Science?* (Dover).

Harre, R.: *An Introduction to the Logic of the Sciences* (Macmillan).

Option III:

None prescribed.

Option I

Reference Books

Bird, G.: *Kant's Theory of Knowledge* (Routledge and Kegan Paul).

Ewing, A. C.: *A short Commentary on Kant's Critique of Pure Reason* (Methuen).

Koerner, S.: *Kant* (Pelican).

Paton, H. J.: *Kant's Metaphysic of Experience* (Hutchinson).

Prichard, H. A.: *Kant's Theory of Knowledge* (Clarendon).
 Smith, N. K.: *A Commentary on Kant's Critique of Pure Reason* (Macmillan).
 Weldon, T. D.: *Introduction to Kant's Critique of Pure Reason* (Clarendon).

Option II

Blake, R. M., Ducasse, C. J., Madden, E. H.: *Theories of Scientific Method: The Renaissance Through the Nineteenth Century* (University Washington Press).
 Braithwaite, R. B.: *Scientific Explanation* (Cambridge).
 Brown, G. B.: *Science; its Method and its Philosophy* (Allen and Unwin).
 Burtt, E. A.: *The Metaphysical Foundations of Modern Physical Science* (Routledge and Kegan Paul).
 Campbell, N. R.: *Foundations of Science* (Dover).
 Feigl, H. and Brodbeck, M. (editors): *Readings in the Philosophy of Science* (Appleton-Century-Crofts).
 Campbell, N. R.: *What is Science?* (Dover) (Text.).
 Danto, A. and Morgenbesser, S. (editors): *Philosophy of Science*.
 Duhem, P. (trans. Wiener): *The Aim and Structure of Physical Theory* (Princeton University Press).
 Feigl, H. and Maxwell, C. (editors): *Current Issues in the Philosophy of Science* (Holt, Rinehart and Winston).
 Frank, P. G.: *Modern Science and Its Philosophy* (Harvard U.P.).
 Frank, P. G. (ed.): *The Validation of Scientific Theories* (Collier).
 Harre, R.: *An Introduction to the Logic of the Sciences* (Macmillan).
 McRae, R.: *The Problem of the Unity of the Sciences: Bacon to Kant* (Univ. Toronto Press).
 Madden, E. H.: *The Structure of Scientific Thought* (Houghton Mifflin).
 Nagel, E.: *The Structure of Science* (Routledge and Kegan Paul).
 Northrop, F. S. C.: *The Logic of the Sciences and the Humanities* (Meridian).
 Pap, A.: *Introduction to The Philosophy of Science* (The Free Press of Glencoe).
 Popper, K. R.: *The Logic of Scientific Discovery* (Hutchinson).
 Reichenbach, H. (ed. Maria Reichenbach): *Modern Philosophy of Science* (Routledge and Kegan Paul).
 Toulmin, S. E.: *The Philosophy of Science* (Hutchinson).
 Toulmin, S. E.: *Foresight and Understanding* (Hutchinson).
 Wiener, P. P. (ed.): *Readings in Philosophy of Science* (Scribner).
 Wiener, P. P. and Noland, A. (editors): *Roots of Scientific Thought* (Basic Books).
 Baumrin, B. (ed.): *Philosophy of Science, The Delaware Seminar, Vol I 1961-62 Interscience*.

Option III:

Armstrong, D. M.: *Bodily Sensations* (Routledge and Kegan Paul).
 Hamlyn, D. W.: *The Psychology of Perception* (Routledge and Kegan Paul).
 Austin, J. L.: *Sense and Sensibilia* (Oxford).
 Ayer, A. J.: *The Problem of Knowledge* (Pelican).
 Hirst, R. J.: *The Problems of Perception* (Allen and Unwin).
 Malcolm, N.: *Dreaming* (Routledge and Kegan Paul).
 Wisdom, J.: *Other Minds* (Blackwell).

52.133 PHILOSOPHY IIIB (DISTINCTION)

Students taking the Special (Honours) degree in Philosophy will take this subject in addition to 52.123 Philosophy IIIA (Distinction). The course consists of a further two of the options listed under 52.113 Philosophy IIIA, and a further one of the options listed under 52.123 Philosophy IIIA (Distinction).

The text and reference books for this subject are the same as those listed under the several options of 52.113 and 52.123.

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, and in addition will be required to take two seminar courses. In 1964, the following courses are offered:

1. *The logic of discourse.*

Topics include:

- (a) Modern analyses of the traditional concepts of "meaning", "proposition", "analytic" (Wisdom, Austin, Quine, Ryle, Black);
- (b) The traditional concept of "Fallacy";
- (c) Paradoxes of discourse; the generalised "liar" paradox and variants involving "meaning" and other logical concepts, and ethical concepts; the "faith-reason" paradox;
- (d) Attempts to formalise these problems;
- (e) Philosophical perplexity (Wittgenstein, Wisdom);
- (f) Explanation; "If, so and because"; counterfactuals (Ryle, Goodman, Austin, Toulmin).

2. *Absolute Idealism.*

Study of the works of F. H. Bradley (excluding ethical writings). References to Hegel and other Idealists will be subsidiary to the understanding of Bradley himself. The two main themes will be concrete universality and internal relations, leading to extensive consideration of Bradley's concept of "inference" and The Absolute.

3. *Topics in the Philosophy of Mind.*

A course concerned with what is traditionally known as the "Body-Mind Problem", taking the form of a detailed examination of such notions as: The Will, Emotion, Sensation and Perception, Imagination and Thought. Particular attention will be given to contemporary work.

4. *Theories of Truth.*

- (a) Discussion of three classical theories of truth: Pragmatism, correspondence theory, coherence theory;
- (b) Discussion of some contemporary theories, viz. those of Ayer, Quine, Tarski, Strawson;
- (c) Consideration of questions associated with theories of truth:
 - (i) status of "propositions" in "statements";
 - (ii) relation between "true" and "meaningful";
 - (iii) kinds of truth — logical, empirical, religious, metaphysical;
 - (iv) "true" and "The Truth".

Reading lists will be prepared in the School for each student taking this course.

MATHEMATICS AND STATISTICS

Students majoring in Pure Mathematics or Theory of Statistics may select an appropriate sequence of subjects in accordance with the following table.

Course Stage	Pure Mathematics Major	Theory of Statistics Major
Course I	10.001 Mathematics I	10.001 Mathematics 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 (Distinction)	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 IIIA (Distinction)	10.122 Pure Mathematics III (Higher)	10.322 Theory of Statistics II (Higher)
Course IIIB (Pass)	10.212 Applied Mathematics III <i>or</i> 10.312 Theory of Statistics II	10.112 Pure Mathematics III
Course IIIB (Distinction)	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, for students entering the Faculties of Arts, Science, Applied Science, Engineering or Medicine.

Four one-hour lectures and two tutorial hours per week for three terms.

Calculus and analysis. Co-ordinate geometry. Algebra and theory of equations. Dynamics.

Text Books

Archbold, J. W.: *Algebra* (Isaac Pitman and Sons Ltd.).

Thomas, G. B.: *Calculus and Analytical Geometry* (Addison-Wesley) (Both parts in one volume).

Reference Books

Adler, I.: *The New Mathematics* (Mentor Press).

Allendoerfer and Oakley: *Principles of Mathematics*, 2nd ed. (McGraw-Hill).

Robbins and Courant: *What is Mathematics* (Oxford University Press).

Rose, I. H.: *Algebra: An Introduction to Finite Mathematics* (John Wiley).

Sawyer: *A Concrete Approach to Abstract Algebra* (Freeman).

Keane, A. and Senior, S. A.: *Complementary Mathematics* (Science Press).

10.111 PURE MATHEMATICS II

Three one-hour lectures and two tutorial hours per week for three terms.

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

Text Books

Kaplan, W.: *Advanced Calculus* (Addison Wesley).

Keane, A. and Senior, S. A.: *Mathematical Methods* (Science Press).

Amir-Moez, A. L. and Fass, A. R.: *Elements of Linear Spaces* (Pergamon Press).

Reference Books

Birkhoff, C. and MacLane, S.: *A Survey of Modern Algebra* (Macmillan).

Burkill, J. C.: *Theory of Ordinary Differential Equations* (Oliver and Boyd).

Halmos, P. R.: *Finite Dimensional Vector Spaces* (Van Nostrand).

Pierce, B. O.: *A Short Table of Integrals* (Dover).

10.121 PURE MATHEMATICS II (HIGHER)

Five one-hour lectures and one tutorial hour per week.

Vector algebra. Real variable theory. Topology. Algebra. Differential equations. Geometry. Calculus and techniques of calculus. Complex variable theory.

Text Books

Fulks, W.: *Advanced Calculus* (Wiley).

Kuiper, N. H.: *Linear Algebra and Geometry* (North Holland).

Reference Books

Artin, E.: *Geometric Algebra* (Interscience).

Birkhoff, C. and MacLane, S.: *A Survey of Modern Algebra* (Macmillan).

Burkill, J. C.: *Theory of Ordinary Differential Equations* (Oliver and Boyd).

Bourbaki, N.: *Elements de Mathematique* (Hermann).
 Hall, D. W. and Spencer, G. L.: *Elementary Topology* (Wiley).
 Jacobson, W.: *Lectures in Abstract Algebra* (Vol. I, II) (Van Nostrand).
 Nickerson, H. K., Steenrod, N. E. & Spender, G. L.: *Advanced Calculus* (Van Nostrand).
 Van der Waerden, B. L.: *Modern Algebra* (Ungar).
 Kaplan, W.: *Advanced Calculus* (Addison Wesley).

10.112 PURE MATHEMATICS III

A course of 120 hours of lectures and 30 hours of tutorials.

Algebra. Differential geometry. Foundations of mathematics. Complex variables, Laplace transform theory. Special functions. Orthogonal functions.

Text Books

Halmos, P. R.: *Finite Dimensional Vector Spaces* (Van Nostrand) OR
 Amir-Moez, A. L. and Fass, A. R.: *Elements of Linear Spaces* (Pergamon Press).
 Sneddon, I. N.: *Special Functions of Mathematical Physics and Chemistry* (Oliver and Boyd).
 Willmore, J. J.: *An Introduction to Differential Geometry* (Oxford University Press).
 Churchill, R. Y.: *Fourier Series and Boundary Value Problems* (McGraw-Hill).
 Young, J. W. A. (ed.): *Monographs on Topics of Modern Mathematics* (Dover).

Reference Books

Birkhoff, C. and MacLane, S.: *A Survey of Modern Algebra* (Macmillan).
 Copson, E. T.: *Theory of Functions of a Complex Variable* (Oxford Uni. Press).
 Churchill, R. Y.: *Modern Operational Mathematics in Engineering*, (McGraw-Hill).
 Carslaw, H. S. and Jaeger, J.: *Operational Methods in Applied Mathematics* (Dover).
 Jacobson, N.: *Lectures in Abstract Algebra* (Vol. I, II) (Van Nostrand).
 Klein, F.: *Famous Problems in Elementary Geometry* (Dover).
 Knopp, K.: *Theory of Functions, Vol. I and Problem Book, Vol. I* (Dover).
 Sneddon, I. N.: *Elements of Partial Differential Equations* (McGraw-Hill).
 Van der Waerden, B. L.: *Modern Algebra* (Ungar).

10.122 PURE MATHEMATICS III (HIGHER)

A course of 180 hours of lectures and 30 hours of tutorials.

Algebra, differential and algebraic geometry, foundations of mathematics. Advanced complex variable theory, Laplace transform theory. Differential equations in the complex domain and special functions. Real variable theory. Lebesgue integration theory and measure. Orthogonal functions. Topology, general and algebraic. Partial differential equations.

Text Books

Hall, M.: *The Theory of Groups* (Macmillan).
 Halmos, P. R.: *Measure Theory* (Van Nostrand).
 Walker, R. T.: *Algebraic Curves* (Dover).
 Willmore, J. J.: *An Introduction to Differential Geometry* (Oxford).
 Sneddon, I. N.: *Elements of Partial Differential Equations* (McGraw-Hill).

Reference Books

Birkhoff, C. and MacLane, S.: *A Brief Survey of Modern Algebra* (Macmillan).
 Bourbaki, N.: *Elements de Mathematique* (Hermann).
 Carmichael, R. D.: *Theory of Groups of Finite Order* (Dover).
 Copson, E. T.: *Theory of Functions of a Complex Variable* (Oxford).

- Chevalley, C.: *Fundamental Concepts of Algebra* (Academic Press).
Hodge, W. V. D. and Pedoe, D.: *Methods of Algebraic Geometry* (Vol. I, II, III) (Cambridge).
Hilton, P. J. and Wylie, S.: *Homology Theory and Introduction to Algebraic Topology* (Cambridge).
Ince, E. L.: *Ordinary Differential Equations* (Dover).
Klein, F.: *Famous Problems in Elementary Geometry* (Dover).
Kelley, J. L.: *General Topology* (Van Nostrand).
Munroe, M. E.: *Introduction to Measure and Integration* (Addison Wesley).
Young, J. W. A. (ed.): *Monographs on Topics of Modern Mathematics* (Dover).
Northcott, D. C.: *Ideal Theory* (Cambridge Math. Tracts.)
Titchmarsh, E. C.: *Theory of Functions* (Oxford Uni. Press).
Van der Waerden, B. L.: *Modern Algebra* (Ungar).
Bateman, H.: *Partial Differential Equations* (Cambridge University Press).
Courant, R. and Hilbert, D.: *Methods of Mathematical Physics* (Interscience).
Webster, A. C.: *Partial Differential Equations in Mathematical Physics* (Dover).
Semple, J. G. and Kneebone, G. T.: *Algebraic Curves* (Clarendon, Oxford).

10.123 PURE MATHEMATICS IV

A course of 8 lectures per week with supplementary reading, thesis and essay work for students reading for honours in Pure Mathematics, on topics selected from the following—analysis, functional analysis, integral transforms, number theory, differential and algebraic geometry, topology general and combinatorial, algebra, differential equations, group representation theory and stochastic processes.

10.211 APPLIED MATHEMATICS II

Three one-hour lectures and four tutorial and practice hours per week.

Various mathematical methods of use in applied mathematics. Boundary value problems. Special functions.

Approximation by polynomials. Interpolation. Numerical quadrature. Solution of ordinary differential equations by numerical methods.

Dynamics of a particle and of a rigid body.

Vector analysis, including Gauss', Green's and Stoke's theorems.

Computational techniques (both for desk and high speed computers).

Text Books

- Fowles, G. R.: *Analytical Mechanics* (Holt, Rinehart and Winston; New York).
Sagan, H.: *Boundary and Eigenvalue Problems in Mathematical Physics* (John Wiley and Sons).
Halmos, P. R.: *Finite Dimensional Vector Spaces* (Van Nostrand).
Hartree, D. R.: *Numerical Analysis* (Clarendon Press, Oxford).

10.221 APPLIED MATHEMATICS II (HIGHER)

Four one-hour lectures and three tutorial and practice hours per week.

As for Applied Mathematics II but treated in greater depth and including Maxwell's equations and electro-magnetic waves.

Text Books

- Goldstein, H.: *Classical Mechanics* (Addison-Wesley).
Sagan, H.: *Boundary and Eigenvalue Problems in Mathematical Physics* (John Wiley and Sons).
Halmos, P. R.: *Finite Dimensional Vector Spaces* (Van Nostrand).
Hartree, D. R.: *Numerical Analysis* (Clarendon Press, Oxford).
Abraham, M. and Becker, R.: *Classical Theory of Electricity and Magnetism* (Blackie).

10.212 APPLIED MATHEMATICS III

A course of 90 hours of lectures and 120 hours of tutorials.

Further work on mathematical methods, numerical analysis and computational methods.

The mechanics of continuous media. The Schrodinger equation. Statistics and stochastic processes. Diffusion equations. Maxwell's equations and electro-magnetic waves.

Text Books

- Rutherford, D. E.: *Fluid Dynamics* (Oliver and Boyd).
Faddeeva, V. N.: *Computational Methods of Linear Algebra* (Dover).
Schiff, L. I.: *Quantum Mechanics* (McGraw-Hill).
Abraham, M. and Becker, R.: *The Classical Theory of Electricity and Magnetism* (Blackie).
Whittaker, E. T. and Watson, G. N.: *A Course of Modern Analysis* (Cambridge University Press, paperback).

Reference Books

- Sagan, H.: *Boundary and Eigenvalue Problems in Mathematical Physics* (John Wiley and Sons).
Feller, W.: *An Introduction to Mathematical Probability and its Applications* (John Wiley and Sons).
Panofsky, W. K. H. and Phillips, M.: *Classical Electricity and Magnetism* (Addison Wesley).
Sokolnikoff, I. S.: *The Mathematical Theory of Elasticity* (McGraw-Hill).
Courant, R. and Hibbert, D.: *Methods of Mathematical Physics* (Vol. I) (Interscience).
Landau, L. D. and Lifshitz, E. M.: *Theory of Elasticity* (Pergamon Press).
Landau, L. D. and Lifshitz, E. M.: *Quantum Mechanics* (Pergamon Press).
Messiah, A.: *Quantum Mechanics* (Vols. I, II) (North Holland).
Wax, N.: *Selected Papers on Noise and Stochastic Processes* (Dover).
Landau, L. D. and Lifshitz, E. M.: *Fluid Mechanics* (Pergamon Press).

10.222 APPLIED MATHEMATICS III (HIGHER)

A course of 150 hours of lectures and 90 hours of tutorials.

As for Applied Mathematics III but including special theory of relativity and statistical mechanics.

Text Books

As for 10.212 above, but in addition

- Landau, L. D. and Lifshitz, E. M.: *Statistical Physics* (Pergamon Press).
Bergmann, P. G.: *Introduction to the Theory of Relativity* (Prentice Hall).

Reference Books

As for 10.212 above, but in addition

- Möller, C.: *Theory of Relativity* (Clarendon Press, Oxford).
Landau, L. D. and Lifshitz, E. M.: *Classical Theory of Fields* (Addison Wesley).

STATISTICS

Students majoring in Theory of Statistics select Mathematics and Statistics courses in accordance with the table set out on page 87.

10.311 THEORY OF STATISTICS I

Four one-hour lectures and three tutorial and practice hours per week.

Probability (elementary set algebra).

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

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* (Macmillan).

Kendall, M. G. and Stuart, A.: *The Advanced Theory of Statistics* (Vols. I and II) (Griffin).

Statistical Tables (New South Wales University Press).

Reference Books

Anderson, R. L. and Bancroft, T. A.: *Statistical Theory in Research* (McGraw-Hill).

Dixon, W. J. and Massey, F. J.: *Introduction to Statistical Analysis* (McGraw-Hill).

Goldberg, S.: *Probability: An Introduction* (Prentice-Hall).

Mood, A. M. and Graybill, F. A.: *Introduction to the Theory of Statistics* (McGraw-Hill).

Parzenk, M.: *Modern Probability Theory and its Application* (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

A course of 120 hours of lectures and 120 hours of practice classes.

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 (in particular, UTECOM). 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. C. and Cox, G. M.: *Experimental Design* (Wiley).

Feller, W.: *An Introduction to Mathematical Probability and its Applications* (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).

Cochran, W. G.: *Sampling Techniques* (Wiley).

Gass, S. R.: *Linear Programming—Methods and Applications* (McGraw-Hill).

Kempthorne, 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)

A course of 150 hours of lectures and 120 hours of practice classes.

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

This course consists of 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. Stochastic processes. Theories of inference. Sequential analysis. Non-parametric methods. Biological statistics. Multivariate analysis. Mathematical programming. Information theory. Discrete distributions. Project.

Text Books

As for 10.322.

Reference Books

- Anderson, T. W.: *An Introduction to Multivariate Statistical Analysis* (Wiley).
Bartlett, M. S.: *Stochastic Processes* (Camb.)
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).
Fraser, D. A. S.: *Non-Parametric Methods* (Wiley).
Girshick, M. A. and Blackwell, D.: *Theory of Games and Statistical Decisions* (Wiley).
Gumbel, E. J.: *Statistics of Extremes* (Columbia University Press).
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. C.: *A Course in Multivariate Analysis* (Griffin).
Kullback, S.: *Information and Statistics* (Wiley).
Lehmann, E. L.: *Tests of Hypotheses* (Wiley).
Rao, C. R.: *Advanced Statistical Methods in Biometric Research* (Wiley).
Savage, L. J.: *Foundations of Statistics* (Wiley).
Wald, A.: *Sequential Analysis* (Wiley).

SCIENTIFIC THOUGHT

52.151 SCIENTIFIC THOUGHT I

Three hours weekly, throughout the year, of lectures and demonstrations, with tutorials and excursions. An account of the development of astronomy from its beginnings in Babylonia and Greece up to the early 18th century.

The historical material will be prefaced by some treatment of the observational material around which the early speculations were woven, and will be presented along with a brief account of the philosophical developments (especially in Greece) that influenced the shaping of scientific astronomy. There will be some account also, in the later parts of the course, of the philosophical and cultural aspects of the Copernican revolution, and of its bearings on modern physical science generally.

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).

Reference Books

- Baker, R. H.: *Introduction to Astronomy* (Van Nostrand).
Bell, A. E.: *Newtonian Science* (Arnold).
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).
Fath, E. A.: *Elements of Astronomy* (McGraw-Hill).
Galilei, G. (trans. Drake): *Dialogue Concerning the Two Chief World Systems* (Univ. California).
Hogben, L.: *Science for the Citizen* (Allen and Unwin).
Hoyle, F.: *Astronomy* (Doubleday) (Strongly recommended).
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).

- Koyre, A.: *From the Closed World to the Infinite Universe* (Johns Hopkins Univ., also Harper).
- Mehlin, T. G.: *Astronomy* (John Wiley & Sons Inc.)
- 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 and Unwin).
- Rogers, E. M.: *Physics for the Enquiring Mind* (Oxford). Strongly recommended.
- Rosen, E.: *Three Copernican Treatises* (Dover).
- Rudaux, L. and de Vancouleurs, 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 on 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 1965* (H.M.S.O.).
- The Nautical Almanac for the Year 1965* (H.M.S.O.).

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.: *History of Science* (Oxford).
- Singer, C.: *A Short History of Science* (Oxford).

52.152 SCIENTIFIC THOUGHT II

Three hours weekly throughout the year, with tutorials as arranged. The work of the first half of the year is devoted to Chemistry and that of the second half of the year to Geology.

Section A

The Origins of Chemistry. The course begins with a discussion of the three main strands which eventually were to unite in the science of chemistry: the empirical chemical knowledge contained in the pre-scientific technology of antiquity, the laboratory apparatus and techniques of the Alexandrian alchemists, and the ontological theories of the Greek philosophers. The development and gradual fusion of these strands is followed through the Middle Ages and the 16th century to the emergence of chemistry in the 17th. The course concludes with an account of the chemical achievements of the 18th century which culminated in the founding of modern chemistry by Lavoisier in the 1780s.

A training in chemistry is not a necessary pre-requisite.

Section B

The Origins of Geology. The course begins with a brief consideration of the main ideas about the earth and about minerals in antiquity and in medieval times, but is mainly devoted to the modern period, beginning in about the middle of the eighteenth century and ending at about the middle of the nineteenth century, when geology first emerged as a coherent and independent science. Particular attention will be paid to the impact of geology on social and religious opinion and its relation to the Darwinian revolution in biology.

Text Books

Section A

Conant, J. B.: *On Understanding Science* (Mentor).

Forbes, R. J. and Dijksterhuis, E. J.: *A History of Science and Technology* (Penguin).

Section B

Adams, F. D.: *The Birth and Development of the Geological Sciences* (Dover).

Gillispie, C. C.: *Genesis and Geology*. (Harper Torch books).

Irvine, W.: *Apes, Angels and Victorians* (Meridian Books).

Pearl R. M.: *Geology: An Introduction to the Principles of Physical Geology* (Barnes and Noble).

Reference Books

Section A

Leicester, H. M.: *The Historical Background of Chemistry* (Wiley).

Hall, A. R.: *The Scientific Revolution*, 2nd ed. (Longmans).

Toulmin, S. E. and Goodfield, J.: *The Architecture of Matter* (Hutchinson).

Stillman, J. M.: *The Story of Alchemy and Early Chemistry* (Dover).

Boas, M.: *Robert Boyle and 17th Century Chemistry* (Cambridge).

Leicester, H. M. and Klickstein, S.: *Source Book of Chemistry* (McGraw-Hill).

Conant, J. B.: *Harvard Case Histories in Experimental Science*, 2 vols. (Harvard U.P.).

Section B

Greene, J. C.: *The Death of Adam* (Iowa State U.P.).

Mather, K. F. and Mason, S. L.: *A Source Book in Geology* (Harvard).

Oakley, K. P. and Muir-Wood, H.M.: *The Succession of Life through Geological time* (British Museum).

Read, H. H.: *Geology, An Introduction to Earth History* (O.U.P., H.U.L.).

Simpson, G. L.: *Life of the Past* (Yale Paperback).

Zumberge, J. H.: *Elements of Geology* (Wiley).

52.153 SCIENTIFIC THOUGHT III

Each member of the class will take two of the following options; each option occupies 3 hours weekly over 15 weeks. Some of the options will be available only in the first half of the year; some will be available only in the second half of the year. Each student's choice of two options must be approved by the Head of the School of Philosophy. The School of Philosophy reserves the right to withdraw any option selected by an insufficient number of students.

Option I

Egyptian and Babylonian mathematics, with special attention to the methodology and techniques both of the ancient mathematicians and of modern students of their work. The course is based largely on original source material.

Option II

The establishing of modern chemistry. The course is a development of the course on the origins of modern chemistry that form part of 52.152 Scientific Thought II. It deals with the growth of chemical thought in the period 1800-1860, with special emphasis on:

- (a) the continuing influence of the pre-Socratic philosophers;
- (b) the positivist reaction against "metaphysics";
- (c) the rapid accumulation of experimental results;
- (d) the successes of inductive logic in this field.

Extensive use is made of the original writings of nineteenth-century chemists.

No previous training in chemistry, beyond that provided by the course referred to above, is required.

Option III

Cosmology. An outline of the history and methods of cosmology, from the earliest scientific cosmologies to those of the present day. Special attention is given to the role of models in cosmological inquiries and to the nature and desiderata of explanations in this field. Olbers' Paradox is closely considered; the bearings of the Principles of Relativity are noted; the course concludes with an account of the evolutionary and steady state theories.

Option IV

Defining Vitality. A study of a special physiological problem — the problem of how animal bodies are maintained at a temperature higher than the usual environmental temperature — with a view to illustrating the procedures and thought-processes of biologists. The course will include some experimental observations.

Option V

Some aspects of 19th-century physical science. A synoptic view of some 19th century developments in physical science considered especially as extensions of the Newtonian system. Emphasis will be placed on those developments which raise general methodological or philosophical issues.

The special topics taken up will include —

- (a) The Newtonian heritage.
- (b) Geology and Newtonianism.
- (c) The luminiferous ether.
- (d) The special theory of relativity.
- (e) Mach's critique of Newton's dynamics.
- (f) Nineteenth-century views of the relations between science and philosophy, religion, and common sense.

Option VI

Islamic science and technology. An account of the role of Islam in maintaining and transmitting and extending the science of the ancient world, and of technological developments in the period of Islam's cultural domination.

Option VII

The history of Greek mathematics and mathematical science from Thales to Pappus.

Option VIII

An outline of the history of the philosophy of science. An account of influential views of the style and intent and ambitions and limitations of scientific enquiry, with particular attention to the competing claims of rationalism and empiricism in the philosophy of science. The course will be based largely on original source material.

Preliminary Reading

Option I

Edwards, I. E. S.: *The Pyramids of Egypt* (Pelican).
Woolley, Sir Leonard: *Digging up the Past* (Pelican).
Woolley, Sir Leonard: *Ur of the Chaldees* (Pelican).

Text Books

Option I

Neugebauer, O.: *The Exact Sciences in Antiquity* (Harper Torchbook).
Sanford, Vera: *A Short History of Mathematics* (Harrap).
Milliken, E. K.: *The Cradles of Western Civilisation* (Harrap).
Chiera, E.: *They Wrote on Clay* (Chicago U.P.).

Option II

No books are prescribed as texts.

Option III

No books are prescribed as texts.

Reference Books

Option I

- Chase, A. B.: *Rhind Mathematical Papyrus* (Brown University Press).
van der Waerden, B. L.: *Science Awakening* (Noordhoff).
Neugebauer, O. and Sachs, A. J.: *Mathematical Cuneiform Texts* (American Oriental Society).
Neugebauer, O. and Parker, M.: *Egyptian Astronomical Texts*, 3 vols. (Lund Humphries).
Beek, J. (trans. Welch): *Atlas of Mesopotamia* (Nelson).
Archibald, R. C.: *An Outline of the History of Mathematics* (American Mathematical Monthly).
Dantzig, T.: *The Bequest of the Greeks* (Scribner).

Option II

- Leicester, H. M.: *The Historical Background of Chemistry* (Wiley).
Moore, F. H.: *A History of Chemistry*, 3rd edition (McGraw-Hill).
Partington, J. R.: *A Short History of Chemistry*, 3rd ed. (Macmillan).
Crosland, M. P.: *Historical Studies in the Language of Chemistry* (Heinemann).

Option III

- McVittie, G. E.: *Fact and Theory in Cosmology* (Eyre and Spottiswood).
Munitz, M. K.: *Theories of the Universe* (Free Press of Glencoe).
Hoyle, F.: *Frontiers of Astronomy* (Mercury).
Whitrow, J. G.: *The Structure and Development of the Universe* (Macmillan).
Hubble, E.: *The Realm of the Nebulae* (Dover).
Whitrow, J. G.: *The Natural Philosophy of Time* (Nelson).

Other Options:

Texts and references will be given in class.

PHYSICS

1.001 PHYSICS I

Mechanics—Particle kinematics. Vectors. Particle dynamics. Conservation of momentum and energy. Statics of rigid bodies. Hydrostatics. Rotational motion about a fixed axis. Simple harmonic motion.

Wave motion, Sound and Light—Progressive waves. Velocity in various media. Interference, diffraction, Doppler effect. Stationary waves, resonance, beats. Electromagnetic spectrum. Reflection, refraction. Spherical mirrors, lenses. Optical instruments. Dispersion. Spectra. Polarisation.

Heat—Temperature. Thermal expansion. Specific heat. Gas laws. Heat transfer. First law of thermodynamics. Elementary kinetic theory of gases. Hygrometry.

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

Properties of Matter—Elasticity. Elastic moduli. Fluid mechanics. Viscosity. Surface tension. Gravitation.

Text Books

Resnick and Halliday: *Physics for Students of Science and Engineering*, Vols. I and II or combined volume. (Particularly recommended for students with a good background in Physics and Mathematics); OR

Ference, Lemon and Stephenson: *Analytical Experimental Physics*.

Students should also provide themselves with the tutorial aid:

Curnow: *Complementary Physics* (New South Wales University Press).

Reference Books

Richards, Sears, Wehr and Zemansky: *Modern University Physics*.

Stephenson: *Mechanics and Properties of Matter*.

Loney: *Dynamics*.

Starling and Woodall: *Physics*.

Syngé and Griffith: *Principles of Mechanics*, 3rd ed.

1.112 PHYSICS II

The lecture course will comprise 4 lectures per week on: Mechanics, Physical Optics, Thermodynamics, Kinetic Theory of Gases, Electricity and Magnetism, and Quantum Physics.

The laboratory course will be 3 hours per week.

Text Books

1. Winch: *Electricity and Magnetism*.
2. Jenkins and White: *Fundamentals of Optics*.
3. Semat: *Introduction to Atomic and Nuclear Physics*
or
Littlefield and Thorley: *Atomic and Nuclear Physics*.
4. Einstein: *Relativity* (Bonanza Paperback ed.)
or
Wehr and Richards: *Physics of the Atom*.
5. Zemansky: *Heat and Thermodynamics*.
or
Sears: *Thermodynamics*.

CHEMISTRY

2.001 CHEMISTRY I

A course of lectures, tutorials and practical work totalling six hours per week on the following topics:—

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.

Text Books

Sienko and Plane: *Chemistry* (McGraw-Hill), 1961.
Glasstone and Lewis: *Elements of Physical Chemistry* (Macmillan), 1962.
Grundon and Henbest: *Organic Chemistry, an Introduction* (Oldbourne), 1962.

Reference Books

(for preliminary or supplementary reading)

C.B.A. Project: *Chemical Systems* (McGraw-Hill), 1964.
Barrow, Kenney, Lassila, Little and Thompson: *Programmed Supplements for General Chemistry, Vols. I and II* (Benjamin), 1963.
Behr, Fuson and Snyder: *Brief Course in Organic Chemistry* (Wiley), 1959.
Andrews and Kokes: *Fundamental Chemistry* (Wiley), 1963.
Barrow: *Physical Chemistry* (McGraw-Hill), 1961.
Vogel: *A Textbook of Quantitative Inorganic Analysis* (Longmans), 1961.
Morrison and Boyd: *Organic Chemistry* (Allyn and Bacon) 1959.
Vogel: *A Textbook of Macro and Semimicro Qualitative Inorganic Analysis* (Longmans), 1955.

2.002 CHEMISTRY II

In 1965 the analytical and physical chemistry sections will hold a series of co-ordinated lectures.

Students wishing to do 2.002 Chemistry II are advised to include Mathematics I in their curriculum.

A course consisting of lectures and practical work totalling nine hours per week. The subject matter is divided into four sections, as follows:—

1. A course of 45 lectures together with practical work in organic chemistry, comprising aliphatic chemistry, aromatic chemistry, and an introduction to the chemistry of high polymers.

Text Books

Noller, C. R.: *Chemistry of Organic Compounds*; OR
Morrison, R. T. and Boyd, R. N.: *Organic Chemistry*; OR
Finar, I. L.: *Organic Chemistry* (Vol. I).

AND

Vogel, I. A.: *Elementary Practical Organic Chemistry. Part II — Qualitative Organic Analysis*; OR
Wild, F.: *Characterisation of Organic Compounds*; OR
Oppenshaw, H. T.: *Laboratory Manual of Qualitative Organic Analysis*.

Reference Books

- Geissman, T. A.: *Principles of Organic Chemistry*.
Barnett, E. de B.: *Mechanism of Organic Chemical Reactions*.
Horwood Tucker, S.: *An Electronic Outline of Organic Chemistry*.

2. A course of 45 lectures together with practical work in physical chemistry, covering the following topics:—
- (a) The physical chemistry of ideal and real gases.
 - (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.

Text Books

- Barrow, G. M.: *Physical Chemistry* (McGraw-Hill).
Findlay, A.: *Practical Physical Chemistry* (Longmans).

Reference Book

- Glasstone, S.: *Textbook of Physical Chemistry* (Van Nostrand).

3. A course of 20 lectures together with practical work in inorganic chemistry dealing with co-ordination chemistry and an extension of the work covered in Chemistry I to further selected groups of elements.

Text Books

- Vogel, A.: *Text Book of Qualitative Analysis*.
Graddon, D. P.: *An Introduction to Co-ordination Chemistry*.

Reference Books

- Bailar, J.: *Chemistry of the Co-ordination Compounds*.
Pauling, L.: *Nature of the Chemical Bond*.
Emeleus and Anderson: *Modern Aspects of Inorganic Chemistry*.
Sidgwick, N. V.: *Chemical Elements and their Compounds* (Vols. I and II).
Remy, H.: *Treatise on Inorganic Chemistry* (Vols. I and II).
Grinberg (Trans. I. R. Leech): *Introduction to the Chemistry of Complex Compounds* (Pergamon Press).

4. A course of 20 lectures together with practical work in analytical chemistry covering the following topics:—
- (a) Acid-base titrations.
 - (b) Volumetric methods involving electron-transfer reactions.
 - (c) Precipitation and gravimetric analysis.
 - (d) Titrations involving precipitate and complex ion formation.

Text Books

- Vogel, A. I.: *A Text Book of Quantitative Inorganic Analysis*; OR
Kolthoff, I. M. and Sandell, E. B.: *A Text Book of Quantitative Inorganic Analysis*; OR
Willard, H. H., Furman, N. H., and Bricker, C. E.: *Elements of Quantitative Analysis*.

Reference Book

- Walton, H. F.: *Principles and Methods of Chemical Analysis*.

BIOLOGICAL SCIENCES

17.001 GENERAL BIOLOGY

Two lectures, one three-hour practical class and one tutorial per week. Two obligatory field excursions are held during the year.

General biological principles. Properties of living matter. Cell structure. Comparison of plants and animals. Basic classification of plant and animal kingdoms. The elements of plant and animal histology. Anatomy and life histories of selected types of animals and plants. Autotrophic and heterotrophic nutrition. Aspects of elementary plant and animal physiology. An introduction to genetics, evolution, cytology and ecology.

Text Books

Simpson, Attendrich, Tiffany: *Life. An Introduction to Biology*.
Abercrombie, Hickman and Johnson: *A Dictionary of Biology*.
Stephenson and Mercer: *General Biology Laboratory Manual*, 1964 or later edition only.

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 the laboratory dealing with the nature, measurement and inter-relationships 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

- (a) Esau: *Anatomy of Seed Plants*; OR
Eames and McDaniels: *Introduction to Plant Anatomy*.
- (b) Bonner and Galston: *Principles of Plant Physiology*.
- (c) Oosting: *The Study of Plant Communities*.
Srb and Owen.: *General Genetics*.
- (d) Beadle, Evans and Carolin: *A Handbook of the Vascular Plants of the Sydney District and Blue Mountains*.

17.401 ZOOLOGY I

A comparative study of the major invertebrate phyla. Ecology. Animal behaviour. Systematics. Quantitative Zoology.

Practical work to illustrate the lecture course.

Obligatory field excursions.

Text Books

Borradaile, Eastham, Potts and Saunders: *The Invertebrata* (Revised by Kerkut)
4th ed., 1961.
Andrewartha: *Introduction to the Study of Animal Populations*, 1961.
Simpson, Roe and Lewontin: *Quantitative Zoology*, 1960.
Thorpe: *Learning and Instinct in Animals*, 1963.

GEOLOGY

25.511 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.

The course extends over three terms with 2 lectures and 4 hours laboratory per week.

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 eperogenesis. 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 excursions, attendance at which is compulsory.

Preliminary Background Reading

Read, H. H.: *Geology* (Home University Library).

Text Books

Read, H. H. and Watson, J.: *Introduction to Geology* (Macmillan & Co., London), 1962.

OR*

Holmes, A.: *Principles of Physical Geology*. (Thos. Nelson & Sons, London).

Read, H. H.: *Rutley's Elements of Mineralogy* (Murby, London).

*The latter two books are recommended for Arts Students.

McElroy, C. T.: *Explanatory Notes to accompany the Sydney 4-mile Geological Map (with map)*. (Bureau Mineral Resources, Canberra.)

Reference Books

Ford, E.: *Dana's Textbook of Mineralogy*. (John Wiley).

Dunbar, C. O.: *Historical Geology*. (John Wiley).

Holmes, A.: *Principles of Physical Geology*.

Read, H. H.: *Rutley's Elements of Geology*.

Longwell, C. R. and Flint, R. F.: *Introduction to Physical Geology* (John Wiley).

Morley Davies, A.: *An Introduction to Palaeontology*.

25.562 GEOLOGY II

Students who have successfully completed Geology I may proceed to Geology II for Arts Students (25.562) which consists of:

- (a) *Palaeontology*—as given in 25.512 Geology II, 1 lecture and 1 hour laboratory per week (3 terms).
- (b) *Stratigraphy*—as given in 25.512 Geology II, 1 lecture per week (3 terms).
- (c) *Geomorphology and Photogeology*.
- (d) *Hand specimen Mineralogy and Petrology*.

(c) and (d) each have two hours' lecture/laboratory per week for approximately two terms.

Palaeontology

Systematic classification of the Invertebrate phyla with detailed morphological study of their important divisions. Introduction to the principles of palaeontology and its stratigraphic applications. Introduction to palaeobotany and vertebrate palaeontology.

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. A general account of the stratigraphy of Australia, and a more specific and detailed study of the geology of New South Wales.

Practical work: Field work to illustrate the above 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. Mapping exercises in the laboratory and the field.

Geomorphology and Photogeology

The principles of geomorphology and landscape development. The geomorphology of New South Wales. Principles of photogeology and of photo-interpretation.

Practical work: Geomorphological and photogeological exercises will be carried out in the laboratory and during the one week field excursion.

Hand specimen Mineralogy and Petrology.

This is essentially a practical course which includes the classification and properties of mineral families. Special attention is given to the commoner rock-forming minerals and economically important ores found in New South Wales. Hand specimen classification and recognition of igneous, sedimentary and metamorphic rocks, particularly those occurring in New South Wales. Demonstration of the use of micropetrological apparatus.

Palaeontology

Text Books

Moore, R. C., Lalicker, C. G., and Fischer, A. G.: *Invertebrate Fossils* (McGraw-Hill, 766 pp.), 1952.

OR

Beerbower, R.: *Search for the Past* (Prentice-Hall, 582 pp.), 1960.

Reference Books

Woods, H.: *Palaeontology Invertebrate* (Cambridge University Press, 477 pp.).

Schrock, R. R. and Twenhofel, W. H.: *Principles of Invertebrate Palaeontology* (McGraw-Hill, 816 pp.).

Arnold, C. A.: *An Introduction to Palaeobotany*. (McGraw-Hill, 433 pp.), 1947.

Stratigraphy

Text Books

Krumbein, H. C. and Sloss, L. L.: *Stratigraphy and Sedimentation*. (2nd ed.).

Reference Books

Kuenen, P.: *Marine Geology*.

Weller, J. M.: *Stratigraphic Principles and Practice*.

David, T. W. E. and Browne, W. R.: *Geology of the Commonwealth of Australia* (3 vols.) (Arnold & Co.) 1950.

Schrock, R. S.: *Sequence in Layered Rocks*.

General reading for section (c) and (d) will include *The Face of the Earth*, G. H. Dury, (Pelican Books).

*Arts students proceeding to a second course in Geology normally will take 25.562 Geology II (Arts) except in special cases approved by the Head of the School.

ARTS I—TIMETABLE, 1965

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00	Sc. Thought I (Program A) Psychology I (Group A)	Sociology I (Program A)	Sc. Thought I (Program A)	Sociology I (Program A)	Sc. Thought I (Program A)
10.00	German I(S)* History I Psychology I (Group D)	German I(S)* Sociology I (Program A)	German I(S)* History I Psychology I (Group C)	German I(S)* Sociology I (Program A) Economics I	History I
11.00	English I Psychology I (Group B)		English I	English I Psychology I (Group C)	Drama I Psychology I (Group D)
12.00	Pol. Science I French I	Psychology I (Group C)	Pol. Science I Drama I Psychology I (Group D)	Philosophy I	Psychology I (Group B) French I
2.00	Philosophy I	Drama I		Pol. Science I	Philosophy I
3.00	Economics I Sc. Thought I (Program B)	Sc. Thought I (Program B)		Psychology I (Group A)	Sc. Thought I (Program B) Psychology I (Group E)
4.00	Philosophy I (Group A) French I	Psychology I (Group E) French I		Psychology I (Group E)	Psychology I (Group B)
5.00				Sociology I (Program B)	Sociology I (Program B)
6.00				Sociology I (Program B)	Sociology I (Program B)

(S) Indicates classes at Sydney University.

Tutorials in Economics I will be arranged by the School of Economics.

Students taking courses from Group 7 (other than Scientific Thought) must consult the enrolling officer for their timetables.

Students taking courses from Group 6 must consult the enrolling officer for their timetables.

*German I will also be available in the evening at Sydney University.

Psychology I will consist of 3 hours of lectures and 2 hours of practical work. The times for practical work will be allocated during the first week of term.

ARTS II—TIMETABLE, 1965

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00	English II	Sc. Thought II (Program A)	German II(S) History II	Sc. Thought II (Program A)	
10.00	Pol. Science II	German II(S) History II	English II Economics II Pol. Science II	History II*	
11.00	Economics II French II	English II	French II		Sc. Thought II (Program A) French II
12.00	German II(S) Psychology II (Group C) French II (Dist.)	Drama II Psychology II (Group A)			Drama II
2.00	Aust. Studies Philosophy II	Aust. Studies Sc. Thought II (Program B) Psychology II (Group C)		Aust. Studies Philosophy II Psychology II (Group A)	Philosophy II
3.00	Pol. Science II (Dist.)	Sc. Thought II (Program B) Psychology II (Group C)		Pol. Science II Drama II Psychology II (Group C)	French II (Dist.)
4.00		Sc. Thought II (Program B) Psychology II (Group A)	German II(S)	History II* Psychology II (Group A)	French II
5.00	Sociology II			Sociology II	Sociology II

N.B.: Psychology II will consist of 4 hours of lectures:

2 hours from A—Tues. 4-5 Tues. 12-1.

& OR &

Thurs. 4-5 Thurs. 2-3.

2 hours from C—Tues. 3-4 Mon. 12-1.

& OR &

Thurs. 3-4 Tues. 2-3.

and 2 hours' practical work. Times for practical work will be allocated during the first week of term.

German II will also be available in the evening at Sydney University.

(S) indicates classes at Sydney University.

Tutorials in Economics II will be arranged by the School of Economics.

Students taking courses from Group 7 (other than Sc. Thought) must consult the enrolling officer for their timetables.

Students taking courses from Group 6 must consult the enrolling officer for their timetables.

*Alternate classes.

ARTS III—TIMETABLE, 1965

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00	Drama III		English IIIA		History IIIA
10.00	English IIIA	Sc. Thought III (Program A)	Sc. Thought III (Program A) Drama III	Sc. Thought III (Program A) Drama III	English IIIA
11.00	German III(S)* Pol. Science IIIA French III	Economics III	German III(S)* History IIIA French III	Economics III German III(S)*	French III
12.00	History IIIA	German III(S)* Pol. Science IIIA	Psychology III(A)	Pol. Science IIIA	
2.00		Sc. Thought III (Program B)			
3.00		Sc. Thought III (Program B) Psychology III(B)			
4.00	Psychology III(B)	German III(S)* Sc. Thought III (Program B) Psychology III(A)			French III
5.00	Sociology IIIB (5 to 8 p.m.)	Sociology IIIA (5 to 8 p.m.)			

Psychology III will consist of 4 hours of lectures (A + B) and 2 hours of practical work. Practical work times will be as follows:

Mon. 2-3 and Mon. 3-4 (2 classes) and Wed. 3-4 and Thurs. 3-4.

*German III will also be available in the evening at Sydney University.

(S) indicates classes at Sydney University.

Times for Philosophy III to be arranged by the School of Philosophy at the beginning of Term 1, 1965.

Tutorials in Economics III will be arranged by the School of Economics.

Students taking courses from Group 7 (other than Sc. Thought) must consult the enrolling officer for their timetables.

Students taking courses from Group 6 must consult the enrolling officer for their timetables.

Diploma Courses

In addition to the courses leading to the Degree of Bachelor of Arts, there are two Diploma Courses offered within the Faculty, the undergraduate diploma in Sociology and the graduate diploma in Librarianship.

DIPLOMA IN SOCIOLOGY

In addition to the Arts degree courses in Sociology, the School of Sociology offers a course lasting three years and leading to a Diploma in Sociology (Dip. Soc.). This course is designed essentially to meet the need of persons who are engaged in work calling for sociological knowledge and who wish to receive an academic training related to such work. It is intended to provide a specialised course dealing with principles of intelligent and effective social action, particularly as related to the achievement of satisfactory human relationships among groups of people whose social needs are greater than they can meet out of their own unaided resources.

The central subject of the course is Sociology, with supplementary teaching in other related fields. The course aims to provide a basis of understanding and knowledge upon which social techniques can subsequently be built in other courses or in experience in the work situation. At the third year level there will be specialisms in such fields as child welfare, criminology, youth welfare, migrant assimilation, etc., together with special seminars to study concrete problems of social action.

The course is shorter than that required for a B.A. degree, but the pass standards required of candidates for the Diploma in Sociology will be those of an Arts degree.

Note: SOCIAL WORK TRAINING

For persons contemplating a career in social work, the School of Sociology, in conjunction with other schools in the University, offers courses leading to the degree of Bachelor of Social Work (B.Soc.Wk.). A separate brochure giving details of the degree requirements and outlines of courses is obtainable from the Registrar, or from the School of Sociology.

Entrance Requirements

Intending candidates should apply to the School of Sociology, The University of New South Wales, Kensington (663-0351) as early as possible.

Candidates for admission to the course shall be required:

- (i) to have obtained matriculation by the recognised examination; or in the case of approved students over the age of 25 years, to have met the matriculation requirements of the University as set out in Section 4 (ii) of the matriculation requirements in the University Calendar.

- (ii) to possess suitable personal qualities as determined by the Professorial Board on the advice of the Head of the School of Sociology.

Diploma Requirements

- (i) Four major courses of not less than 90 hours per year, these courses to count towards an Arts degree.
- (ii) Five minor courses, each of not less than 30 hours per year.
- (iii) Advanced seminars, comprising 90 hours' work, on practical administrative and field problems.
- (iv) Presentation of a thesis. The thesis is to be a report of an investigation or project successfully carried out by the candidate under the supervision of the School of Sociology. The thesis must represent the original work of the student and may not be submitted for any other qualification. The thesis must be presented no later than three years after the completion of the other requirements, except by special permission under special circumstances.

OUTLINE OF COURSE

FIRST YEAR

53.111	Sociology I	3 hours per week
12.011	Psychology I	5 " " "

SECOND YEAR

53.112	Sociology II	3 hours per week
51.091	Social History	1 " " "
15.022	Social Economics	1 " " "
12.701	Psychology	2 " " "
53.232	Sociology of Social Work	1 " " "

THIRD YEAR

53.113	Sociology III	3 hours per week
53.213	Social Administration	1 " " "
53.223	Elective—Seminar (on child welfare, marriage counselling, criminology, etc.)	3 " " "

Thesis

To be presented in the final year, or not later than 3 years after the completion of the other requirements.

Special Course

53.333	Social Case Work	3 hours per week (together with prescribed field work)
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DESCRIPTIONS OF SUBJECTS

53.111 SOCIOLOGY I

As for B.A. course; see description earlier in this Handbook.

12.011 PSYCHOLOGY I

As for B.A. course; see description earlier in this Handbook.

53.112 SOCIOLOGY II

As for B.A. course; see description earlier in this Handbook.

51.091 SOCIAL HISTORY

History of social conditions, especially as affecting underprivileged groups in England and Australia in the 19th and 20th centuries. History of statutory and voluntary efforts towards social amelioration. Changing attitudes towards social need.

Text Books

Cole and Postgate: *The Common People* (University Paperback).

Thompson, D.: *England in the Nineteenth Century* (Pelican).

Reference Books

Briggs, A.: *The Age of Improvement*.

Halevy, E.: *History of the English People* (5 vols.).

15.022 SOCIAL ECONOMICS

The first part of this course will outline the economic system of Australia. The remainder of the course will deal with economic aspects of particular social problems: e.g., unemployment, the regulation of wages and the conditions of work, industrial disputes and arbitration, population trends and policy, the cost of living, housing and public health.

Preliminary Reading

Heilbroner, R. L.: *The Making of Economic Society* (Prentice Hall), 1962.

Robinson, M. A., Morton, H. C. and Calderwood, J. D.: *An Introduction to Economic Reasoning*. (3rd ed. Anchor Paperback), 1962.

Text Books

Hagenbach, W.: *Social Economics*. (Cambridge U.P.), 1958.

Karmel, P. H. and Brunt, M.: *The Structure of the Australian Economy*. (Cheshire), 1962.

Reference Books

Galbraith, J. K.: *The Affluent Society*. (Penguin), 1962.

Theobald, R.: *The Challenge of Abundance*. (Mentor), 1962.

12.701 PSYCHOLOGY

This course examines the factors responsible for determining behaviour and is concerned with both cultural influences and psychological variables. The nature and processes of an individual's develop-

ment from birth to adulthood are considered in relation to theories of motivation, perception and learning and to contributions from social psychologists and cultural anthropologists.

Text and Reference Books

As for 12.022 Psychology II, Part (a), in B.A. course; see earlier in this Handbook.

53.232 SOCIOLOGY OF SOCIAL WORK

The course will deal with the history of social work and the evolution of a professional approach to it. Study will be made of fundamental principles of social work and the values institutionalised within it, such as the dignity of the human being and the personal responsibility of each individual for his own welfare. Description and forms of social work; case work, group work; community organisation. Methods and principles of activating key persons and groups in the community and of inter-group co-operation. Overcoming resistance in particular fields. Technique of motivating people and securing co-operation. Problems of communicating knowledge.

Reference Books

Fink, Wilson and Conover: *The Field of Social Work* (Holt).
Merton and Nisbet: *Contemporary Social Problems* (Harcourt, Brace and World).
Wilenski and Lesbeaux: *Industrial Society and Social Welfare* (Russell Sage Foundation).

53.113 SOCIOLOGY IIIA

As for B.A. course; see description earlier in this Handbook.

53.213 SOCIAL ADMINISTRATION

This course will provide a short historical survey of the social services; methods in social policy, such as planning, legislation, administration and social work and the methods for their proper articulation; the relation between statutory and voluntary services; the problems of personnel recruitment and training in various fields of social service; problems of social policy under conditions of social change.

Reference Books

Birch, A. H.: *Federalism, Finance and Social Legislation* (O.U.P.), 1955.
Burns, Evelyn: *Social Security and Public Policy* (McGraw-Hill), 1956.
Clarke, J. J.: *Social Welfare* (Pitman, 1953).
Hall, M. Penelope: *Social Sources of Modern England* (Routledge K. P.), 1953.
Mendelsohn, R.: *Social Security in the British Commonwealth* (Athlone Press), 1954.
Titmuss, R.: *Essays on the Welfare State* (Allen and Unwin), 1958.
Swan, Jean A.: *Widows in Australia* (Council of Social Service), Sydney, 1962.

53.223 ELECTIVE

Seminars will be arranged, taking into account the specialisations of the class members, on topics such as child welfare, marriage counselling, criminology, etc.

53.333 SOCIAL CASE WORK

This course will consist of lectures and seminars concerned with the practice of social work and will be related to the supervised field work which is an integral part of this course.

Students contemplating taking this course should discuss the matter with a representative of the School of Sociology.

ENROLMENT PROCEDURE AND FEES

For details of "Enrolment Procedure" and "Fees" see earlier under these headings.

DIPLOMA IN SOCIOLOGY—TIMETABLE, 1965

Sociology I	Tuesday, 9-11 a.m. and Thursday, 9-11 a.m. or Thursday, 5-7 p.m. and Friday, 5-7 p.m.
Sociology II	Monday, 5-6 p.m.; Tuesday, 5-6 p.m.; Thursday, 5-6 p.m.; Friday, 5-6 p.m.
Sociology IIIA	Tuesday, 5-8 p.m.
Elective	Monday, 5-8 p.m. or Monday 3-4.30 p.m. and Friday, 3-4.30 p.m.
Psychology I	Monday, 6-8 p.m.; Tuesday, 6-7 p.m.; Tuesday, 7-9 p.m.
Psychology (Adv.)	Friday, 6-8 p.m.
Sociology of Social Work	Thursday, 7-8 p.m.
Social Administration	Monday, 5-6 p.m.
Social History	Wednesday, 6-7 p.m.
Social Economics	Wednesday, 5-6 p.m.

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.
- (3) Complete at least one year's employment in approved professional work.

ENROLMENT PROCEDURE

Applications for admission to the course should be made on the prescribed form which must be lodged with the Registrar at least one full calendar month before the course begins. The Registrar will advise applicants whether they are eligible to enrol. Successful applicants must complete their enrolment by attending at the office of the School of Librarianship, first floor, Dalton Chemistry Building, between 2.00 and 5.00 p.m., or 6.00 and 8.00 p.m. on Friday, 26th February, 1965.

FEES

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 an 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" on pages 21-24. 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 £2
 (ii) Award of Diploma Fee £3
 (iii) Course Fee — calculated on the basis of a term's attendance at the rate of £2.10s.0d. per hour per week. Thus the fee for a programme requiring an attendance of 12 hours per week for the term is 12 x £2.10s.0d. = £30.0s.0d. per term.

Other Fees

Fees (ii)-(vi) as for undergraduate courses. See page 23.

Late Fees

As for undergraduate courses. See pages 23-24.

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

12

- 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.

The lectures and practical work are held on four mornings of each week from 9.00 a.m. to 12.30 p.m. There may also be tutorials at times to be arranged.

The course can be completed in one year of full-time attendance and in more than one year of part-time attendance.

TIMETABLE FOR 1965

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00	Book Acquisition	Book Production	Library History, Provision and Government	Circulation, Co-operation and Reader Relations Archives and Official Publications	
10.00	Reference Work and Aids to Research	Descriptive, Author and Title Cataloguing	Subject Cataloguing and Classification	Children's Libraries Special Materials	
11.00					
11.30	Reference Work and Aids to Research	Descriptive, Author and Title Cataloguing	Subject Cataloguing and Classification	Children's Literature Library Organisation	

Other options may be offered at times to be determined.

DESCRIPTIONS OF SUBJECTS

55.211 LIBRARY HISTORY, PROVISION AND GOVERNMENT

An optional course of 30 hours of lectures and practical work.

- (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

- Esdaile, A.: *National Libraries of the World*, 2nd ed. Lond. (L.A.), 1957.
Hessel, A.: *History of Libraries*, Washington (Scarecrow Press), 1950.
McColvin, L. R.: *Public Libraries in Australia*, Melb. (M.U.P.), 1947.
Munn, R. and Pitt, E. R.: *Australian Libraries*, Melb. (A.C.E.R.), 1935.

55.221 LIBRARY ORGANIZATION

An optional course of 30 hours of lectures and practical work.

- (a) Location, planning, equipment of libraries and library services.
- (b) Administration, staffing, organization of processing and service departments: acquisition, cataloguing and classifying, lending and reference.

Reference Books

- Brown, J. D.: *Manual of Library Economy*, 7th ed. Lond. (Grafton), 1961.
Galvin, H. R.: *Small Public Library Building*, Paris (Unesco), 1959.
Tauber, M. F.: *Technical Services in Libraries*, N.Y. (Columbia U.P.), 1958.
Thompson, A.: *Library Buildings of Britain and Europe*. Lond. (Butterworths), 1963.
Wheeler, J. L.: *Practical Administration of Public Libraries*, N.Y. (Harper and Row), 1962.

55.311 BOOK PRODUCTION

An optional course of 30 hours of lectures and practical work.

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 book-selling, library needs and relations.

Reference Books

- Aldis, H. G.: *The Printed Book*, 3rd ed. (Cambridge Univ. Press), 1951.
Bland, D.: *Illustration of Books*, 2nd ed. Lond. (Faber), 1952.
Glaister, G. A.: *Glossary of the Book*, Lond. (Allen & Unwin), 1960.
Harrison, F.: *A Book about Books*, Lond. (Murray), 1948.
Jennett, S.: *Pioneers in Printing*, Lond. (Routledge), 1958.
Kenyon, Sir F. G.: *Books and Readers in Ancient Greece and Rome*, 2nd ed. Oxford (Clarendon Press), 1951.
Moorhouse, A. C.: *The Triumph of the Alphabet*, N.Y. (Schuman), 1953.
Peddie, R. A.: *Outline of the History of Printing*, Lond. (Grafton), 1917.
Snow, P.: *How a Book is Made*, Lond. (Routledge), 1960.
Unwin, Sir S.: *The Truth about Publishing*, New ed. Lond. (Allen and Unwin), 1960.
Updike, D. B.: *Printing Types, their History, Forms and Use*, 2nd ed. Cambridge, Mass. (Harvard U.P.), 1951.
Verry, H. R.: *Document Copying and Reproduction Processes*, Lond. (Fountain Press), 1958.
Young, J. L.: *Books, from the MS. to the Bookseller*, 3rd ed. Lond. (Pitman), 1947.

55.321 BOOK ACQUISITION

A compulsory course of 30 hours of lectures and practical work.

Acquisition of books and periodicals by purchase, donation, exchange and deposit. The acquisition process in relation to other processes.

Reference Books

Carter, M. D., and Bonk, W. J.: *Building Library Collections*, N.Y. (Scarecrow Press), 1959.

Haines, H. E.: *Living with Books; the Art of Book Selection*, 2nd ed. N.Y. (Columbia U.P.), 1957.

Osborn, A. D.: *Serial Publications, their Place and Treatment in Libraries*, Chic. (A.L.A.), 1958.

Tauber, M. F.: *Technical Services in Libraries*, N.Y. (Columbia U.P.), 1958.

Wulfkoetter, G.: *Acquisition Work*. Seattle (University of Washington Press). 1961.

55.411 DESCRIPTIVE, AUTHOR AND TITLE CATALOGUING

A compulsory course of 60 hours of lectures and practical work.

(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

American Library Association: *A.L.A. Cataloging Rules for Author and Title Entries*, 2nd ed. Chic., 1949.

American Library Association: *A.L.A. Rules for Filing Catalog Cards*, Chic., 1943.

Library of Congress: *Rules for Descriptive Cataloging in the Library of Congress*, Washington (Govt. Pr.), 1949.

Reference Books

Akers, S. G.: *Simple Library Cataloging*, 4th ed. Chic. (A.L.A.), 1954.

Mann, M.: *Introduction to Cataloging and the Classification of Books*, 2nd ed. Chic. (A.L.A.), 1943.

Tauber, M. F.: *Technical Services in Libraries*, N.Y. (Columbia U.P.), 1958.

55.421 SUBJECT CATALOGUING AND CLASSIFICATION

A compulsory course of 60 hours of lectures and practical work.

(a) Alphabetical subject and dictionary catalogues, bibliographies, indexes and abstracts. (The dictionary catalogue, etc., with Cutter's specific subject entry; alphabetico-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*, 8th abridged ed. Lake Placid Club, N.Y. (Forest Press), 1959.
Metcalf, J. W.: *Subject Classifying and Indexing of Libraries and Literature*, Syd. (A. & R.), 1959.
Sears, M. E.: *List of Subject Headings*, 8th ed. N.Y. (Wilson), 1959.

Reference Books

- Mann, M.: *Introduction to Cataloging and the Classification of Books*, 2nd ed. Chic. (A.L.A.), 1943.
Merrill, W. S.: *Code for Classifiers*, 2nd ed. Chic. (A.L.A.), 1939.
Phillips, W. H.: *Primer of Book Classification*, 5th ed. Lond. (A.A.L.), 1961.

55.511 REFERENCE WORK AND AIDS TO RESEARCH

A compulsory course of 60 hours of lectures and practical work.

- (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 organization 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*, 5th ed. Baltimore (Enoch Pratt Free Library), 1962.

Reference Books

- Hutchins, M.: *Introduction to Reference Work*, Chic. (A.L.A.), 1959.
Roberts, A. D.: *Introduction to Reference Books*, 3rd ed. Lond. (Library Association), 1958.
Shores, L.: *Basic Reference Sources*, Chic. (A.L.A.), 1959.
Walford, A. J.: *Guide to Reference Material (with supp.)* Lond. (Library Association), 1959-63.
Winchell, C. N.: *Guide to Reference Books (with supp.)*, Chic. (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.

Optional courses of 30 hours of lectures and practical work.

Collections and collection building, catalogues, indexes, classifications, comprehensive reference works, primary and secondary sources, literature searching and reports.

55.521 CIRCULATION, CO-OPERATION AND READER RELATIONS

An optional course of 30 hours of lectures and practical work.

- (a) Intra-mural and extra-mural circulation of books and periodicals: purposes, methods, alternatives. Interlibrary 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*, Chic. (A.L.A.), 1955.

Tauber, M. F.: *Technical Services in Libraries*, N.Y. (Columbia U.P.), 1958.

55.611 ARCHIVES AND OFFICIAL PUBLICATIONS

An optional course of 30 hours of lectures and practical work.

- (a) Archives and archival principles. Current records in relation to archives. Techniques of the archivist.
- (b) Types of official publications, their processing and use.

Reference Books

Gt. Brit.: *Committee on Departmental Records: Report*, Lond. (H.M.S.O.), 1954 (Chairman: Sir James Grigg).

Schellenberg, T. R.: *Modern Archives, Principles and Techniques*, Melb. (Cheshire), 1956.

Aust. Parliament: *Parliamentary and Government Publications*. Reports from the Joint Select Committee, Canberra (Commonwealth Government Printer), 1964.

55.621 SPECIAL MATERIALS

An optional course of 30 hours of lectures and practical work.

Acquisition, organization, housing, conservation and use of special materials: manuscripts, maps, music, pamphlets, moving pictures, filmstrips, micro-copies, illustrations, disc and tape recordings, etc.

Reference Books

Boggs, S. W., and Lewis, D. C.: *Classification and Cataloging of Maps and Atlases*, N.Y. (S.L.A.), 1945.

Bryant, E. T.: *Music Librarianship: a Practical Guide*, Lond. (Clarke), 1959.

Collison, R. L.: *The Treatment of Special Materials in Libraries*, Lond. (Aslib), 1957.

- Curral, H. F. J.: *Gramophone Record Libraries, Their Organisation and Practice*. Lond. (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*, Lond. (Assoc. of Assistant Librarians), 1959.
- Schellenberg, T. R.: *Arrangement of Private Papers; Description of Private Papers* (*Archives and Manuscripts* 1: Aug. 1957, Aug. 1958).

55.641 ARCHIVES, HISTORY and THEORY

An optional course of 30 hours of lectures and practical work.

Archives history, definition, institutional relations, and uses in public administration, the law and historical studies.

55.642 ARCHIVES PRACTICE

An optional course of 30 hours of lectures and practical work.

Archives legislation, administration, organization, preservation, services.

55.643 RECORDS MANAGEMENT

An optional course of 30 hours of lectures and practical work.

Management of current records, especially in relation to archival preservation.

55.701 PUBLIC LIBRARIES

An optional course of 30 hours of lectures and practical work.

Local, provincial and national public libraries, with emphasis on the local public library. Social purposes, provision, administration, organisation, services given and received, co-operation.

55.702 UNIVERSITY AND COLLEGE LIBRARIES

An optional course of 30 hours of lectures and practical work.

University and college library administration, organization, book selection, acquisition, cataloguing, services, intra and extra university and college relations.

55.703 SPECIAL LIBRARIES

An optional course of 30 hours of lectures and practical work.

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

An optional course of 30 hours of lectures and practical work.

Collections of material of localised interest, their history, provision, administration, organisation, scope, services and relations, including relations with archives.

55.711 CHILDREN'S LIBRARIES

An optional course of 30 hours of lectures and practical work.

- (a) Provision of children's libraries; function and aims of service to children in different age groups.
- (b) Organization 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.

Reference Books

- Henne, F.: *Youth, Communication and Libraries*, Chic. (A.L.A.), 1949.
McColvin, L. R.: *Libraries for Children*, Lond. (Phoenix House), 1961.
McColvin, L. R.: *Public Library Services for Children*, Paris (Unesco), 1957.

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*, Chic. (Scott, Foresman), 1947.
Darton, F. J. H.: *Children's Books in England*, 2nd ed. Cambridge (C.U.P.), 1958.
Hazard, P.: *Books, Children and Men*, Boston (Horn Book), 1944.
Mahony, B. E.: *Illustrators of Children's Books, 1744-1956*, Boston (Horn Book), 1947-58.
Smith, L. H.: *The Unreluctant Years: a Critical Approach to Children's Literature*, Chic. (A.L.A.), 1953.
White, D. N.: *About Books for Children*, N.Y. (O.U.P.), 1946.
White, D. N.: *Books before Five*, Wellington (N.Z. Council for Educ. Research), 1954.

