

FACULTY OF ARTS

1972 HANDBOOK



THE UNIVERSITY OF NEW SOUTH WALES

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FACULTY OF ARTS
1972 HANDBOOK
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PREFACE

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

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

An endeavour has been made to provide answers to those problems which students are most likely to encounter. *It is important that each student in the Faculty becomes well acquainted with the information presented here.* If problems remain unanswered, enquiries may be referred to the Faculty office, Room LG 5, which is situated on the lower ground floor of the Morven Brown Building (Arts/Maths), near the top of Basser Steps.

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

CALENDAR OF DATES FOR 1972

Session 1: March 6 to May 13

May Recess: May 14 to May 21

May 22 to June 17

Midyear Recess: June 18 to July 23

Session 2: July 24 to August 12

August Recess: August 13 to August 27

August 28 to November 11

JANUARY

- Friday 21 Last day for acceptance of applications to enrol
by new students and students repeating first
year
- Monday 31 Australia Day—Public Holiday

FEBRUARY

- Tuesday 1 to
Saturday 12 Deferred examinations
- Monday 21 Enrolment period begins for new students and
students repeating first year
- Monday 28 Enrolment Week commences for students re-
enrolling (second and later years)

MARCH

- Monday 6** **Session 1 commences**
- Friday 17 Last day of enrolment for new students (late fee
payable)
- Thursday 30 Last day for later year enrolments (late fee pay-
able)
- Friday 31 to
Monday 3 April .. Easter

APRIL

- Tuesday 25 Anzac Day—Public Holiday

MAY

- Sunday 14 to
Sunday 21 May Recess

JUNE

- Monday 12 Queen's Birthday—Public Holiday
- Saturday 17** **Session 1 ends**
- Friday 30 Last day of acceptance of applications for re-
admission after exclusion under rules govern-
ing re-enrolment

JULY

Monday 24	Session 2 commences
Thursday 27	Foundation Day

AUGUST

Sunday 13 to Sunday 27	August Recess
---------------------------	---------------

SEPTEMBER

Friday 15	Last day for acceptance of corrected enrolment details forms
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OCTOBER

Monday 2	Eight Hour Day—Public Holiday
Friday 6	Last day for acceptance of corrected enrolment details forms (late fee payable)

NOVEMBER

Saturday 11	Session 2 ends
Tuesday 14	Examinations begin

1973

Session 1: March 5 to May 12
May Recess: May 13 to May 20
May 21 to June 16
Midyear Recess: June 17 to July 22
Session 2: July 23 to August 11
August Recess: August 12 to August 26
August 27 to November 10

JANUARY

Tuesday 30 to Saturday 10 Feb.	Deferred examinations
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FEBRUARY

Monday 19	Enrolment Week commences for new students and students repeating first year
Monday 26	Enrolment Week commences for students re-enrolling (second and later years)

THE ACADEMIC YEAR

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

The first session commences on the first Monday of March.

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COURSES AVAILABLE FOR DEGREE OF BACHELOR OF ARTS

SCHEDULE A

The following is a list of the subjects that may be studied in the Faculty of Arts, at Kensington. The subjects show the courses of each subject together with the distinguishing number of each course.

The Honours syllabus of a course incorporates the Pass syllabus of that course plus additional work; thus the hours shown for an Honours syllabus **include** the hours shown for the pass course syllabus.* For example, the Honours course 57.223 Drama IIIA is made up of 4 hours per week in 57.213 Drama IIIA plus 3 hours per week additional work to make up the total of 7 hours indicated in the table below.

Further information on the content of each of the courses may be found in the following "Description of Subjects" and in Section D of the Calendar--Description of Subjects.

Subject	Qualifying Course	Compulsory hours per week for 2 sessions
Chemistry	2.001 Chemistry I	6
	2.002 Chemistry IIS	9
Drama	57.211 Drama I	4½
	57.212 Drama II	4
	57.222 Drama II (Honours)	6
	57.213 Drama IIIA	4
	57.223 Drama IIIA (Honours)	7
	57.233 Drama IIIB	3
	57.243 Drama IIIB (Honours)	4
Economic History	57.224 Drama IV (Honours)	4
	15.331 Economic History I	3
	15.332 Economic History II	3
	15.342 Economic History II (Honours)	3
	15.333 Economic History IIIA	4
	15.343 Economic History IIIA (Honours)	5
	15.353 Economic History IIIB (Honours)	4
	15.304 Economic History IV (Honours)	6

Psychology Honours courses II and IIIA vary from this general pattern. For further details, students should refer to the sections "Descriptions of Subjects" and "Psychology Subjects" in this Handbook.

Subject	Qualifying Course	Compulsory hours per week for 2 sessions
Economics	15.101 Economics I	4
	15.151 Economics IT	4
	15.102 Economics II	4
	15.112 Economics II (Honours)	4
	15.133 Economics IIIA	4
	15.143 Economics IIIA (Honours)	4
	15.153 Economics IIIB (Honours)	5
	15.124 Economics IV (Honours)	6
English	50.111 English I	4
	50.121 English IT	4
	50.112 English II	4
	50.122 English II (Honours)	6
	50.113 English IIIA	4
	50.123 English IIIA (Honours)	5
	50.133 English IIIB	3
	50.143 English IIIB (Honours)	4
French	56.111 French I	5
	56.112 French II	5
	56.122 French II (Honours)	7
	56.113 French IIIA	5
	56.123 French IIIA (Honours)	6½
	56.133 French IIIB	5
	56.143 French IIIB (Honours)	6½
	56.114 French IV (Honours)	5
Geography	27.041 Geography IA	4½
	27.042 Geography IIA	6
	27.052 Geography IIA (Honours)	7
	27.043 Geography IIIA	6
	27.053 Geography IIIA (Honours)	7
	27.063 Geography IIIB	6
	27.073 Geography IIIB (Honours)	7
	27.054 Geography IV (Honours)	6
General Biology	17.001 General and Human Biology	6
	17.002 Biology II	12
Geoscience	25.111 Geoscience I	6
	25.112 Geoscience II	9
German	64.001 German IZ	6
	64.111 German I	6
	64.002 German IIZ	7
	64.022 German IIZ (Honours)	8
	64.112 German II	5
	64.122 German II (Honours)	6
	64.113 German IIIA	5
	64.123 German IIIA (Honours)	6
	64.133 German IIIB	5
	64.143 German IIIB (Honours)	6
	64.114 German IV (Honours)	5

Subject	Qualifying Course	Compulsory hours per week for 2 sessions
History	51.111 History IA	3
	51.121 History IB	3
	51.112 History IIA	3
	51.132 History IIB	3
	51.122 History II (Honours)	4
	51.142 History II (Honours)	4
	51.113 History IIIA	3
	51.133 History IIIB	3
	51.143 History IIIB (Honours)	4
	51.153 History IIIC (Honours)	4
	51.163 History IIID (Honours)	4
	51.114 History IV (Honours)	2
History and Philosophy of Science	62.111 Hist. and Phil. of Sc. I	4
	62.112 Hist. and Phil. of Sc. II	4
	62.122 Hist. and Phil. of Sc. II (Honours)	5
	62.113 Hist. and Phil. of Sc. IIIA	4
	62.123 Hist. and Phil. of Sc. IIIA (Honours)	6
	62.133 Hist. and Phil. of Sc. IIIB (Honours)	6
	62.114 Hist. and Phil. of Sc. IV (Honours)	4
Industrial Relations	15.502 Industrial Relations I	3
	15.512 Industrial Relations I (Honours)	3
	15.503 Industrial Relations II	3
	15.513 Industrial Relations II (Honours)	4
Mathematics	10.011 Higher Mathematics I <i>or</i>	6
	10.001 Mathematics I <i>or</i>	6
	10.021 Mathematics IT	6
	10.911 Mathematics II	6
	10.921 Higher Mathematics II	7½
	10.912 Mathematics III	8
	10.922 Higher Mathematics III	10
	10.111 Pure Mathematics II	6
	10.121 Higher Pure Mathematics II	7½
	10.112 Pure Mathematics III	8
	10.122 Higher Pure Mathematics III	10
	10.123 Pure Mathematics IV (Honours)	10
	10.211 Applied Mathematics II	6
	10.221 Higher Applied Mathe- matics II	7½
	10.212 Applied Mathematics III	8
	10.222 Higher Applied Mathe- matics III	8

Subject	Qualifying Course	Compulsory hours per week for 2 sessions
Philosophy	52.111 Philosophy I	4
	52.112 Philosophy II	4
	52.122 Philosophy II (Honours)	6
	52.113 Philosophy IIIA	4
	52.123 Philosophy IIIA (Honours)	6
	52.133 Philosophy IIIB (Honours)	4
	52.114 Philosophy IV (Honours)	4
Physics	1.011 Higher Physics I <i>or</i>	6
	1.001 Physics I <i>or</i>	6
	1.041 Physics IC	6
	1.112 Physics II	8
Political Science	54.111 Political Science I	3½
	54.112 Political Science II	3½
	54.122 Political Science II (Honours)	5½
	54.113 Political Science IIIA	3
	54.123 Political Science IIIA (Honours)	5
	54.143 Political Science IIIB (Honours)	5
	54.114 Political Science IV (Honours)	5
Psychology	12.001 Psychology I	5
	12.012 Psychology II (Advanced)	8
	12.022 Psychology II	4
	12.032 Psychology II (Honours)	8
	12.013 Psychology IIIA	9
	12.033 Psychology IIIA (Honours)	9
	12.034 Psychology IIIB (Honours)	9
	12.035 Psychology IV (Honours)	6
Russian	59.001 Russian IZ	7
	59.111 Russian I	5
	59.002 Russian IIZ	7
	59.022 Russian IIZ (Honours)	8
	59.113 Russian IIIA	7

Subject	Qualifying Course	Compulsory hours per week for 2 sessions
Sociology	53.111 Sociology I	3
	53.121 Sociology IT	3
	53.112 Sociology II	4½
	53.122 Sociology II (Honours)	6½
	53.113 Sociology IIIA	3
	53.123 Sociology IIIA (Honours)	6
	53.143 Sociology IIIB (Honours)	6
	53.114 Sociology IV (Honours)	6
Spanish and Latin American Studies	65.001 Spanish IZ	6
	65.111 Spanish I	5
	65.002 Spanish IIZ	6
	65.022 Spanish IIZ (Honours)	7
	65.112 Spanish II	5
	65.122 Spanish II (Honours)	7
	65.113 Spanish IIIA	6
	65.123 Spanish IIIA (Honours)	8
	65.133 Spanish IIIB	6
	65.143 Spanish IIIB (Honours)	8
	65.114 Spanish IV (Honours)	7
Theory of Statistics	10.311 Theory of Statistics II	7
	10.321 Higher Theory of Statistics II	8
	10.312 Theory of Statistics III	8
	10.322 Higher Theory of Statistics III	9
	10.323 Theory of Statistics IV (Honours)	8

SCHEDULE B

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

BACHELOR OF ARTS—PASS DEGREE

	Course I	Course II	Course III
Programme 1	10.001 Mathematics I AI BI CI DI	10.911 Mathematics II AII	10.912 Mathematics III AIII
2	10.001 Mathematics I AI BI CI	10.911 Mathematics II AII BII	10.912 Mathematics III AIII
3	10.001 Mathematics I AI BI CI	10.911 Mathematics II AII BII CII	10.912 Mathematics III
4	10.001 Mathematics I 10.311 Theory of Statistics II AI BI	10.911 Mathematics II 10.312 Theory of Statistics III AII BII	10.912 Mathematics III
5	10.001 Mathematics I AI BI CI DI	10.111 Pure Mathematics II 10.211 Applied Mathematics II	10.112 Pure Mathematics III 10.212 Applied Mathematics III
6	10.001 Mathematics I AI BI CI	10.111 Pure Mathematics II 10.211 Applied Mathematics II AII BII	10.112 Pure Mathematics III
7	10.001 Mathematics I AI BI CI	10.111 Pure Mathematics II 10.211 Applied Mathematics II AII BII	10.212 Applied Mathematics III
8	AI BI CI 10.001 Mathematics I	AII BII 10.311 Theory of Statistics II	AIII BIII

BACHELOR OF ARTS IN SPECIAL STUDIES—HONOURS DEGREE

Course I	Course II	Course III	Course IV
10.011 Higher Mathematics I* AI BI	10.921 Higher Mathematics II 10.321 Higher Theory of Statistics II AII	10.922 Higher Mathematics III 10.322 Higher Theory of Statistics III	10.123 Pure Mathematics IV
10.011 Higher Mathematics I* AI BI	10.121 Higher Pure Mathematics II 10.221 Higher Applied Mathematics II† AII	10.122 Higher Pure Mathematics III 10.222 Higher Applied Mathematics III	10.123 Pure Mathematics IV
10.011 Higher Mathematics I* AI BI	10.321 Higher Theory of Statistics II 10.911 Mathematics II AII	10.322 Higher Theory of Statistics III 10.912 Mathematics III	10.323 Theory of Statistics IV

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

† Prerequisite graded pass in Physics 1.001.

BACHELOR OF ARTS IN COMBINED SPECIAL STUDIES—HONOURS DEGREE

The second combined subject is indicated by Z

Course I	Course II	Course III	Course IV
10.011 Higher Mathematics I ZI AI	10.921 Higher Mathematics II ZII (H) AII	10.922 Higher Maths. III ZIIIA (H)	{ 10.123 Pure Mathematics IV Z
10.011 Higher Mathematics I ZI AI BI	10.121 Higher Pure Mathematics II 10.221 Higher Applied Mathematics II ZII (H)	10.122 Higher Pure Mathematics III ZIIIA (H)	{ 10.123 Pure Mathematics IV Z
10.011 Higher Mathematics I ZI AI	10.321 Higher Theory of Statistics II ZII (H) 10.911 Mathematics II	10.322 Higher Theory of Statistics III ZIIIA(H) 10.912 Mathematics III	{ 10.323 Theory of Statistics IV Z

DESCRIPTIONS OF SUBJECTS

School or Department	Identifying Number
Chemistry	2
Drama	57
Economic History	15
Economics	15
English	50
French	56
General and Human Biology	17
Geography	27
Geology	25
German	64
History	51
History and Philosophy of Science	62
Industrial Relations	15
Mathematics	10
Philosophy	52
Physics	1
Political Science	54
Psychology	12
Russian	59
Sociology	53
Spanish and Latin American Studies	65

CHEMISTRY

2.001 Chemistry I

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

TEXTBOOKS

- Ander, P. & Sonnessa, A. J. *Principles of Chemistry*. Collier-Macmillan, 1966.
Aylward, G. A. & Findlay, T. J. V. *SI Chemical Data*. Wiley, Sydney, 1971.
Barrow, G. M., Kenney, M. E., Lassila, J. D., Litle, R. L. & Thompson, W. E. *Understanding Chemistry*. Benjamin, N.Y., 1969.
Chemistry I—Laboratory Manual. Univ. of N.S.W., 1971.
Hart, H. & Schuetz, R. D. *Organic Chemistry*. Fefler & Simons, 1967.
Turk, A., Meislich, H., Brescia, F. & Arents, J. *Introduction to Chemistry*. Academic Press, 1968.

REFERENCE BOOKS

- Brown, G. I. *A New Guide to Modern Valency Theory*. Longmans, 1967.
Eastwood, F. W., Swan, J. M. & Yonatt, J. B. *Organic Chemistry. A First University Course in Twelve Programs*. Science Press, 1967.
Gray, H. B. & Haight, G. P. *Basic Principles of Chemistry*. Benjamin, 1967.
Ladd, M. F. C. & Lee, W. H. *Modern Physical Chemistry: an introduction*. Penguin, 1969.
Pauling, L. *College Chemistry*. 3rd ed. Freeman, N.Y. 1964.
Sisler, H. H., Van derWerf, C. A. & Davidson, A. W. *College Chemistry*. 3rd ed. Collier-Macmillan, 1967.
Vogel, A. I. *Macro and Semimicro Qualitative Analysis*. 4th ed. Longmans, 1954.

2.002 Chemistry II

Divided into three units, 2.002A, 2.002B, 2.002C.

2.002A Chemistry II (Physical Chemistry)

Quantum mechanics; molecular energy and thermodynamics; chemical application of thermodynamics; surface and colloid chemistry.

TEXTBOOKS

- Aylward, G. H. & Findlay, T. J. V. *SI Chemical Data*. Wiley, 1971.
Barrow, G. M. *Physical Chemistry*. 2nd ed. McGraw-Hill, 1966.
Daniels, F. et al. *Experimental Physical Chemistry*. 7th ed. McGraw-Hill, 1970.
Shaw, D. J. *Introduction to Colloid and Surface Chemistry*. 2nd ed. Butterworth, 1970.

REFERENCE BOOKS

- Alexander, A. E. & Johnson, P. *Colloid Science*. O.U.P., 1950.
Barrow, G. M. *Structure of Molecules*. Benjamin, 1963.
Daniels, F. & Alberty, R. A. *Physical Chemistry*. 3rd ed. Wiley, 1966.
Glasstone, S. *Textbook of Physical Chemistry*. 2nd ed. Van Nostrand, 1948.
Moore, W. J. *Physical Chemistry*. 4th ed. Longmans, 1963.
Shoemaker, D. P. & Garland, C. W. *Experiments in Physical Chemistry*. 2nd ed. McGraw-Hill, 1967.

2.002B Chemistry II (Organic Chemistry)

Aromatic and introductory heterocyclic chemistry; organometallic compounds; substitution and elimination reactions at saturated carbon atoms; carbanions; dienes.

TEXTBOOKS

1.

Morrison, R. T. & Boyd, R. N. *Organic Chemistry*. 2nd ed. Allyn & Bacon, 1966.

2. One of the following:

Cheronis, N. D. & Entrikin, J. B. *Identification of Organic Compounds*. Wiley International Edition.

Shriner, R. L., Fuson, R. C. & Curtin, D. Y. *Systematic Identification of Organic Compounds*. 5th ed. Wiley, 1964.

Vogel, A. I. *Elementary Practical Organic Chemistry*. Part II. Qualitative Organic Analysis. Longmans, 1957.

2.002C Chemistry II (Inorganic Chemistry)

Chemistry of non-metals; chemistry of typical metals; transition metals, lanthanides and actinides; introduction to nuclear chemistry. Quantitative inorganic analysis.

TEXTBOOKS

Day, R. A. & Underwood, A. L. *Quantitative Analysis*. Prentice-Hall, 1967.

Hamilton, L. E. & Simpson, S. *Calculations of Analytical Chemistry*. 7th ed. McGraw-Hill, 1968.

Jolly, W. L. *The Chemistry of the Non-Metals*. Prentice-Hall, 1966.

Larsen, E. M. *Transitional Elements*. Benjamin, 1965.

Quagliano, J. V. & Vállarino, L. M. *Coordination Chemistry*. Heath & Co., Lexington, 1969.

REFERENCE BOOKS

Basolo, F. & Johnson, R. *Coordination Chemistry*. Benjamin, 1964.

Brown, G. M. & Sallee, E. M. *Quantitative Chemistry*. Prentice-Hall, 1963.

Carswell, D. J. *Introduction to Nuclear Chemistry*. Elsevier, 1967.

Cotton, F. A. & Wilkinson, G. *Advanced Inorganic Chemistry*. 2nd ed. Wiley, 1966.

Vogel, A. I. *Quantitative Inorganic Analysis*. 3rd ed. Longmans, 1961.

DRAMA

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

57.211 Drama I

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

Additional lectures are included on stage and theatre design, music in the theatre, Japanese drama, and television. Tutorials concentrate on the theatrical aspects of the plays studied.

TEXTBOOKS

- Albee, E. *Who's Afraid of Virginia Woolf?* Penguin.
 Arden, J. *Serjeant Musgrave's Dance*. Methuen.
 Bolt, R. *A Man for All Seasons*. Penguin.
 Brecht, B. *Parables for the Theatre*. Penguin.
 Chekhov, A. *Plays*. Penguin.
 Esslin, M. ed. *Absurd Drama*. Penguin.
 Frisch, M. *The Fire Raisers*. Methuen.
 Heilman, R. ed. *An Anthology of English Drama Before Shakespeare*. Holt, Rinehart & Winston.
 Ibsen, H. *Ghosts and Other Plays*. Penguin.
 Ionesco, E. *Plays*. Penguin.
 Molière, J. B. P. *Five Plays*. Penguin.
 O'Neill, E. *Ah, Wilderness! and Other Plays*. Penguin.
 Robinson, C. A. Jr. ed. *An Anthology of Greek Drama*. 1st Series. Holt, Rinehart & Winston.
 Shakespeare, W. *Hamlet*. Signet.
 Stoppard, T. *Rosencrantz and Guildenstern are Dead*. Faber.
 Strindberg, A. *Six Plays*. Doubleday Anchor.
 Williams, T. *Sweet Bird of Youth and Other Plays*. Penguin.
 Noh Plays. Texts will be supplied.
 Plays currently in performance at the Old Tote Theatre. Any convenient edition.

REFERENCE BOOKS

- Arnott, P. *Greek Scenic Conventions*. O.U.P.
 Arnott, P. *Introduction to Greek Theatre*. Macmillan.
 Barker, H. G. *Prefaces to Shakespeare*. Batsford.
 Beckerman, H. *Shakespeare at the Globe*. Macmillan.
 Bentley, E. *The Art of Drama*. Appleton-Century-Crofts.
 Bentley, E. *Theories of the Modern Stage*. Pelican.
 Bieber, M. *History of the Greek and Roman Theatre*. O.U.P.
 Boleslavsky, R. *Acting: The First Six Lessons*. Dobson.
 Bradbrook, M. C. *Ibsen the Norwegian*. Chatto & Windus.
 Brecht, B. *The Messingkauf Dialogues*. Methuen.
 Brockett, O. *The Theatre*. Holt, Rinehart & Winston.
 Clark, B. *Eugene O'Neill: The Man and His Plays*. Dover.

- Demetz, P. ed. *Brecht*. Prentice-Hall.
- Esslin, M. *The Theatre of the Absurd*. Pelican.
- Esslin, M. *Brecht: A Choice of Evils*. Eyre & Spottiswoode.
- Fergusson, F. *The Idea of a Theatre*. Doubleday Anchor.
- Fjelde, R. ed. *Ibsen*. Prentice-Hall.
- Ford, B. ed. *The Age of Shakespeare*. Pelican.
- Freedley, G. & Reeves, J. A. *A History of the Theatre*. Crown.
- Gassner, J. ed. *O'Neill*. Prentice-Hall.
- Gassner, J. *Directions in the Modern Theatre*. Holt, Rinehart & Winston.
- Gassner, J. *The Theatre in Our Times*. Crown.
- Hamilton, E. *The Greek Way*. Mentor.
- Heffner, H., Selden, S. & Selman, H. *Modern Theatre Practice*. Vision.
- Hodges, G. *The Globe Restored*. Benn.
- Hunningher, B. *Origin of the Theatre*. Hill & Wang.
- Kitto, H. D. F. *Form and Meaning in Drama*. University Paperback.
- Kitto, H. D. F. *Greek Tragedy*. University Paperback.
- Magarshack, D. *Chekhov the Dramatist*. Lehman.
- Magarshack, D. *Stanislavsky on the Art of the Stage*. Faber.
- Nicoll, A. *Development of the Theatre*. Harrap.
- Nicoll, A. *World Drama*. Harrap.
- Slonim, M. *Russian Theatre*. Crown.
- Sokel, W. ed. *Anthology of German Expressionism*. Doubleday Anchor.
- Stanislavsky, C. *An Actor Prepares*. Penguin.
- Stanislavsky, C. *Building a Character*. University Paperback.
- Strindberg, A. *Inferno*. Hutchinson.
- Strindberg, A. *A Madman's Defense*. Doubleday Anchor.
- Styan, J. L. *Dramatic Experience*. C.U.P.
- Styan, J. L. *Elements of Drama*.
- Tillyard, E. M. W. *The Elizabethan World Picture*. Chatto & Windus.
- Valency, M. *The Breaking String*. O.U.P.
- Valency, M. *The Flower and The Castle*. Macmillan.
- Willett, J. *The Theatre of Bertolt Brecht*. Methuen.
- Willett, J. *Brecht on Theatre*. Methuen.

57.212 DRAMA II

History of the theatre arts in relation to dramatic structure with emphasis on the actor, theatre form and design, and the rise of the director. Selected plays are studied in the context of theatre documents.

TEXTBOOKS

- Barnet, S., Bermann, M. & Burto, W. eds. *The Genius of the Later English Theatre*. Mentor.
- Bentley, E. ed. *The Classic Theatre*. Vols. 1-3. Doubleday Anchor.
- Bentley, E. ed. *The Theory of the Modern Stage*. Pelican.
- Hodgson, J. & Richards, E. *Improvisation*. Methuen.
- Nagler, A. M. *A Sourcebook In Theatrical History*. Rev. ed. Dover.
- New American Drama*. Penguin.
- Pinter, H. *A Slight Ache and Other Plays*. Methuen.
- Plautus. Watling, E. F. tr. *The Rope and Other Plays*. Penguin.
- Roche, P. tr. *The Orestes Plays of Aeschylus*. Mentor.
- Schell, E. T. & Shuchter, J. D. eds. *English Morality Plays and Moral Interludes*. Rinehart.
- Shakespeare, W. *Selected Plays*.

REFERENCE BOOKS

- Arnott, P. *Introduction to the Greek Theatre*. Macmillan.
- Artaud, A. *The Theatre and Its Double*. Grove Press.
- Beckerman, B. *Shakespeare At The Globe*. Macmillan.
- Berne, E. *Games People Play*. Penguin.

- Broadbent, R. J. *A History of Pantomime*. New York Citadel Press.
- Brook, P. *The Empty Space*. MacGibbon & Kee.
- Bruford, W. H. *Theatre, Drama and Audience in Goethe's Germany*. Routledge.
- Brustein, R. *The Theatre of Revolt*. Little, Brown & Co.
- Chambers, E. K. *The Mediaeval Stage*. O.U.P.
- Chambers, E. K. *The Elizabethan Stage*. O.U.P.
- Coger, L. I. & White, M. *Readers' Theatre Handbook*. Scott, Foresman & Co., 1965.
- Cole, T. ed. *Playwrights on Playwriting*. Hill & Wang.
- Cole, T. ed. *Actors on Acting*. Crown.
- Cole, T. ed. *Directors on Directing*. Bobbs-Merrill.
- Courtney, R. *Play, Drama and Thought*. Cassell, London.
- Courtney, R. *Teaching Drama*. Cassell, London.
- Craig, E. G. *On The Art of Theatre*. London.
- Dobree, B. *Restoration Comedy*. O.U.P.
- Dobree, B. *Restoration Tragedy*. O.U.P.
- Duchartre, L. *The Italian Comedy*. Dover.
- Duerr, E. *The Length and Depth of Acting*. Holt, Rinehart & Winston.
- Franklin, M. A. *A Rehearsal: Principles & Practice of Acting for the Stage*. Methuen.
- Gassner, J. *Producing the Play*. Holt, Rinehart & Winston.
- Gassner, J. *Directions in Modern Theatre and Drama*. Holt, Rinehart & Winston.
- Grotowski, J. *Towards A Poor Theatre*. Methuen.
- Kahan, S. *An Actor's Workshop*. Hardcourt.
- Laver, J. *Drama, Its Costume and Decor*. London U.P.
- Lea, K. *Italian Popular Comedy*. Russell & Russell.
- Leach, R. *Theatre for Youth*. Pergamon.
- Nicoll, A. *The Development of the Theatre*. Harrap.
- Pemberton-Billing, R. & Clegg, J. D. *Teaching Drama*. London U.P.
- Roose-Evans, J. *Experimental Theatre from Stanislavsky to Today*. Studio Vista.
- Satin, J. *Reading Drama*. Houghton-Mifflin.
- Seldon, S. *The Stage in Action*. Southern Illinois U.P.
- Southern, R. *Changeable Scenery*. Faber.
- Southern, R. *The Seven Stages of the Theatre*. Faber.
- Southern, R. *The Victorian Theatre: A Pictorial Survey*. David & Charles.
- Stanislavsky, C. *On The Art of the Stage*. London.
- Webster, T. B. L. *Greek Theatre Production*. Methuen.
- Wildeblood, J. & Brinson, P. *The Polite World*. O.U.P.
- Willet, J. *The Theatre of Bertolt Brecht*. Methuen.

57.222 Drama II (Honours)

As for the Drama II pass course, together with an intensive study of selected theories of dramatic construction.

TEXTBOOKS

- Artaud, A. *The Theatre and Its Double*. Grove U.P.
- Beckerman, B. *Dynamics of Drama*. Columbia U.P.
- Brecht, B. *The Messingkauf Dialogues*. Methuen.
- Brook, P. *The Empty Space*. MacGibbon & Kee.
- Cole, T. ed. *Playwrights on Playwriting*. Hill & Wang.

REFERENCE BOOKS

- Clark, B. ed. *European Theories of the Drama*. Crown.
- Dean, A. *Fundamentals of Play Directing*. McGraw-Hill.
- Grebanier, B. *Playwriting*. Thomas Y. Crowell Co.
- Lawson, J. H. *Theory and Technique of Playwriting*. Hill & Wang.

Smiley, S. *Playwriting: The Structure of Action*. Prentice-Hall.
 Spolin, V. *Improvisation for the Theatre*. Northwestern U.P.
 Stanislavsky, C. *Building a Character*. Theatre Arts Books, N.Y.
 Wager, W. ed. *The Playwright Speaks*. Longmans.
 Willett, J. *Brecht on Theatre*. Methuen.

57.213 Drama IIIA

Aspects of dramatic form: tragedy, melodrama, comedy, farce. Major plays are examined in the light of dramatic theory.

Plays for study in 1972 may include Aeschylus *Oresteia*; Sophocles *Antigone*; Euripides *Electra*, *Medea*; Aristophanes *The Wasps*; Plautus *The Menaechmi*; Shakespeare *Coriolanus*, *Anthony and Cleopatra*, *Midsummer Night's Dream*, *Twelfth Night*, *Measure for Measure*; Jonson *The Alchemist*; Lope de Vega *Fuente Ovejuna*; Tirso de Molina *The Trickster of Seville*; Calderon *Life is a Dream*; Lorca *Blood Wedding*; Goldoni *The Servant of Two Masters*; Corneille *Le Cid*; Racine *Britannicus*; Molière *The Misanthrope*; Dryden *All for Love*; Otway *Venice Preserved*; Congreve *The Way of the World*; Sheridan *The School for Scandal*; Marivaux *The False Confessions*; Beaumarchais *The Barber of Seville*; Goethe *Egmont*; Schiller *Maria Stuart*; Kleist *The Prince of Homburg*; Hazlewood *Lady Audley's Secret*; Lewis *The Bells*; Feydeau *Hotel Paradiso*; Gogol *The Inspector General*; Shaw *Arms and the Man*; Wilde *The Importance of Being Earnest*; Coward *Private Lives*; Chekhov *The Cherry Orchard*; Ibsen *The Wild Duck*, *Rosmersholm*, *The Master Builder*; Strindberg *The Father*, *Playing with Fire*; Brecht *The Caucasian Chalk Circle*, *Mother Courage*; O'Neill *Mourning Becomes Electra*; Ionesco *The Bald Primadonna*; Beckett *Waiting for Godot*; Duerrenmatt *The Visit*.

REFERENCE BOOKS

Bentley, E. *The Life of the Drama*. Methuen.
 Bradley, A. C. *Shakespearean Tragedy*. Macmillan.
 Brooks, C. *Tragic Themes in Western Literature*. Yale U.P.
 Clark, B. *European Theories of Drama*. Crown.
 Corrigan, R. W. *Comedy: Meaning & Form*. Chandler.
 Ellis-Fermor, U. M. *The Frontiers of Drama*. Methuen.
 Fergusson, F. *The Idea of a Theatre*. Doubleday Anchor.
 Guthke, K. S. *Modern Tragicomedy*. Random House.
 Hartnoll, P. *A Concise History of the Theatre*. Thames & Hudson.
 Heilman, R. B. *Tragedy and Melodrama, Versions of Experience*. Wash. U.P.
 Kitto, H. D. F. *Form and Meaning in Drama*. Methuen.
 Lauter, P. ed. *Theories of Comedy*. Doubleday Anchor.
 Lucas, F. L. *Tragedy*. Macmillan.
 Nicoll, A. *An Introduction to Dramatic Theory*. Harrap.
 Nietzsche, F. *The Birth of Tragedy*. Foulis.
 Steiner, G. *The Death of Tragedy*. Faber.
 Styron, J. L. *The Dark Comedy*. C.U.P.
 Sypher, W. ed. *Comedy*. Doubleday Anchor.

57.223 Drama IIIA (Honours)

As for the pass course, together with a seminar course of special studies in selected comic and tragic dramatists and a related practical study of problems of dramatic style.

TEXTBOOKS

The following dramatists will be studied: Euripides, Aristophanes, Plautus, Webster, Racine, Molière, Lee, Fielding, Schiller, Dumas Fils, Feydeau, Boucicault, Shaw.

REFERENCE BOOKS

- Corrigan, R. W. *Tragedy: Vision and Form*. Chandler.
 Frye, N. *Anatomy of Criticism*. Princeton U.P.
 Frye, N. *A Natural Perspective*. Columbia U.P.
 Potts, L. J. *Aristotle on The Art of Fiction*. C.U.P.

57.233 Drama IIIB

Available to Honours students only, who select **one** of the following courses:

1. Drama and theatre of the twentieth century. Developments are studied in realism, expressionism, poetic drama, and in contemporary styles.

TEXTBOOKS

Plays by the following authors and by others may be chosen; most are available in paperback editions:

Albee, Anouilh, Arden, Beckett, Camus, De Ghelderode, Durrenmatt, Eliot, Frisch, Genet, Giradoux, Hasenclever, Kaiser, Lorca, Lowell, Miller, O'Casey, Osborne, Pinter, Pirandello, Shaw, Stoppard, Toller, van Itallie, Williams.

REFERENCE BOOKS

- Appia, A. *Music and the Art of the Theatre*. University of Miami.
 Artaud, A. *The Theatre and Its Double*. Grove.
Aspects of the Drama and Theatre. Sydney U.P.
 Barrett, W. *Irrational Man*. Doubleday Anchor.
 Bentley, E. *Bernard Shaw*. University Paperback.
 Bentley, E. *In Search of Theatre*. Knopf.
 Bentley, E. *The Art of the Drama*. Athenaeum.
 Bentley, E. ed. *The Theory of the Modern Stage*. Pelican.
 Brecht, B. Willett, J. tr. *Brecht on Theatre*. Methuen.
 Brecht, B. *Messingkauf Dialogues*. Methuen.
 Bree, G. ed. *Camus*. Prentice-Hall.
 Brook, P. *The Empty Space*. Athenaeum.
 Brustein, R. *The Theatre of Revolt*. Little, Brown & Co.
 Calderwood, J. & Toliver, H. *Perspectives on Drama*. O.U.P.
 Cambon, G. ed. *Pirandello*. Prentice-Hall.
 Cole, T. ed. *Playwrights on Playwriting*. Hill & Wang.
 Craig, G. *The Art of the Theatre*. Mercury.
 Duran, M. ed. *Lorca*. Prentice-Hall.
 Eliot, T. S. *Poetry and Drama*. Harvard U.P.
 Ellis-Fermor, U. *The Irish Dramatic Movement*. Methuen University Paperback.
 Esslin, M. ed. *Beckett*. Prentice-Hall.
 Esslin, M. *Brecht, The Man and His Work*. Doubleday Anchor.
 Esslin, M. *The Theatre of the Absurd*. Rev. ed. Penguin.
 Fergusson, F. *The Human Image in Dramatic Literature*. Doubleday Anchor.
 Fergusson, F. *The Idea of a Theatre*. Doubleday Anchor.
 Gascoigne, B. *Twentieth-Century Drama*. Hutchinson.
 Gassner, J. *The Theatre of Our Time*. Crown.
 Grotowski, J. *Towards a Poor Theatre*. Methuen.
 Grossvogel, D. *Twentieth Century French Drama*. Columbia U.P.
 Jackson, E. *The Broken World of Tennessee Williams*. Wisconsin U.P.
 Kaufmann, W. ed. *Existentialism from Dostoevsky to Sartre*. Meridian.
 Kern, E. ed. *Sartre*. Prentice-Hall.
 Peacock, R. *The Poet in the Theatre*. Harcourt, Brace & World.
 Sellin, E. *The Dramatic Concepts of Antonin Artaud*. University of Chicago.
 Slonim, M. *Russian Theatre*. World.
 Valency, M. *The Flower and the Castle*. Macmillan.

Weideli, W. *The Art of Bertolt Brecht*. N.Y.U.P.

Willett, J. *The Theatre of Bertolt Brecht*. Methuen University Paperback.

Williams, R. *Drama from Ibsen to Eliot*. Peregrine.

2. A study of films by selected directors, with regard to communication through film, problems of authorship in the cinema, and contemporary developments in narrative cinema.

TEXTBOOKS

Stephenson, R. & Debrix, J. R. *The Cinema as Art*. Penguin.

Montague, I. *Film World*. Penguin.

Lindgren, E. *The Art of the Film*. Allen & Unwin.

REFERENCE BOOKS

Bazin, A. Gray, H. tr. *What is Cinema?* Univ. of California Press.

Eisenstein, S. *Film Form and Film Sense*. Meridian Books.

Graham, P. ed. *The New Wave*. Secker & Warburg.

Powdermaker, H. *Hollywood The Dream Factory*. Secker & Warburg.

Thomson, D. *Movie Man*. Secker & Warburg.

Wollen, P. *Signs and Meaning in the Cinema*. Secker & Warburg.

57.243 Drama IIIB (Honours)

Theories of dramatic criticism and the history of theatre criticism. The course includes a study of critical writing on the theatre with emphasis on Lessing, Hazlitt, Lewes, Shaw and the practice of theatre criticism in the twentieth century. Texts will be specified.

REFERENCE BOOKS

Beckerman, B. *Dynamics of Drama*. Columbia U.P.

Bentley, E. *The Life of the Drama*. Methuen.

Saint-Denis, M. *Theatre: The Rediscovery of Style*. Heinemann.

Scott, W. *Five Approaches of Literary Criticism*. Collier-Macmillan.

Styan, J. L. *The Elements of Drama*. C.U.P.

57.224 Drama IV (Honours)

The study of theatre scholarship, and individual research under supervision on two themes largely of the student's own choice. A short thesis must be presented at the end of the year.

ECONOMIC HISTORY

15.331 Economic History I—The Economic Development of Modern Europe

The economic history and development of Europe from the Middle Ages to the 20th century, with special reference to the different historical experience of economic development of Britain, France, Germany and Russia. Population growth, agricultural change, foreign trade and the process of industrialization are considered in relation to their contribution to European economic development. A comparison of the institutional framework of economic growth and the social consequences of economic change in each country.

PRELIMINARY READING

*Hobsbawm, E. *The Age of Revolution*. Mentor.

*Hohenberg, P. *A Primer on the Economic History of Europe*. Random House.

*Parry, J. H. *The Age of Reconnaissance*. Mentor.

TEXTBOOKS

*Cipolla, C. H. ed. *The Fontana Economic History of Europe*. Vols. I, II, III & IV.

*Kemp, T. *Industrialisation in 19th Century Europe*. Longmans.

Mathias, P. *The First Industrial Nation*. Methuen.

REFERENCE BOOKS

Bath, B. H. S. van. *The Agrarian History of Western Europe, 500-1850*. Edward Arnold.

Blackwell, W. L. *The Beginnings of Russian Industrialization, 1800-1860*. Princeton U.P., 1968.

Blum, J. *Lord and Peasant in Russia*. Atheneum, N.Y., 1964.

Cambridge Economic History of Europe. Vols. V & VI. C.U.P.

Cameron, R. *France and the Economic Development of Europe*. 2nd ed. Princeton U.P., 1967.

Clapham, J. H. *Economic Development of France and Germany, 1815-1914*. C.U.P.

Crouzet, F. et al. *Essays in European Economic History, 1789-1914*. Edward Arnold, 1969.

Deane, P. *The First Industrial Revolution*. C.U.P., 1965.

Dobb, M. *Studies in the Development of Capitalism*. Routledge, 1963.

Dobb, M. *Soviet Economic Development since 1917*. Rev. ed. International Publishers, N.Y., 1967.

Dunham, A. L. *The Industrial Revolution in France, 1815-1848*. Exposition Press, N.Y., 1955.

Henderson, W. O. *The State and the Industrial Revolution in Prussia*. Liverpool U.P., 1958.

Henderson, W. O. *The Industrial Revolution on the Continent*. F. Cass, 1961.

*Landes, D. *The Unbound Prometheus*. C.U.P.

Lewis, W. A. *Economic Survey, 1919-1939*. Allen & Unwin, 1949.

Lyaschchenko, P. I. *History of the National Economy of Russia*. Macmillan, N.Y., 1949.

Pollard, S. & Holmes, C. *The Process of Industrialisation, 1750-1870*. Edward Arnold, 1968.

Rostow, W. W. ed. *The Economics of Take-off into Sustained Growth*. Macmillan, 1963.

Stolper, G. et al. *The German Economy: 1870 to the Present Day*. Weidenfeld & Nicolson, 1967.

*Paperback

15.332 Economic History II—Australian Economic History

Economic development and its social consequences in Australia up to the present time. The labour supply, rural and urban industries, communications, external trade and foreign investment, the role of governments, fluctuations in activity and changing living standards in town and countryside. Comparisons with similar economies elsewhere.

PRELIMINARY READING

*Blainey, G. *The Tyranny of Distance*. Sun.

*Clark, C. M. H. *A Short History of Australia*. Mentor.

TEXTBOOKS

*Abbott, G. J. & Nairn, N. B. *Economic Growth of Australia, 1788-1821*. Melbourne U.P.

Boehm, E. A. *Twentieth Century Economic Development in Australia*. Longmans.

Butlin, N. *Investment in Australian Economic Development, 1861-1900*. C.U.P.

Butlin, S. J. *Foundations of the Australian Monetary System, 1788-1851*. C.U.P.

*Fitzpatrick, B. *The British Empire in Australia, 1834-1938*. Macmillan.

*Roberts, S. H. *History of Australian Land Settlement*. Macmillan.

REFERENCE BOOKS

Barnard, A. *Visions and Profits: Studies in the Business Career of T. S. Mort*. M.U.P.-A.N.U.

*Blainey, G. *The Rush That Never Ended*. M.U.P.

Butlin, N. G. *Australian Domestic Product, Investment and Foreign Borrowing, 1861-1938/39*. C.U.P.

*Coghlan, T. A. *Labour and Industry in Australia*. 4 vols. Macmillan.

Dunsdorfs, E. *The Australian Wheat Growing Industry, 1788-1948*. M.U.P.

Forster, C. *Industrial Development in Australia, 1920-30*. A.N.U.

Hall, A. R. *The London Capital Market and Australia, 1870-1914*. A.N.U.

Hartwell, R. M. *The Economic Development of Van Diemen's Land, 1820-1850*. M.U.P.

Madgwick, R. B. *Immigration into Eastern Australia, 1788-1851*. Longmans.

Perry, T. M. *Australia's First Frontier*. M.U.P.

Report of the *Committee of Economic Enquiry*. Vol. I. Commonwealth Government Printer, 1965.

Robson, L. L. *The Convict Settlers of Australia*. M.U.P.

Steven, M. *Merchant Campbell, 1769-1846*. A.N.U.-O.U.P.

Articles in the *Australian Economic History Review*, *Historical Studies and Economic Record*. Biographies in the multi-volume *Australian Dictionary of National Biography*. M.U.P.

15.333 Economic History III

Two of the following options†:

Economic History of the U.S.A. The first half of the course is concerned with the development of a colonial economy and the acceleration of growth in the United States up to the Civil War. The second half covers agricultural and industrial changes since 1865 with particular reference to agrarian discontent, immigration, problems of monopoly and the New Deal.

*Paperback

†Not all options will necessarily be offered. Students who have not taken the course on Australian Economic History must take 15.332 as one of their options for Economic History III.

PRELIMINARY READING

North, D. C. *Growth and Welfare in the American Past*. Prentice-Hall. 1966.

TEXTBOOKS

Bruchey, S. *The Roots of American Economic Growth, 1607-1861*. Harper & Row, 1965.

Cochran, T. C. & Brewer, T. B. eds. *Views of American Economic Growth*. 2 vols. McGraw-Hill, 1966.

Harris, S. E. ed. *American Economic History*. McGraw-Hill, 1961.

North, D. C. *The Economic Growth of the United States, 1790-1860*. Prentice-Hall, 1961.

Indian Economic History. A study of change and stagnation in the Indian economy from the mid-18th century to the end of British rule in 1948.

Texts and References available on application.

Economic and Social Change in Nineteenth-Century Britain. An advanced course on the development of the British economy between circa 1780 and 1914 with an analysis of concurrent social changes in both town and countryside.

PRELIMINARY READING

Court, W. H. B. *A Concise Economic History of Britain from 1750 to Recent Times*. C.U.P., 1954.

TEXTBOOKS

Ashworth, W. *An Economic History of England, 1870-1939*. Methuen, 1960.

Checkland, S. G. *The Rise of Industrial Society in England, 1815-1885*.

Court, W. H. B. *British Economic History, 1870-1914, Commentary and Documents*. C.U.P., 1965.

Deane, P. & Cole, W. A. *British Economic Growth, 1688-1959*. C.U.P., 1962.

Harrison, J. F. C. *The Early Victorians, 1832-51*. Weidenfeld & Nicolson, 1971.

Webb, R. K. *Modern England: From the 18th Century to the Present*. Dodd, Mead, 1969.

15.342 Economic History II (Honours)

As for 15.332 Economic History II with additional work.

15.343 Economic History III (Honours)

As for 15.333 Economic History III with additional work.

ECONOMICS

15.101 Economics I

A foundation course in economic analysis—that is, the basic principles, techniques and methodology of economics. Economic theory: how theory can be used to explain, understand and predict economic phenomena in the real world. The Australian economic system: the determination of prices and output of goods and services under various market situations, the labour market and the determination of wages, the determination of the aggregate level of output (gross national product), aggregate employment and the general level of prices, the role of money and the banking system.

In the first session the class is divided into two groups. In Group A, which attends three lectures and one tutorial a week, no previous knowledge of economics will be assumed. In the first session this group will cover the syllabus in microeconomics plus an introduction to macroeconomics. Any student enrolled in Economics I may enter Group A. In Group B, which attends two lectures and one tutorial a week, a previous knowledge of economics is assumed. Material is presented at a faster rate, it is assumed that students do not need the introductory work on macroeconomics, and there is a more extensive treatment of microeconomics, including applications to contemporary problems. The minimum qualification for entry into Group B is a pass at second level or better in Economics in the Higher School Certificate, but students who have passed at this level with no margin to spare would be more at home in Group A. Students are advised, when enrolling, which group is appropriate for them.

PRELIMINARY READING

Robinson, M. A., Morton, H. C., Calderwood, J. D. & Lamberton, D. M.
An Introduction to Economic Reasoning. Tudor, 1969.

TEXTBOOKS

Australian National Accounts. 1971 ed.

Lipsey, R. G. *An Introduction to Positive Economics*, 2nd ed. Weidenfeld & Nicolson, 1966.

Mansfield, E. *Microeconomics*. Norton, 1970.

Rowan, D. C. *Output Inflation and Growth*. Macmillan, 1968.

Samuelson, P. A., Hancock, K. & Wallace, R. *Economics*. Australian ed. McGraw-Hill, 1970.

Stillwell, J. A. & Lipsey, R. G. *Workbook to Accompany an Introduction to Positive Economics*. Weidenfeld & Nicolson, 1967.

15.151 Economics IT (Arts)

During the first session students attend three lectures weekly along with Group A of Economics I, but two separate lectures are provided in the second session. The subject is more suited than Economics I to the needs of those who wish to study economics for one year only. However, students passing Economics IT must achieve Credit standard or better to be eligible to enrol in Economics II. As in the case for all Arts students, they must also have passed the Higher School Certificate examination in Mathematics Short Course at Level 2, or hold an equivalent or better qualification, before they can enrol in Economics II.

PRELIMINARY READING

Robinson, M. A., Morton, H. C., Calderwood, J. D. & Lamberton, D. M.
An Introduction to Economic Reasoning. Tudor, 1969.

TEXTBOOKS

Lipsey, R. G. *An Introduction to Positive Economics*. 3rd ed. Weidenfeld & Nicolson, 1971.

- Robinson, R., Hughes, D. B. & Hayles, J. W. *Study Guide and Workbook to Accompany Economics: An Introductory Analysis*. Australian ed. McGraw-Hill, 1970.
- Samuelson, P. A., Hancock, K. J. & Wallace, R. H. *Economics: An Introductory Analysis*. Australian ed. McGraw-Hill, 1970.
- Stilwell, J. A. & Lipsey, R. G. *Workbook to Accompany an Introduction to Positive Economics*. 2nd ed. Weidenfeld & Nicolson, 1971.

15.102 Economics II

An extension in depth and application of the economic analysis developed in Economics I. Macroeconomics: fluctuations in national income and employment, economic growth, inflation, monetary theory and policy, fiscal policy and incomes policy. Microeconomics: theoretical and applied aspects of consumer behaviour, demand, production and cost, behaviour of firms, market structures, profits, technological change and investment decisions. Some aspects of welfare economics, including public control of industry and analysis of some contemporary economic problems.

TEXTBOOKS

- Chamberlain, N. ed. *Contemporary Economic Issues*. Irwin, 1970.
- Mansfield, E. *Microeconomics*. Norton, 1970.
- Nevile, J. W. *Fiscal Policy in Australia*. Cheshire, 1970.
- Nevile, J. W. & Stammer, D. W. eds. *Inflation and Unemployment*. Pelican, 1971.
- Rowan, O. C. *Output Inflation and Growth*. Macmillan, 1968.
- Runcie, N. *Economics of Instalment Credit*. Univ. of London Pub., 1969.
- Runcie, N. ed. *Australian Monetary and Fiscal Policy*. Univ. of London Pub., Sydney, 1971.
- Spencer, M. H. *Managerial Economics*. 3rd ed. Irwin, 1968.

15.112 Economics II (Honours)

The content of this subject includes that of 15.102 Economics II but will involve additional and more advanced work in micro- and macro-economic analysis.

TEXTBOOKS

- Ackley, G. *Macroeconomic Theory*. Collier-Macmillan. 1961, or student ed., 1967.
- Breit, W. & Hochman, H. M. eds. *Readings in Microeconomics*. Holt, Rinehart & Winston, 1968.
- Ferguson, C. E. *Microeconomics Theory*. Rev. ed. Irwin, 1969.
- Nevile, J. W. *Fiscal Policy in Australia*. Cheshire, 1970.
- Nevile, J. W. & Stammer, D. W. eds. *Inflation and Unemployment*. Pelican, 1971.
- Runcie, N. *Economics of Instalment Credit*. Univ. of London Pub., 1969.
- Runcie, N. ed. *Australian Monetary and Fiscal Policy*. Univ. of London Pub., Sydney, 1971.

15.133 Economics IIIA

Consists of two parts. The first part is compulsory and corresponds to 15.103 Economics III in the Faculty of Commerce.

Theory and empirical evidence relating to international trade and investment, and the balance of international payments. Particular attention will be given to international aspects of importance to Australia, including external balance, the international monetary system, the Australian tariff system, foreign investment and the multinational corporation, aspects of

economic development and international trade and investment, multilateral and regional approaches to the expansion of international trade.

Part 1

TEXTBOOKS

- Bhagwati, J. ed. *International Trade: Selected Readings*. Penguin, 1969.
 Cooper, R. N. ed. *International Finance: Selected Readings*. Penguin, 1969.
 McColl, G. D. ed. *Overseas Trade and Investment*. Pelican, 1971.
 Meier, G. M. *The International Economics of Development: Theory and Policy*. Harper & Row, 1968.

Part 2

For the second part students must choose *one* of the following seven options:

- 1 History of Economic Thought; 2 Comparative Economic Systems;
 3 Public Finance and Financial Policy; 4 Economic Development;
 5 Economics of Industry and Labour; 6 International Economics; 7 Mathematical Economics.

These options correspond to the subjects 15.213, 15.223, 15.233, 15.243, 15.253, 15.263 and 15.443 in the Faculty of Commerce.

Option 1: History of Economic Thought

The development of economic ideas from the mid-eighteenth to the twentieth century. The origin and evolution of modern economic analysis. The part played by the social and philosophical ideas in the formation of economic thought. The influence of economic events on the development of economic ideas and *vice versa*.

PRELIMINARY READING

- Gill, R. T. *Evolution of Modern Economics*. Prentice-Hall, 1967.
 Redford, A. *The Economic History of England, 1760-1860*. Longmans, 1962.
 Robinson, J. *Economic Philosophy*. Pelican, 1963.

TEXTBOOKS

- Newman, P. C., Grayer, A. D. & Spencer, M. H. eds. *Source Readings in Economic Thought*. Norton, 1954.
 Rima, I. H. *Development of Economic Analysis*. Irwin, 1967.

Option 2: Comparative Economic Systems

Analysis of different economic systems and the way in which the basic economic problems are solved. Efficiency of resources allocation in different economies. The economic systems of U.S.S.R., Japan and Yugoslavia. The extent to which institutional and historical differences affect the process of national decision making, the choice of overall objectives, the instruments of policy and the nature of economic planning.

TEXTBOOKS

- Baran, P. A. & Sweezy, P. M. *Monopoly Capital*. Pelican, 1968.
 Galbraith, J. K. *The New Industrial State*. Penguin, 1969.
 Halm, N. H. *Economic Systems: A Comparative Analysis*. 3rd ed. Holt, Rinehart & Winston, 1968.
 Wilczynski, J. *The Economics of Socialism*. Allen & Unwin, 1970.

Option 3: Public Finance and Financial Policy

The economics of both the government sector and the finance sector, with special reference to Australia. Half the course deals with public finance: the actual and optimal role of government in the economy; economic and welfare effects of different types of taxes; public debt; use of fiscal policy for stabilization; federalism and centralism. The other half deals with advanced monetary theory and policy, and the development of selected financial institutions: the economics of banking and non-banking financial intermediaries; the capital market and the role of financial intermediaries in saving and investment; flow-of-funds accounts: financial intermediaries and monetary policy.

PRELIMINARY READING

Eckstein, O. *Public Finance*. 2nd ed. Prentice-Hall, 1967.

TEXTBOOKS

- Dixon, J. *The Public Sector*. Readings in Aust. Ec. Policy. Pelican, 1971.
 Houghton, R. W. ed. *Public Finance*. Modern Economics Readings. Penguin, 1970.
 Mitra, S. ed. *Money and Banking Theory, Analysis and Policy*. Random House, 1970.
 Runcie, N. ed. *Australian Monetary and Fiscal Policy*. University of London Pub., Sydney, 1971.

Option 4: Economic Development

The gap between the welfare of the developed and of the poorer or underdeveloped nations. Earlier theories of development as a basis for a better appreciation of the various economic and non-economic theories of under-development, such as social and technological dualism, balanced and unbalanced growth. The influence of international trade on potential economic development. The general principles of development planning. techniques in planning models and their application in particular countries.

TEXTBOOKS

- Higgins, B. *Economic Development*. 3rd ed. Constable, London, 1968.
 Lewis, W. A. *Development Planning*. Harper & Row, N.Y., 1966.
 Meier, G. M. *The International Economics of Development*. Harper & Row, 1968.

*Option 5: Economics of Industry and Labour**

Theoretical aspects of industry and labour and applications to the Australian situation. One session—the labour market: supply of and demand for labour; work force structure, technological change; education: wage theory and wage systems, with particular reference to Australia. The other session examines the impact of technological change on the structure and growth of firms: Government influence on the structure of industry (for example, by control over mergers and restrictive trade practices, the limitation of capital inflow and the planning of social costs and benefits) leading to an evaluation of planning for development.

TEXTBOOKS

- Horn, R. V. *Labour Economics for Australia*. Cheshire, 1968.
 Isaac, J. E. & Ford, G. W. eds. *Australian Labour Economics: Readings*. 2nd ed. Sun, 1971.
 Reynolds, L. G. *Labour Economics & Labour Relations*. 6th ed. Prentice-Hall, 1970.

*May not be offered in 1972.

*Option 6: International Economics***

Economic theory relating to international trade and investment, the balance of international payments and policies directed towards achieving external balance, the efficient allocation of resources, and other aims. Developments in international trade, investment and aid, including empirical tests of theories and trends in the Australian balance of payments. Contemporary problems analysed—proposed reforms to the international monetary system, the desirability of forming regional trading blocs, and other policies relevant to the current problems confronting Australia and the less developed countries.

TEXTBOOKS

- Bhagwati, J. ed. *International Trade: Selected Readings*. Penguin, 1969.
 Cooper, R. N. ed. *International Finance: Selected Readings*. Penguin, 1969.
 Heller, H. R. *International Trade: Theory and Empirical Evidence*. Prentice-Hall, 1968.
 Meade, J. E. *A Geometry of International Trade*. Allen & Unwin, 1952.
 Meier, G. M. *The International Economics of Development: Theory and Policy*. Harper & Row, 1968.
 Weckstein, R. S. ed. *Expansion of World Trade and the Growth of National Economics*. Harper & Row, 1968.

Option 7: Mathematical Economics

The use of mathematics in economic analysis. Various mathematical optimization techniques, including calculus and linear programming, together with the theory of linear equations and inequalities will be used to examine and relate various branches of economic theory, including the theory of consumer demand, the theory of the firm, market stability, inter-industry economics, economic growth and fluctuations, and macro-economic policy.

A list of recommended references is made available to enrolled students.

TEXTBOOKS

- Gass, S. I. *Linear Programming: Methods and Applications*. McGraw-Hill, 1969.
 Henderson, J. M. & Quandt, R. E. *Microeconomic Theory*. McGraw-Hill, 1958.

15.143 Economics IIIA (Honours) (Arts)

As for 15.133, plus further work in the compulsory section on economic policy. (For Honours students the compulsory section corresponds to 15.113 in the Faculty of Commerce.)

Part 1

TEXTBOOKS

- Bhagwati, J. ed. *International Trade: Selected Readings*. Penguin, 1969.
 Cooper, R. N. ed. *International Finance: Selected Readings*. Penguin, 1969.
 Heller, H. R. *International Trade: Theory and Empirical Evidence*. Prentice-Hall, 1968.
 McColl, G. D. ed. *Overseas Trade and Investment*. Pelican, 1971.
 Meade, J. E. *A Geometry of International Trade*. Allen & Unwin, 1952.
 Meier, G. M. *The International Economics of Development: Theory and Policy*. Harper & Row, 1968.

Part 2

For options see 15.133.

**Will not be offered in 1972.

15.153 Economics IIIB (Honours) (Arts)

This course is open to Honours students only. It includes quantitative methods and an additional option to be chosen from the list in 15.133.

Students are advised of text and reference books at the beginning of the year.

15.124 Economics IV (Honours)

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

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

ENGLISH

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

Students who wish to take a Special (Honours) degree in English are strongly advised to include in their programme courses in a foreign language and Philosophy.

It will be assumed that all students before beginning the course have read a standard history of English literature and are familiar with the main outlines of English history: and the right is reserved to examine on these.

50.111 English I

A course of 84 lectures plus tutorials.

- (A) Language and earlier Literature (28 lectures):
 - (i) The structure of Modern English;
 - (ii) The history of the English Language;
 - (iii) Selected works by Chaucer and Shakespeare.
- (B) An introduction to Twentieth Century Literature in English (56 lectures):
 - (i) drama;
 - (ii) the novel;
 - (iii) poetry.

TEXTBOOKS

- (A) LANGUAGE AND EARLIER LITERATURE
 - (i) Potter, S. *Language in the Modern World*. Pelican.
 - (ii) Alexander, H. *The Story of Our Language*. Rev. ed. Doubleday Anchor.
 - (iii) Chaucer. *The General Prologue*, ed. Davies. Harrap.
 - Chaucer. *The Wife of Bath's Prologue and Tale*, ed. Winny. C.U.P.
 - Shakespeare. *Much Ado About Nothing*, ed. Foakes. New Penguin. Shakespeare.
 - (B) TWENTIETH CENTURY LITERATURE
 - (i) **Drama**
 - Shaw. *Man and Superman*. Penguin.
 - Synge. Plays to be selected from *Plays, Poems and Prose*. Everyman.
 - O'Neill. *Long Day's Journey into Night*. Cape.
 - Eliot. *The Family Reunion*. Faber.
 - MacLeish. *J.B.* Sentry edition, Houghton.
 - Beckett. *Endgame*. Faber.
 - White. Plays to be selected from *Four Plays*. Sun Books.
 - Bond. *Saved*. Methuen.
 - (ii) **The Novel**
 - Conrad. *Heart of Darkness*.
 - Forster. *A Passage to India*.
 - Joyce. *A Portrait of the Artist as a Young Man*.
 - Lawrence, D. H. *The Rainbow*.
 - Faulkner. *The Sound and the Fury*.
 - Christina Stead. *The Man Who Loved Children*.
 - Bellow. *Herzog*.
- (Each of these in any unabridged edition.)

(iii) **Poetry**

Mack, M., et al., ed. *Modern Poetry*. 2nd ed. Prentice-Hall (for the study of, particularly, Hopkins, Yeats, Eliot, Frost and Auden).

50.121 English IT

A terminating, self-contained course for students who wish to include in their programme only one year's English. Students may not proceed from this course to English II unless in special circumstances and with the permission of the Head of School; and such permission will be dependent on a programme of vacation reading and an additional examination on it. A course of 84 lectures plus tutorials.

(A) Language (28 lectures):

- (i) the structure of Modern English;
- (ii) the history of the English Language;
- (iii) selected texts of Chaucer.

(B) Literature (56 lectures):

Texts chosen to illustrate the principal kinds, and development, in English literature of

- (i) novel;
- (ii) drama;
- (iii) poetry.

TEXTBOOKS(A) *Language*

- (i) Potter, S. *Language in the Modern World*. Pelican.
- (ii) Alexander, H. *The Story of Our Language*. Rev. ed. Doubleday Anchor.
- (iii) Chaucer. *The General Prologue*, ed. Davies. Harrap.
Chaucer. *The Wife of Bath's Prologue and Tale*, ed. Winny. C.U.P.

(B) *Literature*(i) **The Novel**

Smollett. *Humphry Clinket*.
Jane Austen. *Persuasion*.
Scott. *Redgauntlet*.
James. *What Maisie Knew*.
Furphy. *Such is Life*.
Fitzgerald. *Tender is the Night*.
Ellison. *The Invisible Man*.
(Each of these in any unabridged edition.)

(ii) **Drama**

— *Everyman*, ed. A. C. Cawley. Manchester U.P.
Marlowe. *Dr. Faustus*. (e.g., in *The Complete Plays*, Penguin).
Shakespeare. *Henry IV* (Part I); *The Tempest* (these in any good complete edition or in separate volumes of e.g., the New Arden or New Penguin Shakespeare).
Jonson. *Volpone*. (These three in Morrell, J. M. ed.: *Four English Comedies* [Penguin]).
Congreve. *The Way of the World*.
Goldsmith. *She Stoops to Conquer*.
Shaw. *Arms and the Man*. Penguin.
MacLeish. *J.B.* Sentry Edition. Houghton.
Beckett. *Endgame*. Faber.

(iii) **Poetry**

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

50.112 English II

A course of 84 lectures plus tutorials. Nineteenth Century Literature in English together with Shakespeare's History Plays.

PROSE

RECOMMENDED READING

Jane Austen. *Sense and Sensibility*; *Mansfield Park*; *Persuasion*.

Dickens. *Oliver Twist*; *Dombey and Son*.

Emily Bronte. *Wuthering Heights*.

Hawthorne. *The Scarlet Letter*.

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

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

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

POETRY

Blake, Wordsworth, Coleridge, Byron, Keats, Emily Bronte, Whitman, Tennyson, Browning.

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

DRAMA

Wilde, and selected plays by the major poets.

SHAKESPEARE

Richard III; *Richard II*; *Henry IV* (both parts); *Henry V* (these in any good complete edition, e.g. Alexander [Collins] or Sisson [Odhams], or in the separate volumes of, preferably, the New Arden [Methuen] or the New Penguin editions, or in the New Shakespeare [C.U.P.] or the Signet Classics).

50.122 English II (Honours)

1. The pass course, 50.112.
2. An introduction to Old and Middle English Language and Literature (28 hours).
3. A further study of Twentieth Century Literature in English (28 hours).

TEXTBOOKS

1. As for the pass course.
2. Sweet, H. *Anglo-Saxon Primer*. O.U.P.
Whitelock, D. ed. *Sweet's Anglo-Saxon Reader*. 15th ed., O.U.P.
Haskell, Ann S. ed. *A Middle English Anthology*. Doubleday Anchor.
3. Reading will be prescribed in the work of the following authors:
Yeats, (as playwright); Eliot (*Four Quartets*); Joyce; Faulkner; Patrick White; Arthur Miller; Wallace Stevens; Lowell; R. D. Fitzgerald.

English III

Students studying for a Special Honours Degree in English take both English IIIA Honours (course 50.123) and English IIIB Honours (course 50.143). Any student permitted to study for a combined Special Honours Degree including English would take English IIIA Honours (course 50.123).

Students studying for the Pass Degree take 50.113 only.

50.113 English IIIA

A course of 84 lectures plus tutorials on the poetry of Milton and Dryden and Eighteenth Century Literature, together with Shakespeare's Tragedies. The following authors will be studied:

Milton, Dryden; Pope; Gay; Swift; Defoe, Richardson, Fielding, Smollett, Sterne, Goldsmith; Johnson and Boswell; together with selected plays by Congreve, Vanbrugh, Farquhar, Goldsmith and Sheridan.

REFERENCE BOOK

Sutherland, J. *A Preface to Eighteenth-Century Poetry*. O.U.P.

No text books will be prescribed. Students are advised to purchase standard editions such as the Oxford Standard Authors, where available, or for Pope, *The Poems*, ed. Butt ("Twickenham" one-volume edition, Methuen); for Swift, *Gulliver's Travels and Other Writings*, ed. Quintana (Modern Library College Edition); for Gay, *The Beggar's Opera and Companion Pieces*, ed. C. F. Burgess (Appleton-Century-Crofts); and for the drama *Restoration Plays*, ed. Gosse (Everyman).

For Shakespeare (*Romeo and Juliet*; *King Lear*; *Hamlet*; *Timon of Athens*; *Antony and Cleopatra*; *Coriolanus*) students may use any good complete edition (e.g. those of Alexander [Collins] or Sisson [Odhams]) or the separate volumes of the New Arden [Methuen], the New Penguin, or the New Shakespeare [C.U.P.].

50.123 English IIIA (Honours)

- (i) the pass course, 50.113.
- (ii) an additional 28 hours; some main themes and forms in Middle English literature.

TEXTBOOKS

Chaucer. *The Works of Geoffrey Chaucer*, ed. F. N. Robinson, 2nd ed. Houghton Mifflin.

Haskell, Ann S. ed. *A Middle English Anthology*. Doubleday Anchor.

50.133 English IIIB

Available in 1971 to Honours students only. A course of 84 lectures or seminars on Elizabethan Literature:

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

50.143 English IIIB (Honours)

- (i) 50.133
- (ii) an additional 28 hours: a further study of Old English Literature.

TEXTBOOKS

Whitlock, D. ed. *Sweet's Anglo-Saxon Reader*. 15th ed. O.U.P.

50.114 English IV (Honours)

A course of approximately 160 hours of lectures and seminars on:

- (i) the materials and methods of literary scholarship.
- (ii) Seventeenth Century English Literature.

(a) *Drama*

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

(b) *Poetry*

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

(c) *Prose*

Selected prose by Bacon, Donne, Burton, Milton, Browne, Bunyan, Walton, Pepys and Evelyn; and selected works of prose-fiction.

FRENCH

Courses offered by the School are made up of studies in three areas:

1. The French language;
2. French literature and thought;
3. French civilization and society.

Some study of each is compulsory in all courses, so as to give students a balanced picture of the French contribution, both past and present, to world culture. The three areas are correlated as closely as possible in each year through the simultaneous study of the language, literature, intellectual and socio-political history of a given period. Classes are mainly of the tutorial type.

In the teaching of the language, an attempt is again made to integrate the various linguistic skills of understanding, speaking, reading and writing through correlated programmes involving oral practice in the language laboratory and later in discussion groups as well as written exercises. More advanced courses are also offered in theoretical aspects of language study.

In the sections of the syllabus devoted to literature, training is given from first year onwards in the techniques of literary analysis and criticism through the close study of individual texts, and is extended in the Honours courses into an investigation of more general methodological questions.

Students' attention is drawn throughout the course to the wealth of ideas to be found in French literature, and they are asked to express their opinions on the value of these ideas and their relevance to present-day problems. The French preoccupation with psychological analysis, moral and philosophical problems, and the exploration of human relationships, both personal and social, receives special attention. At the same time, important literary works are studied in depth, with a view to investigating purely aesthetic problems and the working of the creative imagination.

Advice to New Students

Entrance requirements: at least a Second Level pass in French in the New South Wales Higher School Certificate, or an equivalent pass in another Australian or foreign examination. This equivalence must be determined by the School before a student can be admitted.

Coding of Courses

To clarify the pattern of the courses, the following code has been used:

A refers to Session 1, and B to Session 2; 1 refers to the sections of a course devoted to language, 2 to those concerned with literature and thought, 3 to those concerned with civilization and society, and 4 to the electives.

56.111 French I

All work in this course is concerned with the modern period.

SESSION 1

A1. Language

An intensive series of integrated tutorials and language laboratory sessions, designed primarily to develop and consolidate fundamental skills in understanding, speaking and writing everyday modern French and made up of: (i) aural comprehension and phonetics (language laboratory); (ii) grammar tapes (language laboratory); (iii) written grammar.

TEXTBOOKS

- Carlut, C. & Meiden, W. *French for Oral and Written Review*. Holt, Rinehart & Winston.
 Carlut, C. & Meiden, W. *Pattern Practice Manual*. Holt, Rinehart & Winston.

REFERENCE BOOKS

- Strongly recommended for purchase if possible, especially in the case of students proceeding beyond French I.
Harrap's Standard French and English Dictionary. 2 vols. (or *Harrap's Shorter English-French Dictionary*. 1 vol.).
 Petit Larousse. *Dictionnaire encyclopédique pour tous*. Larousse, 1971.
 Robert, P. *Le Petit Robert. Dictionnaire alphabétique et analogique de la langue française*. Société du Nouveau Littre.

A2. *Literature and Thought*

- (i) An introduction to literary analysis; (ii) A study of two modern plays.

TEXTBOOKS

- For (ii) Ionesco, E. *Théâtre*. Vol. 1. Gallimard.
 Genet, J. *Les Bonnes*. L'Arbalète.

REFERENCE BOOK

- Camus, A. *Le mythe de Sisyphe*. Coll. "Idées". N.R.F.

SESSION 2

B1. *Language*

- An extension of work under Session 1, but reduced to: (i) aural comprehension and phonetics (language laboratory); (ii) an introduction to French composition.

TEXTBOOK

- For (i) Beaujour, M. & Regalado, N. *R.S.V.P. Invitation à écrire*. Harcourt, Brace & World, N.Y.

B2. *Literature and Thought*

- (i) A study of modern French poetry; (ii) a study of two modern novels.

TEXTBOOKS

- For (i) Boase, A. M. *The Poetry of France: from André Chénier to Pierre Emmanuel*. Methuen.
 For (ii) Sartre, J.-P. *L'âge de raison*. Livre de Poche.
 Butor, M. *La Modification*. Coll. "10/18". Editions de Minuit.

REFERENCE BOOK

- Robbe-Grillet, A. *Pour un nouveau roman*. Coll. "Idées". N.R.F.

B3. *Civilization and Society*

- Aspects of modern French society.

REFERENCE BOOKS

- Earle, E. M. ed. *Modern France: Problems of the Third & Fourth Republics*. Princeton U.P., 1951.
 Fourniss, E. *France, Troubled Ally*. Harper & Row, N.Y., 1960.
 Lueihy, H. *France Against Herself*. Praeger, N.Y., 1955.
 Werth, A. *The De Gaulle Revolution*. Robert Hale, London, 1960.
 Wylie, L. *A la Recherche de la France*. ed. du Seuil, 1963.

B4. *Electives*

- Electives in *Language* or *Literature and Thought* or *Civilization and Society* may be announced.

56.112 French II**SESSION 1****A1. Language**

More advanced language study with related oral work based on aspects of modern French life, and consisting of: (i) written grammar and syntax; (ii) oral — aural practice (language laboratory).

TEXTBOOK

Helbling, A. E. & Barnett, A. M. L. *L'Actualité française*. Holt, Rinehart & Winston.

REFERENCE BOOK

Mansion, J. E. *A Grammar of Present-Day French*. Harrap.

A2. Literature and Thought

A study of some aspects of seventeenth century literature and thought consisting of two topics chosen from: (i) Molière; (ii) Racine; (iii) Pascal and La Rochefoucauld.

TEXTBOOKS

For (i):

Molière, J. B. *Théâtre complet*. Tome I. Classiques Garnier.

For (ii):

Racine, J. *Théâtre complet*. Classiques Garnier.

For (iii):

Pascal, B. *Pensées*. Classiques Garnier.

La Rochefoucauld, duc de. *Maximes et Mémoires*. Coll. "10/18". Editions de Minuit.

REFERENCE BOOK

Bénichou, P. *Morales du Grand Siècle*. Coll. "Idées". N.R.F.

A3. Civilization and Society

A study of some aspects of French social and political life from 1630-1715.

REFERENCE BOOKS

Beloff, M. *The Age of Absolutism, 1660-1815*. Hutchinson, London, 1954.

Cobban, A. *A History of Modern France*. 2 vols. 1715-1799 and 1799-1871. Penguin, 1957.

Crouzet, M. *Histoire générale des civilisations. Le XVII^e, le XVIII^e et le XIX^e siècle*. Presses Universitaires de France, 1953-1961.

Duby, G. & Mandrou, R. *Histoire de la civilisation française*. Tome II. XVIII^e-XX^e siècles. Armand Colin, 1958.

Evans, D. O. *Social Romanticism in France, 1830-1848*. A.U.P., 1952.

Labrousse, C. E. *Le mouvement ouvrier et les théories sociales, 1815-1848*. C.O.U., Paris, 1954.

Lefebvre, G. *The Coming of the French Revolution*. Princeton U.P., 1954.

Lefebvre, G. *Etudes sur la Révolution française*. Presses Universitaires de France, 1963.

Martin, K. *French Liberal Thought in the Eighteenth Century*. Torch Book. Harper, N.Y. 1963.

A4. Electives

A language elective consisting of vocabulary enrichment exercises and oral practice may be taken instead of A2(i) or A2(ii) or A2(iii).

SESSION 2**B1. Language**

Continuation of A1.

B2 Literature and Thought

A study of some aspects of eighteenth and early nineteenth century literature and thought consisting of two topics chosen from (i) Montesquieu and Diderot; (ii) Rousseau and Nerval; (iii) Balzac and Stendhal.

TEXTBOOKS

For (i):

Montesquieu. *Lettres persanes*. Classiques Garnier.

Diderot, D. *Ecrits philosophiques*. J.-J. Pauvert.

For (ii):

Rousseau, J.-J. *Les Rêveries d'un promeneur solitaire*. Librairie Droz. Geneva.

Nerval, G. *Les Chimères*. Livre de Poche.

For (iii):

Balzac, H. *Le père Goriot*. Classiques Garnier.

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

B3. Civilization and Society

A study of some aspects of French social and political life from 1715 to 1848.

REFERENCE BOOKS

As for A3.

B4. Electives

A language elective on French composition may be taken instead of B2(i) or B2(ii) or B2(iii). Further electives may be announced.

TEXTBOOKS

For (ii):

Racine, J. *Théâtre complet*. Classiques Garnier.

For (iii):

Diderot, D. *Ecrits philosophiques*. J.-J. Pauvert.

Rousseau, J.-J. *Discours sur l'origine de l'inégalité*. Editions Sociales.

For (iv):

Nerval, G. *Les Filles du Feu*. (Suivi de: *Aurélia*) Livre de poche classique.

Musset, A de. *Comédie et Proverbes*. Vol. I. Classiques Garnier.

REFERENCE BOOKS

For (iii):

La Mettrie, J. de. *L'Homme machine*. J.-J. Pauvert.

D'Holbach, P.-H. *D'Holbach portatif*. J.-J. Pauvert.

For (v):

Charpier, J. et Seghers, P. *L'Art de la peinture*. Seghers.

Martin, H. *La grammaire des styles*. vols. 6-10. Flammarion.

Skira, A. *La peinture française. T.1 De Fouquet à Poussin; T.2 De Le Nain à Fragonard; T.3 Le dix-neuvième siècle*. Skira.

Skira, A. *Les grands siècles de la peinture. T.1 Le XVIIe siècle; T.2 Le XVIIIe siècle; T.3 Le XIXe siècle de Goya à Gauguin*. Skira.

Waleffe, P. *La vie des grands peintres français*. Ed. du Sud.

56.122 French II (Honours)

As for the French II Pass course, together with the following additional topics:

SESSION 1**A1. Language**

An introduction to French lexicography, together with an advanced study of grammar and syntax and an introduction to stylistic analysis.

TEXTBOOK

Légrand, E. *Méthode de stylistique française*. J. de Gigord.

REFERENCE BOOKS

Dubois, J. et al. *Dictionnaire du français contemporain*. Larousse, 1966.
(Recommended for purchase if possible.)

Matoré, G. *Histoire des dictionnaires français*. Larousse, 1968.

Wagner, R.-L. *Les Vocabulaires français I*. Didier, 1967.

A2. *Literature and Thought*

Aspects of the French novel before 1789.

TEXTBOOKS

Laclos, C. de *Les Liaisons dangereuses*. Livre de Poche.

Lafayette, Mme de. *La Princesse de Clèves*. Livre de poche.

REFERENCE BOOK

Goldman, L. *Pour une sociologie du roman*. Coll. "Idées". N.R.F.

SESSION 2

B1. *Language*

Continuation of A1.

B2. *Literature and Thought*

Aspects of the French novel from 1789 to 1848.

TEXTBOOKS

Constant, B. *Adolphe*. Livre de poche classique.

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

56.113 French IIIA: Modern France

SESSION 1

A1. *Language*

(i) prose translation; (ii) linguistic analysis of contemporary texts and oral practice.

TEXTBOOK

For (i):

Vinay, J.-P. et Darbelnet, J. *Stylistique comparée du français et de l'anglais. Cahier d'exercices No. 1*. Librairie Beauchemin.

REFERENCE BOOK

For (i):

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

A2. *Literature and Thought*

A study of some aspects of nineteenth and early twentieth century literature and thought consisting of two topics chosen from (i) Baudelaire and Rimbaud; (ii) Flaubert; (iii) Gide.

TEXTBOOKS

For (i):

Baudelaire, C. *Les Fleurs du Mal*. Classiques Garnier.

Rimbaud, A. *Œuvres*. Classiques Garnier.

For (ii):

Flaubert, G. *Madame Bovary*. Classiques Garnier.

Flaubert, G. *Trois Contes*. Classiques Garnier.

For (iii):

Gide, A. *L'Immoraliste*. Mercure de France.

Gide, A. *La Porte étroite*. Livre de Poche.

Gide, A. *Les Caves du Vatican*. Livre de Poche.

A3. *Civilization and Society*

A study of some aspects of contemporary French social and political life.

REFERENCE BOOKS

Bloch, M. *Strange Defeat*. Norton, N.Y., 1968.

Caute, D. *Communism and the French Intellectuals* (1914-1960). Andre Deutsch, London, 1964.

Duverger, A. *La démocratie sans le peuple*. Ed. du Seuil, 1967.

Friedmann, G. *The Anatomy of Work*. Free Press, N.Y., 1961.

Goguel, F. *La Politique en France*. Armand Colin, 1964.

Harvey, D. J. *France since the Revolution*. The Free Press, 1968.

Hoffman, S. et al. *A la recherche de la France*. Ed. du Seuil, 1963.

Osgood, S. M. *The Fall of France, 1940*. Heath, Boston, 1965.

Sauvy, A. *La montée des jeunes*. Calmann-Levy, 1959.

Weil, S. *La condition ouvrière*. Gallimard, 1951.

Werth, A. *France, 1940-1955*. Hale, London, 1956.

A4. *Electives*

A language elective on French usage may be taken instead of A2(i) or A2(ii) or A2(iii).

TEXTBOOK

Helbling, R. E. & Barnett, A. *Le langage de la France moderne*. Holt, Rinehart & Winston.

SESSION 2

B1. *Language*

Continuation of A1.

B2. *Literature and Thought*

A study of some aspects of modern French literature and thought consisting of two topics chosen from: (i) literature and commitment; (ii) Apollinaire; (iii) Proust.

TEXTBOOKS

For (i):

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

Malraux, A. *La Condition humaine*. Livre de Poche.

For (ii):

Apollinaire, G. *Alcools*. Coll. "Poésie". Gallimard.

Apollinaire, G. *Calligrammes*. Gallimard.

For (iii):

Proust, M. *Du côté de chez Swann*. Livre de Poche.

Proust, M. *Le Temps retrouvé*. Livre de Poche.

B3. *Civilization and Society*

Continuation of A3.

B4. *Electives*

A language elective on French composition may be taken instead of B2(i) or B2(ii) or B2(iii). Further electives may be announced.

For (iii):

Lifar, S. *Le Malentendu du deuxième sexe*. Presses Universitaires de France.

For (v):

Apollinaire, G. *Les peintres cubistes*. Hermann.

Dorival, B. *Les étapes de la peinture française. T.1 De l'impressionnisme au fauvisme; T.2 Le fauvisme et le cubisme; T.3 Depuis le cubisme*. Gallimard.

Hazan, F. *Le nouveau dictionnaire de la peinture moderne*. Hazan.
 Leymarie, J. *Les impressionnistes*. 2 vols. Skira.
 Raynal, M. *La peinture moderne*. T.1. *De Baudelaire à Bonnard*; T.2
Fauvisme et Expressionnisme; T.3 *De Picasso au surréalisme*. Skira.

56.123 French IIIA (Honours)

As for 56.113 French IIIA, with an additional literary seminar on a subject to be announced.

56.133 French IIIB: Pre-Classical France

May be taken by Pass students in addition to 56.113 French IIIA provided that they have obtained a Credit in French II. It is compulsory for students taking a Special Studies degree in French alone. For students taking a Combined Special Studies degree of which French is one subject, it may be taken, together with 56.143 French IIIB (Honours), instead of 56.123 French IIIA (Honours), provided that the permission of the Heads of both Schools has been obtained beforehand.

SESSION 1

A1. Language

(i) sixteenth century French Language; (ii) prose translation (with 56.113 French IIIA).

NOTE: Any Pass students taking French IIIB in addition to French IIIA will be required to replace (ii) by the A4/B4 French language elective in 56.113 French IIIA.

TEXTBOOKS

For (i):

Rickard, P. *La langue française au seizième siècle*. C.U.P.

For (ii):

As for 56.113 French IIIA.

A2. Literature and Thought

An integrated course consisting of: (i) introduction to Renaissance civilization, followed by a study of Ronsard; (ii) the work of Rabelais.

TEXTBOOKS

For (i):

Ronsard, P. *Poèmes*. Blackwell.

For (ii):

Rabelais, F. *Gargantua*. Ed. P. Grimal. Armand Colin.

Rabelais, F. *Le Tiers Livre*. Grimal, P. ed. Armand Colin.

REFERENCE BOOK

For (i):

Elton, G. R. *Reformation Europe 1517-1559*. The Fontana History of Europe. Paperback. Collins.

SESSION 2

B1. Language

Continuation of A1.

B2. 3. Literature and Thought

(i) the work of Montaigne; (ii) the work of Corneille.

TEXTBOOKS

For (i):

Montaigne, M. de. *Essais*. 3 vols. Livre de Poche.

For (ii):

Corneille, P. *Théâtre choisi*. Classiques Garnier.

56.143 French IIIB (Honours)

As for 56.133 French IIIB, together with the following additional topic:

SESSION 1**A1. Language**

Seminar on modern linguistic theory and its relevance to an understanding of the French language.

TEXTBOOKS

Dubois, J. *Grammaire structurale du français: le verbe*. Larousse.

Leroy, M. *Les grands courants de la linguistique moderne*. Presses Universitaires de France.

Martinet, A. *Eléments de linguistique générale*. Collection "U2". A. Colin.

REFERENCE BOOKS

Benveniste, E. *Problèmes de linguistique générale*. Gallimard.

Dubois, J. *Grammaire structurale du français: la phrase et les transformations*. Larousse.

Gross, M. *Grammaire transformationnelle du français: syntaxe du verbe*. Larousse.

Lepschy, G. C. *La linguistique structurale*. Payot.

Pariente, J.-C. *Essais sur le langage*. Ed. de Minuit.

Ruwet, N. *Introduction à la grammaire générative*. Plon.

SESSION 2**B1. Language**

Continuation of A1.

56.114 French IV (Honours)**SESSION 1****A1. Language**

Advanced work in the theory and practice of translation.

TEXTBOOK

Ritchie, R. L. G. *A New Manual of French Composition*. C.U.P.

A2. Literature and Thought

Two seminars on literary topics to be announced.

SESSION 2**B1. Language**

Continuation of A1.

B2. Literature and Thought

Continuation of A2.

Thesis

A short thesis to be written in French on an approved subject in the area of either language, literature or civilization.

GENERAL AND HUMAN BIOLOGY AND BIOLOGICAL SCIENCES

17.001 General and Human Biology I

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

TEXTBOOKS

- Abercrombie, M., Hickman, C. J. & Johnson, M. L. *A Dictionary of Biology*. Penguin, 1967.
 Keeton, W. T. *Biological Science*. Norton, N.Y., 1967.
 Kelly, P. J. ed. *Evidence and Deduction in Biological Science*. Penguin, 1970.

REFERENCE BOOKS

- Aust. Acad. Sci. *Biological Science: The Web of Life*. Canberra, 1967.
 Baldwin, E. *The Nature of Biochemistry*. 2nd ed. C.U.P., 1967.
 Carter, C. O. *Human Heredity*. Penguin, 1962.
 Clegg, E. S. *The Study of Man*. English Univ. Press, 1968.
 Jensen, W. A. & Park, R. B. *Cell Ultrastructure*. Wadsworth, 1967.
 Marshall, P. T. & Hughes, G. M. *The Physiology of Mammals and other Vertebrates*. C.U.P., 1967.
 Postgate, J. *Microbes and Man*. Penguin, 1969.
 Sutcliffe, J. *Plants and Water*. Arnold, 1968.
 Wilson, C. L. & Loomis, W. E. *Botany*. 4th ed. Holt, Rinehart & Winston, 1967.
 Young, J. Z. *The Life of Mammals*. O.U.P., 1966.

17.002 Biology II

Consists of 43/45.101A Genetics and Biometry, together with any one of the following units: 43.101B Plant Evolution and Ecology, 43.101C Plant Physiology, 45.101B Invertebrate Zoology, 45.101C Vertebrate Zoology.

43.101A and 45.101A Genetics and Biometry

Analysis of the mitotic cycle; replication of DNA and its organization in the chromosomes, linkage, non-meiotic recombination; mutation, structural changes, polyploidy, aneuploidy; population genetics; cytoplasmic inheritance; episomes; gene structure and function. An introduction to statistical methods and their application to biological data, including an introduction to analysis of variance and experimental design.

TEXTBOOKS

- Clarke, G. M. *Statistics and Experimental Design*. Arnold, 1969.
 Rohlf, F. J. & Sokal, R. R. *Statistical Tables*. Freeman, 1969.
 Srb, A. M., Owen, R. D. & Edgar, R. S. *General Genetics*. 2nd ed. Freeman, 1965.

43.101B Plant Evolution and Ecology

A study of the evolution of vegetative form and structure of vascular plants; an examination of their organization into terrestrial communities; identification, evolution and distribution of elements of the Australian flora. Field excursions are an integral part of the course.

TEXTBOOKS

Beadle, N. C. W., Carolin, R. C. & Evans, O. D. *Handbook of the Vascular Plants of the Sydney District and Blue Mountains*. The Authors, Armidale, 1962.

Billings, W. D. *Plants and the Ecosystem*. MacMillan, 1964.

Esau, K. *Anatomy of Seed Plants*. Wiley, 1960.

43.101C Plant Physiology

Photosynthesis and selected aspects of plant metabolism. Nitrogen fixation; translocation and uptake of inorganic ions; the physiology of growth and development in plants; plant growth hormones and herbicides.

TEXTBOOKS

Devlin, R. M. *Plant Physiology*. 2nd ed. Van Nostrand, 1969.

Leopold, A. C. *Plant Growth and Development*. McGraw-Hill, 1964.

Salisbury, F. B & Ross, C. *Plant Physiology*. Wadsworth, 1969.

45.101B Invertebrate Zoology

A comparative study of the major invertebrate phyla and emphasis on morphology, systematics and phylogeny. Practical work to illustrate the lecture course. Obligatory field camp.

TEXTBOOK

Meglitsch, P. A. *Invertebrate Zoology*. O.U.P., 1967.

45.101C Vertebrate Zoology

A comparative study of the Chordata. Morphology, systematics, evolution, natural history, with reference to selected aspects of physiology and reproduction. Practical work to supplement the lecture course. Field excursions as arranged. Obligatory field camp.

TEXTBOOKS

Saunders, J. T. & Minton, S. M. *A Manual of Vertebrate Morphology*. 4th ed. Clarendon, 1969.

Young, J. Z. *The Life of Vertebrates*. Clarendon, 1958.

GEOGRAPHY

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

27.041 Geography IA

Part I. *An Introduction to Physical Geography*: Controls of landform development, cyclic and equilibrium approaches to landform study; processes and factors of soil formation; the mature soil profile; vegetation structure; factors affecting vegetation distribution; plant and soil succession and the ecosystem; particular reference to the Sydney area. The radiation budget and atmospheric circulation; climatic distribution.

Laboratory classes include: Weather recording and analysis of climatic data; use of maps and air photos; soil profile description. Two field tutorials.

TEXTBOOKS

CSIRO. *The Australian Environment*. M.U.P.

Strahler, A. N. *Physical Geography*. Wiley International.

Twidale, C. R. *Geomorphology*. Nelson.

REFERENCE BOOKS

Bird, E. *Coasts*. A.N.U. Press.

Bloom, A. L. *The Surface of the Earth*. Prentice-Hall.

Branagan, D. & Packham, G. *Field Geology of New South Wales*. Science Press.

Corbett, J. R. *The Living Soil*. Martindale.

Dury, G. H. & Logan, M. I. *Studies in Australian Geography*. Heinemann.

Gentilli, J. *Sun Climate and Life*. Jacaranda.

Hare, F. K. *The Restless Atmosphere*. Hutchinson. Paperback.

Morisawa, M. *Streams, Their Dynamics and Morphology*. McGraw-Hill.

Nashar, B. *The Sydney Basin*. Jacaranda.

Odum, E. P. *Ecology*. Modern Biology Series.

Riley, D. & Young, A. *World Vegetation*. C.U.P.

Taylor, G. *Sydney-side Scenery*. A. & R.

Trewartha, G. T. *An Introduction to Climate*. McGraw-Hill.

Tweedie, A. D. *Water and the World*. Nelson. Paperback.

Twidale, C. R. & Foale, M. R. *Landforms Illustrated*. Nelson.

Part II. *Economic Geography*: The geographic problems of scale and distance. The relevance of theory and quantitative methods. Patterns and structures of systems of agriculture, manufacturing and tertiary production in under-developed and advanced societies. Origins and functioning of the settlement network of central places and connecting routes. Includes an urban field tutorial of one day.

Laboratory classes will consist of the application of statistical methods to areal and point data.

TEXTBOOKS

Cole, J. P. & King, C. A. M. *Quantitative Geography*. Wiley.

Morrill, R. L. *The Spatial Organisation of Society*. Wadsworth.

REFERENCE BOOKS

Abler, R., Adams, J. S. & Gould, P. *Spatial Organisation*. Prentice-Hall.

Brock, J. O. M. *Geography: Its Scope and Spirit*. Merrill. Paperback.

Chisholm, M. *Rural Settlement and Land Use*. Hutchinson.

Dohrs, F. E. & Sommers, L. M. eds. *Introduction to Geography: Selected Readings*. Crowell. Paperback.

- Estall, R. C. & Buchanan, R. O. *Industrial Activity and Economic Geography*. Hutchinson.
- McCarty, H. H. & Lindberg, J. B. *A Preface to Economic Geography*. Prentice-Hall.
- Mayer, H. H. & Kohn, C. F. eds. *Readings in Urban Geography*. Chicago U.P.
- Mountjoy, A. B. *Industrialisation and Under-Developed Countries*. Hutchinson.
- Rose, A. J. *Patterns of Cities*. Nelson.
- Rutherford, J., Logan, M. I., & Missen, G. J. *New Viewpoints in Economic Geography*. Martindale.
- Taaffe, E. J. *Geography*. Prentice-Hall. Paperback.

Lecture, laboratory and tutorial arrangements for Geography IA are as follows:

	Hours per week for two sessions
Lectures	2
Laboratory	1½
Tutorials	1

27.042 Geography IIA

SESSION 1

Part I. *Physical Geography*: Emphasizing inter-dependence of climate, hydrology, landform, soils and vegetation in major zones. Studies of selected zones with particular reference to the Australasian region. Laboratory classes will involve climatic analysis and mapping and analysis of natural landscapes including airphoto interpretation. A compulsory two-day field tutorial.

REFERENCE BOOKS

- Biot, P. *The Cycle of Erosion in Different Climates*. Batsford.
- Board, C. et al. eds. *Progress in Geography*. Vol. 1. Arnold.
- Chorley, R. J. ed. *Water, Earth and Man*. Methuen.
- Corbett, J. R. *The Living Soil*. Martindale.
- Evenari, M., Chanan, L. & Tadmor, N. *The Negev — The Challenge of a Desert*. Harvard U.P.
- Hills, E. S. ed. *Arid Lands*. Methuen.
- Jennings, J. H. & Mabbutt, J. A. eds. *Landform Studies from Australia and New Guinea*. A.N.U. Press.
- Landsberg, H. E. ed. *World Survey of Climatology*. Vol. 13. Climates of Australia and New Zealand. Elsevier.
- Mabbutt, J. A. et al. *Lands of the Port Moresby-Kairuku Area*. CSIRO.
- McGinnes, W. G. ed. *Deserts of the World*. Arizona U.P.
- Perry, R. A. et al. *Lands of the Alice Springs Area, Northern Territory*. 1956-57. CSIRO.
- Perry, R. A. et al. *Lands of the Wabag-Tari Area, Territory of Papua/New Guinea*. CSIRO.
- Rumney, G. R. *Climatology and the World's Climates*. Macmillan.
- Scott, R. et al. *Lands of Bougainville and Buka Islands, Territory of Papua and New Guinea*. CSIRO.
- Slatyer, R. O. & Perry, R. A. eds. *Arid Lands of Australia*. A.N.U. Press.
- Twidale, C. R. *Geomorphology*. Nelson.

SESSION 2

Part II. *Geographic Models*: Aims and methods of enquiry as a basis for discerning pattern and order in the economic and social landscape. Emphasis on locational models which attempt to explain pattern and structure of urban settlement and transportation routes. Introduction to elements of Population Geography. A compulsory three day field tutorial.

TEXTBOOK

Haggett, P. *Locational Analysis in Human Geography*. Arnold.

REFERENCE BOOKS

Abler, R., Adams, J. S. & Gould, P. *Spatial Organisation*. Prentice-Hall.

Berry, B. *Geography of Market Centres and Retail Distribution*. Prentice-Hall.

Berry, B. & Houghton, F. E. *Geographic Perspectives on Urban Systems*. Prentice-Hall.

Chapin, F. S. *Urban Land Use Planning*. Illinois U.P.

Clarke, J. I. *Population Geography*. Pergamon.

Clarke, J. I. *Population Geography and the Developing Countries*. Pergamon.

Haggett, P. & Chorley, R. eds. *Integrated Models in Geography*. Methuen.

Haggett, P. & Chorley, R. eds. *Socio-economic Models in Geography*. Methuen.

Johnson, J. H. *Urban Geography*. Pergamon.

Rose, A. J. *Patterns of Cities*. Nelson.

Zelinsky, W. *A Prologue to Population Geography*. Prentice-Hall.

Part III. *Statistical Methods in Geography*: Laboratory classes throughout the year dealing with the application of statistical methods to geographic data. Descriptive statistics, sampling techniques, elementary probability, correlation, regression, significance-testing, and an introduction to nonparametric statistics.

TEXTBOOKS

Yeomans, K. A. *Introductory Statistics: Statistics for the Social Scientist*. Vol. 1. Penguin.

Yeomans, K. A. *Applied Statistics: Statistics for the Social Scientist*. Vol. II. Penguin.

REFERENCE BOOKS

Cole, J. P. & King, C. A. *Quantitative Geography*. Wiley.

Dixon, N. J. & Massey, F. J. *Introduction to Statistical Analysis*. McGraw-Hill.

Kalton, G. *Introduction to Statistical Ideas*. Chapman & Hall.

King, L. J. *Statistical Analysis in Geography*. Prentice-Hall.

Moroney, M. J. *Facts from Figures*. Pelican.

Lecture, laboratory and tutorial arrangements for Geography IIA are as follows:

	Hours per week for two Sessions
Lectures	2
Laboratory	3
Tutorials	1

27.052 Geography IIA (Honours)

As for 27.042 Geography IIA *plus* a series of seminars averaging one hour per week, which will include additional and more advanced work in Part I and II.

27.043 Geography IIIA**SESSION 1**

Part I. Students select one of the following options:

1. *Location Theory*: Classical and more recent adaptations of location theory. Consideration of external economies. City and regional structure. Spatial competition and patterns of location. Emphasis on an examination of the spatial distribution of resources and markets on the locational equilibrium of the firm. Decision theory relevant to location.

TEXTBOOK

Richardson, H. W. *Regional Economics*. Weidenfeld & Nicolson.

REFERENCE BOOKS

Alonso, W. *Location and Land Use*. Harvard U.P.

Beckmann, M. *Location Theory*. Random House.

Brown, L. A. *Diffusion Processes & Location*. Reg.Sci.Res.Inst.Bib. Series 4.

Christaller, W. *Central Places in Southern Germany*. Prentice-Hall.

Greenhut, M. *Plant Location in Theory and Practice*. N. Carolina U.P.

Hoover, E. *Location of Economic Activity*. McGraw-Hill.

Isard, W. *Location and Space Economy*. Wiley.

Karaska, G. J. & Bramhall, D. F. eds. *Locational Analysis for Manufacturing: A Selection of Readings*. M.I.T. Press.

Lösch, A. *Economics of Location*. Wiley.

Pred, A. *Behaviour and Location*. Lund U.P.

Smith, D. *Industrial Location*. Wiley.

Smith, R. H. T., Taaffe, E. & King, L. eds. *Readings in Economic Geography*. Rand McNally.

Stevens, B. & Brackett, C. *Industrial Location—Bibliography*. Reg.Sci.Res.-Inst.

Weber, A. *Theory of the Location of Industries*. Chicago U.P.

2. *Transportation Geography*: The structure of transportation systems, for example, modal systems, network and flow analysis, communication and circulation theories, and the analysis of specific problems, for example, transport and economic development and highway impact studies. Laboratory and seminar classes include case studies and practical applications.

REFERENCE BOOKS

Bunge, W. *Theoretical Geography*. Lund Studies in Geography.

Chorley, R. & Haggett, P. *Socio-economic Models in Geography*. Methuen.

Haggett, P. *Locational Analysis in Human Geography*. Arnold.

Haggett, P. *Network Analysis*. Arnold.

Kansky, K. J. *Structure of Transportation Networks*. Univ. of Chicago, Dept. of Geography. Research Paper No. 84.

Mayer, J., Kain, J. F. & Wohl, M. *Urban Transportation Problems*. Harvard U.P.

Owen, W. *Strategy for Mobility*. Brookings.

Smith, R. H. T., Taaffe, E. & King, L. eds. *Readings in Economic Geography*. Rand McNally.

Taaffe, E. & Gauthier, W. *Geography of Transportation*. Prentice-Hall.

3. *Geomorphology*.* As for 27.063 Geography IIIB, Part I.

SESSION 2

Part II. Students select one of the following options:

1. *Agricultural Geography*: Rent theory in relation to agricultural systems. Systems of agriculture at different levels of economic development, and in relation to cultural and institutional factors. Effect on agriculture of rural-urban competition for resources. Examples will be drawn from Australasia and South East Asia. Laboratory classes include case studies.

REFERENCE BOOKS

Barlowe, R. *Land Resource Economics*. Prentice-Hall.

Barnard, A. ed. *The Simple Fleece: Studies in the Australian Wool Industry*. Melbourne U.P.

Brookfield, H. C. & Brown, P. *Struggle for Land: Agriculture and Group Territories among the Chimbu of the New Guinea Highlands*. O.U.P.

Chisholm, M. *Rural Settlement and Land Use*. Hutchinson.

*Not available to students additionally taking 27.063 Geography IIIB.

- Courtenay, P. P. *Plantation Agriculture*. Bell.
 Davidson, B. R. *The Northern Myth*. M.U.P.
 Davidson, B. R. *Australia Wet or Dry?* M.U.P.
 Dunn, E. S. Jr. *The Location of Agricultural Production*. Florida U.P.
 Dumont, R. *Types of Rural Economy*. Methuen.
 Fisher, C. A. *South East Asia*. Methuen.
 Gourou, P. *The Tropical World*. Longmans.
 Gregor, H. F. *Geography of Agriculture: Themes in Research*. Prentice-Hall.
 Heady, E. O. *Economics of Agricultural Production and Resource Use*. Prentice-Hall.
 Hoover, E. M. *The Location of Economic Activity*. McGraw-Hill.
 Iaut, P. *Agricultural Geography*. Vols. 1 & 2. Nelson.
 Nourse, H. O. *Regional Economics*. McGraw-Hill.
 Rutherford, J. & Langford-Smith, T. *Water and Land: Two Case Studies In Irrigation*. A.N.U. Press.
 Rutherford, J., Logan, M. I. & Missen, G. J. *New Viewpoints in Economic Geography*. Martindale.
 Slatyer, R. O. & Perry, R. A. eds. *Arid Lands of Australia*. A.N.U. Press.
 Symons, L. *Agricultural Geography*. Bell.
 Wadham, S., Wilson, R. K. & Wood, J. *Land Utilisation In Australia*. M.U.P.

2. *Marketing Geography*: Organisation and operation of the marketing system including the optimal location of consumer orientated enterprises and the analysis of market areas. Spatial behaviour of consumers in the market for various goods and services, with emphasis upon consumer search and decision processes.

TEXTBOOKS

- Engel, J. F., Kollatt, D. T. & Blackwell, R. D. *Consumer Behaviour*. Holt Rinehart & Winston.
 Scott, P. *Geography and Retailing*. Hutchinson.

REFERENCE BOOKS

- Arndt, J. ed. *Insights into Consumer Behaviour*. Allyn & Bacon.
 Bartels, R. *The Development of Marketing Thought*. Irwin.
 Berry, B. J. L. *Geography of Market Centres and Retail Distribution*. Prentice-Hall.
 Berry, B. J. L. *Commercial Structure and Commercial Blight*. Univ. of Chicago, Dept. of Geography. Research Paper No. 85.
 Brush, J. E. & Gauthier, H. L. *Service Centres and Consumer Trips*. Univ. of Chicago, Dept. of Geography. Research Paper No. 113.
 Carman, J. M. *The Application of Social Class in Market Segmentation*. Instit. of Business & Economic Research, Univ. of California, Berkeley.
 Engel, J. F. ed. *Consumer Behaviour: Selected Readings*. American Marketing Association.
 Fisk, G. *Marketing Systems*. Harper.
 Garner, B. J. *The Internal Structure of Retail Nucleations*. Northwestern Univ. Studies in Geography, No. 12.
 Lewis, E. H. *Marketing Channels: Structure and Strategy*. McGraw-Hill. Paperback.
 Mueller, W. F. & Garoian, L. *Changes in the Market Structure of Grocery Retailing*. Wisconsin U.P.
 Revzan, D. *Wholesaling in Marketing Organisation*. Wiley.
 Simmons, J. *The Changing Pattern of Retail Location*. Univ. of Chicago, Dept. of Geography. Research Paper No. 92.
 Simmons, J. *Toronto's Changing Retail Complex*. Univ. of Chicago, Dept. of Geography. Research Paper No. 104.
 Vance, J. E. *The Merchants World: The Geography of Wholesaling*. Prentice-Hall.

SESSIONS 1 AND 2

Part III. *Geographic Methods*: Methods and the interpretation of geographic data. Covers research design data sources, field methods; collection, classification, and analysis of data, stressing multivariate techniques and computer library programmes. Complements all third year Geography options.

TEXTBOOK

Veldman, D. J. *Fortran Programming for Behavioural Sciences*. McGraw-Hill.

REFERENCE BOOKS

Cole, J. P. & King, C. A. M. *Quantitative Geography*. Wiley.

Dixon, W. J. & Massey, F. J. *Introduction to Statistical Analysis*. McGraw-Hill.

Jackson, J. N. *Surveys for Town and Country Planning*. Hutchinson.

Kerlinger, R. *Foundations of Social Research*. Holt, Rinehart & Winston.

King, L. J. *Statistical Analysis in Geography*. Prentice-Hall.

Siegal, A. *Nonparametric Statistics for the Behavioural Sciences*. McGraw-Hill.

Ya-lun Chou. *Statistical Analysis with Business and Economic Applications*. Holt, Rinehart & Winston.

Yeates, M. H. *Introduction to Quantitative Analysis in Economic Geography*. McGraw-Hill.

Up to five days' tutorials are an essential part of the course. They will involve studies related to the options listed above.

Lecture, laboratory and tutorial arrangements for Geography IIIA are as follows:

	Hours per week for two Sessions
Lectures	2
Laboratory	2
Tutorials	1

27.053 Geography IIIA (Honours)

As for 27.043 Geography IIIA plus a series of seminars averaging one hour per week, which will include additional and more advanced work in Parts I and II.

The Part I option in Geomorphology is not available in this course.

27.063 Geography IIIB**SESSION 1**

Part I. *Geomorphology*: Fluvial processes and valley features. Hillslopes and slope mantles. Further study of morphogenetic systems selected from arid, glacial, periglacial and savanna zones. Coastal, volcanic, structural and neotectonic landforms. Case studies illustrating approaches to geomorphic investigations. Classification and mapping of landforms, including airphoto interpretation. Morphometry. Laboratory study of aeolian, fluvial, beach and colluvial materials.

TEXTBOOKS

Bird, E. F. C. *Coastal Landforms*. A.N.U. Press.

Chorley, R. J. ed. *Water, Earth and Man*. Methuen.

Davies, J. L. *Landforms in Cold Climates*. A.N.U. Press.

Morisawa, M. *Streams: Their Dynamics and Morphology*. McGraw-Hill.

REFERENCE BOOKS

Allen, J. R. L. *Physical Processes of Sedimentation*. Unwin.

Chow, Ven Te. *Handbook of Applied Hydrology*. McGraw-Hill.

- Dury, G. H. *Rivers and River Terraces*. Macmillan.
 Embleton, C. & King, C. A. M. *Glacial and Periglacial Geomorphology*. Arnold.
 King, C. A. M. *Beaches and Coasts*. Arnold.
 King, C. A. M. *Techniques in Geomorphology*. Arnold.
 Leopold, L. B., Wolman, M. G. & Miller, J. P. *Fluvial Processes in Geomorphology*. Freeman.
 Miller, V. C. *Photogeology*. McGraw-Hill.
 Selby, M. J. *Slopes and Slope Processes*. N.Z. Geog. Soc. (Waikato Branch).
 Thornbury, W. D. *Principles of Geomorphology*. Wiley.
 Tricart, J. *Geomorphology of Cold Environments*. Macmillan.

SESSION 2

Part II. *Pedology*: Morphologic, physical and chemical properties of soil, including colour, texture, consistence, structure, aeration, moisture, reaction and nutrients. Physical and chemical aspects of soil fertility; soil erosion and conservation. The zonal concept; soil-landscape relationships. Palaeopedology, including polygenesis and soil stratigraphy. The soil-forming processes of the major Great Soil Groups and their management problems. Laboratory classes include particle size grading, specific gravity and moisture content of soils, soil reaction determination, conductivity and estimation of major plant nutrients; soil profile description; soil survey and mapping; analysis of soil maps.

TEXTBOOK

Corbett, J. R. *The Living Soil*. Martindale.

REFERENCE BOOKS

- Baver, L. D. *Soil Physics*. Wiley.
 Bear, F. E. ed. *The Chemistry of the Soil*. Arnold.
 Black, C. A. ed. *Methods of Soil Analysis*. Amer.Soc.Agron.Inc.
 Dasman, R. F. *Environmental Conservation*. Wiley.
 Kohnke, H. *Soil Physics*. McGraw-Hill.
 Jenny, H. *The Factors of Soil Formation*. McGraw-Hill.
 Leeper, G. W. *Introduction to Soil Science*. McGraw-Hill.
 Robinson, G. W. *Soils, their Origin, Constitution and Classification*. Murby.
 Rose, C. W. *Agricultural Physics*. Pergamon.
 Russell, E. W. *Soil Conditions and Plant Growth*. Longmans Green.
 Stace, G. T. et al. *A Handbook of Australian Soils*. Rellim.

SESSIONS 1 AND 2

Part III. *Geographic Methods*: As in 27.043 Geography IIIA, Part III.

Up to five days' field tutorials are an essential part of the course. They will involve studies related to the options list above.

Lecture, laboratory and tutorial arrangements for Geography IIIB are as follows:

	Hours per week for two Sessions
Lectures	2
Laboratory	3
Tutorials	1

27.073 Geography IIIB (Honours)

As for 27.063 Geography IIIB, plus a series of seminars averaging one hour per week, which will include additional and more advanced work in Parts I and II.

27.054 Geography IV (Honours) (Arts)

(a) Honours students in their final year are required to prepare a thesis of not more than 20,000 words, which must be submitted before the Final Examinations in November.

The Thesis topic must be approved by the Head of the School during the second half of the year *preceding* their entry into Geography IV.

(b) Students are required to attend lectures and seminars in Advanced Economic Geography in the First Session. Topics include the formulation of economic models within an interregional framework, linear programming and activity analysis, growth models, growth-pole concepts, the spatial transmission of economic growth, and the spatial pattern or short-term economic interaction, with emphasis on North America.

(c) Students attend work-in-progress seminars conducted jointly with postgraduate students in related fields.

(d) In Session 2, students attend a series of seminars on the development of geographic thought and ideas.

TEXTBOOK

Richardson, H. W. *Regional Economics*. Weidenfeld & Nicolson.

REFERENCE BOOKS

Beckman, M. *Location Theory*. Random House.

Friedmann, J. *Regional Development Policy*. M.I.T. Press.

Friedmann, J. & Alonso, W. *Regional Development and Planning*. M.I.T. Press.

Isard, W. *Methods of Regional Analysis*. M.I.T. Press.

Perloff, H. S. et al. *Regions, Resources and Economic Growth*. Johns Hopkins U.P.

Siebert, H. *Regional Economic Growth: Theory and Policy*. International Textbook Co.

Smith, R. H. T., Taaffe, E. & King, L. *Readings in Economic Geography*. Rand McNally.

Thompson, W. *A Preface to Urban Economics*. John Hopkins U.P.

GEOSCIENCE

25.111 Geoscience I*Physical Geology*

The structure and main surface features of the earth; Geological cycle—processes of erosion, transportation, sedimentation and lithification. Surface and sub-surface water. Weathering, lakes, rivers, glacial phenomena. Vulcanism, earthquakes, orogenesis and epeirogenesis. Introductory physiography.

Crystallography and Mineralogy

Introduction to crystal symmetry, systems, forms, habit twinning. Occurrence, form and physical properties of minerals. Descriptive mineralogy; mineral classification. Principal rock forming minerals.

Petrology

Igneous, sedimentary and metamorphic rocks—their field occurrence, lithological characteristics and structural relationships. Introduction to coal, oil and ore deposits.

Stratigraphy and Palaeontology

The basic principles of stratigraphy; introductory palaeontology. The geological time scale. An outline of the geological history of the Australian continent with more specific reference to New South Wales.

Practical Work

The preparation and interpretation of geological maps and sections. Map reading and use of simple geological instruments. The study of simple crystal forms and symmetry. The identification and description of common minerals and rocks in hand specimen. The recognition and description of examples of important fossil groups.

The course is supplemented by three field tutorials, attendance at which is compulsory.

TEXTBOOKS

Holmes, A. *Principles of Physical Geology*. N.A.P.

or,

Longwell, C. R. & Flint, R. F. *Introduction to Physical Geology*. Wiley.

Rutley, F. *Rutley's Elements of Mineralogy*. Rev. Read, H. H. Murby, London.

REFERENCE BOOKS

Bryan, J. H., McElroy, C. T. & Rose, G. *Explanatory Notes to Accompany the Sydney 4-Mile Geological Map* (with map). 3rd ed. Bureau of Mineral Resources, Canberra, 1966.

Hurlbut, C. S., Jr. *Dana's Minerals and How to Study Them*. 3rd Science ed. Wiley, 1963.

Tyrrell, G. W. *Principles of Petrology: An Introduction to the Science of Rocks*. Methuen, London.

25.112 Geoscience II*Mineralogy*

Principles of optical crystallography; the construction and use of a polarizing microscope. Polymorphism; the crystal chemistry, crystallography and geological occurrence of the main groups of rock-forming minerals. Description and recognition of common ore and rock forming minerals in both hand specimen and thin section.

TEXTBOOKS

Bloss, F. D. *An Introduction to the Methods of Optical Crystallography*. Holt, Rinehart & Winston, 1961.

Heinrich, E. W. *Microscopic Identification of Minerals*. McGraw-Hill, 1965.

REFERENCE BOOKS

Fyfe, W. S. *Geochemistry of Solids*. McGraw-Hill, 1964.

Hurlbut, C. S. ed. *Dana's Manual of Mineralogy*. Wiley.

Kostov, I. *Mineralogy*. Oliver & Boyd, 1968.

Wahlstrom, E. E. *Optical Crystallography*. 4th ed. Wiley, 1969.

*Petrology (Igneous, Metamorphic and Sedimentary)**Igneous Petrology*

Occurrence, genesis and classification of the commoner igneous rocks. Crystallization of magma. Binary systems. The reaction series. Introduction to micropetrography.

Metamorphic Petrology

Principles, concepts and theories relating to the occurrence, origin and classification of metamorphic rocks. ACF and AKF diagrams. Metamorphic facies. *Practical*: megascopic and microscopic examination of selected metamorphic rocks. *Field Work*: at least one field trip to illustrate the above course.

Sedimentary Petrology

The influence of transportation, deposition and diagenesis on the composition, texture and structure of the sedimentary rocks. The classification of detrital sediments. The non-elastic sediments.

TEXTBOOKS

Williams, H., Turner, F. J., & Gilbert, C. M. *Petrography*. Freeman, 1954.

Winkler, H. G. F. *Petrogenesis of Metamorphic Rocks*. 2nd ed. Springer, 1967.

REFERENCE BOOKS

Bayly, B. *Introduction to Petrology*. Prentice-Hall, 1968.

Turner, F. J. *Metamorphic Petrology*. McGraw-Hill, 1968.

Palaeontology

Morphology and systematics of major fossil invertebrate phyla (Part I) and their stratigraphic distribution. *Practical*: examination of representative fossils from each phylum.

TEXTBOOK

Moore, R. C., Lalicker, C. G. & Fischer, A. G. *Invertebrate Fossils*. McGraw-Hill, 1952.

REFERENCE BOOKS

Beerbower, J. R. *Search for the Past*. Prentice-Hall, 1969.

Easton, W. H. *Invertebrate Palaeontology*. Harper, 1960.

Shrock, R. R. & Twenhofel, W. H. *Principles of Invertebrate Palaeontology*. McGraw-Hill.

Stratigraphy

Classification of sedimentary rocks. Sedimentary processes. Environments of deposition. The facies concept. Stratigraphic principles. Geosynclines and their evolution. Development of a geosyncline and an intracratonic basin. Stratigraphy of selected provinces of Eastern Australia.

TEXTBOOKS

Brown, D. A., Campbell, K. S. W. & Crook, K. A. W. *Geological Evolution of Australia and New Zealand*. Pergamon, 1968.

Dunbar, C. O. & Rodgers, J. *Principles of Stratigraphy*. Wiley, 1957.

REFERENCE BOOK

Pettijohn, S. J. *Sedimentary Rocks*. 2nd ed. Harper.

Structural Geology

Description of structures, macroscopic-mesoscopic structures, stereographic projection for studies of mesoscopic structures, structural-analysis of folded rocks, faults and joints. Introduction to microscopic structures-petrofabrics. Experimental structural geology. *Practical: Stereographic applications*—Wulff net, Schmidt net. Introduction to structural analysis. fault problems.

Field Work

Approximately twelve days will be spent on field tutorials throughout the year. Attendance is compulsory.

TEXTBOOKS

Spencer, E. W. *Introduction to the Structure of the Earth*. McGraw-Hill, 1969.

Ragan, D. M. *Structural Geology: An Introduction to Geometrical Techniques*. Wiley, 1968.

REFERENCE BOOKS

Billings, M. *Structural Geology*. Prentice-Hall, 1954.

Hills, E. S. *Elements of Structural Geology*. Wiley, 1963.

Whitten, E. H. T. *Structural Geology of Folded Rocks*. Wiley, 1966.

GERMAN

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

The linguistic part of the syllabus is designed to give a solid foundation of grammar, syntax, and vocabulary, and lays particular stress on proficiency in comprehension (listening and reading) and speech (pronunciation and conversation). German literature is studied both extensively, in survey courses, and intensively, in small seminar groups. Parallel developments in the visual arts and in music will also be discussed. Stress will be laid on cultural developments in present-day Germany, and a survey will be made of the intellectual contribution Germany has made in the last two centuries, particularly in philosophy and political thought.

64.001 German IZ

For students who have little or no knowledge of the language but who have attained at least a second level pass in the Higher School Certificate examination in a language other than English. In special cases other students may be admitted on the recommendation of the Head of School.

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

TEXTBOOKS

(a) *Language*

Kessler, H. *Deutsch für Ausländer, Teil 1b. Leichte Erzählungen*. Verlag für Sprachmethodik, Königswinter.

Russon, L. J. *Complete German Course for First Examinations*. Longmans, London, 1967.

Schulz-Griesbach, E. *Deutsche Sprachlehre für Ausländer. Grundstufe in einem Band. Glossar Deutsch-Englisch*. Hueber, Munich.

(b) *Literature and Culture*

Rado, M. ed. *Begegnungen von A bis Z*. Heinemann, Melbourne.

Washington, L. M. and I. H. *A Preview of German Literature*. Holt, Rinehart & Winston, N.Y.

REFERENCE BOOKS

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

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

Passant, E. J. *Short History of Germany 1815-1945*. C.U.P., London, 1960.

64.111 German I

For students who have gained at least a Second Level pass in German at the Higher School Certificate Examination or its equivalent.

Three hours per week are devoted to formal language work and three hours to literature (German poetry and 20th century prose). Students may attend further voluntary language tutorials in Session 2.

TEXTBOOKS

(a) *Language*

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

Schulz-Griesbach, E. *Deutsche Sprachlehre für Ausländer, Mittelstufe*. Hueber, Munich.

(b) *Literature*

Brecht, B. *Der gute Mensch von Sezuan*. Suhrkamp, Frankfurt.

Brecht, B. *Der kaukasische Kreidekreis*. Suhrkamp, Frankfurt.

Brecht, B. *Mutter Courage und ihre Kinder*. Suhrkamp, Frankfurt.

Büchner, G. *Gesammelte Werke und Briefe*. Deutscher Taschenbuch-Verlag, Munich.

Kafka, F. *Das Urteil und andere Geschichten*. Fischer, 19, Frankfurt/Main.

Mann, T. *Erzählungen I*. Fischer, Frankfurt.

The Penguin Book of German Verse. Penguin.

REFERENCE BOOKS

The following books will be useful to students at all stages of the course and it is strongly recommended that they should purchase them for their own use:

Duden. Stilwörterbuch der deutschen Sprache. Bibliographisches Institut, Mannheim, 1962.

Eggeling, H. F. *A Dictionary of Modern German Prose Usage*. O.U.P.

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

64.002 German IIZ

For students who have passed German 64.001 IZ and who have completed the vacation study programme. Literary work will be as for 64.111 German I; language work is similar to that for German I, but an additional compulsory tutorial is held throughout the year. Students wishing to proceed to 64.113 German IIIA must complete a vacation study programme.

TEXTBOOKS

As for German I.

REFERENCE BOOKS

As for German I.

54.022 German IIZ (Honours)

Subjects covered in the Pass course (64.002 German IIZ) and in addition, a 28-hour course on 'Literature and History'.

TEXTBOOKS

As for German I, *plus*:

Killy, W. ed. *Deutsches Lesebuch*. Vols. 3 & 4. Fischer-Bücherei. Frankfurt.

REFERENCE BOOKS

As for German I.

64.112 German II

For students who passed 64.111 German I. Students may choose either the Language or the Literature Option. The Language Option consists of five hours weekly, made up as follows: 2 hours formal language work, 1 hour conversation, 1 hour 'Literature and History', and 1 hour extensive reading course (based largely on 20th century texts). The Literature Option also involves five hours weekly: 1 hour formal language work, 1 hour text analysis, 1 hour 'Literature and History', and a 2-hourly seminar on a specific literary topic. Students must choose four such topics from a list of twelve offered each year by the School.

TEXTBOOKS

(a) *Language Option*

Andersch, A. *Die Rote*. Deutscher Taschenbuch-Verlag, Munich.

Böll, H. *und sagte kein einziges Wort*. Ullstein, Berlin.

Dürrenmatt, F. *Der Besuch der alten Dame*. Arche, Zurich.

Frisch, M. *Homo Faber*. Rowohlt, Reinbek.
 Grass, G. *Katz und Maus*. Rowohlt, Reinbek.
 Huch, R. *Der Fall Deruga*. Ullstein, Berlin.
 Killy, W. ed. *Deutsches Lesebuch*. Vols. 3 & 4. Fischer-Bücherei, Frankfurt.
 Schulz-Griesbach, E. *Deutsche Sprachlehre für Ausländer. Mittelstufe*. Hueber, Munich.

(b) *Literature Option*

Seminar topics and texts for 1972:

SESSION 1

First seven weeks

1. *Gæthe*

TEXTBOOKS

Gæthe, J. W. v. *Die Leiden des jungen Werther*. Blackwell.

Trunz, E. ed. *Faust I*. Sonderausgabe, Wegner, Hamburg.

For Honours Students only:

Gæthe, J. W. v. *Egmont. Iphigenie. Torquato Tasso*. Gesamtausgabe, vol. 10. Deutscher Taschenbuch-Verlag, Munich.

2. *Naturalismus* (Dr. Knüfermann)

TEXTBOOKS

Hauptmann, G. *Der Biberpelz*. Deutscher Taschenbuch-Verlag, Munich.

Hauptmann, G. *Die Weber*. Ullstein, Berlin.

Holz, A. und Schlaf, J. *Die Familie Selicke*. Reclam, Stuttgart.

Holz, A. und Schlaf, J. *Papa Hamlet*, Reclam, Stuttgart.

Additional duplicated texts will be provided for Honours Students.

3. *Das späte 18. Jahrhundert* (Dr. Reinhardt)

TEXTBOOKS

Elschenbroich, A. *Deutsche Dichtung des 18. Jahrhunderts*. Hanser, Munich.

Wieland, C. M. *Musarion*. Reclam, Stuttgart.

Lessing, G. E. *Minna von Barnhelm*. Reclam, Stuttgart.

Lessing, G. E. *Nathan der Weise*. Reclam, Stuttgart.

For Honours Students only:

Claudius, M. *Aus dem Wandsbeker Boten*. Reclam, Stuttgart.

Second seven weeks

4. *Gedichte und Erzählungen der Spätromantik*

TEXTBOOKS

Eichendorff, J. v. *Aus dem Leben eines Taugenichts. Gedichte*. Goldmann, Munich.

Mörike, E. *Erzählungen und Gedichte*. Goldmann, Munich.

For Honours Students only:

Hoffmann, E. T. A. *Der goldene Topf*. Reclam, Stuttgart.

Hoffmann, E. T. A. *Meister Floh*. Reclam, Stuttgart.

5. *Büchner* (Professor Milfull)

TEXTBOOK

Büchner, G. *Sämtliche Werke und Briefe*. Deutscher Taschenbuch-Verlag, Munich.

6. *Hofmannsthal* (Dr. Reinhardt)

TEXTBOOKS

Hofmannsthal, H. v. *Gedichte und lyrische Dramen*. Suhrkamp, Frankfurt.

For Honours Students only:

Hofmannsthal, H. v. *Der Schwierige. Der Unbestechliche*. Fischer, Frankfurt.

Hofmannsthal, H. v. *Wege und Begegnungen*. Reclam, Stuttgart.

SESSION 2

First seven weeks

7. *Einführung ins Althochdeutsche* (Dr. Knüfermann)
TEXTBOOK
Althochdeutsches Elementarbuch. Göschen, Berlin.
8. *Fontane, Mann und der 'Gesellschaftsroman'*
TEXTBOOKS
Fontane, T. *Schach von Wuthenow*. Nymphenburg, Munich.
Fontane, T. *Unwiederbringlich*. Nymphenburg, Munich.
Fontane, T. *Effi Briest*. Nymphenburg, Munich.
For Honours Students only:
Mann, T. *Buddenbrooks*. Fischer, Frankfurt.
9. *Die Romane Franze Kafkas* (Professor Milfull)
TEXTBOOKS
Kafka, F. *Amerika*. Fischer, Frankfurt.
Kafka, F. *Der Prozess*. Fischer, Frankfurt.
For Honours Students only:
Kafka, F. *Das Schloss*. Fischer, Frankfurt.

Second seven weeks

10. *Einführung in die deutsche Sprachgeschichte* (Dr. Knüfermann)
TEXTBOOKS
Chambers, W. and Wilkie, J. R. *A Short History of the German Language*. Methuen.
Eggers, H. *Deutsche Sprachgeschichte*. 2 vols. Rowohlt, Reinbek.
Kirk, A. *An introduction to the historical study of New High German*. Manchester, U.P.
Luther, M. *Sendbrief vom Dolmetschen*. ed. K. Bischoff. Niemeyer, Tübingen.
For Honours Students only:
Sachs, H. *Auswahl*. Reclam, Stuttgart.
11. *Wedekind* (Dr. Knüfermann)
TEXTBOOK
Wedekind, F. *Prosa. Dramen. Verse*. Vol. 1. Langen-Müller, Munich.
12. *Brecht* (Professor Milfull)
TEXTBOOKS
Brecht, B. *Baal. Der böse Baal der asoziale*. Suhrkamp, Frankfurt.
Brecht, B. *Mann ist Mann*. Suhrkamp, Frankfurt.
Brecht, B. *Die Massnahme*. Suhrkamp, Frankfurt.
Brecht, B. *Die heilige Johanna der Schlachthöfe*. Suhrkamp, Frankfurt.
Brecht, B. *Der gute Mensch von Sezuan*. Suhrkamp, Frankfurt.
For Honours Students only:
Brecht, B. *Gedichte* (selected and duplicated by the School).

NOTES: Students taking German II (Literature), German IIIA (Literature) or German IIIB must select four topics from the above list, *one from each lecturer*. They may, if they so wish, take two topics concurrently, but are advised to take only one in each seven-week period.

Special Studies students in third year must select *eight* topics (here again, two topics per quarter is suggested as a basis).

All seminar courses will be seven weeks in length, two hours per week for Pass students, with an extra hour for Honours students. Honours students must, of course, take all seminars at Honours level.

Second year Literature students will also require for their compulsory language hour:

Schulz-Griesbach. *Deutsche Sprachlehre für Ausländer. Mittelstufe.* Hueber, Munich.

ALL Literature students will also require for the 'Literature and History' course:

Killy, W. ed. *Deutsches Lesebuch.* Vols. 3 & 4. Fischer, Frankfurt.

64.122 German II (Honours)

Either Language or Literature. Language students attend two 7-week Seminar Courses on the historical study of the German language, as well as the German II (Pass) Language Option, while Literature students do additional work on the four seminar topics they have chosen for German II (Pass).

TEXT AND REFERENCE BOOKS

A. *Language Option:* as for seminar topics 7 and 10 listed under German II (Pass).

B. *Literature Option:* as for German II (Pass), plus additional Honours texts specified.

64.113 German IIIA

Language and Literature Options of the same composition as those for 64.112 German II, but at a more advanced level.

TEXTBOOKS

A. *Language Option*

Broch, H. *Pasenow oder die Romantik.* Suhrkamp, Frankfurt.

Grass, G. *Die Blechtrommel.* Fischer-Bücherei, Frankfurt.

Killy, W. ed. *Deutsches Lesebuch.* Vols. 3 & 4. Fischer-Bücherei, Frankfurt.

Mann, H. *Der Untertan,* DTV, Munich.

Zuckmayer, C. *Der Hauptmann von Köpenick.* Fischer-Bücherei, Frankfurt.

B. *Literature Option:* as for German II Literature Option.

64.123 German IIIA (Honours)

For Language students: in addition to the Pass course, two 7-week Seminar courses on the historical study of the German language.

For Literature students: additional work on the four seminar topics they have chosen for German IIIA (Pass).

TEXT AND REFERENCE BOOKS

A. *Language Option:* as for seminar topics 7 and 10 listed under German II (Pass).

B. *Literature Option:* as for German II (Pass), plus additional Honours texts specified.

64.133 German IIIB

A Literature Course, available only to students who are also taking 64.113 German IIIA. They must select an additional four seminar topics from the twelve offered yearly by the School.

TEXT AND REFERENCE BOOKS: as for German II Literature Option.

64.143 German IIIB (Honours)

Additional work on the four topics selected for the Pass Course.

TEXT AND REFERENCE BOOKS: as for German II (Pass) Literature Option, plus additional Honours texts specified.

64.114 German IV (Honours)

Available in Literature only. The course will be made up of four 7-week seminar courses on specific literary topics, one 28-week seminar course on critical method, and two hours per week language work. A short thesis must also be submitted.

Seminar topics and texts:

1. *Zwei Musiker-Romane*

TEXTBOOKS

Hesse, H. *Das Glasperlenspiel*. Fischer, Frankfurt.

Mann, T. *Doktor Faustus*. Fischer, Frankfurt.

2. *Dramentheorie*

TEXTBOOKS

Selected duplicated texts.

3. *Broch*

TEXTBOOKS

Broch, H. *Die Schlafwandler*. Rhein-Verlag, Zurich.

Broch, H. *Der Tod des Vergil*. Deutscher Taschenbuch-Verlag, Munich.

4. *To be announced*

5. *Practical Criticism* (Staff-Student Seminar)

TEXTBOOKS

Schillemeit, J. ed. *Interpretationen*. Vols. 1-4. Fischer, Frankfurt.

Wellek, R. & Warren, A. *Theory of Literature*. Penguin.

HISTORY

A pass student may take no more than four courses in the School of History, and may not take both first year courses. A student may therefore take two second year and one third year course, or one second year and two third year courses. Permission to take more than three courses must be given by the Head of the School.

A second year honours student must take either of the two honours courses, but not both, and his honours course must be related to his second year pass course.

A third year honours student must take two of the three third year honours courses, in addition to the two pass courses.

A fourth year honours student must take History IVA and either History IVB or History IVC.

51.111 History IA—European Expansion and Asian Resurgence: 1500-1950

The world-wide expansion of European nations, through their exploration, colonization and cultural influence. Particular attention is given to the European relationship with non-European people, and to an examination of Asian nationalism, as a case study of the rejection of colonialism and the rise of self assertion amongst Asian peoples.

Consists of two equal parts: (a) aspects and examples of European expansion from c. 1500 to c. 1900, and (b) aspects and examples of Asian Nationalism from c. 1850 to c. 1950.

SESSION 1—European Expansion between the 16th and 20th Century TEXTBOOKS

Cipolla, C. M. *European Culture and Overseas Expansion*. Penguin, 1970.
Fieldhouse, D. K. *The Colonial Empires. A Comparative Survey from the Eighteenth Century*. Wiedenfeld & Nicolson, London, 1966.

Nadel, G. H. & Curtis, P. *Imperialism and Colonialism*. Macmillan, N.Y., 1964.

Panikkar, K. M. *Asia and Western Dominance*. Allen & Unwin, 1959.

Parry, J. H. *Europe and a Wider World, 1415-1715*. H.U.L., 1966.

SESSION 2—Asian Resurgence, 1850-1950

TEXTBOOKS

Beckman, G. M. *The Modernisation of China and Japan*. Harper International Student Reprint, 1965.

Fairbank, J. K. & Teng SSu-Yu. *China's Response to the West*. Harvard U.P., 1954.

Feuerwerker, A. ed. *Modern China*. Prentice-Hall, 1964.

Fitzgerald, C. P. *The Birth of Communist China*. Penguin, 1964.

Mabbett, I. W. *A Short History of India*. Cassell, Australia, 1968.

Moore, B. *Social Origins of Dictatorship and Democracy*. Penguin, 1969.

Spear, P. *India, Pakistan and the West*. O.U.P., 1967.

Stephens, I. *Pakistan*. Penguin, 1964.

Zachner, R. C. *Hinduism*. O.U.P., 1966.

SESSION 1

REFERENCE BOOKS

Bartlett, C. J. ed. *Britain Preeminent*. Macmillan, 1969. Paperback.

Boorstin, D. J. *The Americans: The Colonial Experience*. Random House, 1956.

Boxer, C. R. *The Portuguese Seaborne Empire, 1414-1825*. Hutchinson, 1970.

- Carrington, C. E. *The Making of the Empire. The British Overseas: Exploits of a Nation of Shopkeepers. Pt. 1.* C.U.P., 1969. Paperback.
- Cipolla, C. M. ed. *The Economic Decline of Empires.* Methuen and Barnes & Noble, 1970.
- Easton, S. C. *The Rise and Fall of Western Colonialism. A Historical Survey from the Early 19th Century to the Present.* University Paperback, Praeger, 1964.
- Edwardes, M. *Asia in the European Age, 1498-1955.* Praeger, 1962.
- Crone, G. R. *The Discovery of the East.* Hamilton, 1971.
- Elliott, J. H. *The Old World and the New, 1492-1620.* C.U.P., Paperback.
- Furnivall, J. S. *Colonial Policy and Practice.* N.Y.U.P., 1956.
- Robinson, R. & Gallagher, J., with Denny, A. *Africa and the Victorians.* Macmillan, 1961.
- Gibson, C. *Spain in America.* Harper Torchbooks, 1966.
- Hawke, L. *The Spanish Struggle for Justice in the Conquest of America.* O.U.P., 1959.
- Hobsbawm, E. J. *Industry and Empire.* Weidenfeld & Nicolson, 1969.
- Hobson, J. A. *Imperialism.* 3rd ed. Allen & Unwin, 1948.
- Koebner, R. & Schmidt, H. D. *Imperialism: the Story and Significance of a Political World.* C.U.P., 1964.
- Lenin, V. I. *Imperialism: the Highest Stage of Capitalism. A Popular Outline.* Lawrence & Wishart, 1934.
- Lowe, C. J. *The Reluctant Imperialists. Vol. 1: British Foreign Policy, 1878-1902.* Routledge.
- Neill, S. *Christian Missions.* Penguin.
- Parry, J. H. *The Age of Reconnaissance.* Mentor. Paperback.
- Parry, J. H. *The Spanish Seaborne Empire.* Hutchinson, 1966.
- Shaw, A. G. L. ed. *Great Britain and the Colonies, 1815-1865.* Methuen. Paperback.
- Schumpeter, J. A. *Imperialism and Social Classes.* O.U.P., 1951.
- Strachey, J. *End of Empire.* London, 1959.
- Thornton, A. P. *Doctrines of Imperialism.* Wiley, N.Y., 1965.
- Thornton, A. P. *The Imperial Idea and its Enemies.* Macmillan, 1959.
- Winks, R. W. ed. *British Imperialism: God, Gold, Glory.* N.Y., 1963.
- Wright, H. M. *The 'New Imperialism'; Analysis of Late 19th Century Expansion.* Heath, 1961.

SESSION 2

REFERENCE BOOKS

- Allen, Sir R. *A Short Introduction to the History and Politics of Southeast Asia.* O.U.P., London, 1966.
- Basham, A. L. *The Wonder that was India.* Sidgwick & Jackson, London, 1953.
- Bastin, J. *A History of Modern Southeast Asia: Colonialism, Nationalism and Decolonisation.* Spectrum, Prentice-Hall, 1968.
- Brecher, M. *Nehru: A Political Biography.* O.U.P., 1959.
- Cady, J. F. *Southeast Asia: Its Historical Development.* McGraw-Hill, 1964.
- Cady, J. F. *A History of Modern Burma.* *Cambridge History of India, Vol. VI.* 1958.
- Cowan, C. D. ed. *The Economic Development of China and Japan.* Praeger, 1964.
- Cowan, C. D. *Nineteenth Century Malaya.* O.U.P., 1961.
- De Barry, W. T., Wing-Tsit Chan & Watson, B. *Sources of Chinese Tradition.* Columbia U.P., 1960.
- Dubois, C. A. *Social Forces in Southeast Asia.* Harvard U.P., 1959.
- Fairbank, J. K., Reischauer, E. D. & Craig, A. M. *East Asia; The Modern Transformation.* Vol. IX. Allen & Unwin, 1965.
- Fairbank, J. K. *The United States and China.* Harvard U.P., 1958.

- Fairbank, J. K. & Teng, SSu-Yu. *China's Response to the West*. Harvard U.P., 1954.
- Hall, D. G. E. *A History of Southeast Asia*. Macmillan, London, 1961.
- Hunter, G. *Southeast Asia: Race, Culture and Nation*. O.U.P., 1966.
- Johnson, C. A. *Peasant Nationalism and Communist Power*. Stanford U.P., 1962.
- Kennedy, J. *A History of Malaya*. PaperMac, 1967.
- Kumar, R. ed. *Essays on Gandhian Politics*. O.U.P., 1961.
- Legge, J. D. *Indonesia*. Prentice-Hall, 1964.
- Michael, F. *The Taiping Rebellion: Vol. 1; History*. U. of Washington, Seattle & London, 1966.
- Misra, B. B. *The Indian Middle Classes*. O.U.P., 1961.
- Moore, B. *Social Origins of Dictatorship and Democracy*. Peregrine, 1969.
- Nanda, B. R. *Mahatma Gandhi: A Biography*. Beacon, 1959.
- Norman, E. H. *Japan's Emergence as a Modern State*. Stanford, 1940.
- Reischauer, E. O. & Fairbank, J. K. *East Asia: The Great Tradition*. Vol. 1. Allen & Unwin, 1960.
- Reischauer, E. O. *Japan, Past and Present*. Duckworth, 1964 and Knopf, 1970.
- Roff, W. R. *The Origins of Malay Nationalism*. Yale U.P., 1967.
- Sansom, G. *Japan, A Short Cultural History*. 2nd ed. Gesset Press, London, 1946.
- Sayeed, K. B. *Pakistan: The Formative Phase; 1957-1948*. O.U.P., 1968.
- Sen, S. N. 1857. Ministry of Information and Broadcasting, Government of India, New Delhi, 1957.
- Srinivas, M. N. *Social Change in Modern India*. U. of California, 1966.
- Storry, R. *A History of Modern Japan*. Penguin, 1965.
- Yanaga, C. *Japan Since Perry*. McGraw-Hill, 1949.
- Zainu'ddin, A. G. *A Short History of Indonesia*. Cassell, Australia, 1968.

51.121 History IB—Europe: 1500-1939

An introduction to the main formative influences that have shaped the culture and society of modern Europe, surveying developments from the Reformation to the Second World War.

Part I—Religion and Society, 1500-1939. Religious themes: (a) Reformation and Counter-Reformation; (b) Religion and the State in the seventeenth and eighteenth centuries; (c) Religion and the 'Age of Reason'; (d) Religion and the age of Revolution.

Part II—The State and Society, 1500-1939. Political and social trends within the following framework: (a) The rise of the nation state; (b) The absolutist state — its emergence and decline; (c) The democratic state; (d) The totalitarian state.

TEXTBOOKS

Part I

- Burrell, S. A. ed. *The Role of Religion in Modern European History*. Collier-Macmillan, London, 1964.
- Chadwick, O. *The Reformation*. Pelican History of the Church. Vol. 3. London, 1968.
- Cragg, G. R. *The Church and the Age of Reason, 1648-1789*. Pelican History of the Church, Vol. 4. London, 1960.
- Vidler, A. R. *The Church in an Age of Revolution*. Pelican History of the Church, Vol. 5. London, 1961.
- Wand, J. W. C. *A History of the Modern Church from 1500 to the Present Day*. Methuen, London, 1965.

Part II

- Adams, W. E. et al. *The Western World*. Vol. II, From 1700. Dodd Mead & Co., N.Y., 1968.

- Anderson, M. S. *Europe in the Eighteenth Century, 1713-1783*. Longmans, London, 1963.
- Clark, G. N. *Early Modern Europe, 1450-1730*. O.U.P. 1966.
- Lubasz, H. ed. *The Development of the Modern State*. Collier-Macmillan, London, 1964.
- Thomson, D. *Europe Since Napoleon*. Pelican, 1966.

REFERENCE BOOKS

Part I

- Bainton, R. H. *Here I Stand: A Life of Martin Luther*. New American Library, N.Y., 1959.
- Bainton, R. H. *The Reformation of the Sixteenth Century*. Hodder & Stoughton, London, 1969.
- Coates, W. H., White, H. V., & Schapiro, J. S. *The Emergence of Liberal Humanism: An Intellectual History of Western Europe*. Vol. 1. McGraw-Hill, N.Y., 1966.
- Daniel-Rops, H. *The Protestant Reformation*. Dent, London, 1961.
- Daniel-Rops, H. *The Catholic Reformation*. Dent, London, 1963.
- Daniel-Rops, H. *The Church in the Seventeenth Century*. Dent, London, 1965.
- Daniel-Rops, H. *The Church in the Eighteenth Century*. Dent, London, 1964.
- Daniel-Rops, H. *The Church in an Age of Revolution, 1789-1870*. Dent, London, 1965.
- Daniel-Rops, H. *A Fight for God 1870-1939*. Dent, London, 1966.
- Dickens, A. G. *Reformation and Society in Sixteenth-Century Europe*. Thames & Hudson, London, 1966.
- Dickens, A. G. *The English Reformation*. Fontana Library. Collins, London, 1964.
- Dickens, A. G. *The Counter-Reformation*. Thames & Hudson, London, 1968.
- Elton, G. R. *Reformation Europe, 1517-1559*. Fontana Library. Collins, London, 1963.
- Grimm, H. J. *The Reformation Era, 1500-1660*. Macmillan, N.Y., 1954.
- Hales, E. E. Y. *The Catholic Church in the Modern World, a Survey from the French Revolution to the Present*. Eyre & Spottiswoode, London, 1958.
- Hales, E. E. Y. *Revolution and Papacy, 1769-1846*. Eyre & Spottiswoode, London, 1960.
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- Wiskemann, E. *Europe of the Dictators 1919-1945*. Fontana, London, 1966.
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51.112 History IIA—Modern India 1757-1947

An introduction to social and political developments in the subcontinent of India during the two centuries which preceded the birth of the new States of India and Pakistan.

The organization of society on the eve of the British conquest of India. The policies and institutions introduced by the British Government, and the objectives with which these policies and institutions were introduced in the subcontinent. The Indian response to the British Raj: in the realm of ideas, in social values and political institutions and in the economic organization of society.

The modernization of India during the period under review. The decay of traditional society; the rise of nationalism; the growth of modern political institutions; the changes in the intellectual horizons of the peoples of India under the British Raj.

TEXTBOOKS

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- Mabbutt, I. W. *A Short History of India*. Cassell, Australia, 1968.
- Mazumdar, R. C. et al. *An Advanced History of India*. Macmillan, 1960.
- Morris-Jones, W. H. *The Government and Politics of India*. Hutchinson Univ. Library, 1967.
- Sayeed, K. B. *Pakistan: the Formative Phase 1857-1948*. O.U.P., 1968.
- Spear, P. *India: a Modern History*. Univ. of Michigan Press, 1961.
- Woodruff, P. *The Men Who Ruled India*. Vols. I & II. Jonathan Cape. Paperback.

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- Brecher, M. *Nehru: a Political Biography*. O.U.P., 1959.
- Ballhatchet, K. *Social Policy and Social Change in Western India 1817-1830*. O.U.P., 1962.
- Beaglehole, T. H. *Thomas Munro and the Development of Administrative Policy in Madras 1792-1818*. C.U.P., 1966.
- The Cambridge History of India*. Vols. V and VI.
- Chand, Tara. *History of the Freedom Movement in India*. 3 vols. Publications Division, Delhi, Govt. of India, 1961.
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- Dutt, Romesh C. *The Economic History of India under Early British Rule*. Ministry of Information and Broadcasting, Delhi, Govt. of India, 1960.
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- Gadgil, Dhananjaya R. *The Industrial Evolution of India in Recent Times*. O.U.P., 1944.
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- Gupta, Brijen K. *Sirajuddaulah and the East India Company 1756-1757*. E. J. Brill, Leiden, 1962.
- Gillion, K. L. *Ahmedabad: a Study in Indian Urban History*. A.N.U., 1969.
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- Marx, K. *The First Indian War of Independence 1857-1859*. Foreign Languages Publishing House, Moscow, 1960.
- Lewis, M. D. ed. *The British in India: Imperialism or Trusteeship?* D. C. Heath, 1962.
- Majumdar, K. K. ed. *Indian Speeches and Documents on British Rule 1821-1918*. Longmans Green, Calcutta, 1937.
- Mazumdar, R. C. et al. *The History and Culture of the Indian People*. Vols. 8, 9 & 10. Bharatiya Vidya Bhavan, Bombay.
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- Nehru, Jawaharlal. *Toward Freedom: the Autobiography of Jawaharlal Nehru*. Bodley Head, 1955.
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- Sen, Surendra. *Eighteen Fifty-Seven*. Ministry of Information and Broadcasting, Govt. of India, Delhi, 1957.
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- Sinha, Narendra K. *The Economic History of Bengal from Plassey to the Permanent Settlement*. 2 Vols. K. L. Mukhopadhyay, Calcutta, 1961-62.
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- Spear, P. *The Nabobs*. O.U.P., 1963.
- Spear, P. *Twilight of the Mughals*. C.U.P., 1961.
- Srinivas, M. N. *Caste in Modern India and other essays*. Asia Publishing House, 1962.
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- Tripathi, Amal. *Trade and Finance in the Bengal Presidency 1793-1833*. Orient Longmans, Bombay, 1956.
- Wolpert, S. A. *Tilak and Gokhale*. Univ. of California Press, 1962.

51.132 History IIB—Australia 1788-1970

Part 1: Australia: The Colonial Period. The transformation of the penal colony into a self-consciously federated commonwealth. Emphasis on an examination of the origins and growth of ideas regarding distinctive Australian characteristics and the relation of these ideas to the development of social and political institutions within the framework of an expanding economy.

Part 2: Australia and the Pacific, 1901-70. Australia's national evolution since federation in 1901, its internal political and economic development and especially its emergence first as an autonomous member of the British Commonwealth and then as an independent entity in world politics. Emphasis on Australia's relations with New Zealand and the impact of decolonization on its Pacific and Asian diplomacy.

TEXTBOOKS

Part 1

Greenwood, G. ed. *Australia: a Social and Political History*. A. & R., Sydney, 1955.

*Blainey, G. *The Tyranny of Distance*. Sun Books, 1966.

*Clark, C. M. H. *A Short History of Australia*. Mentor, N.Y., 1963.

*Glynn, S. *Urbanisation in Australian History, 1788-1900*. Nelson, Melbourne, 1970.

Part 2

*Alexander, F. *Australia Since Federation*. Nelson, Melbourne, 1967.

*Hastings, P. *New Guinea Problems and Prospects*. Cheshire, Melbourne, 1969.

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Austin, A. G. ed. *Select Documents in Australian Education, 1788-1900*. Pitman, Melbourne, 1963.

Birch, A. & Macmillan, D. eds. *The Sydney Scene, 1788-1960*. M.U.P., Melbourne, 1962.

Clark, C. M. H. ed. *Select Documents in Australian History 1788-1850*. A. & R., Sydney, 1950.

Clark, C. M. H. ed. *Select Documents in Australian History 1851-1900*. A. & R., Sydney, 1950.

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*Ebbels, R. N. ed. *The Australian Labor Movement, 1850-1907*. Cheshire-Lansdowne, Melbourne, 1965.

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- Austin, A. G. *Australian Education 1788-1900: Church, State and Public Education in Colonial Australia*. Pitman, Melbourne, 1961.
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- Burroughs, P. *Britain and Australia 1831-1855*. Clarendon, Oxford, 1967.
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- *Cannon, M. *The Land Boomers*. M.U.P., 1966.
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- *Coghlan, T. A. *A History of Labour and Industry in Australia*. Macmillan, Melbourne, 1969. Paperback.
- Crowley, F. K. *Australia's Western Third: a History of Western Australia from the First Settlements to Modern Times*. Macmillan, London, 1960.
- Drohan, N. T. & Day, J. H. eds. *Readings in Australian Economics*. Cassell, Melbourne, 1965.
- *Fitzpatrick, B. *The British Empire in Australia: an Economic History, 1834-1939*. New ed. Macmillan, Melbourne, 1968.
- *Gollan, R. *Radical and Working Class Politics: A Study of Eastern Australia*. M.U.P., 1960.
- Grattan, C. H. *The Southwest Pacific to 1900*. Michigan U.P., 1953.
- Kiddle, M. *Men of Yesterday: a Social History of the Western District of Victoria, 1834-1890*. M.U.P., 1961.
- La Nauze, J. A. *Alfred Deakin: a Biography*. 2 vols. M.U.P., 1965.
- Loveday, P. & Martin, A. W. *Parliament, Factions and Parties: the First Thirty Years of Responsible Government in New South Wales, 1856-1887*. M.U.P., 1966.
- *O'Farrell, P. J. *The Catholic Church in Australia: A Short History 1788-1967*. Nelson, Melbourne, 1968.
- Pike, D. *Paradise of Dissent: South Australia 1829-1857*. 2nd ed. M.U.P., 1967.
- *Roberts, S. H. *History of Australian Land Settlement, 1788-1920*. New ed. Macmillan, Melbourne, 1968.
- Roe, M. *Quest for Authority in Eastern Australia, 1835-1851*. M.U.P., 1965.
- *Serle, G. *The Golden Age: a History of the Colony of Victoria, 1851-1861*. M.U.P., 1963.
- Shaw, A. G. L. *Convicts and Colonies*. Faber, London, 1966.
- *Ward, R. *The Australian Legend*. O.U.P., Melbourne, 1966.
- Waterson, D. B. *Squatter, Selector, and Storekeeper. A History of the Darling Downs, 1859-93*. Sydney U.P., 1968.

Part 2: Australia and the Pacific 1901-70

- Albinski, H. S. *Australian Policies and Attitudes Toward China*. Princeton U.P. 1965.
- Andrews, E. M. *Isolationism and Appeasement in Australia*. A.N.U. 1970.
- *Ball, W. M. ed. *Australia and Japan*. Nelson, Melbourne, 1970.
- *Boxer, A. H. ed. *Aspects of the Australian Economy*. M.U.P. 1969.

*Available in paperback editions.

- *Encel, S. *Equality and Authority*. Cheshire, 1970.
- Davidson, J. W. *Samoa Mo Samoa*. O.U.P. 1966.
- Grattan, C. H. *The United States and the Southwest Pacific*, O.U.P., 1961.
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- Greenwood, G. & Harper, N. eds. *Australia in World Affairs, 1950-55, 1956-60, 1961-65*. Cheshire, 1957, 1963, 1968.
- Hudson, W. J. ed. *Towards a Foreign Policy, 1914-1941*. Cassell, Melbourne, 1967.
- Hudson, W. J. *Australia and the Colonial Question at the United Nations*. Sydney U.P. 1970.
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- Millar, T. B. *Australia's Foreign Policy*. A. & R., Sydney, 1968.
- *Moore, J. H. *The American Alliance*. Cassell, Melbourne, 1970.
- Reese, T. R. *Australia, New Zealand and the United States*. O.U.P. 1969.
- Rosecrance, R. N. *Australian Diplomacy and Japan 1945-1951*. M.U.P. 1962.
- Sinclair, K. *A History of New Zealand*. O.U.P. 1961.
- Spender, Sir Percy. *Exercises in Diplomacy*. Sydney U.P. 1969.
- Starke, J. G. *The ANZUS Treaty Alliance*. M.U.P. 1965.
- University of Papua and New Guinea-Australian National University. *The History of Melanesia*. A.N.U., Canberra, 1968.
- *Watt, A. *The Evolution of Australian Foreign Policy, 1938-1965*. C.U.P. 1966.
- *West, F. Hubert Murray. O.U.P. 1968.

51.122 History II (Honours)—Indian History

Alternative to 51.142 History II (Honours)—Australian History, and required in addition to *either* 51.112 History IIA *or* 51.132 History IIB.

The rise and growth of nationalism in India since the middle of the 19th century. Relates the politics of nationalism to the aspirations of different classes and communities in the country, and explores the relations between those classes and communities, and how those relations were affected by the British Raj.

51.142 History II (Honours)—Australian History

Alternative to 51.122 History II (Honours)—Indian History, and required in addition to *either* 51.112 History IIA *or* 51.132 History IIB.

A series of additional special seminars for Honours students running concurrently with the pass course, where the emphasis will be on the sources for primary research in Australian domestic history rather than on secondary reading. Students must submit a major essay incorporating some of this primary material and sit for an additional examination.

51.113 History IIIA—Southeast Asian History

SESSION 1: Southeast Asian Societies, and the European Impact

The major features of the societies of Southeast Asia before and during the early stages of European contact, concluding in the early 19th century. Their historical development, religions, and political and economic structures, and the changes occurring with the advent of the Europeans.

SESSION 2: Southeast Asian Societies, and European Colonial Rule

The social changes, and the development and nature of nationalist movements in Southeast Asian societies under British, Dutch and French colonial rule in the 19th and 20th centuries. Includes Burma, Indonesia, Malaya and Vietnam.

*Available in paperback editions.

TEXTBOOKS

- Benda, H. J. & Larkin, J. A. *The World of Southeast Asia*. Harper & Row, 1965.
- Cady, J. F. *Southeast Asia: Its Historical Development*. McCraw-Hill, 1964.
- or,
Hall, D. G. E. *A History of Southeast Asia*. Macmillan, 1961.
- Chesneaux, J. *The Vietnamese Nation*. Current Book Distributors, 1966.
- Emerson, R. *Malaysia. A Study in Direct and Indirect Rule*. Malaya U.P., 1965.
- Legge, J. D. *Indonesia*. Prentice-Hall, 1964.
- or,
Zainu'ddin, A. G. *A Short History of Indonesia*. Cassell, Australia, 1968.
- Trager, F. N. *Burma—From Kingdom to Republic. An Historical and Political Analysis*. Praeger, 1966.

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- Cady, J. F. *The Roots of French Imperialism in Eastern Asia*. Cornell U.P., 1954.
- Cady, J. F. *History of Modern Burma*. Cornell U.P., 1958.
- Coedes, G. *The Indianized States of Southeast Asia*. A.N.U., 1968.
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- Cowan, C. D. *The Economic Development of Southeast Asia*. Allen & Unwin, 1964.
- Cowan, C. D. *19th century Malaya: The Origins of British Political Control*. O.U.P., 1961.
- Dahm, B. *History of Indonesia in the 20th Century*. Praeger, 1970.
- Dubois, C. *Social Forces in Southeast Asia*. Harvard U.P.
- Fall, B. *The Two Vietnams*. Praeger, 1966.
- Furnivall, J. S. *Colonial Policy and Practice*. C.U.P.
- Geertz, C. *Agricultural Involution*. Univ. of California, 1963.
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- Heine-Geldern, R. *Conceptions of Kingship in Southeast Asia*. Cornell U.P., 1956.
- Hunter, G. *Southeast Asia: Race, Culture and Nation*. O.U.P., 1966.
- Kahin, G. McT. *Nationalism and Revolution in Indonesia*. Cornell U.P., 1962.
- Kahin, G. McT. *Government and Politics of Southeast Asia*. Cornell U.P., 1961.
- Kennedy, J. *A History of Malaya*. Macmillan, 1962.
- McVey, R. T. *Indonesia*. Yale U.P., 1963.
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- Murdock, S. P. *Social Structures in Southeast Asia*. Quadrangle Books, Chicago, 1960.
- Osborne, M. E. *The French Presence in Cochin China and Cambodia: Rule and Response, 1859-1905*. Cornell U.P.
- Parkinson, C. N. *British Intervention in Malaya (1867-1877)*. Univ. of Malaya, 1965.
- Purcell, V. *The Chinese in Southeast Asia*. O.U.P.
- Ryan, N. J. *The Making of Modern Malaya*. O.U.P., 1963.
- Sudjatmoko, ed. *An Introduction to Indonesian Historiography*. Cornell U.P.
- Steinberg, D. J. ed. *In Search of Southeast Asia: A Modern History*. Praeger, 1970.
- Thompson, V. *French Indo-China*. Octagon, 1968.
- Tregonning, K. G. *The British in Malaya: The First Forty Years, 1786-1826*. Univ. of Arizona, 1965.

- Truong Buu Lam. *Patterns of Vietnamese Response to Foreign Intervention, 1858-1900*. Yale U.P., 1967.
- Van Leur, J. C. *Indonesian Trade and Society*. Van Hoeve, The Hague, 1955.
- Van Niel, R. *The Emergence of the Modern Indonesian Elite*. Van Hoeve, The Hague, 1960.
- Vlekke, B. Nusantara. *A History of Indonesia*. Van Hoeve, The Hague, 1959.
- Wertheim, W. F. *Indonesian Society in Transition. A Study of Social Change*. Van Hoeve, The Hague, 1959.

51.133 History IIB—A History of the United States

The modern historical development of the United States. The history of the country during the colonial period, with emphasis upon political, social and economic developments since 1776, and analysis of how, why, when and with what results thirteen English Colonies were consolidated into the single, powerful, industrial nation of today.

Consists of two parts: *Part I: 1760-1865; Part II: 1865-1970*.

TEXTBOOKS

- Commager, H. S. ed. *Documents of American History*. 8th ed. Appleton, N.Y., 1968.
- Morris, R. B., Greenleaf, W. & Ferrell, R. H. *America: A History of the People*. Rand McNally, 1971.
- Van Deusen, G. G. & Bass, H. J. eds. *Readings in American History*. 2 vols. Macmillan, N.Y., 1968.

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- Bailey, T. A. *Diplomatic History of the American People*. 8th ed. Appleton, N.Y., 1969.
- Beard, C. A. *An Economic Interpretation of the Constitution of the United States*. Free Press, N.Y., 1965.
- Bernstein, B. J. & Matusow, A. J. *Twentieth Century America. Recent Interpretations*. Harcourt, Brace & World, 1969.
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- Colbourn, T. & Patterson, J. T. eds. *The American Past in Perspective*. 2 vols. Allyn & Bacon, 1970.
- Craven, A. *Reconstruction. The Ending of the Civil War*. Holt, Rinehart & Winston, 1969.
- Drimmer, M. ed. *Black History. A Reappraisal*. Doubleday Anchor, N.Y., 1969.
- Ferrell, H. *American Diplomatic History*. Norton, 1969.
- Fine, S. & Brown, G. S. eds. *The American Past. Conflicting Interpretations of the Great Issues*. 2 vols. 3rd ed. Macmillan, N.Y., 1970.
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- Harris, N. et al. eds. *American History. 1600 to the Present. Source Readings*. Holt, Rinehart & Winston, 1969.
- Higham, J. ed. *The Reconstruction of American History*. Hutchinson, London, 1962.
- Hofstadter, R. *Age of Reform from Bryan to F. D. Roosevelt*. Knopf, N.Y., 1955.
- Hofstadter, R. *The Progressive Historians. Turner, Beard, Parrington*. Jonathan Cape, 1969.
- Hopkins, J. G. E. ed. *Concise Dictionary of American Biography*. Charles Scribner's Sons, N.Y., 1964.
- Katz, S. N. & Kutler, S. I. *New Perspectives on the American Past*. 2 vols. Little, Brown, Boston, 1969.
- Kolko, G. *The Triumph of Conservatism*. Free Press, 1963.
- Lerner, M. *America as a Civilization*. 2 vols. Simon & Shuster, N.Y., 1963.
- Link, A. S. *American Epoch: A History of the U.S. Since the 1890's*. 3 vols. 3rd ed. Borzoi Books, Knopf, N.Y., 1967.
- Manning, T. G. & Potter, D. M. *Nationalism and Sectionalism in America 1775-1877, and Government and the American Economy 1870-Present: Select Problems in Historical Interpretation*. Henry Holt, N.Y., 1949.
- Meyers, M. et al. eds. *Sources of the American Republic: A Documentary History of Politics, Society and Thought*. 2 vols. Scott, Foresman, 1967.
- Mitchell, F. D. & Davies, R. O. eds. *America's Recent Past*. Wiley, N.Y., 1969.
- Morgan, E. S. *The American Revolution: Two Centuries of Interpretation*. Spectrum Books, Prentice-Hall, N.J., 1965.
- Mowry, G. E. *The Urban Nation 1920-1960*. Macmillan, London, 1966.
- Nichols, R. F. *The Stakes of Power 1847-1877*. Macmillan, N.Y., 1965.
- North, D. C. *Growth and Welfare in the American Past. A New Economic History*. Prentice-Hall, 1966.
- Rayback, J. C. *A History of American Labor*. Free Press, Collier Macmillan, N.Y., 1966.
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- Weinstein, A. et al. eds. *The Random House Readers in American History*. 2 vols. Random House, 1970.
- Wiebe, R. *The Search for Order 1877-1920*. Macmillan, London, 1968.
- Williams, W. A. *The Tragedy of American Diplomacy*. Dell, N.Y., 1962.
- Wiltse, C. M. *The New Nation 1800-1845*. Macmillan, London, 1965.

Woodman, H. D. ed. *Slavery and the Southern Economy. Sources and Readings*. Harcourt, Brace & World, N.Y., 1966.

Wright, E. *Fabric of Freedom 1763-1800*. Macmillan, London, 1965.

NOTE: Students are required to take *two* of the following honours courses, in addition to 51.113 History IIIA and 51.133 History IIIB.

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

A special study of the American Revolution and its aftermath, reinforcing the History IIIB Pass Course.

51.153 History IIIC (Honours)—Indian History

Subject matter as for 51.122.

51.163 History IIID (Honours)—European Revolutions and Revolutionary Ideologies: 1871-1939

Revolutions in Europe since the Paris Commune, the main interpretations placed upon them and the political thought of the leading revolutionaries. Emphasis on Russia, as well as Germany and France.

51.114 History IV (Honours)

(a) Honours students in their final year are required to prepare a thesis of not more than 20,000 words, which must be submitted before the Final Examinations in November.

(b) Students will be required to take Historiography (History IVA), and *either* Ireland, Russia (History IVB) *or* International History (History IVC).

History IVA Historiography: A series of seminars on Historical Theory and Practice

1. Hegel. *Philosophy of History*
2. Croce. *History as the Story of Liberty*
3. Bury. *The Idea of Progress*
4. Burkhardt. *Civilisation of the Renaissance*
5. Acton. *Essays on Freedom and Power*
6. Namier. *Personalities and Powers*
7. Collingwood. *The Idea of History*
8. Berlin. *Historical Inevitability*
9. Stretton. *The Political Sciences*
10. Geyl. *Napoleon: For and Against*
11. Trotsky. *History of the Russian Revolution*
12. Toynbee. *A Study of History* (Somerville abridgement)

History IVB Ireland and Russia: 1905-1923

A comparative study of revolutionary movements and parties. Examines two contemporaneous revolutionary situations, that which produced rebel-

lion in Ireland in Easter 1916, and that which produced revolutions in Russia in February and October 1917. The revolutionary parties, their nature, leaders and tactics, and the problems faced and policies pursued by these parties in their initial years of power.

History IVC International History: Zionism and Middle Eastern Conflict: 1917-1967

The effects of Zionism on Middle Eastern politics from the Balfour Declaration of 1917 to the Israeli victory of 1967. Attention principally on pre-1920 Palestinian nationalist reaction to Turkish rule; on British attempts under its League of Nations mandate to reconcile the dominant Arab and rapidly growing Jewish elements in Palestine; on United Nations resolution to partition; on Jewish survival against international Arab attack in 1948, establishment of the state of Israel and the Arab exodus; on subsequent great power diplomacy, the Israeli campaigns of 1956 and 1967 and the Israeli issue in the politics of the Arab international system.

HISTORY AND PHILOSOPHY OF SCIENCE

The School offers a sequence of three pass courses; a sequence of five leading to a Special Honours degree; and participates also in the provision of courses leading to Combined Honours degrees.

Students contemplating the Honours degree in Special Studies in the History and Philosophy of Science are advised that, unless the Head of the School determines otherwise, they will be required to include a course in one of the sciences among their subsidiary courses, and that their Honours work in third year will, as a rule, include further work in the same science.

Students who may be attracted by the possibility of an Honours degree in Combined Special Studies are advised that it is possible fruitfully to combine History and Philosophy of Science with advanced studies in several other disciplines: for example, with Philosophy or Sociology or History or with most other Arts subjects.

62.111 History and Philosophy of Science I

An account of the development of theories of the universe at large, and especially of planetary theory, from its beginnings in Babylonia and Greece to its fuller flowering in the eighteenth and nineteenth centuries.

The course begins with a descriptive, non-theoretical, account of the apparent motions of the stars, the Sun, the Moon, and the naked-eye planets: motions that are easily observed without the help of any instruments. The Greek theories of these motions are presented, along with a sketch of the philosophical background of Greek science, and the synthesis of Aristotelian cosmology with Christian doctrine is portrayed.

Then the work of Copernicus is described, with some account of the impact of the heliocentric view. Tycho Brahe is looked at cursorily, Kepler and Galileo more in detail. The idea of an infinite Copernican universe, suggested by Digges and Bruno, is presented, along with an outline of the work of Newton on motion and gravitation and the mechanistic philosophy of nature.

The course concludes with an account of the discovery of the planets Uranus and Neptune, and the cosmological work, whether speculative, theoretical or observational, of investigators such as Thomas Wright, Kant and William Herschel on the structure of the Milky Way.

The historical case studies are used to provide a first introduction to some issues in the philosophy of science, such as the methods and goals of science, the nature of scientific theories and explanations and the dynamics of scientific development and change.

TEXTBOOKS

Kuhn, T. S. *The Copernican Revolution*. Random House.

Munitz, M. K. ed. *Theories of the Universe*. Free Press.

Toulmin, S. E. & Goodfield, J. *The Fabric of the Heavens*. Hutchinson or Penguin.

REFERENCE BOOKS

Austin, R. H. ed. *Star Chart for Southern Observers*. Wiley.

Berry, A. *A Short History of Astronomy*. Dover.

Boas, M. *The Scientific Renaissance*. Collins.

Butterfield, H. *The Origins of Modern Science*. Bell.

Caspar, M. *Kepler*. trans. Hellman, C. D. Abelard-Schuman.

Clagett, M. *Greek Science in Antiquity*. Abelard-Schuman.

- Cohen, I. B. *The Birth of a New Physics*. Heinemann.
- Cohen, M. R. & Drabkin, I. E. *Source Book in Greek Science*. McGraw-Hill.
- Collingwood, R. G. *The Idea of Nature*. Galaxy or O.U.P.
- Crombie, A. C. *Augustine to Galileo*. Penguin.
- Dreyer, J. L. E. *History of Astronomy*. Dover.
- Flammarion, E. *The Flammarion Book of Astronomy*. Pagel, A. & B. trans. Allen & Unwin.
- Galilei, G. *Dialogue Concerning the Two Chief World Systems*. Drake, S. trans. Univ. of California.
- Galilei, G. *Discoveries and Opinions of Galileo*. Drake, S. trans. Doubleday.
- Heath, Sir T. *Aristarchus of Samos*. O.U.P.
- Hogben, L. *Science for the Citizen*. Allen & Unwin.
- Hoyle, F. *Astronomy*. Doubleday.
- Koestler, A. *The Sleepwalkers*. Penguin.
- Koyré, A. *From the Closed World to the Infinite Universe*. Johns Hopkins Univ. or Harper.
- Lodge, Sir O. *Pioneers of Science*. Dover.
- Mehlin, T. G. *Astronomy*. Wiley.
- Neugebauer, O. *The Exact Sciences in Antiquity*. 2nd ed. Harper.
- Pannekoek, A. *A History of Astronomy*. Allen & Unwin.
- Rogers, E. M. *Physics for the Enquiring Mind*. O.U.P.
- Rosen, E. *Three Copernican Treatises*. Dover.
- Shapley, H. & Howarth, H. E. *Source Book in Astronomy*. McGraw-Hill.

62.112 History and Philosophy of Science II

A study of the Darwinian Revolution, its origins in the development of geology and biology, and its impact on European thought.

An outline of the elementary principles of geology, illustrated by field studies of the Sydney Basin area, is used to assist the understanding of the history of geology, which is traced to the middle of the 19th century. The influence of geological thought on biology is considered, and ideas on evolution, culminating in the Darwinian Revolution, are treated. The work of Mendel, and some of its consequences is considered.

The historical treatment is used to illustrate the structure of scientific theory, scientific method, and the interrelations of scientific, philosophical, religious, social and political ideas.

TEXTBOOKS

- Appleman, P. ed. *Darwin—A Norton Critical Edition*. Norton.
- Bryan, J. H., McElroy, C. T. & Rose, G. *1:250,000 Geological Series, Sydney* (with explanatory notes). Gov. Printer, N.S.W.
- Darwin, C. *The Origin of Species*. 1st ed. Pelican.
- Gillispie, C. C. *Genesis and Geology*. Harper.
- Medawar, P. B. *Induction and Intuition in Scientific Thought*. Methuen.
- Taylor, T. G. *Sydney-side Scenery*. A. & R.

REFERENCE BOOKS

- Adams, F. D. *The Birth and Development of the Geological Sciences*. Dover.
- Albritton, C. C. ed. *The Fabric of Geology*. Freeman, Cooper & Co.
- Allen, D. C. *The Legend of Noah*. Illinois U.P.
- Anderson, F. H. *The Philosophy of Francis Bacon*. Chicago U.P.
- Aristotle. *Generation of Animals*. Heinemann.
- Aristotle. *Meteorologica*. Heinemann.
- Bacon, F. *New Organon and Related Writings*. Anderson, F. H. ed. Bobbs-Merrill. Paperback.
- Bailey, E. *Charles Lyell*. Doubleday.

- Bailey, E. *James Hutton—the Founder of Modern Geology*. Elsevier.
- Bell, P. R. *Darwin's Biological Work*. Wiley.
- Berry, W. B. N. *Growth of a Prehistoric Time Scale Based on Organic Evolution*. Freeman.
- Bewkes, E. G. et al. *The Western Heritage of Faith and Reason*. Keene, J. C. rev. ed. Harper & Row, 1963.
- Bodenheimer, F. S. *The History of Biology, an Introduction*. Dawson.
- Bowle, J. *Politics and Opinion in the Nineteenth Century*. Cape.
- Chambers, R. *The Vestiges of the Natural History of Creation*. Leicester U.P.
- Coleman, W. *Georges Cuvier, Zoologist*. Harvard U.P.
- Darwin, C. *Charles Darwin's Autobiography*. Darwin, F., ed. Collier.
- Darwin, C. *The Voyage of the Beagle*. Everyman.
- Davies, G. L. *The Earth in Decay—A History of British Geomorphology, 1578-1848*. Oldbourne.
- de Beer, G. *Charles Darwin, Evolution by Natural Selection*. Nelson.
- Descartes, R. *Discourse on Method*. Penguin.
- Eiseley, L. *Darwin's Century*. Gollancz.
- Ellegard, A. *Darwin and the General Reader*. Adler. Also Humanities Press.
- Farrington, B. *Francis Bacon Philosopher of Industrial Science*. Collier.
- Flew, A. G. N. *Evolutionary Ethics*. Macmillan.
- Geikie, A. *The Founders of Geology*. Dover.
- Ghiselin, M. T. *Triumph of the Darwinian Method*. California U.P.
- Glass, B. et al. eds. *Forerunners of Darwin, 1745-1859*. Johns Hopkins.
- Greene, J. C. *The Death of Adam*. Mentor.
- Greene, J. C. *Darwin and the Modern World View*. Mentor.
- Haber, F. C. *The Age of the World, Moses to Darwin*. Baltimore.
- Hall, T. S. *A Source Book in Animal Biology*. Hafner.
- Hempel, C. G. *Philosophy of Natural Science*. Prentice-Hall.
- Himmelfarb, G. *Darwin and the Darwinian Revolution*. Norton.
- Hoftstadter, R. *Social Darwinism in American Thought*. Knopf.
- Hooykaas, R. *The Principle of Uniformity in Geology, Biology and Theology*. Leiden.
- Huxley, T. H. *Man's Place in Nature*. Montague, A. ed. Ann Arbor.
- Irvine, W. *Apes, Angels and Victorians*. Meridian.
- Keeling, S. V. *Descartes*. O.U.P.
- Kuhn, T. S. *The Structure of Scientific Revolutions*. Chicago U.P.
- Lack, D. *Evolutionary Theory and Christian Belief*. Methuen.
- Lamarck, J. B. P. A. de M.de. *Zoological Philosophy*. Hafner.
- Lovejoy, A. O. *The Great Chain of Being*. Harper Torchbook.
- Lyell, C. *The Principles of Geology*. John Murray.
- Malthus, T. R., Huxley, J. & Osborn, F. *Three Essays on Population*. Mentor.
- Mather, K. F. & Mason, S. O. *A Source Book in Geology*. Hafner.
- Milhauser, M. *Just Before Darwin, Robert Chambers and the Vestiges*. Wesleyan U.P.
- Nashar, B. *The Geology of the Sydney Basin*. Jacaranda.
- Nordenskiöld, E. *The History of Biology. A Survey*. Tudor.
- Playfair, J. *Illustrations of the Huttonian Theory of the Earth*. Dover.
- Popper, K. R. *Conjectures and Refutations*. Basic Books.
- Schneer, C. J. *Toward a History of Geology*. M.I.T. Press.
- Singer, C. *A History of Biology*. Abelard-Schuman.
- Singer, C. *A Short History of Anatomy and Physiology from the Greeks to Harvey*. Dover.
- Stirton, R. A. *Time, Life and Man*. Wiley.
- Stumpf, S. E. *Socrates to Sartre. A History of Philosophy*. McGraw-Hill.
- Taylor, A. E. *Aristotle*. Dover.
- Toulmin, S. E. & Goodfield, J. *The Discovery of Time*. Penguin.

- von Zittel, K. A. *History of Geology and Palaeontology*. Scott. Reprinted Cramer.
 Wiener, P. P. *Evolution and the Founders of Pragmatism*. Harper.

62.122 History and Philosophy of Science II (Honours)

As for the Pass course (62.112) with an additional course dealing with the history of science from antiquity to the late middle ages. This course is concerned with the origins and nature of the scientific enterprise, its emergence in classical Greece, and its fortunes during the Hellenistic and medieval periods.

TEXTBOOKS

- Crombie, A. C. *Augustine to Galileo*, 2 vols. Mercury.
 Farrington, B. *Greek Science*. Penguin.
 Forbes, R. J. & Dijksterhuis, E. J. *A History of Science and Technology*. Vol. I. Penguin.
 Santillana, G. *The Origins of Scientific Thought*. Mentor.

REFERENCE BOOKS

- Clagett, M. *Greek Science in Antiquity*. Collier.
 Cornford, F. M. *Before and After Socrates*. C.U.P.
 Derry, T. K. & Williams, T. I. *A Short History of Technology*. O.U.P.
 Dijksterhuis, E. J. *The Mechanization of the World Picture*. O.U.P.
 Forbes, R. J. *Man the Maker*. Constable.
 Frankfort, H. *Before Philosophy*. Penguin.
 Guthrie, W. K. C. *The Greek Philosophers*. Methuen.
 Hall, A. R. & M. B. *A Short History of Science*. Signet.
 Haskins, C. H. *The Renaissance of the Twelfth Century*. Meridian.
 Hull, L. W. H. *History and Philosophy of Science*. Longmans.
 Kitto, H. D. F. *The Greeks*. Penguin.
 Kline, M. *Mathematics in Western Culture*. Allen & Unwin.
 Livingstone, R. W. *The Legacy of Greece*. O.U.P.
 Mason, S. F. *A History of the Sciences*. Routledge.
 Mumford, L. *Technics and Civilization*. Routledge.
 O'Leary, D. L. *Arabic Thought and its Place in History*. Routledge.
 Sambursky, S. *The Physical World of the Greeks*. Routledge.
 Sarton, G. *A History of Science*. O.U.P.
 Singer, C. *A Short History of Scientific Ideas*. O.U.P.
 Toulmin, S. E. & Goodfield, J. *The Architecture of Matter*. Hutchinson.
 Weisheipl, J. A. *The Development of Physical Theory in the Middle Ages*. Sheed & Ward.
 Winter, H. J. J. *Eastern Science*. Murray.

62.113 History and Philosophy of Science IIIA

The Social History of Science

An account of the growth of the scientific movement, from the early 17th to the 20th century, in relation to: (a) its social and cultural environment and the effects of social structures and social changes upon it; (b) its internal organization; (c) its effects, intellectual and (via technology) material, upon society. The course deals with such topics as: the different national contexts of the scientific movement; its social composition at various times; its relations with the state in different countries at different times, with the universities and other teaching institutions, and with the professions of medicine and engineering; the communications system in science; the nature and functions of scientific societies and academies; the effects of science on technology and of technology on science; the institutionalization and professionalization of science. The intellectual influence of science on society, already treated

in H.P.S. I and II in connection with the Copernican and Darwinian Revolutions, is further discussed in other connections. In the early part of the course there is a discussion of the influence of the ideas of Bacon and Descartes in the formation of the scientific tradition.

TEXTBOOKS

No suitable textbooks are available. Selections from primary sources, reading lists, and other material will be issued by the School.

REFERENCE BOOKS

Argles, M. *South Kensington to Robbins: An Account of English Technical and Scientific Education Since 1851*. Longmans.

Armstrong, W. H. G. *A Social History of Engineering*. Faber.

Ashby, E. *Technology and the Academics*. Macmillan.

Bacon, F. *The New Organon and Related Writings*. Anderson, F. H. ed. Bobbs-Merrill.

Barber, B. *Science and the Social Order*. Collier.

Beer, J. J. *The Emergence of the German Dye Industry*. Illinois U.P.

Bernal, J. D. *Science in History*. 3rd ed. Watts.

Bernal, J. D. *Science and Industry in the Nineteenth Century*. Routledge.

Brown, H. *Scientific Organizations in Seventeenth Century France*. William & Wilkins.

Buchanan, R. A. *Technology and Social Progress*. Pergamon.

Buchdahl, G. *The Image of Newton and Locke in the Age of Reason*. Sheed & Ward.

Clapp, M. *The Modern University*. Cornell U.P.

Diderot, D. *Pictorial Encyclopedia of Trades and Industry*. Gillespie, C. C. ed. 2 vols. Dover.

Farrington, B. *Francis Bacon, Philosopher of Industrial Science*. Collier.

Haines, G. *German Influence Upon English Education and Science, 1800-1866*. Connecticut College.

Hall, A. R. *From Galileo to Newton*. Collins.

Hazard, P. *The European Mind, 1680-1715*. Penguin.

Hazard, P. *European Thought in the Eighteenth Century*. Penguin.

Jones, R. F. *Ancients and Moderns: A Study of the Rise of the Scientific Movement in Seventeenth Century England*. California U.P.

Kranzberg, M. & Pursell, C. W. *Technology in Western Civilization*. 2 vols. O.U.P.

Lilley, S. *Essays on the Social History of Science*. Centaurus.

Marsak, L. M. *The Rise of Science in Relation to Society*. Macmillan.

Mason, S. F. *A History of the Sciences*. Routledge.

Merz, J. T. *A History of European Thought in the Nineteenth Century*. Vol. 1. Dover.

Ornstein, M. *The Role of Scientific Societies in the Seventeenth Century*. Chicago U.P.

Purver, M. *The Royal Society: Concept and Realization*. Routledge.

Roderick, G. W. *The Emergence of a Scientific Society in England, 1800-1965*. Macmillan.

Sharlin, H. I. *The Making of the Electrical Age*. Abelard-Schuman.

Smith, P. *A History of Modern Culture*. 2 vols. Collier.

Sprat, T. *History of the Royal Society*. Cope, J. I. & Jones, H. W. eds. Routledge.

Van Tassel, D. D. & Hall, M. G. *Science and Society in the United States*. Dorsey.

62.123 History and Philosophy of Science IIIA (Honours)

62.133 History and Philosophy of Science IIIB (Honours)

The components of these two courses are to be selected, as described below, from the following *options* (each of two hours per week):

1. *A general course in the Philosophy of Science.* The course includes some treatment of elementary mathematical logic. Special stress is laid on the formal structure of theories; the status of scientific laws; the function of models; the relationships between theory and observation; the nature and logic of scientific explanation; the metaphysical foundations of theories and methodological principles. Reference is made throughout the course to suitable examples taken from the history of science, with a special emphasis on seventeenth century science.
2. *Bibliography and research methods.* An introduction to the literature and bibliography of (a) science before 1900 and (b) history of science. Besides lectures and seminars the course includes a number of exercises designed to develop a knowledge of these two bodies of literature together with practical experience in the use of bibliographies, reference books, and research methods.
3. *The history of the philosophy and methodology of science from the seventeenth century to the early twentieth century.*
4. *Selected topics in the history of the physical sciences from the seventeenth century to the mid-nineteenth century.*
5. *Selected topics in the history of experimental biology from the seventeenth century to the mid-nineteenth century.*

Candidates for a degree in Special Studies must take, for the IIIA (Honours) course, the pass course (62.113) and Option 1. For the IIIB (Honours) course they must take Option 2 and, with the concurrence of the Head of the School, *either* two other options, *or* one other option and further work in the science subject already taken.

Candidates for a degree in Combined Special Studies must take, for the IIIA (Honours) course, *either* the pass course (62.113) and one of the options, *or* three of the options.

Text and reference books will be notified in class.

62.114 History and Philosophy of Science IV (Honours)

In addition to lectures and seminars an original investigation is to be undertaken and the results presented in the form of a dissertation. Students intending to take the fourth-year course should have the topic of their investigation approved by the Head of the School before the end of the third year.

For the formal class-work there is a range of options available (each of one hour per week or the equivalent) including options in advanced philosophy of science and in historiography of science.

Candidates for the honours degree in Special Studies must take the options in advanced philosophy of science and in historiography of science and *either* two other options *or* one of the third-year options which they have not previously taken. In the latter case the approval of the Head of the School must be obtained; additional reading will be required in the third-year course and a high standard of performance expected.

Candidates for the honours degree in Combined Special Studies must take two of the options. If they have not taken either option 1 or option 3 in third year they must take, as one of their fourth-year options, a special course in philosophy of science.

Text and reference books will be notified in class.

INDUSTRIAL RELATIONS

15.502 INDUSTRIAL RELATIONS I

Social, economic, legal, and other aspects of employment. The nature, causes and implications of industrial conflict, the development of industrial relations systems in Britain, the U.S.A. and Australia, a detailed treatment of contemporary industrial relations institutions in Australia and selected case studies of particular industries.

PRELIMINARY READING

SESSION 1

Flanders, A. *Trade Unions*. 7th ed. Hutchinson, 1968.

Fraser, R. ed. *Work: Twenty Personal Accounts*. Vol. 1 or vol. 2. Pelican, 1968 and 1969.

Sutcliffe, J. T. *A History of Trade Unionism in Australia*. Macmillan, 1967.

SESSION 2

Ramsay, R. A. *Managers and Men*. Ure Smith, 1966.

TEXTBOOKS

SESSION 1: *Work, Technology, Conflict and Unions*

Estey, M. *The Unions: Structure, Development and Management*. Harbrace Series, 1967.

Isaac, J. E. & Ford, G. W. eds. *Australian Labour Relations: Readings*. 2nd ed. Sun Books, 1971.

Matthews, P. W. D. & Ford, G. W. eds. *Australian Trade Unions*. Sun Books, 1968.

SESSION 2: *Industrial Relations Systems*

Caiden, G. E. *Public Employment: Compulsory Arbitration in Australia*. Institute of Labour and Industrial Relations. Michigan U.P., 1971.

Portus, J. H. *Australian Compulsory Arbitration, 1900-1970*. Hicks, Smith & Sons, 1971.

Walker, K. F. *Australian Industrial Relations Systems*. O.U.P., 1970.

15.512 INDUSTRIAL RELATIONS I (HONOURS)

The content of 15.502 Industrial Relations I as well as more advanced work on some aspects of 15.102 Industrial Relations I.

TEXTBOOKS

SESSION 1

Faunce, W. A. *Problems of an Industrial Society*. McGraw-Hill, 1968.

Mesthene, E. G. *Technological Change: Its Impact on Man and Society*. Mentor, 1970.

SESSION 2

Gouldner, A. W. *Wildcat Strike: A Study in Worker-Management Relationship*. Harper Torchbook, 1955.

Myrdal, G. *Objectivity in Social Research*. Duckworth, 1969.

15.503 INDUSTRIAL RELATIONS II

There are three main strands: industrial relations systems at the level of the firm and industry, differing national systems of industrial relations, and the process of change in industrial relations systems. Comparative analysis of industrial relations systems, the diversity of ideas, beliefs and institutions and the solution to industrial relations problems in countries

with different economic, social and political systems and at different stages of development.

TEXTBOOKS

- Flanders, A. ed. *Collective Bargaining: Selected Readings*. Penguin, 1969.
Howard, W. & Raich, P. *Productivity Bargaining in Australia*. Wiley, 1972.
Burns, T. ed. *Industrial Man*. Penguin, 1969.

15.513 INDUSTRIAL RELATIONS II (HONOURS)

The content of 15.503 Industrial Relations II as well as more advanced work on some aspects of 15.103 Industrial Relations II.

TEXTBOOKS

SESSION 1

- Blauner, R. *Alienation and Freedom: The Factory Worker and his Industry*. Chicago U.P., 1964.
Derber, M. *Research in Labor Problems in the United States*. Random House, 1967.

SESSION 2

- Emery, F. E. & Thorsrud, E. *Form and Content in Industrial Democracy*. Tavistock, 1969.
Flanders, A. *The Fawley Productivity Agreements: A Case Study of Management and Collective Bargaining*. Faber, 1964.

MATHEMATICS

10.001 Mathematics I

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

TEXTBOOKS

- Blatt, J. M. *Introduction to Fortran IV Programming*. Prentice-Hall.
 Kelly, G. M. *Introduction to Linear Algebra and Vector Geometry*. Reed Education.
 Thomas, G. B. *Calculus and Analytic Geometry*. 4th ed. Addison-Wesley.

REFERENCE BOOKS

- Blatt, J. M. *Basic Fortran IV Programming (IBM/360 Version)*. Computer Systems (Aust.).
 Campbell, H. F. *Matrices with Applications*. Appleton-Century-Crofts.
 Kaplan, W. & Lewis, D. J. *Calculus and Linear Algebra*. Vols 1 & 2. Wiley.
 Lange, I. H. *Elementary Linear Algebra*. Wiley.
 Pedoe, D. *A Geometric Introduction to Linear Algebra*. Wiley.
 Purcell, E. J. *Calculus With Analytic Geometry*. Appleton-Century-Crofts.
 Shields, P. C. *Elementary Linear Algebra*. Worth.
 Smith, W. K. *Limits and Continuity*. Collier-Macmillan.
 Spivak, M. *Calculus*. Benjamin.
 Zelinsky, D. *A First Course in Linear Algebra*. Academic.

PRELIMINARY READING LIST

- Allendoerfer, C. B. & Oakley, C. O. *Principles of Mathematics*. McGraw-Hill.
 Bell, E. T. *Men of Mathematics*. 2 vols. Pelican.
 Courant, R. & Robbins, H. *What is Mathematics*. O.U.P.
 Polya, G. *How to Solve It*. Doubleday Anchor.
 Sawyer, W. W. *A Concrete Approach to Abstract Algebra*. Freeman.
 Sawyer, W. W. *Prelude to Mathematics*. Pelican.

10.011 Higher Mathematics I

Calculus, analytic geometry, linear algebra, an introduction to abstract algebra, elementary computing.

TEXTBOOKS

- Blatt, J. M. *Introduction to Fortran IV Programming*. Prentice-Hall.
 Fagg, S. V. *Differential Equations*. English Universities Press.
 Kelly, G. M. *Introduction to Linear Algebra and Vector Geometry*. Reed Education.
 Spivak, M. *Calculus*. Benjamin.

REFERENCE BOOKS

As for 10.001 plus:

- Abraham, R. *Linear and Multilinear Algebra*. Benjamin.
 Blatt, J. M. *Basic Fortran IV Programming (IBM/360 Version)*. Computer Systems (Aust.).
 Brauer, F. & Nohel, J. *Ordinary Differential Equations*. Benjamin.
 Burkhill, J. C. *A First Course in Mathematical Analysis*. C.U.P.
 Crowell, R. H. & Williamson, R. E. *Calculus of Vector Functions*. Prentice-Hall.
 Hochstadt, H. *Differential Equations*. Holt, Rinehart & Winston.
 Lang, S. *Linear Algebra*. Addison-Wesley.
 Murdoch, D. C. *Linear Algebra for Undergraduates*. Wiley.
 Spivak, M. *Calculus on Manifolds*. Benjamin.

PRELIMINARY READING LIST

As for 10.001 plus:

- Arnold, B. H. *Intuitive Concepts in Elementary Topology*. Prentice-Hall.
 David, F. N. *Games, Gods and Gambling*. Griffin.
 Felix, L. *The Modern Aspect of Mathematics*. Science.
 Huff, D. *How to Lie with Statistics*. Gollancz.
 Reid, C. *From Zero to Infinity*. Routledge & Kegan Paul.

10.021 Mathematics IT

Calculus, analysis, analytic geometry, algebra, probability theory, elementary computing.

TEXTBOOKS

- Blatt, J. M. *Introduction to Fortran IV Programming*. Prentice-Hall.
Calculus. To be advised.
Notes on Sets, Probability, Matrices and Vectors. U.N.S.W. Press.

REFERENCE BOOKS

- Allendoerfer, C. B. & Oakley, C. O. *Fundamentals of College Algebra*. McGraw-Hill.
 Bates, G. E. *Probability*. Addison-Wesley.
 Burford, R. L. *Introduction to Finite Probability*. Merrill.
 Christian, R. C. *Logic and Sets*. Blaisdell.
 Fine, N. J. *Introduction to Modern Mathematics*. Rand McNally & Co.
 Hoyt, J. P. *A Brief Introduction to Probability Theory*. International Text Book Co.
 Johnson, W. G. & Zaccaro, L. N. *Modern Introductory Mathematics*. McGraw-Hill.

10.111 Pure Mathematics II*

Consists of 10.111A, 10.111B & 10.111C.

10.111A Pure Mathematics II—Algebra

Vector Spaces: inner products, linear operators, spectral theory, quadratic forms. Linear Programming: convex sets and polyhedra, feasible solutions, optimality, duality.

TEXTBOOKS

- Gass, H. *Linear Programming*. International Students' Ed. McGraw-Hill.
 Tropper, A. M. *Linear Algebra*. Nelson. Paperback.

10.111B Pure Mathematics II—Analysis

Complex variables: analytic functions, elementary functions, Taylor and Laurent series, integrals, Cauchy's theorem, residues, evaluation of certain real integrals, maximum modulus principles. Linear differential equations of the second order: equations with constant coefficients, power series solutions, Laplace transforms, Bessel functions.

TEXTBOOKS

- Churchill, R. V. *Complex Variables and Applications*. International Students' Ed. McGraw-Hill.
 Hilton, P. J. *Partial Derivatives*. Routledge.
 Purcell, E. J. *Calculus With Analytic Geometry*. Appleton-Century-Crofts.

REFERENCE BOOKS

- Crowell, R. H. & Williamson, R. E. *Calculus of Vector Functions*. Prentice-Hall.
 Kaplan, W. & Lewis, D. J. *Calculus and Linear Algebra*. Wiley.
 Knopp, K. *Theory of Functions*. Part I. Dover.

* Students are required to enrol in each of the component units.

10.111C Pure Mathematics II—Abstract Algebra

Abstract Algebra: Euclidean algorithm, unique factorization theorem, mathematical systems, groups, determination of small groups, homomorphisms and normal subgroups. Geometry: elementary concepts of Euclidean, projective and affine geometries.

TEXTBOOKS

Dean, R. A. *Elements of Abstract Algebra*. Wiley.

Gans, D. *Transformations and Geometries*. Appleton-Century-Crofts.

REFERENCE BOOKS

Birkhoff, G. & MacLane, S. *A Survey of Modern Algebra*. Macmillan.

Lederman, W. *Introduction to the Theory of Groups*. Oliver & Boyd.

10.121 Higher Pure Mathematics II*

Consists of 10.121A, 10.121B & 10.121D.

10.121A Higher Pure Mathematics II—Algebra

Linear Algebra: vector spaces, commutative rings, polynomials, modules, linear transformations, eigen vectors, invariant subspaces, canonical forms, linear functions, bilinear and multi-linear algebra. Group Theory: subgroups, quotient groups, isomorphisms, Lagrange's theorem, Sylow's theorem.

10.121A Higher Pure Mathematics II—Algebra

TEXTBOOKS

Hartley, B. & Hawkes, T. O. *Rings, Modules and Linear Algebra*. Chapman & Hall.

Herstein, I. M. *Topics in Algebra*. Blaisdell.

REFERENCE BOOKS

Abraham, R. *Linear and Multilinear Algebra*. Benjamin.

Hoffman, K. & Kunze, R. *Linear Algebra*. Prentice-Hall.

Lang, S. *Linear Algebra*. W.S.S. Addison-Wesley.

10.121B Higher Pure Mathematics II—Analysis

Analytic functions, Laurent and Taylor series, calculus of residues, evaluation of real integrals, analytic continuation, infinite products, entire functions, the Weierstrass factorization theorem, Mittag-Leffler expansions, conformal mapping, elliptic functions.

TEXTBOOK

Ahlfors, L. V. *Complex Analysis*. International Students' Ed. McGraw-Hill.

REFERENCE BOOKS

Cartan, H. *Elementary Theory of Analytic Functions of One or Several Variables*. Addison-Wesley.

Knopp, K. *Problem Book*. I & II. Dover.

Knopp, K. *Theory of Functions*. Vols. 1 & 2. Dover.

10.121D Higher Pure Mathematics II—Real Variable Theory

Topology of metric spaces, functions over metric spaces, analysis in n -dimension. The Riemann integral, Lebesgue measure, L^2 spaces, Fourier series.

* Students are required to enrol in each of the component units.

TEXTBOOK

Goldberg, R. R. *Methods of Real Analysis*. Blaisdell.

REFERENCE BOOKS

Dieudonne, J. *Foundation of Modern Analysis*. Academic.

Simmons, G. F. *Introduction to Topology and Modern Analysis*. International Students' Ed. McGraw-Hill.

10.112 Pure Mathematics III*

Consists of four of 10.112A, 10.112B, 10.112C, 10.112D & 10.112E.

10.112A Pure Mathematics III—Algebra

Rings, fields, groups.

TEXTBOOKS

Davenport, H. *The Higher Arithmetic*. Hutchinson.

Dean, R. A. *Elements of Abstract Algebra*. Wiley.

Griffin, H. *Elementary Theory of Numbers*. McGraw-Hill.

REFERENCE BOOKS

Birkhoff, G. & MacLane, S. *A Survey of Modern Algebra*. Macmillan.

10.112B Pure Mathematics III—Functional Analysis

Elementary treatment of operators in Hilbert space.

TEXTBOOK

Berberian, S. K. *Introduction to Hilbert Space*. O.U.P., 1961.

10.112C Pure Mathematics III—Differential Geometry

Curves and surfaces in space. Differential forms. Curvature.

TEXTBOOK

O'Neill, B. *Elementary Differential Geometry*. Academic.

10.112D Pure Mathematics III—Set Theory

Cardinal and ordinal numbers. Elementary topology of surfaces.

TEXTBOOKS

Blackett, D. W. *Elementary Topology: Combinatorial and Algebraic Approach*. Academic, 1967.

Halmos, P. R. *Naive Set Theory*. Van Nostrand.

REFERENCE BOOKS

Blackett, D. W. *Elementary Topology*. Academic.

Kamke, E. *Theory of Sets*. Dover.

Wilder, R. L. *Foundations of Mathematics*. Wiley.

10.112E Pure Mathematics III—Analysis

Further complex analysis and ordinary differential equations.

TEXTBOOKS

Churchill, R. V. *Complex Variables and Applications*. International Students' Ed. McGraw-Hill.

Plaat, O. *Ordinary Differential Equations*. Holden-Day.

REFERENCE BOOK

Ahlfors, L. V. *Complex Analysis*. International Students' Ed. McGraw-Hill.

* Students are required to enrol in each of the component units.

10.122 Higher Pure Mathematics III*

Consists of 10.122A, 10.122C and 10.122F together with either 10.122D or 10.112B or 10.112E.

10.122A Higher Pure Mathematics III—Algebra

As in 10.112A but in more detail.

TEXTBOOK

Lang, S. *Algebra*. Addison-Wesley.

REFERENCE BOOKS

Artin, E. *Galois Theory*. Notre Dame Math. Lect. No. 2.

Herstein, I. N. *Topics in Algebra*. Blaisdell.

MacLane, S. & Birkhoff, G. *Algebra*. Macmillan.

10.122C Higher Pure Mathematics III—Differential Geometry and Additional Analysis

Differential geometry of curves and surfaces, Riemannian geometry, theory of ordinary differential equations, eigenfunction expansions, plane autonomous systems.

TEXTBOOKS

Birkhoff, G. & Rota, G. *Ordinary Differential Equations*. Blaisdell.

Singer, I. M. & Thorpe, J. A. *Lecture Notes on Elementary Topology*. Scott, Foresman, 1967.

REFERENCE BOOK

Dieudonné, J. *Foundations of Modern Analysis*. Academic.

10.122D Higher Pure Mathematics III—Number Theory and Logic

Elementary number theory, mathematical logic, axioms of set theory, algebraic number theory.

TEXTBOOKS

Hardy, G. H. & Wright, E. M. *Introduction to the Theory of Numbers*. O.U.P.

Pollard, H. *The Theory of Algebraic Numbers*. Carus Math. Monograph No. 9.

REFERENCE BOOKS

Artin, E. *Algebraic Numbers and Algebraic Functions*. Nelson.

Borevich, Z. I. & Shafarevich, I. R. *Number Theory*. Academic Press.

LeVeque, W. J. *Topics in Number Theory*. Vol. II. Addison-Wesley.

Wilder, R. L. *Introduction to Foundations of Mathematics*. International ed. Wiley.

10.122F Higher Pure Mathematics III—Topology and Integration

Topological spaces, separation axioms, measure theory, Fubini's theorem, absolute continuity.

TEXTBOOKS

Royden, H. L. *Real Analysis*. Collier-Macmillan.

Simmons, G. F. *Introduction to Topology and Modern Analysis*. McGraw-Hill, 1963.

* Students are required to enrol in each of the component units.

REFERENCE BOOKS

- Bourbaki, N. *General Topology*. Parts 1-2. Addison-Wesley.
 Dieudonne, J. *Foundations of Modern Analysis*. Academic.
 Hocking, J. G. & Young, G. *General Topology*. Addison-Wesley.
 Singer, I. M. & Thorpe, J. A. *Lecture Notes on Elementary Topology*. Scott, Foresman, 1967.

10.123 Pure Mathematics IV

Specialized study in selected topics for students planning to graduate with honours.

For textbooks, see Lecturers concerned.

10.211 Applied Mathematics II*

Consists of 10.211A, 10.211B & 10.211C.

10.211A Applied Mathematics II—Mathematical Methods

Review of functions of two and three variables, divergence, gradient, curl; line, surface, and volume integrals; Green's and Stokes' theorems. Special functions, including gamma and Bessel functions. Differential equations and boundary value problems, including vibrating string and vibrating circular membrane; Fourier series and Fourier-Bessel series.

TEXTBOOKS

- Bowman, F. *Introduction to Bessel Functions*. Dover.
 Sneddon, I. N. *Fourier Series*. Routledge & Kegan Paul.
 Spiegel, M. R. *Theory and Problems of Vector Analysis*. Schaum.

REFERENCE BOOKS

- Betz, H., Burcham, P. B. & Ewing, G. M. *Differential Equations with Applications*. I.S.R. Harper.
 Blatt, J. M. *Basic Fortran IV Programming*. Computer Systems (Aust.).
 Dettman, J. W. *Mathematical Methods in Physics and Engineering*. McGraw-Hill.
 Smith, G. D. *Vector Analysis Including the Dynamics of a Rigid Body*. O.U.P.

10.211B Applied Mathematics II—Analytical Dynamics

Kinematics of particles and rigid bodies. Dynamics of particles, including simple harmonic motion and motion in a central force field. Dynamics of systems of particles, conservation principles, collisions, rocket motion. Dynamics of rigid bodies, including compound pendulum and Euler's equations. Lagrange's and Hamilton's equations.

TEXTBOOK

- Symon, K. R. *Mechanics*. Addison-Wesley.

REFERENCE BOOK

- Lawden, D. F. *A Course in Applied Mathematics*. Vol. I. English U.P.

10.211C Applied Mathematics II—Hydrodynamics

Conservation laws and Bernoulli's equation for one-dimensional flow. Equations of continuity and Euler's equation. Kelvin's theorem. Incompressible, irrotational flow in two and three dimensions, including applications of complex variables, method of images, harmonic functions, and axially symmetric flow. Introduction to compressible and viscous fluids.

* Students are required to enrol in each of the component units.

TEXTBOOK

Brenkert, K. J. *Elementary Theoretical Fluid Mechanics*. Wiley.

10.221 Higher Applied Mathematics II*

Consists of 10.221A, 10.221B & 10.221C.

10.221A Higher Applied Mathematics II—Mathematical Methods

As for 10.211A, but in greater depth.

TEXTBOOKS

Queen, N. M. *Vector Analysis*. McGraw-Hill, 1967.

Stephenson, G. *An Introduction to Partial Differential Equations for Science Students*. Longmans. Paperback.

REFERENCE BOOKS

Blatt, J. M. *Basic Fortran IV Programming*. Computer Systems (Aust.).

Dettman, J. W. *Mathematical Methods in Physics and Engineering*. McGraw-Hill.

10.221B Higher Applied Mathematics II—Analytical Dynamics

As for 10.211B, but in greater depth.

TEXTBOOK

McCuskey, S. W. *Introduction to Advanced Dynamics*. Addison-Wesley.

REFERENCE BOOK

Goldstein, H. *Classical Mechanics*. Addison-Wesley.

10.221C Higher Applied Mathematics II—Hydrodynamics

As for 10.211C, but in greater depth.

REFERENCE BOOKS

Chorlton, F. *Textbook of Fluid Dynamics*. Van Nostrand.

Curle, N. & Davies, H. J. *Modern Fluid Dynamics*. Vol. 1. Van Nostrand.

10.212 Applied Mathematics III*

Consists of 10.212A, 10.212B, 10.212C & 10.212D.

10.212A Applied Mathematics III—Numerical Analysis

Polynomial approximation, interpolation and extrapolation, numerical quadrature, solution of ordinary differential equations, sets of linear equations, matrix eigenvalues and eigenvectors, boundary value problems, partial differential equations. Tutorial exercises will involve the use of an electronic computer.

TEXTBOOK

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

REFERENCE BOOKS

Fike, C. T. *Computer Evaluation of Mathematical Functions*. Prentice-Hall.

Fox, L. & Mayers, D. F. *Computing Methods for Scientists & Engineers*. O.U.P.

Ralston, A. *A First Course in Numerical Analysis*. McGraw-Hill.

* Students are required to enrol in each of the component units.

10.212B Applied Mathematics III—Continuum Mechanics

Cartesian tensors, stress and strain in continuous media. Equations of equilibrium and motion. Equations of elasticity. Bending and torsion of beams. Plane elasticity (if time available). Viscous flow of liquids (if time available).

TEXTBOOK

Fung, Y. C. *A First Course in Continuum Mechanics*. Prentice-Hall.

REFERENCE BOOK

Long, R. L. *Mechanics of Solids and Fluids*. Prentice-Hall.

10.212C Applied Mathematics III—Maxwell's Equations

Electrostatic and quasi-static magnetic fields: mathematical formulation of basic laws, field equations, methods of solution, general theorems, polarization, energy and mechanical forces. Electromagnetic fields: Maxwell's equations, Poynting theorem, electromagnetic potentials, radiation, vector wave equation, solutions, cavity resonators, wave guides.

TEXTBOOK

Cheston, W. B. *Elementary Theory of Electric and Magnetic Fields*. Wiley, 1964.

REFERENCE BOOKS

Corson, D. & Lorrain, P. *Introduction to Electromagnetic Fields and Waves*. Freeman.

Jackson, J. D. *Classical Electrodynamics*. Wiley.

Panofsky, W. K. H. & Phillips, M. *Classical Electricity and Magnetism*. Addison-Wesley.

10.212D Applied Mathematics III—Mathematical Methods

Sturm-Liouville equation, eigenvalues, expansion in orthonormal functions. Fourier, Fourier-Bessel and Legendre series as special cases. Contour integration. Fourier and Laplace transforms, with application to ordinary and partial differential equations. Diffusion equation and transmission-line equation. Wave equation.

TEXTBOOK

Rabenstein, A. L. *Introduction to Ordinary Differential Equations*. Academic Press.

REFERENCE BOOKS

Birkhoff, G. & Rota, G. *Ordinary Differential Equations*. Ginn & Co.

Carslaw, H. S. & Jaeger, J. C. *Operational Methods in Applied Mathematics*. Dover.

Raven, F. H. *Mathematics of Engineering Systems*. McGraw-Hill.

Schelkunoff, S. A. *Applied Mathematics for Engineers and Scientists*. Van Nostrand.

10.222 Higher Applied Mathematics III*

Consists of 10.222A and 10.222C, together with either 10.222B or 10.222F, and either 10.222D or 10.222E. (The last two units are offered in alternate years.)

* Students are required to enrol in each of the component units.

10.222A Higher Applied Mathematics III—Numerical Analysis

As for 10.212A, but in greater depth.

TEXTBOOK

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

REFERENCE BOOKS

Fike, C. T. *Computer Evaluation of Mathematical Functions*. Prentice-Hall.

Fox, L. & Mayers, D. F. *Computing Methods for Scientists & Engineers*. O.U.P.

Ralston, A. *A First Course in Numerical Analysis*. McGraw-Hill.

10.222B Higher Applied Mathematics III—Continuum Mechanics

As for 10.212B, but in greater depth.

TEXTBOOK

Fung, Y. C. *A First Course in Continuum Mechanics*. Prentice-Hall.

10.222C Higher Applied Mathematics III—Maxwell's Equations and Special Relativity

Maxwell's equations: as for 10.212C, but in greater depth, and including Maxwell stress tensor, electromagnetic momentum, and radiation pressure. Relativity: relativistic kinematics, dynamics and electrodynamics. radiation from moving charges, radiation damping.

TEXTBOOKS

Jackson, J. D. *Classical Electrodynamics*. Wiley.

Lawden, D. F. *Tensor Calculus and Relativity*. Methuen.

REFERENCE BOOKS

Argence, E. & Kahan, T. *Theory of Waveguides & Resonators*. Blackie.

Cowan, E. W. *Basic Electromagnetism*. Academic Press.

Einstein, A. et al. *The Principle of Relativity*. Dover.

Moller, C. *The Theory of Relativity*. O.U.P.

Panofsky, W. K. H. & Phillips, M. *Classical Electricity and Magnetism*. Addison-Wesley.

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

10.222D Higher Applied Mathematics III—Complex Variables and Integral Transforms

Functions of a complex variable, contour integration. Fourier, Laplace and Mellin transforms, solutions of ordinary and partial differential equations. Asymptotic expansions.

REFERENCE BOOKS

Courant, R. & Hilbert, D. *Methods of Mathematical Physics*. Vol. 1. Interscience.

Lighthill, M. J. *Fourier Analysis and Generalised Functions*. C.U.P. Paperback.

Watson, G. N. & Whittaker, E. T. *A Course in Modern Analysis*. C.U.P.

10.222E Higher Applied Mathematics III—Boundary Value Problems and Special Functions

Methods of solution of boundary value problems for partial differential equations, including the Poisson, Laplace, diffusion, and wave equations. Methods discussed include separation of variables; Sturm-Liouville theory; integral representations; Greens functions; perturbation theory.

REFERENCE BOOKS

- Courant, R. & Hilbert, D. *Methods of Mathematical Physics*. Vols. 1 & 2. Interscience.
- Duff, G. F. D. & Naylor, D. *Differential Equations of Applied Mathematics*. Wiley.
- Feshbach, H. & Morse, P. M. *Methods of Theoretical Physics*. Parts 1 & 2. McGraw-Hill.

10.222F Higher Applied Mathematics III—Quantum Mechanics

Review of physical basis for quantum mechanics, simple harmonic oscillator, hydrogen atom. General formalism, angular momentum, perturbation theory and other approximation methods. Scattering problems.

TEXTBOOK

- Schiff, L. I. *Quantum Mechanics*. 3rd ed. International Students' Ed. McGraw-Hill.

REFERENCE BOOKS

- Landau, L. D. & Lifshitz, E. M. *Quantum Mechanics*. Pergamon.
- Messiah, A. *Quantum Mechanics*. Vols. 1 & 2. North-Holland.

STATISTICS

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

10.311 Theory of Statistics II

An introduction to an axiomatic treatment of probability. Variates (univariates, multivariates, expectations, moment generating and characteristic functions). Standard distributions. Sampling distributions. Point estimation (moments, maximum likelihood, minimum χ^2 , etc.). Confidence interval estimation, exact and approximate. Elementary Neyman-Pearson theory of tests of significance, standard significance tests. Regression (including curvilinear) on a single fixed variable.

INTRODUCTORY READING

- Bross, I. D. J. *Design for Decision*. Macmillan.
- Huff, D. *How to Lie with Statistics*. Gollancz.
- Moroney, M. J. *Facts from Figures*. Pelican.

TEXTBOOKS

- Craig, A. T. & Hogg, R. V. *Introduction to Mathematical Statistics*. 3rd ed. Collier-Macmillan.
- Statistical Tables*.

REFERENCE BOOKS

Anderson, R. L. & Bancroft, T. A. *Statistical Theory in Research*. McGraw-Hill.

Graybill, F. A. & Mood, A. M. *Introduction to the Theory of Statistics*. McGraw-Hill.

Hartley, H. O. & Pearson, E. S. *Biometrika Tables for Statisticians*. C.U.P.

Larson, H. J. *Introduction to Probability and Statistical Inference*. Wiley.

Parzen, E. *Modern Probability Theory and Its Applications*. Wiley.

10.321 Higher Theory of Statistics II

10.311 at greater depth and covering a slightly wider field.

Approximately one hour per week will be devoted to the additional work.

TEXTBOOKS

As for 10.311 Theory of Statistics II *plus*:

Kendall, M. G. & Stuart, A. *The Advanced Theory of Statistics*. Vols. 1 & 2. 2nd ed. Griffin.

REFERENCE BOOK

Feller, W. *An Introduction to Probability Theory and its Applications*. Vol. 1. 3rd ed. Wiley.

10.312 Theory of Statistics III

Consists of 10.312A, 10.312B, 10.312C and 10.312D.

10.312A Theory of Statistics III—Stochastic Processes and Applications

Conditional expectations, generating functions, branching processes, finite Markov chains, introduction to finite-state space Markov processes in continuous time, applications of stochastic processes in genetics.

TEXTBOOK

Bailey, N. T. J. *Elements of Stochastic Processes with Application to the Natural Sciences*. Wiley.

REFERENCE BOOKS

Cox, D. R. & Miller, H. D. *The Theory of Stochastic Processes*. Methuen.

Karlin, S. *A First Course in Stochastic Processes*. Academic Press.

Kempthorne, O. *An Introduction to Genetic Statistics*. Wiley.

10.312B Theory of Statistics III—Experimental Design (Applications) and Sampling

Principles of good experimental design, analyses of fully randomised and randomised block designs, factorial treatment structure, components of variance, multiple comparisons; finite populations, simple random sampling, stratified random sampling, optimum allocation, estimation of sample size.

TEXTBOOKS

Cochran, W. G. & Cox, G. M. *Experimental Designs*. International Students' Ed. Wiley.

Statistical Tables.

REFERENCE BOOKS

Brownlee, K. A. *Statistical Theory & Methodology in Science & Engineering*. 2nd ed. Wiley.

Cochran, W. G. *Sampling Techniques*. Wiley.

Cox, D. R. *Planning of Experiments*. Wiley.

10.312C Theory of Statistics III—Experimental Design (Theory) and Project

Multivariate normal distribution, quadratic forms, multiple regression, theory of the general linear hypothesis and its application to experimental designs.

TEXTBOOK

Graybill, F. A. *An Introduction to Linear Statistical Models*. McGraw-Hill.

REFERENCE BOOK

Anderson, T. W. *An Introduction to Multivariate Statistical Analysis*. Wiley.

10.312D Theory of Statistics III—Contingency Tables and Probability Theory

General theory of the 2×2 contingency table, X^2 test and exact test, $m \times n$ contingency table subdivision of X^2 ; characteristic functions, convergence of probability distributions, the central limit theorem, expansions related to the normal distributions, extreme value distributions.

TEXTBOOK

Lamperti, J. *Probability*. Benjamin.

REFERENCE BOOKS

Feller, W. *An Introduction to Probability Theory and its Application*. Vol. II. Wiley.

Hartley, H. O. & Pearson, E. S. *Biometrika Tables for Statisticians*. C.U.P.
Heathcote, C. R. *Probability: Elements of the Mathematical Theory*. Allen & Unwin.

Kendall, M. G. & Stuart, A. *The Advanced Theory of Statistics*. Vol. 2. 2nd ed. Griffin.

10.322 Higher Theory of Statistics III

Consists of 10.322A, 10.322B, 10.322C, and 10.322D.

10.322A Higher Theory of Statistics III—Stochastic Processes and Applications

As for 10.312A, but in greater depth.

TEXTBOOKS

As for 10.312A Theory of Statistics III *plus*:

Cox, D. R. & Miller, H. D. *The Theory of Stochastic Processes*. Methuen.

REFERENCE BOOKS

As for 10.312A, deleting Cox & Miller.

10.322B Higher Theory of Statistics III—Experimental Design (Applications) and Sampling

As for 10.312B, but in greater depth.

TEXTBOOKS

Cochran, W. G. & Cox, G. M. *Experimental Designs*. International Students' Ed. Wiley.
Statistical Tables.

REFERENCE BOOKS

Brownlee, K. A. *Statistical Theory and Methodology in Science & Engineering*. 2nd ed. Wiley.

Cochran, W. G. *Sampling Techniques*. Wiley.

Cox, D. R. *Planning of Experiments*. Wiley.

10.322C Higher Theory of Statistics III—Experimental Design (Theory) and Project

As for 10.312C, but in greater depth.

REFERENCE BOOKS

As for 10.312C plus:

Rao, C. R. *Linear Statistical Inference and its Applications*. Wiley.

10.322D Higher Theory of Statistics III—Contingency Tables and Probability Theory

As for 10.312D, but in greater depth.

TEXTBOOK

Lamperti, J. *Probability*. Benjamin.

REFERENCE BOOKS

Feller, W. *An Introduction to Probability Theory and its Application*. Vol. II. Wiley.

Hartley, H. O. & Pearson, E. S. *Biometrika Tables for Statisticians*. C.U.P.

Kendall, M. G. & Stuart, A. *The Advanced Theory of Statistics*. Vol. 2. 2nd ed. Griffin.

10.323 Theory of Statistics IV

Specialized study, from the topics set out, 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. Multivariate analysis. Mathematical programming. Information theory. Discrete distributions. Project.

TEXTBOOKS

Anderson, T. W. *Multivariate Statistical Analysis*. Wiley.

Cox, D. R. & Smith, W. *Queues*. Methuen.

Feller, W. *An Introduction to Probability Theory and Its Applications*. Vol. 2. 3rd ed. International Students' Ed. Wiley.

Graybill, F. A. *An Introduction to Linear Statistical Models*. McGraw-Hill.

Hartley, H. O. & Pearson, E. S. *Biometrika Tables for Statisticians*. C.U.P.

Jenkins, G. M. & Watts, D. G. *Spectral Analysis and its Applications*. Holden-Day.

Kempthorne, O. *The Design and Analysis of Experiment*. Wiley.

Wetherill, G. B. *Sequential Methods in Statistics*. Methuen.

REFERENCE BOOKS

Bradley, J. V. *Distribution-free Statistical Tests*. Prentice-Hall.

Cochran, M. G. *Sampling Techniques*. Wiley.

Cochran, W. G. & Cox, G. M. *Experimental Designs*. Wiley.

Fraser, D. A. S. *The Structure of Inference*. Wiley.

Ghosh, B. K. *Sequential Tests of Statistical Hypotheses*. Addison-Wesley.

Kendall, M. G. & Stuart, A. *The Advanced Theory of Statistics*. Vol. II. 2nd ed. Griffin.

Kingman, J. F. C. & Taylor, S. J. *Introduction to Measure and Probability*. C.U.P.

Lehmann, E. L. *Tests of Hypotheses*. Wiley.

Moran, P. A. P. *An Introduction to Probability Theory*. O.U.P.

Noether, G. E. *Elements of Non-parametric Statistics*. Wiley.

Raiffa, H. & Schlaifer, R. *Applied Statistical Decision Theory*. M.I.T.

Rao, C. R. *Advanced Statistical Methods in Biometric Research*. Wiley.

Sarhan, A. E. & Greenberg, B. G. *Contributions to Order Statistics*. Wiley.

Scheffe, H. *The Analysis of Variance*. Wiley.

Seal, H. *Multivariate Statistical Analysis for Biologists*. Methuen.

Wald, A. *Statistical Decision Functions*. Wiley.

Yaglom, A. M. *An Introduction to the Theory of Stationary Random Functions*. Prentice-Hall.

10.911 Mathematics II*

Consists of 10.111A, 10.111B & 10.211A.

10.921 Higher Mathematics II*

Consists of 10.221A, 10.121A & 10.121B.

10.912 Mathematics III*

Consists of *four* units selected from: 10.111C, 10.112A, 10.112B, 10.112C, 10.112D, 10.112E, 10.212A and 10.212D.

10.922 Higher Mathematics III*

Consists of 10.122A, 10.122C, 10.122F & 10.121D.

*Students are required to enrol in each of the component units.

PHILOSOPHY

The study of philosophy is partly the study of perennial problems of common interest to everyone; for example, the foundations of morality, the grounds of religious belief, the source and reliability of knowledge, and the relation between body and mind. Philosophy also leans out to and illuminates other fields of study. Consequently courses in philosophy are designed to make it possible for students to pursue a philosophical interest related to their other interests.

The first year course in philosophy is a wide-ranging course which is intended to give a broad introduction to the subject and assumes no previous acquaintance with it. It is broken into two sessions, with an examination at the end of each session, but Arts students take it as a whole and other students are advised to do so. There is no distinction between Pass and Honours.

From the second year onwards, Pass courses are presented and examined in session-length units. This arrangement makes it possible to offer a wide range of units from which students may select freely, subject only to certain stipulations regarding prerequisites. There is no sharp distinction into second and third years.

In a normal course, students take two course units in each session. A full Pass course in Philosophy consists of Introductory Philosophy A and B, followed by eight further course-units spread over four sessions.

SELECTION OF UNITS

The pattern of courses after the first year is intended to give students a wide range. Constraints are imposed by, firstly, the prerequisites of the various subjects; secondly, the distribution of courses as between Sessions 1 and 2; and to some extent, timetabling. The following details will assist students with their initial choice.

The course-units available in Session 1 having no prerequisite apart from Introductory Philosophy A and B, are:

- Predicate Logic;
- Descartes;
- British Empiricism;
- Greek Philosophy;
- Scientific Method.

Of these, Predicate Logic is prerequisite to a range of advanced logic courses, and Descartes and British Empiricism are also prerequisites, alone or as alternatives, to certain other subjects. Students who plan to take a full Pass course in Philosophy are especially advised to take at least one of these three. Honours students should expect to include Predicate Logic in their course at some stage.

Provision is made for a full sequence of courses in logic, namely, Predicate Logic, Set Theory, Metamathematics and Foundations of Mathematics. The course-unit Argument caters for those with a less mathematically-orientated interest in the subject.

Historical studies are catered for by the course-units Greek Philosophy, Descartes, British Empiricism, Spinoza and Leibniz, History of Modern Logic, History of Traditional Logic, and Logical Atomism, which can be arranged into sequences in various ways.

The remaining course-units deal mainly with particular issues or philosophical views.

HONOURS COURSES

There is no division of students into Pass and Honours during the first year. From the second year special additional course-units are provided for Honours students.

The Special Studies course is for those who intend to devote themselves wholly to the subject, and permits the student to take a wide range of all the courses offering. Students are advised to decide, if possible, at the beginning of their second year whether they intend to take the Special Studies course, and to consult the School about their choice of units in this connection.

52.111 Philosophy I

The course-units Introductory Philosophy A and Introductory Philosophy B as detailed below. There will be examinations at the end of each session but for Arts students the course will be treated as an integrated whole-year one.

52.112 Philosophy II

Four course-units, normally two in each session.

52.122 Philosophy II (Honours)

As for Pass course, plus Honours Seminars A and B.

52.113 Philosophy IIIA

Four course-units, normally two in each session.

52.123 Philosophy IIIA (Honours)

As for Pass course, plus Honours Seminar C.

52.133 Philosophy IIIB (Honours)

This subject represents the additional work taken by Special Studies students in their third year, and consists of four additional course-units.

52.114 Philosophy IV

A research thesis on a subject to be approved by the School, and two seminar courses.

In 1972, the courses offered will be: (1) Philosophy of Language: in the works of Russell, Strawson, Austin, Quine, Chomsky and others. (2) Kant (Combined with Honours Seminar C).

NOTE ON PREREQUISITES

"Introductory Philosophy A and B" is equivalent to "Philosophy I".

Where "Predicate Logic" is shown as a prerequisite it may be regarded as equivalent to the Logic unit of Philosophy II (in courses up to 1970).

Where "British Empiricism" is shown as a prerequisite it may be regarded as equivalent to the British Empiricism unit of Philosophy II (in courses up to 1970).

In other cases, students wishing to substitute an old course as prerequisite should consult the School.

COURSE UNITS

Introductory Philosophy A (Session 1)

A first course for students new to the subject. The course divides into three parts: 1. *Plato*: An introduction to ethics by way of some dialogues of Plato. 2. *Hume*: A study of those sections of Hume's *Enquiry* concerned with the existence of God and with miracles. 3. *Informal Logic*: An approach to logic by way of language, treating such topics as the uses of utterances, the truth and significance conditions of statements, the non-formal analysis of arguments, and the logical relations of propositions.

RECOMMENDED FOR PRELIMINARY READING

Popkin, R. H. & Stroll, A. *Philosophy Made Simple*. Made Simple Books.
 Russell, B. *The Problems of Philosophy*. Oxford H.U.L.

TEXTBOOKS

Flew, A. *An Introduction to Western Philosophy*. Thames & Hudson.
 Flew, A. *Body, Mind and Death*. Macmillan.
 Hamblin, C. L. *Elementary Formal Logic—A Programmed Course*. Hicks Smith and University Paperbacks.
 Hume, D. *On Human Nature and the Understanding*. Flew, A. ed. Collier.
 Plato. *Protagoras and Meno*. Guthrie, W. K. C. trans. Penguin Classics.
 Vlastos, G. ed. *The Philosophy of Socrates*. Macmillan.

REFERENCE BOOKS

Ayer, A. J. *The Concept of a Person*. Macmillan.
 Bluck, R. S. *Plato's Meno*. C.U.P.
 Burnet, J. *Greek Philosophy*. Macmillan.
 Cross, R. C. & Woosley, A. D. *Plato's Republic*. Macmillan.
 Flew, A. *Hume's Philosophy of Belief*. Routledge & Kegan Paul.
 Hick, J. *The Existence of God*. Macmillan.
 Hospers, J. *Introduction to Philosophical Analysis*. 2nd ed. Prentice-Hall or Routledge & Kegan Paul, 1967.
 Mortimore, G. W. *Weakness of Will*. Macmillan.
 Robinson, R. *Plato's Earlier Dialectic*. O.U.P.
 Russell, B. *Problems of Philosophy*. Oxford H.U.L.
 Sesonske, A. & Fleming, N. eds. *Human Understanding*. Wadsworth.
 Smart, N. *Philosophers and Religious Truth*. S.C.M.
 Taylor, A. E. *Plato*. Methuen.
 Taylor, D. M. *Explanation and Meaning*. C.U.P.
 Warnock, G. J. *Contemporary Moral Philosophy*. Papermac.
 Warnock, M. *Ethics Since 1900*. O.U.P.

Introductory Philosophy B (Session 2)

A continuation of Introductory Philosophy A. The three parts of the course will be: 1. *Plato*: The further study of some dialogues of Plato, with special reference to the theory of definition, and to questions of conceptual analysis as these arise from attempts to define virtue and to prove the immortality of the soul. 2. *Hume*: The further study of Hume's *Enquiry*, with special reference either to the mind-body problem and personal identity, or else to the freedom of the will. 3. *Formal Logic*: An introduction to a system of Natural Deduction sufficient for the symbolization of such ordinary language arguments and the construction of such proofs as lie within the field of propositional logic and simple predicate logic.

TEXTBOOKS

As for Introductory Philosophy A, plus:
 Kalish, D. & Montague, R. *Logic: Techniques of Formal Reasoning*. Harcourt, Brace & World.
 Plato. *The Last Days of Socrates*. Tredennick, H. trans. Penguin Classics.

REFERENCE BOOKS

As for Introductory Philosophy A, *plus*:

Allen, R. E. *Plato's Euthyphro and the Earlier Theory of Forms*. Routledge.

Bluck, R. S. *Plato's Phaedo*. Routledge.

Hackforth, R. *Plato's Phaedo*. Bobbs-Merrill.

Predicate Logic (Session 1)

Prerequisite: Introductory Philosophy A and B.

A system of natural deduction is presented for the first order predicate calculus, including identity and definite descriptions. Emphasis is upon construction of formal derivations, methods of showing the invalidity of formal arguments, and the evaluation of informal arguments by symbolization.

TEXTBOOK

Kalish, D. & Montague, R. *Logic: Techniques of Formal Reasoning*. Harcourt, Brace & World.

REFERENCE BOOK

Church, A. *Introduction to Mathematical Logic*. Princeton.

Descartes (Session 1)

Prerequisite: Introductory Philosophy A and B.

A study of the main issues raised in the philosophy of Descartes and their importance for the development of modern philosophy. Emphasis is on the *cogito ergo sum* argument, the Cartesian method and the search for rational certainty, his theory of ideas, the body-mind problem, and his account of freedom.

TEXTBOOK

Anscombe, G. E. M. & Geach, P. T. eds. *Descartes's Philosophical Writings*. Nelson.

REFERENCE BOOKS

Beck, L. J. *The Metaphysics of Descartes*. Clarendon.

Beck, L. J. *The Method of Descartes*. Clarendon.

Buchdahl, G. *Metaphysics and the Philosophy of Science*. Blackwell.

Copleston, F. *A History of Philosophy*. Vol. 4. Doubleday.

Doney, W. ed. *Descartes: A Collection of Critical Essays*. Doubleday.

Frankfurt, H. G. *Demons, Dreamers, and Madmen: The Defence of Reason in Descartes's Meditations*. Bobbs-Merrill.

Haldane, E. & Ross, G. R. T. eds. *The Philosophical Works of Descartes*. Dover.

Joachim, H. H. *Descartes's Rules for the Direction of the Mind*. Allen & Unwin.

Keeling, S. V. *Descartes*. O.U.P.

Kenna, A. *Descartes: A Study of His Philosophy*. Random House.

Popkin, R. H. *Scepticism from Erasmus to Descartes*. Van Gorcum.

Sesonske, A. & Fleeming, N. *Meta-Meditations: Studies in Descartes*. Wadsworth.

Smith, N. K. *Studies in the Cartesian Philosophy*. Russell & Russell.

Smith, N. K. *New Studies in the Philosophy of Descartes*. Macmillan.

British Empiricism (Session 1)

Prerequisite: Introductory Philosophy A and B.

A survey of the empiricist tradition with special concentration on Berkeley and Hume.

TEXTBOOKS

Armstrong, D. M. *Berkeley's Philosophical Writings*. Collier. Paperback.

Hume, D. *Treatise of Human Nature*. 2 vols. Everyman.

Locke, J. *An Essay Concerning Human Understanding*. Fontana.

REFERENCE BOOKS

- Armstrong, D. M. *Perception and the Physical World*. Routledge.
 Basson, A. H. *David Hume*. Pelican.
 Bennett, J. *Locke, Berkeley, Hume*. O.U.P.
 Chappell, V. C. *Hume*. Macmillan.
 Flew, A. *Hume's Philosophy of Belief*. Routledge.
 Martin, C. B. & Armstrong, D. M. *Locke and Berkeley*. Anchor.
 Morris, C. R. *Locke, Berkeley, Hume*. O.U.P.
 Passmore, J. A. *Hume's Intentions*. C.U.P.
 Price, H. H. *Hume's Theory of the External World*. O.U.P.
 Sesonske, A. & Fleming, N. *Human Understanding*. Wadsworth.
 Smith, N. K. *Studies in the Cartesian Philosophy*. Russell.
 Smith, N. K. *The Philosophy of David Hume*. Macmillan.
 Turbayne, C. M. ed. *Berkeley, Principles of Human Knowledge*. Bobbs-Merrill.
 Warnock, G. J. *Berkeley*. Peregrine.
 Yolton, J. W. *John Locke and the Way of Ideas*. O.U.P.
 Yolton, J. W. ed. *John Locke: Problems and Perspectives*. O.U.P.

Greek Philosophy: Thales to Plato (Session 1)

Prerequisite: Introductory Philosophy A and B.

The leading ideas of the Greek philosophers from Thales to Plato, with special reference to the Pre-Socratics.

REFERENCE BOOKS

- Aristotle. *The Works of Aristotle Translated into English*. Vol. VIII. *Metaphysics*. O.U.P.
 Burnet, J. *Early Greek Philosophy*. Black.
 Burnet, J. *Greek Philosophy*. Macmillan.
 Cornford, F. M. *From Religion to Philosophy*. Harper.
 Cornford, F. M. *Principium Sapientiae*. Harper.
 Cornford, F. M. *Plato and Parmenides*. Routledge.
 Farrington, B. *Greek Science*. Penguin.
 Furley, D. J. & Allen, R. E. eds. *Studies in Presocratic Philosophy*. Vols. I and II. Routledge.
 Freeman, K. *Ancilla to the Pre-Socratic Philosophers*. Blackwell.
 Gershenon, D. E. & Greenberg, D. A. *Anaxagoras and the Birth of Physics*. Blaisdell.
 Grunbaum, A. *Modern Science and Zeno's Paradoxes*. Allen & Unwin, 1968.
 Guthrie, W. K. C. *A History of Greek Philosophy*. Vols. I & II. C.U.P.
 Jaeger, W. *The Theology of the Early Greek Philosophers*. O.U.P.
 Kahn, C. H. *Anaximander and the Origins of Greek Cosmology*. Columbia.
 Kirk, G. S. *Heraclitus. The Cosmic Fragments*. C.U.P.
 Kirk, G. S. & Raven, G. E. *The Pre-Socratic Philosophers*. C.U.P.
 Lee, H. D. P. *Zeno of Elea*. C.U.P.
 O'Brien, D. *Empedocles' Cosmic Cycle: A Reconstruction from the Fragments and Secondary Sources*. C.U.P.
 Philip, J. A. *Pythagoras and Early Pythagoreanism*. O.U.P.
 Raven, J. E. *Pythagoreans and Eleatics*. C.U.P.
 Robinson, R. *Essays in Greek Philosophy*. O.U.P.
 Salmon, W. C. *Zeno's Paradoxes*. Bobbs-Merrill.
 Sambursky, S. *The Physical World of the Greeks*. Routledge.
 Seligman, P. *The Apeiron of Anaximander*. Univ. of London.
 Thomson, G. *Studies in Ancient Greek Society*. Vol. 2. *The First Philosophers*. Lawrence & Wishart.

Scientific Method (Session 1)

Prerequisite: Introductory Philosophy A and B.

A study of the nature of empirical knowledge as exemplified in the physical and social sciences and in history, with emphasis on the concept of explanation, the nature of induction and scientific laws, counterfactual statements, and the paradoxes of confirmation.

TEXTBOOKS

Hempel, C. G. *Philosophy of Natural Science*. Prentice-Hall.

Rudner, R. S. *Philosophy of Social Science*. Prentice-Hall.

REFERENCE BOOKS

Barker, I. F. *Induction and Hypothesis*. Cornwall U.P.

Brown, R. *Explanation in Social Science*. Routledge.

Danto, A. & Morgenbesser, S. eds. *Philosophy of Science—Readings*. Meridian.

Draw, W. H. *Laws and Explanation in History*. O.U.P.

Draw, W. H. ed. *Philosophical Analysis and History*. Harper & Row.

Feigl, H. & Sellars, W. *Readings in Philosophical Analysis*. Appleton-Century-Crofts.

Hempel, C. G. *Aspects of Scientific Explanation*. Free Press.

Hintikka, J. & Suppes, P. *Aspects of Inductive Logic*. North Holland.

Hume, D. *On Human Nature and the Understanding*. Flew, A. ed. Collier.

Mill, J. S. *A System of Logic*. Longmans Green.

Nagel, E. *The Structure of Science*. Routledge.

Pap, A. *An Introduction to the Philosophy of Science*. Free Press.

Popper, K. R. *The Logic of Scientific Discovery*. Hutchinson.

Popper, K. R. *The Poverty of Historicism*. Routledge.

Popper, K. R. *Conjectures and Refutations*. Routledge.

Scheffler, I. *The Anatomy of Inquiry*. Knopf.

Strawson, P. F. *Introduction to Logical Theory*. Methuen.

Foundations of Mathematics (Session 2)

Prerequisite: Predicate Logic.

An introduction to a selection of problems concerning the foundations of Mathematics including the following topics: Non-Euclidean Geometry and consistency proofs, Axiomatics, Antinomies of naive set theory, Logicism, Intuitionism, Formalism, Gödel's Incompleteness result.

TEXTBOOK

Wilder, R. S. *An Introduction to the Foundations of Mathematics*. Wiley.

REFERENCE BOOKS

Benacerraf, P. & Putnam, H. *Philosophy of Mathematics*. Prentice-Hall.

Blanche, R. *Axiomatics*. Routledge.

Fraenkel, A. A. & Bar-Hillel, Y. *Foundations of Set Theory*. North-Holland.

Kleene, S. C. *An Introduction to Meta-mathematics*. Princeton.

Korner, S. *The Philosophy of Mathematics*. Hutchinson.

Mendelson, E. *Mathematical Logic*. Van Nostrand.

Nagel, E. & Newman, J. R. *Gödel's Proof*. N.Y.U.P. or Routledge.

Argument (Session 2)

Prerequisite: Introductory Philosophy A and B.

A theoretical study of practical argumentation in the courtroom, politics and everyday life as compared with argument in logic, mathematics and theoretical science. Confirmation and probability, authority, testimony, precedent; rules of debate; criteria of validity; problem of mechanization of practical arguments; logical rationalism and scepticism.

REFERENCE BOOKS

Ackermann, R. *Nondeductive Inference*. Routledge.

Hamblin, C. L. *Fallacies*. Methuen.

- Hart, H. L. A. *The Concept of Law*. O.U.P.
 Kneale, W. C. *Probability and Induction*. O.U.P.
 Passmore, J. A. *Philosophical Reasoning*. Duckworth.
 Toulmin, S. *The Uses of Argument*. C.U.P.
 Williams, D. *The Ground of Induction*. Russell & Russell.

Logical Atomism (Session 2)

Prerequisite: Introductory Philosophy A and B.

A survey of the logical atomism of Russell and Wittgenstein and of the logical positivist movement.

TEXTBOOKS

- Ayer, A. J. ed. *Logical Positivism*. Macmillan.
 Russell, B. *Logic and Knowledge*. ed. Mash, R. S. Allen & Unwin.
 Wittgenstein, L. *Tractatus Logico-Philosophicus*. Pears, D. F. & McGuinness, B. F. trans. Routledge.

REFERENCE BOOKS

(a) General

- Ayer, A. J. et al. *The Revolution in Philosophy*. Macmillan.
 Copleston, F. *Contemporary Philosophy*. Burns & Oates.
 Edwards, P. & Pap, A. eds. *A Modern Introduction to Philosophy*. Free Press.
 Flew, A. ed. *Logic and Language*. Series 1 & 2. Blackwell.
 Hospers, J. *An Introduction to Philosophical Analysis*. 2nd ed. Prentice-Hall or Routledge, 1967.
 Kraft, V. *The Vienna Circle*. Philosophical Library.
 Pap, A. *Elements of Analytic Philosophy*. Macmillan.
 Passmore, J. *A Hundred Years of Philosophy*. 2nd ed. Duckworth.
 Pears, D. F. ed. *The Nature of Metaphysics*. Macmillan.
 Russell, B. *A History of Western Philosophy*. Allen & Unwin.
 Urmson, J. O. *Philosophical Analysis*. O.U.P.
 Warnock, G. J. *English Philosophy Since 1900*. Oxford H.U.L.

(b) Logical Atomism and Logical Positivism

- Ammerman, R. R. ed. *Classics of Analytic Philosophy*. McGraw-Hill.
 Anscombe, G. E. M. *An Introduction to Wittgenstein's Tractatus*. Hutchinson.
 Ayer, A. J. *Language, Truth and Logic*. Gollancz.
 Bergman, G. *The Metaphysics of Logical Positivism*. Longmans Green.
 Bergman, G. *Logic and Reality*. Wisconsin U.P.
 Black, M. *A Companion to Wittgenstein's Tractatus*. C.U.P.
 Copi, I. M. & Beard, R. W. eds. *Essays in Wittgenstein's Tractatus*. Routledge.
 Fann, K. T. *Wittgenstein's Conception of Philosophy*. California U.P.
 Gross, B. *Analytic Philosophy*. Pegasus.
 Linsky, L. ed. *Semantics and the Philosophy of Language*. Univ. of Illinois.
 Moore, G. E. *Some Main Problems of Philosophy*. Allen & Unwin.
 Pears, D. F. *Bertrand Russell and The British Tradition in Philosophy*. Fontana.
 Pitcher, G. *The Philosophy of Wittgenstein*. Prentice-Hall.
 Popper, K. *The Logic of Scientific Discovery*. Hutchinson.
 Quine, W. V. *From a Logical Point of View*. Harper Torch.
 Rhees, R. *Discussions of Wittgenstein*. Schocken Books.
 Russell, B. *Mysticism and Logic*. Penguin.
 Russell, B. *Problems of Philosophy*. Oxford H.U.L.
 Scheffler, I. *The Anatomy of Inquiry*. Knopf.
 Schilpp, P. A. ed. *The Philosophy of Bertrand Russell*. Harper & Row.
 Schlick, M. *Problems of Ethics*. Prentice-Hall.

- Schlick, M. *Philosophy of Nature*. Philosophical Library.
 Stenius, E. *Wittgenstein's Tractatus*. Blackwell, Oxford, 1960.
 Von Mises, R. *Positivism*. Harvard U.P.
 White, M. *Toward Reunion in Philosophy*. Atheneum.
 Winch, P. *Studies in the Philosophy of Wittgenstein*. Humanities Press.

Philosophy of Psychology (Session 2)

Prerequisite: Scientific Method.

A critical examination of some aspects of fundamental theory of psychology, with special emphasis on classical and contemporary behaviourism and behaviourist orientated psychology, and on the general conceptions of 'behaviour' and 'purpose'.

While Psychology I is not a prerequisite for this course, a preparatory survey of the introductory chapters of J. O. Whittaker's *Psychology* will be of value to students.

REFERENCE BOOKS

- Beckner, M. *The Biological Way of Thought*. Columbia U.P., 1959.
 Bindra, D. & Stewart, J. *Motivation*. Penguin, 1966.
 Bridgman, P. W. *The Logic of Modern Physics*. Macmillan, 1960. Paperback.
 Campbell, K. *Body and Mind*. Macmillan & Doubleday.
 Danto, A. & Morgenbesser, S. *Philosophy of Science*. Meridian, 1960. Paperback.
 Dennis, W. *Readings in the History of Psychology*. Appleton-Century-Crofts, 1948.
 Estes, W. K. et al. *Modern Learning Theory*. Appleton-Century-Crofts.
 Fodor, J. A. *Psychological Explanation*. Random House, 1968.
 Fodor, J. A. & Katz, J. *The Structure of Language*. Prentice-Hall.
 Frank, P. G. *The Validation of Scientific Theories*. Collier, 1961. Paperback.
 Hull, C. L. *Principles of Behaviour*. Appleton-Century-Crofts, 1943.
 Koch, S. ed. *Psychology: A Study of a Science*. McGraw-Hill.
 Peters, R. S. ed. *Brett's History of Psychology*. Rev. ed. Allen & Unwin, 1962.
 Pitcher, G. ed. *Wittgenstein: The Philosophical Investigation*. Doubleday-Anchor, 1956.
 Popper, K. *Conjectures & Refutations*. Routledge & Kegan Paul, 1963.
 Presley, C. F. *The Identity Theory of Mind*. Queensland U.P., 1967.
 Scheffler, I. *Science & Subjectivity*. Bobbs-Merrill, 1967.
 Scheffler, I. *The Anatomy of Inquiry*. Knopf, 1963.
 Shoemaker, S. *Self-Knowledge and Self-Identity*. Cornell, 1963.
 Skinner, B. F. *The Behaviour of Organisms*. Appleton-Century-Crofts.
 Tolman, E. C. *Collected Papers*. Univ. of California Press, Berkeley, 1962.
 Tolman, E. C. *Behaviour and Psychological Man*. California U.P.
 Watson, J. P. *Psychology from the Standpoint of a Behaviourist*. J. B. Lippincott.
 Whittaker, J. O. *Introduction to Psychology*. Saunders, 1965.

Philosophy of Biology (Session 2)

Prerequisite: Introductory Philosophy A and B.

An introduction to some of the problems associated with the philosophy of biology. Main consideration is the autonomy of biology; i.e., whether biology is in principle reducible to the physical sciences and, ultimately, to physics, or whether the biologist necessarily employs types of description and explanation that have no application in the explanation and description of merely physical phenomena. No prior knowledge of biology is assumed but candidates will be expected to familiarize themselves with the attitudes of various biologists to these issues.

TEXTBOOK

Nagel, E. *The Structure of Science*. Routledge.

REFERENCE BOOKS

Beckner, M. *The Biological Way of Thought*. Columbia U.P.

Agar, W. E. *A Contribution to the Theory of Living Organisms*. Melbourne U.P. and C.U.P.

Bertalanffy, L. von. *Problems of Life*. Watts & Co.

Bertalanffy, L. von. *Modern Theories of Development*. O.U.P.

Braithwaite, R. B. *Scientific Explanation*. C.U.P.

Haldane, J. S. *Mechanism, Life and Personality*. John Murray.

Haldane, J. S. *The Philosophical Basis of Biology*. Hodder & Stoughton.

Lillie, R. S. *General Biology and Philosophy of Organism*. Chicago U.P.

Schubert-Soldern, R. *Mechanism and Vitalism: Philosophical Aspects of Biology*. Notre Dame U.P.

Russell, E. S. *The Directiveness of Organic Activities*. C.U.P.

Sommerhoff, G. *Analytical Biology*. O.U.P.

Tinbergen, N. *The Study of Instinct*. O.U.P.

Woodger, J. H. *Biological Principles*. Routledge.

Woodger, J. H. *Biology and Language*. C.U.P.

Aesthetics (Session 2)

Prerequisite: Introductory Philosophy A and B.

An examination of the central concepts, types of judgment and theories occurring in the fields of aesthetics, art criticism and literary criticism.

TEXTBOOK

Coleman, F. J. ed. *Contemporary Studies in Aesthetics*. McGraw-Hill.

REFERENCE BOOKS

Boyce Gibson, A. *Muse and Thinker*. Methuen.

Elton, W. ed. *Aesthetics and Language*. O.U.P. Blackwell.

Gombrich, E. H. *Art and Illusion*. Phaidon.

Goodman, N. *Languages of Art*. Bobbs-Merrill.

Langer, S. K. *Problems of Art*. Scribners, N.Y.

Margolis, J. ed. *Philosophy Looks at the Arts*. Scribners.

Margolis, J. *The Language of Art and Art Criticism*. Wayne State U.P.

Vivas, E. & Murray, K. eds. *The Problems of Aesthetics*. Holt, Rinehart & Winston.

Wollheim, R. *Art and Its Objects*. Harper & Row.

Wittgenstein, L. *Lectures and Conversations on Aesthetics, Psychology, and Religion*. Barrett, C. ed. Blackwell.

Ziff, P. *Philosophic Turnings: Essays in Conceptual Appreciation*. O.U.P.

Existentialism (Session 2)

Prerequisite: Descartes.

Sartre's account of man-in-the-world. Sartre's ontology, his use of a phenomenological method and his ethics.

TEXTBOOKS

Sartre, J.-P. *Being and Nothingness*. Methuen.

Manser, A. *Sartre, A Philosophic Study*. Athlone Press.

REFERENCE BOOKS

Sartre, J.-P. *The Transcendence of the Ego*. Williams, F. & Kirkpatrick, R. trans. Noonday Press.

Sartre, J.-P. *Imagination: A Psychological Critique*. Williams, F. trans. Michigan U.P.

Sartre, J.-P. *Nausea*. Baldick, R. trans. Penguin.

Sartre, J.-P. *Sketch for a Theory of the Emotions*. Mairet, P. trans. Methuen.

Sartre, J.-P. *Intimacy*. Alexander, I. trans. Panther Books.

- Sartre, J.-P. *The Psychology of the Imagination*. Frechtman, B. trans. Rider.
 Sartre, J.-P. *Two Plays. (The Flies, In Camera)*. Gilbert, S. trans. Hamish Hamilton.
 Sartre, J.-P. *Three Plays*. Hamish Hamilton.
 Sartre, J.-P. *Literary and Philosophical Essays*. Michielson, A. trans. Rider.
 Sartre, J.-P. *Portrait of an Anti-Semite*. de Mauny, E. trans. Secker & Warburg.
 Molina, F. *Existentialism as Philosophy*. Prentice-Hall.
 Cranston, M. *Freedom*. Longmans.
 Cumming, R. D. ed. *The Philosophy of Jean-Paul Sartre*. Methuen.
 Murdock, I. *Sartre*. Bowes & Bowes.
 Warnock, M. *The Philosophy of Sartre*. Hutchinson Uni. Library.

Plato and Aristotle (Session 2)

Prerequisite: Greek Philosophy: Thales to Plato.

A course centred around some of the later dialogues of Plato (*Parmenides*, *Theaetetus*, *Sophist*) and the *Categories* and *De Interpretatione* of Aristotle.

TEXTBOOK

Plato. *Parmenides, Theaetetus, Sophist, Statesman*. Everyman.

REFERENCE BOOKS

- Allen, R. E. *Studies in Plato's Metaphysics*. Routledge.
 Aristotle. *The Works of Aristotle Translated into English*. Vol. I. Logic. O.U.P.
 Burnet, J. *Greek Philosophy*. Macmillan.
 Cornford, F. M. *Plato and Parmenides*. Routledge.
 Cornford, F. M. *Plato's Theory of Knowledge*. Routledge.
 Crombie, I. M. *An Examination of Plato's Doctrines*. Vol. II. *Plato on Knowledge and Reality*. Routledge.
 Moravcsik, J. M. E. *Aristotle*. Papermac.
 Robinson, R. *Plato's Earlier Dialectic*. O.U.P.
 Ross, W. D. *Plato's Theory of Ideas*. O.U.P.
 Vlastos, G. ed. *Plato. Vol. I. Metaphysics and Epistemology*. Macmillan.

Spinoza and Leibniz (Session 2)

Prerequisite: Descartes.

A study of the main issues raised in the philosophy of the two great seventeenth century rationalists, with emphasis upon the development of their metaphysical systems in response to unresolved problems in the philosophy of Descartes and to contemporary scientific thinking. Their ethical views.

TEXTBOOKS

- Leibniz, G. W. *Selections*. Wiener, P. P. ed. Scribner.
 Spinoza, B. *Ethics and On the Improvement of the Understanding*. Both available in *Works of Spinoza*. Elwes, R. H. M. trans. Dover.

REFERENCE BOOKS

- Alexander, H. G. ed. *The Leibniz-Clarke Correspondence*. Manchester U.P.
 Buehdahl, G. *Metaphysics and the Philosophy of Science*. Blackwell.
 Copleston, F. *A History of Philosophy*. Vol. 4. Doubleday.
 Curley, E. M. *Spinoza's Metaphysics: An Essay in Interpretation*. Harvard U.P.
 Hallett, H. F. *Spinoza: The Elements of His Philosophy*. Athlone.
 Joseph, H. W. B. *Lectures on the Philosophy of Leibniz*. Clarendon.
 Leibniz, G. W. *Monadology and Other Writings*. Latta, R. H. ed. O.U.P.
 Leibniz, G. W. *Discourse on Metaphysics*. Lucas, P. G. & Grint, L. eds. Manchester U.P.
 Parkinson, G. H. R. *Logic and Reality in Leibniz's Metaphysics*. Clarendon.

- Parkinson, H. G. R. *Spinoza's Theory of Knowledge*. Clarendon.
 Rescher, N. *The Philosophy of Leibniz*. Prentice-Hall.
 Russell, B. *The Philosophy of Leibniz*. Allen & Unwin.
 Saw, R. L. *Leibniz*. Pelican.
 Saw, R. L. *The Vindication of Metaphysics*. Macmillan.
 Spinoza, B. *Earlier Philosophical Writings*. Hayes, F. A. trans. Library of Liberal Arts.

Set Theory (Session 1)

Prerequisite: Predicate Logic.

An axiomatic development of Zermelo-Fraenkel set theory, including a construction of the natural numbers, equinumerosity, ordinal and cardinal numbers, the axiom of choice and some of its consequences.

TEXTBOOK

Suppes, P. *Axiomatic Set Theory*. Van Nostrand.

REFERENCE BOOKS

- Bernays, P. & Fraenkel, A. A. *Axiomatic Set Theory*. North Holland.
 Fraenkel, A. A. *Abstract Set Theory*. North Holland.
 Fraenkel, A. A. & Bar-Hillel, Y. *Foundations of Set Theory*. North Holland.
 Halmos, P. *Naive Set Theory*. Van Nostrand.
 Kalish, D. & Montague, R. *Logic: Techniques of Formal Reasoning*. Harcourt, Brace & World.
 Quine, W. V. *Set Theory and Its Logic*. Harvard U.P.
 Russell, B. *Introduction to Mathematical Philosophy*. Allen & Unwin.
 Sierpinski, W. *Cardinal and Ordinal Numbers*. Polish Scientific Publishers.

Philosophy of Perception (Session 1)

Prerequisite: Descartes or British Empiricism.

What it is that we are directly aware of when we perceive something. Emphasis on twentieth-century sense-data theories and their critics.

TEXTBOOK

There is no set text, but each student should, in consultation with the lecturer, select at least one of the reference books for especially close reading.

REFERENCE BOOKS

- Armstrong, D. M. *Perception and the Physical World*. Routledge.
 Austin, J. L. *Sense and Sensibilia*. O.U.P.
 Ayer, A. J. *The Foundations of Empirical Knowledge*. Macmillan.
 Hirst, R. J. *The Problems of Perception*. Allen & Unwin.
 Mill, J. S. *An Examination of Sir William Hamilton's Philosophy*. Longmans Green.
 Moore, G. E. *Some Main Problems of Philosophy*. Allen & Unwin.
 Price, H. H. *Perception*. Methuen.
 Schilpp, P. A. *The Philosophy of G. E. Moore*. Northwestern U.P.
 Warnock, G. J. *The Philosophy of Perception*. O.U.P.

Privacy and Other Minds (Session 1)

Prerequisite: Descartes or British Empiricism or Philosophy of Psychology.

An introduction to the questions of (a) whether there is anything that a person can know which it is logically impossible for anybody else to know, (b) whether it is logically possible that anybody should speak a language that cannot be understood by anybody else, and (c) how we come to understand another person's mind.

TEXTBOOK

Saunders, J. T. & Henze, D. F. *The Private Language Problem*. Random House.

REFERENCE BOOKS

- Armstrong, D. M. *The Materialist Theory of Mind*. Routledge.
 Ayer, A. *The Concept of a Person*. Macmillan.
 Castaneda, H. N. ed. *Intentionality, Minds and Perception*. Wayne State U.P., 1967.
 Chisholm, R. M. *Realism and the Background of Phenomenology*. Free Press.
 Dennett, D. C. *Content and Consciousness*. Routledge.
 Malcolm, N. *Knowledge and Certainty: Essays and Lectures*. Prentice-Hall.
 Pitcher, G. ed. *Wittgenstein: The Philosophical Investigations*. Doubleday.
 Presley, C. F. *The Identity Theory of Mind*. Queensland U.P.
 Royal Institute of Philosophy Lectures. Vol. 1. 1966-67. *The Human Agent*. Macmillan.
 Shoemaker, S. *Self-knowledge and Self-Identity*. Ithaca.
 Strawson, P. F. *Individuals: An Essay in Descriptive Metaphysics*. Methuen.
 Taylor, C. *The Explanation of Behaviour*. Routledge.
 White, A. R. *Philosophy of Action*. O.U.P.
 Wisdom, J. *Other Minds*. Blackwell.
 Wittgenstein, L. *Philosophical Investigations*. Blackwell.
 Wittgenstein, L. *The Blue and Brown Books*. Blackwell.

History of Modern Logic (Session 1)

Prerequisite: Predicate Logic.

A historical treatment of selected topics in logic since Boole, with particular reference to Frege, Russell and Wittgenstein.

TEXTBOOK

Kneale, W. & M. *The Development of Logic*. O.U.P.

REFERENCE BOOKS

- Boole, G. *The Mathematical Analysis of Logic*. O.U.P.
 Boole, G. *The Laws of Thought*. Dover.
 Carnap, R. *The Logical Structure of the World*. George, R. A. trans. Routledge.
 Carnap, R. *Meaning and Necessity*. Univ. of Chicago.
 Copi, I. M. & Gould, J. A. eds. *Readings in Logic*. Collier.
 Frege, G. *The Foundations of Arithmetic*. Austin, J. L. trans. Blackwell.
 Frege, G. *The Basic Laws of Arithmetic: Exposition of the System*. Furth, M. ed. California U.P.
 Geach, P. *Reference and Generality*. Cornell U.P.
 Ramsey, F. P. *The Foundations of Mathematics, and Other Logical Essays*. Routledge.
 Russell, B. *The Principles of Mathematics*. C.U.P.
 Russell, B. *Logic and Knowledge: Essays 1901-1950*. Marsh, R. C. ed. Allen & Unwin.
 Whitehead, A. N. and Russell, B. *Principia Mathematica* to *56. C.U.P.
 Wittgenstein, L. *Tractatus Logico-Philosophicus*. Ogden, C. K. trans. Kegan Paul, Trench & Truber.
 Geach, P. & Black, M. *Translations from the Philosophical Writings of Gottlob Frege*. Blackwell.

History of Traditional Logic (Session 2)

Prerequisite: History of Modern Logic.

A historical treatment of selected topics in logic before 1850, including: the traditional theory of deduction; the rhetorical tradition; topics and fallacies; the medieval theory of terms; traditional treatments of modality; logic in India and China.

TEXTBOOK

Kneale, W. & M. *The Development of Logic*. O.U.P.

REFERENCE BOOKS

Aristotle. *Works of Aristotle Translated into English*. Ross, Sir David ed. O.U.P.

Arnauld, A. *The Art of Thinking*. Dickoff, J. & James. P. trans. Bobbs-Merrill.

Bacon, F. *The New Organon*. Library of Liberal Arts.

Bochenski, V. M. *A History of Formal Logic*. Thomas, I. trans. Notre Dame U.P.

Copi, I. M. & Gould, J. A. eds. *Readings in Logic*. Collier.

Gautama. *Nyayasutras*. Jha, G. ed. Poona Oriental Book Agency.

Geach, P. *Reference and Generality*. Cornell.

Hamblin, C. L. *Fallacies*. Methuen.

Howell, W. S. *Logic and Rhetoric in England, 1500-1700*. Princeton.

Joseph, H. W. B. *An Introduction to Logic*. O.U.P.

Kretzmann, N. trans. *William of Sherwood's "Introduction to Logic."* Minnesota U.P.

Kretzmann, N. trans. *William of Sherwood's "Syncategorematic Words"*. Minnesota U.P.

Lukasiewicz, J. *Aristotle's Syllogistic*. 2nd ed. O.U.P.

Mates, B. *Stoic Logic*. California U.P.

Ong, W. J. *Ramus, Method and the Decay of Dialogue*. Harvard.

Rescher, N. *The Development of Arabic Logic*. Pittsburgh U.P.

Sextus Empiricus. *Works*. 4 vols. Loeb Classical Library. Heinemann.

Stcherbatsky, T. *Buddhist Logic*. 2 vols. Dover.

Whately, R. *Elements of Logic*. Various editions.

Model Theory (Session 2)

Prerequisite: Set Theory.

An introduction to the metamathematics of the predicate calculus from the point of view of model theory. Topics include the deduction theorem, consistency, completeness, theories with equality, prenex normal forms, categoricity and second order theories.

TEXTBOOK

Mendelson, E. *Introduction to Mathematical Logic*. Van Nostrand.

REFERENCE BOOKS

Church, A. *Introduction to Mathematical Logic*. Princeton.

Kleene, S. C. *Introduction to Metamathematics*. Princeton.

Quine, W. V. *Mathematical Logic*. Harvard.

Suppes, P. *Axiomatic Set Theory*. Van Nostrand.

Tarski, A. *Logic, Semantics, Metamathematics*. O.U.P.

Honours Seminar A (Session 1)

For Honours students in their second year. An examination of contemporary philosophical thought concerning, broadly speaking, the nature of ethical judgment.

TEXTBOOKS

Foot, P. *Theories of Ethics*. O.U.P.

Warnock, G. J. *Contemporary Moral Philosophy*. Macmillan.

Honours Seminar B (Session 2)

For Honours students in their second year. The course is based on articles from recent issues of philosophy journals. Students will be expected to read and prepare papers on an individual basis.

REFERENCE BOOKS

To be advised in class.

Honours Seminar C (Sessions 1 and 2)

A two half-year course for Honours students in their third year. In 1972 this will be concerned with the writings of Kant; in particular his metaphysics and epistemology.

TEXTBOOK

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

REFERENCE BOOKS

Bird, G. *Kant's Theory of Knowledge*. Routledge.

Ewing, A. *Short Commentary on Kant's Critique of Pure Reason*. Methuen.

Kant, I. *Prolegomena to Any Future Metaphysics*. Lucas, P. G. ed. Manchester U.P.

Paton, H. J. *Kant's Metaphysics of Experience*. Hutchinson.

Prichard, H. A. *Kant's Theory of Knowledge*. Clarendon.

Smith, N. K. *Commentary on Kant's Critique of Pure Reason*. Macmillan.

Strawson, P. F. *The Bounds of Sense*. Methuen.

Weldon, J. D. *Introduction to Kant's Critique of Pure Reason*. Clarendon.

Wolff, R. F. *Kant's Theory of Mental Activity*. Harvard U.P.

PHYSICS

1.001 Physics I

(For students taking two full years of Physics.)

Mechanics. Wave motion and sound. Physical optics. Electricity and magnetism.

TEXTBOOKS

Bueche, F. *Introduction to Physics for Scientists and Engineers*. McGraw-Hill.

Bueche, F. *A Workbook in Physics for Science and Engineering Students*. McGraw-Hill.

Dunlop, J. I. & Mann, K. *Introductory Electronics*. O.U.P.

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

REFERENCE BOOKS

Ference, M., Lemon, H. & Stephenson, R. J. *Analytical Experimental Physics*. Chicago U.P.

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

Wiedner, R. T. V. & Sells, R. L. *Elementary Classical Physics*. Vols. I & II. Allyn & Bacon.

1.011 Higher Physics I

As for 1.001 but treated at greater depth.

TEXTBOOKS

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

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

Spiegel, M. R. *Theory and Problems of Theoretical Mechanics*. Schaum.

REFERENCE BOOKS

Brophy, J. J. *Basic Electronics for Scientists*. McGraw-Hill. Paperback.

Feynman, R. P., Leighton, R. B. & Sands, M. *The Feynman Lectures on Physics*. Vols. I & II. Addison-Wesley.

Tombouliau, D. H. *Electric and Magnetic Fields*. Harcourt, Brace & World, 1965.

1.041 Physics IC

Mechanics. Newton's laws of motion. Rotational dynamics. Wave motion. Physical optics: interference, diffraction, polarized light. Geometrical optics. Properties of matter. Electricity: electrostatics, current electricity, electromagnetism, alternating currents. Elementary modern physics.

TEXTBOOKS

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

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

Lishmund, R. E. *Introductory Physical and Geometrical Optics*. U.N.S.W.

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

For all Students taking Physics I:

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

REFERENCE BOOKS

Ference, M., Lemon, H. & Stephenson, R. J. *Analytical Experimental Physics*. C.U.P.

Richards, J. A., Sears, F. W., Wehr, M. R. & Zemansky, M. W. *Modern University Physics*. Addison-Wesley, 1960.
Stephenson, R. J. *Mechanics and Properties of Matter*. 2nd ed. Wiley, 1960.
Wiedner, R. T. V. & Sells, R. L. *Elementary Modern Physics*. Vol. III. Allyn & Bacon, 1960.

Level II Physics Units

For these units a pass in 10.001 Mathematics I is a prerequisite and Unit 10.211A of Applied Mathematics II is a co-requisite.

Note: Units 1.112A, B and C together are equivalent to the old subject 1.112 Physics II.

1.112A Electromagnetism

Electrostatics in vacuum and in dielectrics. Magnetostatics in vacuum and in dielectrics. Magnetic materials. Maxwell's equations and simple applications.

TEXTBOOK

Whitmer, R. M. *Electromagnetics*. 2nd ed. Prentice-Hall, 1962.

1.112B Modern Physics

Special relativity. Quantum theory. Schrödinger wave equation and simple applications. Atomic and nuclear physics. Nuclear reactions.

TEXTBOOK

Beiser, A. *Perspectives of Modern Physics*. Rev. ed. McGraw-Hill, 1969.

REFERENCE BOOKS

Mermin, N. D. *Space and Time in Special Relativity*. McGraw-Hill, 1968.
Weidner, R. T. V. & Sells, R. L. *Elementary Modern Physics*. Vol. III. Allyn & Bacon.

1.112C Waves in Continuous Media and Thermodynamics

Continuum Mechanics: Oscillations and forced vibrations, Fourier analysis, travelling waves and wave packets.

Thermodynamics: First and second laws of thermodynamics. Thermodynamic functions and simple applications.

TEXTBOOKS

Crawford, P. S. *Waves*, McGraw-Hill, 1968.

Sears, F. W. *Thermodynamics, the Kinetic Theory of Gases and Statistical Mechanics*. Addison-Wesley.

REFERENCE BOOKS

Spiegel, M. R. *Theory & Problems of Theoretical Mechanics*. Schaum.

Zemansky, M. W. *Heat & Thermodynamics*. 5th ed. McGraw-Hill, 1968.

Higher Physics Level II Units

For these units a pass in 1.011 Higher Physics I is a prerequisite and Unit 10.211A of Applied Mathematics II is a co-requisite.

Note: Units 1.122A, B and C together are equivalent to the old subject 1.122 Higher Physics II.

1.122A Electromagnetism

Further electrostatics. Poisson's and Laplace's equations. Ferromagnetism. Maxwell's equations and application to waves in isotropic dielectrics. Poynting vector.

TEXTBOOK

Corson, D. & Lorrain, P. *Introduction to Electromagnetic Fields and Waves*. Freeman, 1962.

REFERENCE BOOKS

Panofsky, W. K. H. & Phillips, M. *Classical Electricity and Magnetism*. 2nd ed. Addison-Wesley.

1.122B Quantum Physics

As for 1.112B but treated at a higher level; including some solid state physics.

TEXTBOOK

Eisberg, R. M. *Fundamentals of Modern Physics*. Wiley, 1961.

REFERENCE BOOK

Mermin, N. D. *Space and Time in Special Relativity*. McGraw-Hill, 1968.

1.122C Thermodynamics and Mechanics

Thermodynamics: As for 1.112C Thermodynamics but at higher level and with some additional topics.

Mechanics: Oscillations and forced vibrations, Lagrange's equation, variational principles, Hamilton's equations.

TEXTBOOKS

Symon, K. R. *Mechanics*. 2nd ed. Addison-Wesley, 1965.

Zemansky, M. W. *Heat and Thermodynamics*. 5th ed. McGraw-Hill, 1969.

For all Students taking Level II Physics Laboratory:

Coster, H. G. L. *Experimental Physics*. U.N.S.W.

REFERENCE BOOKS

Goldstein, H. *Classical Mechanics*. Addison-Wesley.

Pippard, A. B. *Classical Thermodynamics*. C.U.P., 1964.

Spiegel, M. R. *Theory and Problems of Theoretical Mechanics*. Schaum Pub. Co.

POLITICAL SCIENCE

Courses in the School of Political Science are concerned with the study of political ideas, institutions and activity in such a way as to encourage a critical understanding of the problems and processes of government and politics in different societies and at different times, and of some of the main theories that have been developed to account for, and sometimes advocate, these governmental forms and actions.

54.111 Political Science I**SESSION 1**

General introduction on the nature of politics, with emphasis on theories of democracy and some major political theories illustrated by some "great debates" on important general political issues.

SESSION 2

The study of Australian Government and Politics and an introduction to international politics.

TEXTBOOKS

- Crisp, L. F. *Australian National Government*. Longmans, 1970. Paperback.
 Dahl, R. *Modern Political Analysis*. 2nd ed. Prentice-Hall, 1969.
 Dahl, R. *Polyarchy — Participation and Opposition*. Yale U.P., 1971.
 Frankel, J. *International Relations*. 2nd ed. O.U.P., 1969.
 Friedrich, C. J. *An Introduction to Political Theory*. Harper & Row, 1967.
 Mayer, H. ed. *Australian Politics—A Second Reader*. Cheshire, 1969. Paperback.
 Miller, J. D. B. *The Nature of Politics*. Pelican, 1965.
 Sawyer, G. *Australian Government Today*. M.U.P. Latest edition.
 Tinder, G. *Political Thinking: The Perennial Questions*. Little, Brown, 1970. Paperback.

REFERENCE BOOKS

- Campbell, E. & Whitmore, H. *Freedom in Australia*. Sydney U.P., 1966.
 Claude, I. L. *The Changing United Nations*. Random House, 1967. Paperback.
 Colman, I. *Private Men and Public Causes*. Faber & Faber.
 Crick, B. *In Defence of Politics*. Pelican, 1964.
 Davies, A. F. *Australian Democracy*. Longmans, 1964.
 Davis, S. R. *The Government of the Australian States*. Longmans, 1960.
 Deutsch, K. W. *An Analysis of International Relations*. Prentice-Hall, 1968.
 Encel, S. *Equality and Authority*. Cheshire, 1970.
 Hughes, C. A. ed. *Readings in Australian Government*. Queensland U.P., 1968.
 Jupp, J. *Australian Party Politics*. M.U.P., 1968.
 Kuhn, T. S. *The Structure of Scientific Revolutions*. Chicago U.P., 1969.
 MacDonald, L. C. *Western Political Theory*. McGraw-Hill, 1964.
 Millar, T. B. *Australia's Defence*. M.U.P., 1969.
 Morgenthau, H. *Politics Among Nations*. 4th ed. Knopf, 1967.
 Morrall, J. B. *Political Thought in Medieval Times*. Hutchinson.
 Peters, R. *Hobbes*. Peregrine, 1967. Paperback.
 Plato. *Last Days of Socrates*. Penguin, 1969. Paperback.
 Vaegelin, E. *The New Science of Politics*. Chicago U.P., 1968.

SESSION 1

Either Comparative European Governments or Government and Politics in the United States.

SESSION 2

Comparative Foreign Policy.

In each session a short course on Modern Ideologies will run parallel with the major course, Part I in Session 1 and Part II in Session 2.

54.112 Political Science II**TEXTBOOKS****(a) *Comparative European Governments***

Edinger, L. J. *Politics in Germany*. Little, Brown, 1968.

Ehrmann, H. W. *Politics in France*. Little, Brown, 1968.

Galli, G. & Prandi, A. *Patterns of Political Participation in Italy*. Yale U.P., 1970.

Macridis, R. C. & Brown, B. *The de Gaulle Republic: Quest for Unity and Supplement to the de Gaulle Republic*. Dorsey Press, 1960-63.

(b) *Government & Politics in the United States*

Saye, A. B., Pound, M. & Allums, J. *Principles of American Government*. 6th ed. Prentice-Hall, 1970.

Berman, D. M. & Loeb, L. S. *Laws & Men*. Collier-Macmillan, N.Y., 1970.

(c) *Modern Ideologies*

Plamenatz, J. *Ideology*. Praeger, 1970. Paperback.

Rubenstein, A. Z. & Thumm, G. W. *The Challenge of Politics*. Prentice-Hall, 1970.

REFERENCE BOOKS**(a) *Comparative European Governments***

Adams, J. C. & Barile, P. *The Government of Republican Italy*. Houghton Mifflin, Boston, 1961.

Almond, G. A. *The Struggle for Democracy in Germany*. North Carolina U.P., 1949.

Almond, G. A. & Powell, G. B. *Comparative Politics: A Developmental Approach*. Little, Brown, Boston, 1966.

Almond, G. A. & Verba, S. *The Civic Culture*. Little, Brown, 1965.

Andrews, W. G. ed. *European Political Institutions*. Van Nostrand, 1966.

Andrews, W. G. ed. *European Politics II: The Dynamics of Change*. Van Nostrand, 1969.

Arndt, H. J. *West Germany: Politics of Non-Planning*. Syracuse U.P., 1967.

Aron, R. *France, Steadfast and Changing: The Fourth to the Fifth Republic*. Harvard U.P., 1960.

Banfield, E. *The Moral Basis of a Backward Society*. Free Press, 1958.

Braunthal, G. *The Federation of German Industry in Politics*. Cornell U.P., N.Y., 1965.

Campbell, P. *French Electoral Systems*. Archon Books. London, 1965.

Carter, G. M. & Westin, A. F. *Politics in Europe: Five Cases in European Government*. Harcourt, Brace, 1965.

Chalmers, D. A. *The Social Democratic Party of Germany*. Yale U.P., 1964.

Cobban, A. *A History of Modern France*. 2 vols. Penguin, 1961.

Dahl, R. *Political Oppositions in Western Democracies*. Yale U.P., 1966.

Dahrendorf, R. *Society & Democracy in Germany*. Doubleday, N.Y., 1967.

De Gaulle, C. *The Edge of the Sword*. Criterion, N.Y., 1960.

Deutsch, K. W. et al. *France, Germany and the Western Alliance*. Scribners, N.Y., 1967.

Deutsch, K. W. & Edinger, L. *Germany Rejoins the Powers*. Stanford U.P., 1959.

Ehrmann, H. W. ed. *Interest Groups on Four Continents*. Pittsburgh U.P., 1964.

Einaudi, M. *Christian Democracy in Italy and France*. Notre Dame U.P., 1952.

Friedrich, C. J. *Constitutional Government and Democracy*. Ginn, 1950.

Gimbel, J. *A German Community under American Occupation*. Stanford U.P., 1961.

- Golay, J. F. *The Founding of the Federal Republic of Germany*. Chicago U.P., 1958.
- Grosser, A. G. *The Federal Republic of Germany*. Praeger, London, 1964. Paperback.
- Grosser, A. G. *French Foreign Policy under de Gaulle*. Little, Brown, Boston, 1967.
- Heidenheimer, A. J. *Adenauer and the C.D.U.* Nijhoff, The Hague, 1960.
- Heidenheimer, A. J. *The Governments of Germany*. Crowell, N.Y., 1966.
- Hiscocks, R. *Democracy in Western Germany*. O.U.P., 1957.
- Hiscocks, R. *Germany Revived. An Appraisal of the Adenauer Era*. Gollancz, 1966.
- Hoffman, S. et al. *In Search of France*. Harvard U.P., 1963.
- Horowitz, D. L. *The Italian Labour Movement*. Harvard U.P., 1963.
- Jaspers, K. *The Future of Germany*. Chicago U.P., 1967.
- Kesselman, M. *The Ambiguous Consensus: A Study of Local Government in France*. Knopf, N.Y., 1967.
- Kizinger, U. *German Electoral Politics*. O.U.P., 1960.
- Kogan, N. A. *Political History of Post War Italy*. Harper & Row, 1965.
- Lacoutoure, J. *De Gaulle*. New American Library, N.Y., 1966.
- La Palombara, J. *Interest Groups in Italian Politics*. Princeton U.P., 1964.
- Lipset, S. M. & Rokkan, S. eds. *Party Systems and Voter Alignments: Cross National Perspectives*. Free Press, 1967.
- Lowenberg, G. *Parliament in the German Political System*. Cornell U.P., N.Y., 1967.
- Mammarella, G. *Italy after Fascism*. Notre Dame U.P., 1966.
- Merkel, P. H. *Germany: Yesterday & Tomorrow*. O.U.P., 1964.
- Merkel, P. H. *The Origins of the West German Republic*. O.U.P., 1964.
- Neumann, F. *Behemoth*. Harper, N.Y., 1966.
- Neumann, S. *Modern Political Parties*. Chicago U.P., 1956.
- Noelle, E. & Neumann, E. P. eds. *The Germans: Public Opinion Polls, 1947-1966*. Verlag fur Demoskopie, Allensbach Bonn, 1967.
- Pickles, D. *The Fifth Republic*. Praeger, N.Y., 1962.
- Pinney, E. L. *Federalism, Bureaucracy and Party Politics in West Germany: The Role of the Bundestag*. North Carolina U.P., 1963.
- Remond, R. *The Right Wing in France: From 1815 to de Gaulle*. Pennsylvania U.P., 1968.
- Stahl, W. ed. *The Politics of Post-War Germany*. Praeger, N.Y., 1963.
- Thomson, D. *Democracy in France since 1870*. O.U.P., 1964. Paperback.
- Viansson-Ponte, P. *The King and his Court*. Houghton, Mifflin, Boston, 1965.
- Webster, R. A. *Christian Democracy in Italy, 1860-1960*. O.U.P., 1962.
- Webster, R. A. *The Cross and the Fasces*. Stanford U.P., 1960.
- Wells, R. H. *The States in Western German Federalism: A Study in Federal State Relations*. Bookman, N.Y., 1961.
- Werth, A. *De Gaulle: A Political Biography*. Penguin, Baltimore, 1965.
- Williams, P. M. *Crisis and Compromise: Politics in the Fourth Republic*. Doubleday, 1966.
- Williams, P. M. *The French Parliament, Politics in the Fifth Republic*. Praeger, N.Y., 1968.
- Williams, P. M. *French Politicians & Elections, 1951-1969*. C.U.P., 1970.
- Williams, P. M. *Politics in Post-War France*. 2nd ed. Longmans, 1958. Also published as *Crisis and Compromise; Politics in the Fourth Republic*. 3rd ed. Longmans, 1964.
- Williams, P. M. & Harrison, M. *De Gaulle's Republic*. Longmans, 1960.
- Willis, R. *France, Germany and the New Europe, 1945-1963*. Stanford U.P., 1965.
- Wright, G. *France in Modern Times*. Rand McNally, 1960.
- Wright, G. *Rural Revolution in France, The Peasantry in the Twentieth Century*. Stanford U.P., 1964.

(b) *Government and Politics in the United States**Hard Covers*

- Adrian, C. R. & Press, C. *The American Political Process*. McGraw-Hill, 1965.
 Bone, H. A. *American Politics & the Party System*. McGraw-Hill, 1965.
 Burns, J. M. & Peltason, J. W. *Government by the People*. 6th ed. Prentice-Hall, 1966.
 Heren, L. *The New American Commonwealth*. Weidenfeld & Nicolson, London, 1968.
 Pritchett, C. H. *The American Constitutional System*. McGraw-Hill, 1963.
 Scott, A. M. *Political Thought in America*. Holt, Rinehart & Winston, 1964.

Paperbacks

- Boorstin, D. *The Genius of American Politics*. Chicago U.P., 1958.
 Greenstein, F. I. *The American Party System & the American People*. Prentice-Hall, 1970.
 Griffith, E. *The American System of Government*. Methuen, 1964.
 Havard, W. & Mayhew, D. *Institutions and Practices of American Government*. Allyn & Bacon, 1967.
 James, D. *The Contemporary Presidency*. Pegasus, 1969.
 Kendall, W. & Carey, G. *Liberalism versus Conservatism*. Van Nostrand, 1966.
 Leach, R. H. *American Federalism*. Norton, 1970.
 Mason, A. T. & Beaney, W. M. *The Supreme Court in a Free Society*. N. W. Norton, 1968.
 Neustadt, T. R. *Presidential Power*. Signet Books, 1960.
 Potter, A. M. *American Government & Politics*. Faber N.Y., 1959.
 Westin, A. ed. *The Centers of Power*. Collier-Macmillan, 1964.
 Westin, A. F. et. al. *Views of America*. Harcourt, Brace, 1966.

Note: Students should consult the bibliographies in the textbook by Berman & Loeb, and in Burns and Peltason: *Government by the People*, and in many of the other recommended books.

(c) *Modern Ideologies*

- Acton, H. B. *The Illusion of the Epoch*. Cohen & West, 1962.
 Anderson, T. *Masters of Russian Marxism*. Appleton-Century-Crofts, 1963.
 Bell, D. *The End of Ideology*. 2nd ed. Free Press, 1962.
 Calvert, P. *Revolution*. Papermac, 1970.
 Christenson, R. M. et. al. *Ideologies and Modern Politics*. Dodd, Mead & Co., 1971.
 Crick, B. *In Defence of Politics*. Penguin, 1964.
 Feuer, L. ed. *Marx & Engels, Basic Writings on Politics and Philosophy*. Doubleday Anchor, 1959.
 Gellner, E. *Thought & Change*. Weidenfeld & Nicolson, 1964.
 Hayes, C. J. *Nationalism, A Religion*. Macmillan, London, 1960.
 Kedourie, E. *Nationalism*. Hutchinson, 1961.
 Lenin, V. I. *What is to be Done?* (any edition).
 Lenin, V. I. *The State & Revolution* (any edition).
 Marx, K. & Engels, F. *The Communist Manifesto* (any edition).
 Meyer, A. G. *Leninism*. Praeger, 1962.
 Minogue, K. *Nationalism*. Batsford, 1967.
 Nolte, E. *The Three Faces of Fascism*. Mentor, 1969.
 Oakeshott, M. J. *Rationalism in Politics*. Methuen, 1962.
 Oakeshott, M. J. *Social & Political Doctrines of Contemporary Europe*. C.U.P., 1962.
 Plamenatz, J. *German Marxism and Russian Communism*. Longmans, 1961.
 Roehofs, H. *The Language of Modern Politics*. Dorsey.

- Sargent, L. T. *Contemporary Political Ideologies*. Dorsey.
 Schapiro, L. *Nationalism & Rationalism in Russian C19 Political Thought*. Yale U.P., 1967.
 Strauss, L. *'What is Political Philosophy?' and other Essays*. Free Press.
 Watkins, F. *The Age of Ideology*. Prentice-Hall, 1964.

54.122 Political Science II (Honours)

Supplements and extends the theoretical sections of the pass course, with special attention to Marxism and right-wing ideologies.

54.113 Political Science IIIA

Students select as many of the following options as make up a total of 84 hours:

- (1) British Government (28 hours).
- (2) International Relations (28 hours).
- (3) Comparative European Government (28 hours).
- (4) Urban Government & Politics of Cities (28 hours).
- (5) The Government and Politics of India (14 hours).
- (6) Classical Political Theory (14 hours).
- (7) The Politics of Developing Nations (14 hours).
- (8) Politics of Africa (14 hours).

(1) *British Government*

TEXTBOOKS

- Beer, S. *Modern British Politics: A Study of Parties and Pressure Groups*. Faber, 1965.
 McKenzie, R. T. *British Political Parties: the Distribution of Power within the Conservative and Labour Parties*. Mercury Paperbacks, 1964.

REFERENCE BOOKS

- Christoph, J. B. *Capital Punishment and British Politics*. Allen & Unwin, 1962.
 Eckstein, H. *Pressure Group Politics: The Case of the British Medical Association*. Allen & Unwin, 1960.
 Epstein, L. D. *British Politics in the Suez Crisis*. Pall Mall, 1964.
 Finer, S. E. *Back-bench Opinions in the House of Commons 1955-59*. Pergamon, 1961.
 Foot, P. *Immigration and Race in British Politics*. Penguin, 1965.
 Harrison, M. *Trade Union and the Labour Party since 1945*. Allen & Unwin, 1960.
 Haseler, S. *The Gaitskellites: Revisionism in the British Labour Party 1951-64*. Macmillan, 1968.
 Miliband, R. *Parliamentary Socialism: A Study in the Politics of Labour*. Allen & Unwin, 1961.
 Potter, A. *Organised Groups in British National Politics*. Faber, 1961.
 Rogow, A. A. *The Labour Government and British Industry 1945-51*. Oxford, Blackwell, 1955.
 Shonfield, A. *British Economic Policy*. Penguin, 1958.
 Snyder, W. P. *The Politics of British Defence Policy 1945-1962*. Ernest Benn, 1964.
 Steward, J. P. D. *British Pressure Groups*. O.U.P., 1958.
 Wilson, H. H. *Pressure Group: The Campaign for Commercial Television*. Secker & Warburg, 1961.

(2) *International Relations*

TEXTBOOK

- Dougherty, J. E. & Pfaltzgraff, R. L. *Contending Theories of International Relations*. Lippincott, 1971.

REFERENCE BOOKS

- *Holsti, K. J. *International Politics*. Prentice-Hall, 1967.
 *Morgenthau, H. *Politics Among Nations*. 4th ed. Knopf, 1967.
 *Organski, A. F. K. *World Politics*. 2nd ed. Knopf, 1968.
 *Schleicher, C. P. *International Relations, Cooperation and Conflict*. Prentice-Hall, 1963.
 Brierly, J. L. *The Law of Nations*. 6th ed. O.U.P., 1963.
 Buchan, A. *Crisis Management. The New Diplomacy*. The Atlantic Papers —NATO series 2. The Atlantic Institute, 1966.
 Butterfield, H. & Wight, M. eds. *Diplomatic Investigations*. Allen & Unwin, London, 1966. Paperback.
 Farnsworth, L. W. & Gray, R. B. eds. *Security in a World of Change*. Wadsworth, 1969.
 Fried, M., Harris, M. & Murphy, R. eds. *War—the Anthropology of Armed Conflict and Aggression*. Natural History Press, 1968.
 Friedmann, W. *An Introduction to World Politics*. Macmillan, 1964.
 Goodrich, L. M. *The United Nations*. Stevens, 1960.
 Kulski, W. W. *International Politics in a Revolutionary Age*. 2nd. ed. Lippincott, 1968.
 McNeil, E. B. *The Nature of Human Conflict*. Prentice-Hall, 1965.
 Manning, C. A. W. *The Nature of International Society*. London, 1962.
 Masannat, G. & Abcarian, G. *International Politics, Introductory Readings*. Scribner, 1970.
 Meuller, J. E. ed. *Approaches to Measurement in International Relations*. Appleton-Century-Crofts, 1969.
 Miller, L. B. *Dynamics of World Politics: Studies in the Resolution of Conflict*. Prentice-Hall, N.J., 1968. Paperback.
 Pfaltzgraff, R. L. ed. *Politics and the International System*. Lippincott, 1969.
 Puchala, D. J. *International Politics To-Day*. Dodd, Mead & Co., 1971.
 Schuman, F. L. *International Politics*. 7th ed. McGraw-Hill, 1969.
 Sondermann, F. A., Olson, W. C. & McLellan, D. S. eds. *The Theory & Practice of International Relations*. 3rd ed., Prentice-Hall, 1970.
 Van Dyke, V. *International Politics*. 2nd ed. Appleton-Century-Crofts, 1966.
 Waters, M. *The United Nations*. Macmillan, 1967.

(3) *Comparative European Governments*

TEXT AND REFERENCE BOOKS

(As for 54.112 Political Science II, Part (a).)

(4) *Urban Government and the Politics of Cities*

Includes, but is not limited to, some comparative study of local government. Seeks to recognise and explore some general political questions that have been illustrated through the study of city politics and administration.

TEXTBOOKS

- Stretton, H. *Ideas for Australian Cities*. Author, Adelaide, 1970.
 Walsh, A. H. *The Urban Challenge to Government*. Praeger, N.Y., Washington, London.
 Wilson, J. Q. *City Politics & Public Policy*. Wiley, N.Y., 1968.

REFERENCE BOOKS

- Banfield, E. C. *Big City Politics*. Random House, N.Y., 1965.
 Danielson, M. N. *Metropolitan Politics, a Reader*. Little, Brown & Co., 1966.
 Greer, S. A. *Governing the Metropolis*. Wiley, 1962.
 Park, R., Burgess, E. & McKenzie, R. *The City*. Chicago U.P., 1967.
 Cities. A Scientific American Book. Pelican, 1967.

*Strongly recommended.

- Sayre, W. & Kaufman, H. *Governing New York City*. Russell Sage Foundation, N.Y., 1961.
- Spann, R. N. ed. *Public Administration in Australia*. N.S.W. Govt. Printer, 1969.
- Wilkes, J. ed. *Australian Cities: Chaos or Planned Growth?* A. & R. for the Australian Institute of Political Science, 1966.

(5) *The Government and Politics of India*

TEXTBOOKS

- Dean, V. *New Patterns of Democracy in India*. Harvard U.P., 1959.
- Neale, W. C. *India: The Search for Unity, Democracy and Progress*. Van Nostrand, 1965. Paperback.

REFERENCE BOOKS

- Austin, G. *The Indian Constitution: Cornerstone of a Nation*. Clarendon, 1966.
- Baxter, C. *The Jana Sangh: A Biography of an Indian Political Party*. Pennsylvania Univ. 1969.
- Bhasin, P. *Socialism in India*. Young Asia, Delhi, 1969.
- Bhatikal, R. G. ed. *Political Alternatives in India*. Popular Prakashan, Bombay, 1967.
- Brass, P. R. *Factional Politics in an Indian State: The Congress Party in Uttar Pradesh*. California U.P., 1965.
- Erdman, H. L. *The Swatantra Party and Indian Conservatism*. C.U.P., 1967.
- Hanson, A. H. *The Process of Planning: A Study of India's Five Year Plans, 1950-64*. O.U.P., 1966.
- Harrison, Selig. *India: The Most Dangerous Decades*. Princeton U.P., 1960.
- Jones, W. H. M. *Parliament in India*. Longmans, 1957.
- Kochanek, S. A. *The Congress Party of India*. Princeton Univ., 1968.
- Majumdar, B. B. *History of Indian Social and Political Ideas: From Rammohan to Dayananda 1821-1833*. Bookland, Calcutta, 1967.
- Moham Ram. *Indian Communism — Split within a Split*. Vikas Publications, Delhi, 1969.
- Motilal, A. T. *Jana Sangh and Swatantra — A Profile of the Rightist Parties in India*. Manektalas, Bombay, 1967.
- Smith, D. E. *India as a Secular State*. Princeton U.P., 1963.
- Smith, D. E. *South Asian Politics and Religion*. Princeton U.P., 1966.

(6) *Classical Political Theory*

An historical and critical introduction to some of the classic figures in the history of political thought, and a basis from which the "Advanced Political Theory" course will start.

The following book list gives only the main texts to be discussed, together with some additional sources. A more complete list of books will be provided later.

Those asterisked are especially important to read in advance of lectures.

TEXTBOOKS

- Anglo, S. *Machiavelli: A Dissection*. Gollanz, London, 1970.
- *Aristotle. *Politics*. Sinclair, J. A. trans. Penguin.
- *Aristotle. *Rhetoric*. Roberts, W. R. & Bywater, I. trans. Modern Lib., 1954.
- Badian, E. *Lucius Sulla: The Deadly Reformer*. S.U.P., 1970.
- Barrow, R. H., *The Romans*. Penguin.
- Bluhm, W. T. *Theories of the Political System*. 2nd ed. Prentice-Hall, 1971.
- Dunn, J. *The Political Theory of John Locke*. C.U.P., 1969.
- *Hobbes, T. *Leviathan*. Oakeshott, M. ed. O.U.P., 1948.
- *Hume, D. *Political Essays*. Library of Liberal Arts No. 34, N.Y. 1953. Paperback.
- Letwin, S. R. *The Pursuit of Certainty*. C.U.P., 1965.

- Levi, M. *Political Power in the Ancient World*. Mentor, 1965. Paperback.
- *Locke, J. *Two Treatises on Government*. Laslett, P. ed. 2nd ed. C.U.P., 1963.
- *Machiavelli, N. *Prince and Discourses*. Lerner, M. ed. Random House, 1950. Paperback.
- *Marsilius. *Defensor Pacis*. Gewirth, A. trans. Col. U.P., Calif., 1956.
- McDonald, C. L. *Western Political Theory*. Harcourt, Brace & World, N.Y.
- McIlwain, C. H. *The Growth of Political Thought in the West*. Macmillan, N.Y., 1964.
- Myers, J. L. *The Political Ideas of the Greeks*. 1st reprint. Greenwood Press, N.Y., 1968.
- *Plato. *Republic*. Cornford, F. M., trans. O.U.P., 1961.

(7) *Politics of Developing Nations*

TEXTBOOKS

- Finkle, J. L. & Gable, R. W. eds. *Political Development and Social Change*. Wiley, 1966.
- Grant, B. *Indonesia*. M.U.P., 1964.

REFERENCE BOOKS

- Almond, G. A. & Coleman, J. S. eds. *The Politics of Developing Areas*. Princeton, 1960.
- Almond, G. A. & Powell, G. B. *Comparative Politics: A Developmental Approach*. Little, Brown & Co., 1966.
- Emerson, R. *From Empire to Nation*. Harvard, 1960.
- Feith, H. *Decline of Constitutional Democracy in Indonesia*. Cornell, 1962.
- Feith, H. & Castles, L. eds. *Indonesian Political Thinking, 1945-65*. Cornell U.P., 1970.
- Geertz, C. *Old Societies and New States*. Free Press, 1963.
- Hindley, D. *The Communist Party of Indonesia, 1951-63*. California U.P., 1966.
- Janowitz, M. *The Military in the Political Development of New Nations*. Chicago U.P., 1964.
- Kahin, G. M. *Nationalism and Revolution in Indonesia*. Cornell U.P., 1952.
- Kartini, R. A. *Letters of a Javanese Princess*. Norton, 1964.
- Kautsky, J. H. ed. *Political Change in Underdeveloped Countries*. Wiley & Sons, 1962.
- Lerner, D. *The Passing of Traditional Society*. Free Press, 1964.
- McVey, R. *Indonesia*. H.R.A.F. Press, 1967.
- Pye, L. W. *Politics, Personality and Nation Building*. Yale U.P., 1964.

(8) *Politics in Africa*

Deals with the problems of decolonization and modernization in the newly independent African countries, and recently with the relations between African States.

PRELIMINARY READING

- Davidson, B. *Which Way Africa?* Penguin, 1969.

TEXTBOOKS

- Hazelwood, A. ed. *African Integration and Disintegration—Case Studies in Economic and Political Union*. O.U.P., 1967.
- Mazrui, A. A. *Towards a Pax Africana*. Weidenfeld & Nicolson, 1967.

REFERENCE BOOKS

- Andresky, S. *The African Predicament, a Study in the Pathology of Modernization*. Atherton, 1968.
- Apter, D. *The Politics of Modernization*. Chicago U.P., 1965.
- Cockram, G. M., *Vorster's Foreign Policy*. Academica, Pretoria, 1970.
- Curry, D. P. ed. *Federation in the New Nations of Africa*. Chicago U.P., 1964.

- Dodge, D. *African Politics in Perspective*. Van Nostrand, 1966.
- Fanon, F. *The Wretched of the Earth*. Grove Press, 1966.
- Hall, R. *Zambia*. Pall Mall Press, 1969.
- Hughes, A. J. *East Africa: Kenya, Tanzania, Uganda*. Penguin, 1969.
- Kaunda, K. D. *Independence and Beyond*. Nelson, 1966.
- Kohn, H. & Sokolsky, W. *African Nationalism in the 20th Century*. Van Nostrand, 1965.
- Legum, C. *Africa Handbook*. Penguin, 1969.
- Lewis, W. H. *French Speaking Africa: The Search for Identity*. Walker, N.Y., 1965.
- Lloyd, P. C. *Africa in Social Change*. Penguin, 1968.
- Mulford, D. C. *Zambia: the Politics of Independence, 1957-1964*. O.U.P., 1967.
- Nye, J. S. *Pan-Africanism and East African Integration*. Harvard U.P., 1965.
- Nyerere, J. *Freedom and Unity: A Selection of Writings and Speeches*. O.U.P., 1967.
- Oliver, R. & Page, J. D. *A Short History of Africa*. Penguin, 1962.
- Rothschild, D. ed. *Politics of Integration: An East African Documentary*. East African Publishing House, 1968.
- Senghor, L. *On African Socialism*. Pall Mall Press, 1964.
- Sithole, N. *African Nationalism*. O.U.P., Capetown, 1961.
- Zolberg, A. R. *One Party Government in the Ivory Coast*. Rev. ed. Princeton U. P., 1969. Paperback.

54.123 Political Science IIIA (Honours)

Consists of special and intensive study of aspects of the Pass Course in 54.113 Political Science IIIA. Students select two of the following: (1) Advanced International Relations. (2) Advanced Political Theory. (3) Advanced Politics of Developing Nations. (4) International Politics of East Asia. (5) Contemporary Political Theory.

Students should consult the School for further required and recommended reading.

54.143 Political Science IIIB (Honours)

54.143 Political Science IIIB (Honours) is open only to students who are also enrolled in 54.123 Political Science IIIA (Honours). In addition to 54.113 Political Science IIIA and 54.123 Political Science IIIA (Honours), students will select an additional 28 hours from the options not already taken in 54.113 Political Science IIIA, as well as two of the options not already taken in 54.123 Political Science IIIA (Honours).

54.114 Political Science IV (Honours)

Includes (1) a thesis: students will be required to undertake an original piece of work extending throughout the year and to submit a thesis based upon it; (2) methodology; (3) theories of politics: thorough examination of three major recent theories or "schools of thought", for example, Max Weber's sociology of politics, the group theory of politics, systems analysis; (4) a seminar on the aspect of international politics; (5) to be arranged between students and the Head of the School.

PSYCHOLOGY

12.001 Psychology I

An introduction to the content and methods of psychology as a behavioural science, with special emphasis on (a) the biological and social bases of behaviour, (b) learning, and (c) individual differences.

The course includes training in methods of psychological enquiry, and the use of elementary statistical procedures.

Part A—Theory

TEXTBOOKS

Morgan, C. T. & King, R. A. *Introduction to Psychology*. 4th ed. McGraw-Hill, 1971.

and

Hebb, D. O. *Textbook of Psychology*. 2nd ed. Saunders, 1966. (Recommended as an additional textbook for intending Honours students.)

REFERENCE BOOKS

Altman, J. *Organic Foundations of Animal Behaviour*. Holt, 1966.

Anastasi, A. *Individual Differences*. Wiley, N.Y., 1965.

Beech, H. R. *Changing Man's Behaviour*. Penguin, 1969.

Coopersmith, S. *Frontiers of Psychological Research*. Readings from Scientific American. Freeman, 1964.

Cronbach, L. J. *Essentials of Psychological Testing*. 3rd ed., 1970. Harper & Row.

Deese, J. *Psycholinguistics*. Allyn & Bacon, 1970.

Lazarus, R. S. *Personality*. 2nd ed. Prentice-Hall, 1971.

McKinney, F. *Understanding Personality: Cases in Counselling*. Houghton, 1965.

Reynolds, G. *Primer of Operant Conditioning*. Scott, Foresman, Glenview, 1968.

Walker, E. L. *Conditioning and Instrumental Learning*. Brooks/Cole, 1967.

Part B—Practical

TEXTBOOK

Lumsden, J. *Elementary Statistical Method*. W.A.U.P., 1969.

REFERENCE BOOKS

Campbell, D. T. & Stanley, J. C. *Experimental and Quasi-Experimental Designs for Research*. Rand McNally, 1963.

Chase, C. I. *Elementary Statistical Procedures*. McGraw-Hill, 1967.

Hays, W. L. *Basic Statistics*. Brooks/Cole, 1967.

Llewellyn, K. *Statistics for Psychology I*. N.S.W. U.P., 1968.

McCollough, C. & Van Atta, L. *Introduction to Descriptive Statistics and Correlation*. McGraw-Hill, 1965.

Topics: Psychology II and Psychology III

Research Methods II, IIIa and IIIb, and the topics in Lists A-H are listed below, together with their textbooks and reference books.

These topics in various combinations are the components of the subjects 12.012, 12.013, 12.022, 12.032, 12.033 and 12.034, which are described below.

Research Methods II

TEXTBOOKS

Armour, S. J. *Introduction to Statistical Analysis and Inference*. Wiley, Sydney, 1966.

Campbell, D. T. & Stanley, J. C. *Experimental & Quasi-Experimental Designs for Research*. Rand McNally, 1963.

Lumsden, J. *Elementary Statistical Method*. W.A. U.P., 1969.

REFERENCE BOOKS

- Armstrong, S. J. *Workbook of Computational Procedures*. Wiley, Sydney, 1968.
 Edwards, A. L. *Statistical Methods for the Behavioural Sciences*. Holt, N.Y., 1954.
 Ferguson, G. A. *Statistical Analysis in Psychology and Education*. McGraw-Hill, Sydney, 1966.
 Guilford, J. P. *Fundamental Statistics in Psychology and Education*. McGraw-Hill, Sydney, 1965.
 McCollough, C. & Van Atta, L. *Statistical Concepts*. McGraw-Hill, Sydney, 1963.
 Ray, W. S. *Basic Statistics*. Appleton, N.Y., 1968.
 Spence, J. et al. *Elementary Statistics*. 2nd ed. Appleton, N.Y., 1968.

Research Methods IIIa

TEXTBOOKS

- Hays, W. L. *Statistics*. Holt International Edition. Holt, Rinehart & Winston, 1969.
 Lee, R. M. *A Short Course in Fortran IV Programming*. McGraw-Hill, 1967.

Research Methods IIIb

TEXTBOOKS

- Hays, W. L. *Statistics*. Holt International Edition. Holt, Rinehart & Winston, 1969.
 Heerman, E. F. & Braskamp, L. A. eds. *Readings in Statistics for the Behavioural Sciences*. Prentice-Hall, 1970.

REFERENCE BOOKS

- Nunnally, J. *Psychometric Theory*. McGraw-Hill, 1967.
 Winer, B. *Experimental Design*. McGraw-Hill.

List A*Learning II*

TEXTBOOK

- Marx, M. H. *Learning: Processes*. Macmillan, London, 1969. Selected Bobbs-Merrill Reprints.

REFERENCE BOOKS

- Boe, E. E. & Church, R. M. eds. *Punishment: Issues and Experiments*. Appleton, 1968.
 Bolles, R. C. *Theory of Motivation*. Harper, 1967.
 Carroll, J. B. *Language and Thought*. Foundations of Modern Psychology Series. Prentice-Hall, 1964.
 Honig, W. K. ed. *Operant Conditioning*. Appleton, 1966.
 Kimble, G. A. *Hilgard & Marquis' Conditioning and Learning*. Appleton, 1961.
 Mednick, S. A. *Learning*. Foundations of Modern Psychology Series. Prentice-Hall, 1964.
 Pavlov, I. P. *Conditioned Reflexes*. Dover, 1960.
 Prokasy, W. F. ed. *Classical Conditioning*. Appleton, 1965.
 Reynolds, G. S. *A Primer of Operant Conditioning*. Scott, Foresman, 1968.

Personality II

REFERENCE BOOKS

Major Reference Books

- Lazarus, R. S. & Opton, E. M. *Personality*. Penguin, 1967.
 Mischel, W. *Personality & Assessment*. Wiley, N.Y., 1968.
 Rosenblith, J. & Allinsmith, W. *The Causes of Behaviour*. Allyn & Bacon.
 Sarason, I. G. *Personality: An Objective Approach*. Wiley, N.Y., 1966.
 Sarnoff, I. *Personality Dynamics and Development*. Wiley, N.Y., 1962.

This course cannot be covered adequately by any one book. Consequently, reference books only are listed. The first five of these are considered to be the more significant. It is suggested that students could form themselves into syndicates and thereby acquire these five reference books.

Other Reference Books

Bischof, L. J. *Adult Psychology*. Harper & Row, 1969.

Blum, G. S. *Psychodynamics: The Science of Unconscious Mental Forces*. Wadsworth, California, 1966.

Hall, C. S. & Lindzey, G. *Theories of Personality*. Wiley, N.Y., 1957.

Lazarus, R. S. *Patterns of Adjustment & Human Effectiveness*. McGraw-Hill, N.Y., 1969.

Lundin, R. W. *Personality: A Behavioural Analysis*. Collier-Macmillan, 1969.

McCurdy, H. G. *The Personal World*. Harcourt, N.Y., 1961.

McNeil, E. B. *The Concept of Human Development*. Wadsworth.

Martin, W. & Stendler, C. R. *Readings in Child Development*. Harcourt, N.Y., 1961.

Mednick, M. & Mednick, S. *Research in Personality*. Holt, N.Y., 1964.

Tucker, I. F. *Adjustment: Models and Mechanisms*. Academic, 1970.

Vernon, P. E. *Personality Assessment*. Methuen, 1964.

Vernon, P. E. *Personality Tests and Assessments*. Methuen, 1953.

List B

Psychometrics II

REFERENCE BOOK

Nunnally, J. *Psychometric Theory*. McGraw-Hill, 1967.

Physiological Psychology II

TEXTBOOK

Isaacson, R. L., Douglas, R. J., Lubar, J. F. & Schmaltz, L. W. *A Primer of Physiological Psychology*. Harper & Row, 1971.

REFERENCE BOOK

Thompson, R. *Foundations of Physiological Psychology*. Harper, 1967.

Human Information Processing II

TEXTBOOKS

McNicol, D. *A Primer of Signal Detection Theory*. Allen & Unwin, 1971.

Norman, D. *Memory and Attention*. Wiley, 1969.

REFERENCE BOOKS

Mackworth, J. F. *Vigilance and Habituation*. Penguin, 1969.

Mackworth, J. F. *Vigilance and Attention*. Penguin, 1970.

Moray, N. *Listening and Attention*. Penguin, 1969.

Neisser, U. *Cognitive Psychology*. Appleton-Century-Crofts, 1967.

Abnormal Psychology II

TEXTBOOK

Maher, B. A. *Principles of Psychopathology*. McGraw-Hill, 1966.

REFERENCE BOOK

Freedman, A. M. & Kaplan, H. I. *A Comprehensive Textbook of Psychiatry*. Williams & Wilkins, 1967.

Developmental Psychology II

REFERENCE BOOK

Newton, G. & Levine, S. *Early Experience and Behaviour*. Thomas, 1968.

Social Psychology II

TEXTBOOK

Lindgren, H. C. *An Introduction to Social Psychology*. Wiley, 1969.

List C*Psychometrics II**Physiological Psychology II**Human Information Processing II**Abnormal Psychology II**Developmental Psychology II**Social Psychology II*

as for List B

List D*Psychometrics IIIb (Measurement Theory)***TEXTBOOKS**Hammer, A. G. *Elementary Matrix Algebra for Psychologists*. Pergamon.Nunnally, J. *Psychometric Theory*. McGraw-Hill, 1967.**REFERENCE BOOKS**Coombs, C. H. et al. *Mathematical Psychology: an Elementary Introduction*.
Prentice-Hall, 1970.*Physiological Psychology IIIa***TEXTBOOKS**Isaacson, R. L., Douglas, R. J., Lubar, J. F. & Schmaltz, L. W. *A Primer of Physiological Psychology*. Harper & Row, 1971.Hokanson, J. E. *The Physiological Bases of Motivation*. Wiley, 1969.**REFERENCE BOOK**Thompson, R. *Foundations of Physiological Psychology*. Harper, 1967.*Human Information Processing IIIb (Perception)***TEXTBOOKS**Day, R. H. *Perception*. W. C. Brown & Co., 1966.Dember, W. N. *The Psychology of Perception*. Holt, 1960.**REFERENCE BOOKS**Boring, E. G., *A History of Experimental Psychology*. 2nd ed. Appleton-Century-Crofts, 1950.Forgus, R. H. *Perception*. McGraw-Hill, 1966.Geldard, F. A. *The Human Senses*. Wiley, 1953.Gibson, J. J. *The Senses Considered as Perceptual Systems*. Allen & Unwin, 1966.Graham, C. H. ed. *Vision and Visual Perception*. Wiley, 1965.Gregory, R. L. *Eye and Brain*. World University Library, London, 1966.Morgan, C. T. *Physiological Psychology*. 3rd ed. McGraw-Hill, 1965.*Behaviour Control and Modification III***TEXTBOOKS**Hilgard, E. R. *The Experience of Hypnosis*. Harcourt, Brace & World, 1968.Jahoda, M. & Warren, N. *Attitudes*. Modern Psychology Series. Penguin, 1966.Kanfer, F. H. & Phillips, J. S. *Learning Foundations of Behaviour Therapy*. Wiley.*Psychological Techniques III***TEXTBOOKS**Bradford, L. P., Gibb, J. R. & Benne, K. D. *T-Group Theory and Laboratory Method*. Wiley, 1964.Kleinmuntz, B. *Personality Measurement*. Dorsey, 1967.Vernon, P. E. *Personality Assessment: A Critical Survey*. Methuen, 1964.

REFERENCE BOOKS

- Huber, J. T. *Report Writing in Psychology and Psychiatry*. Harper, 1961.
 Nunnally, J. *Tests and Assessments*. McGraw-Hill, 1959.
 Richardson, S. A., Dohrenwend, E. S. & Klein, D. *Interviewing: Its Forms and Functions*. Basic Books, 1965.
 Webb, E. J., Campbell, D. T., Schwartz, R. D. & Seechrest, L. *Unobtrusive Measures: Non-reactive Research in the Social Sciences*. Rand McNally, 1966.

Psychological Issues III

TEXTBOOKS

- Mischel, T. *Human Action: Conceptual and Empirical Issues*. Academic, 1969.
 Simpkins, L. D. *The Basis of Psychology as a Behavioural Science*. Blaidsell, 1969.

List E

Personality IIIb (Motivation)

TEXTBOOKS

- Campbell, D. T. & Stanley, J. C. *Experimental and Quasi-Experimental Designs for Research*. Rand McNally, 1963.
 Murray, E. J. *Motivation and Emotion*. Foundations of Modern Psychology Series. Prentice-Hall, 1964.

REFERENCE BOOKS

- Atkinson, J. W. *An Introduction to Motivation*. Van Nostrand, 1964.
 Atkinson, J. W. ed. *Motives in Fantasy, Action and Society*. Van Nostrand.
 Atkinson, J. W. & Feather, N. eds. *Theory of Achievement Motivation*. Wiley, 1966.
 Berkowitz, L. *Aggression: A Social Psychological Analysis*. McGraw-Hill, 1962.
 Bolles, R. C. *Theories of Motivation*. Harper, 1966.
 Brown, J. S. *The Motivation of Behaviour*. McGraw-Hill, 1961.
 Buss, A. H. *The Psychology of Aggression*. Wiley, 1961.
 Cattell, R. B. *Personality and Motivation, Structure and Measurement*. World Book Co., N.Y., 1957.
 Cofer, C. N. & Appley, M. H. *Motivation: Theory and Research*. Wiley, 1964.
 Haber, R. N. ed. *Current Research in Motivation*. Holt, 1966.
 Hall, J. F. *Psychology of Motivation*. Lippincott, 1961.
 Hall, J. F. *The Psychology of Learning*. Lippincott, 1966.
 Hokanson, J. E. *The Physiological Bases of Motivation*. Wiley, 1969.
 Lazarus, R. S. *Psychological Stress and the Coping Process*. McGraw-Hill, 1966.
 McClelland, D. C. ed. *Studies in Motivation*. Appleton, 1955.
 Mednick, M. T. & Mednick, S. A. eds. *Research in Personality*. Holt, 1963.
 Peters, R. S. *The Concept of Motivation*. Routledge, 1958.
 Stacey, C. L. & De Martino, M. F. eds. *Understanding Human Motivation*. Howard Allen, 1958 & 1963.
 Yates, A. J. *Frustration and Conflict*. Methuen, 1963.
 Young, P. T. *Motivation and Emotion*. Wiley, 1961.

Psychometrics IIIa (Assessment Techniques)

TEXTBOOK

- Anastasi, A. *Psychological Testing*. Macmillan, 1968.

REFERENCE BOOKS

- Cronbach, L. J. *Essentials of Psychological Testing*. Harper, 1960.

- Helmstadter, G. C. *Principles of Psychological Measurement*. Appleton-Century-Crofts, 1964.
 Nunnally, J. C. *Tests and Measurements*. McGraw-Hill, 1959.
 Vernon, P. E. *Intelligence and Attainment Tests*. U.L.P., 1960.
 Vernon, P. E. *The Structure of Human Abilities*. Methuen, 1961.

Abnormal Psychology IIIa

TEXTBOOKS

- Buss, A. H. *Psychopathology*. Wiley, 1966.
 Gorlow, L. & Katkovsky, W. *Readings in the Psychology of Adjustment*. McGraw-Hill, 1968.
 Maher, B. A. *Principles of Psychopathology*. McGraw-Hill, 1966.
 Wolpe, J. & Lazarus, A. A. *Behaviour Therapy Techniques*. Pergamon, 1966.

REFERENCE BOOKS

- Beck, A. T. *Depression*. Staples Press, London, 1967.
 Coleman, J. C. *Abnormal Psychology and Modern Life*. 3rd ed. Scott, 1964.
 Eysenck, H. J. *Experiments in Behaviour Therapy*. Pergamon, 1964.
 Eysenck, H. J. ed. *Handbook of Abnormal Psychology*. Pitman, 1960.
 Eysenck, H. J. & Rachman, S. *The Causes and Cures of Neurosis*. Routledge, 1965.
 Fenichel, O. *The Psychoanalytic Theory of Neurosis*. Norton, N.Y., 1945.
 Frank, C. *Behaviour Therapies*. McGraw-Hill, 1969.
 Freedman, A. M. & Kaplan, H. I. *A Comprehensive Textbook of Psychiatry*. Williams & Wilkins, 1967.
 Jackson, D. D. ed. *The Aetiology of Schizophrenia*. Basic Books, N.Y., 1960.
 Lidz, T. *The Person*. Basic Books, 1968.
 Pronko, N. K. *Textbook of Abnormal Psychology*. Williams & Wilkins, 1963.
 Rachman, S. *Critical Essays on Psychoanalysis*. Pergamon, 1963.
 Robinson, H. B. & Robinson, N. M. *The Mentally Retarded Child*. McGraw-Hill, 1965.
 Rosen, E. & Gregory, I. *Abnormal Psychology*. Saunders, 1965.
 Shirley, H. F. *Pediatric Psychiatry*. Harvard, 1964.

Social Psychology IIIa

TEXTBOOKS

- Hollander, E. P. & Hunt, R. G. eds. *Current Perspectives in Social Psychology*. O.U.P., N.Y., 1967.
 Lindgren, H. C. *An Introduction to Social Psychology*. Wiley, N.Y., 1969.

Developmental Psychology IIIa

TEXTBOOKS

- Baldwin, A. L. *Theories of Child Development*. Wiley, 1967.
 Mussen, P. H., Conger, J. J. & Kagan, J. *Child Development and Personality*. 3rd ed. Harper International, 1969.

REFERENCE BOOKS

- Bijou, S. & Baer, D. *Child Development: A Systematic and Empirical Theory*. Vols. I & II.
 Carmichael, L. *Manual of Child Psychology*. 2nd ed. Wiley, 1954.
 Dennis, W. *Readings in Child Psychology*. 2nd ed. Prentice-Hall, 1963.
 Erikson, E. *Childhood and Society*. Penguin, 1965.
 Flavell, J. *The Development Psychology of Jean Piaget*. Van Nostrand, 1963.
 Ginsburg, H. & Oppen, S. *Piaget's Theory of Intellectual Development*. Prentice-Hall, 1969.

- Hoffman, L. W. & Hoffman, M. L. *Review of Child Development Research*. Vols. I & II. Russell Sage Foundation, 1966.
- Hurlock, E. G. *Developmental Psychology*. 3rd ed. McGraw-Hill, 1968.
- Illingworth, R. S. *An Introduction to Development Assessment in the First Year*. Heinemann, 1962.
- Kessler, J. W. *Psychopathology of Childhood*. Prentice-Hall, 1966.
- Lidz, T. *The Person*. Basic Books, 1968.
- Maier, H. W. *Three Theories of Child Development*. (Erickson, Piaget & Sears.) Harper, 1965.
- Medinnus, G. R. & Johnson, R. C. *Child and Adolescent Psychology*. Wiley, 1969.
- Miller, E. ed. *Foundations of Child Psychiatry*. Pergamon, 1968.
- Munsinger, H. *Fundamentals of Child Development*. Holt, Rinehart & Winston, 1971.
- Nash, J. *Developmental Psychology*. Prentice-Hall, 1970.
- Perceiving, Behaving, Becoming*. Yearbook. Association for Supervision and Curriculum Development. Washington, D.C., 1962.
- Perkins, H. V. *Human Development and Learning*. Wadsworth, 1969.
- Shirley, H. F. *Pediatric Psychiatry*. Harvard, 1964.
- Spencer, T. D. & Kass, N. eds. *Perspectives in Child Psychology: Research and Review*. McGraw-Hill, 1970.
- Stendler, C. B. *Readings in Child Behaviour and Development*. 2nd ed. Harcourt, 1964.
- Stone, L. J. & Church, J. *Child and Adolescence*. 2nd ed. Random House, 1968.
- Telford, C. W. & Sawrey, J. M. *The Exceptional Individual*. Prentice-Hall, 1967.
- Verville, E. *Behaviour Problems of Children*. Saunders, 1967.
- Wolff, S. *Children under Stress*. Penguin, 1969.

Human Information Processing IIIa (Memory)

TEXTBOOKS

- McNicol, D. *A Primer of Signal Detection Theory*. Allen & Unwin, 1971.
- Norman, D. *Memory and Attention*. Wiley, 1969.

REFERENCE BOOKS

- Mackworth, J. F. *Vigilance and Habituation*. Penguin, 1969.
- Mackworth, J. F. *Vigilance and Attention*. Penguin, 1970.
- Moray, N. *Listening and Attention*. Penguin, 1969.
- Neisser, U. *Cognitive Psychology*. Appleton-Century-Crofts, 1967.

List F

Research Methods IIIa. As for 12.033.

Personality IIIb (Motivation)

Psychometrics IIIa (Assessment Techniques)

Abnormal Psychology IIIa

As for 12.034, List E

Social Psychology IIIa

Developmental Psychology IIIa

Human Information Processing IIIa (Memory)

List G

Psychometrics II

Physiological Psychology II

Human Information Processing II

As for 12.033, List C

**Abnormal Psychology II*

**Developmental Psychology II*

**Social Psychology II*

*Cannot be taken with any of same name in List F.

List H

****Psychometrics IIIb (Measurement Theory)**

****Physiological Psychology IIIa**

****Human Information Processing IIIb (Perception)**

Behavioural Control and Modification III - As for 12.033, List D

Psychological Techniques III

Psychological Issues III

****Must be preceded by corresponding topic from List G in Session 1.**

12.012 Psychology II

An advanced second year pass course in Psychology, of eight hours per week.

Available (a) to any student who has obtained a Credit or better grade in Psychology I and

- (b) to students who have been awarded a clear Pass in Psychology I and also have attained a standard in method, statistics, and class work which shows them to be qualified for the Advanced Pass Course, 12.012.

Progression from 12.012 Psychology II (Advanced) is to the Advanced Pass Course, 12.013 Psychology III (Advanced). (Admission to 12.013 Psychology III is only by way of 12.012 or 12.032.)

Research Methods II and either (a) the development and structure of personality, or (b) experimental and theoretical problems in learning, plus two topics selected from the following: Physiological Psychology, Human Information Processing, Abnormal Psychology, Social Psychology, Developmental Psychology and Psychometrics.

TEXTBOOKS AND REFERENCE BOOKS

As for 12.032.

12.013 Psychology IIIA

The third year pass course in Psychology, of up to nine hours per week.

Available to any student who has completed 12.012 Psychology II or 12.032 Psychology II (honours).

It is *not* available to students who have completed 12.022 Psychology II.

Research Methods IIIa and selected areas are studied at an advanced level. Candidates should select their areas of special study from the following list in consultation with the School of Applied Psychology: Physiological Psychology, Human Information Processing, Abnormal Psychology, Social Psychology, Developmental Psychology, Psychometrics, Psychological Issues, Behavioural Control and Modification, and Psychological Techniques.

SESSION 1: One topic from List F and two topics from List G.

SESSION 2: One topic from List H and two topics from List G.

12.022 Psychology II

This basic second year pass course in Psychology, of four hours per week, is available to any student who has completed Psychology I.

Progression to Psychology III is *not* possible from 12.022.

The content is presented in two strands, each for one session.

Developmental Psychology. Maturation and development: biological, behavioural and social aspects. Stages of development, the concept of norms of behaviour, interpersonal experience and adjustment. Some developmental theories, such as those of Freud, some neo-Freudians, Piaget, etc.

Individual Differences and their Measurement. Human variability in intelligence, educational attainment, special aptitudes, personality and interests. Hereditary and environmental influences. Procedures for the measurement of individual differences via standardised, psychological and teacher-made tests.

Part A. Developmental Psychology

TEXTBOOK

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

REFERENCE BOOKS

Goffman, E. *The Presentation of the Self in Everyday Life*. Doubleday, 1959.

Sarnoff, I. *Personality Dynamics and Development*. Wiley, 1962.

Watson, R. I. *The Psychology of the Child*. Wiley, 1959.

Part B. Individual Differences and their Measurement

TEXTBOOKS

Thorndike, R. L. & Hagen, K. *Measurement and Evaluation in Psychology and Education*. Wiley, 1969.

Tyler, L. E. *The Psychology of Human Differences*. Appleton-Century-Crofts, 1965.

REFERENCE BOOKS

Anastasi, A. *Individual Differences*. Wiley, 1965.

Nunnally, J. C. *Educational Measurement and Evaluation*. McGraw-Hill, 1964.

12.032 Psychology II (Honours)

The Psychology II (Honours) course, of eight hours per week.

Available to any student who has obtained a Credit or better grade in Psychology I.

Progression from 12.032 (Psychology II (Honours)) is to Psychology III (Honours) subjects 12.033 and 12.034, and thence to 12.035 Psychology IV (Honours), provided that each prerequisite subject is passed with a Credit or better grade.

The subject matter as for 12.012.

Research Methods II, plus one topic from List A and two topics from List B. (Students planning to proceed to 3rd Year should consult with the School regarding choices of topics.)

12.033 Psychology IIIA (Honours)

Up to nine hours per week.

Available to students who have attained a Credit or better grade in 12.032 Psychology II (Honours).

Progression from 12.033 and 12.034 is to 12.035 Psychology IV (Honours) provided that a Credit or better grade is attained in each.

For Psychology IIIA (Honours), candidates should plan their required reading and the selection of their areas of special study in consultation with the Head of the School of Applied Psychology.

The subject matter as for 12.013.

SESSION 1: Research Methods IIIa, plus two topics from List C.

SESSION 2: Two topics from List D.

12.034 Psychology IIIB (Honours)

Up to nine hours per week.

Available to students who have attained a Credit or better grade in 12.032 Psychology II (Honours).

Progression from 12.033 Psychology IIIA (Honours) and 12.034 Psychology IIIB (Honours) is to 12.035 Psychology IV (Honours) provided that a Credit or better grade is attained in each.

Research Methods plus further areas of special study as per 12.013 Psychology IIIa.

SESSION 1: Two topics from List E.

SESSION 2: Research Methods IIIb,

plus two topics from List C

or as for 12.033

one topic from List D

12.035 Psychology IV (Honours)

To be determined in consultation with the Head of School.

SEQUENCES IN PSYCHOLOGY

Grade awarded in Psychology I		Progressions possible from Psychology I grading:		
		Psychology II subjects	Psychology III subjects	Psychology IV subjects
Credit or better	(a)	12.032 (Hon. II)	12.033 (Hon. IIIA) and 12.034 (Hon. IIIB)	12.035 (Hon. IV)
	(b)	12.012 (Adv. Pass)	12.013 (Pass)	—
	(c)	12.022 (Pass)	—	—
Pass	Qualified for Adv. Pass Course	(d) 12.012 (Adv. Pass)	12.013 (Pass)	—
		(e) 12.022 (Pass)	—	—
	Pass Course only	(f) 12.022 (Pass)	—	—

RUSSIAN

Courses offered by the School will cover the language, literature and culture of the Russian people from the eleventh century to the present day.

This year five courses are offered: Russian IZ, Russian I, Russian IIZ, Russian IIZ (Honours), and Russian IIIA. Four additional courses, Russian II, Russian II (Honours), Russian IIIA (Honours), and Russian IIIB (Honours), may also be offered, subject to availability of the necessary teaching staff.

59.001 Russian IZ

Unless the Head of School rules otherwise in special cases, a course available only to students who have not qualified to enter Russian I and who have obtained a second level pass or higher in a language other than English, at the Higher School Certificate.

The course aims at providing students with a sound elementary knowledge of spoken and written Russian as a basis for further intensive language study in Russian IIZ. Students who pass at the annual examination and wish to continue their study of the language will be required to complete a programme of written exercises and prescribed reading during the long vacation. Admission to Russian IIZ will be dependent on the satisfactory completion of this programme.

Russian IZ is a semi-intensive course, with a total of seven hours of instruction per week, consisting of two lectures, three tutorials and two sessions in the language laboratory. An equal amount of time should be devoted to preparation and private study if the course is to be pursued successfully.

TEXTBOOKS

Chekhov, A. P. *Medved', Predlozhenie, Yubilei*. Available in typescript from the School of Russian.

Dawson, C. L., Bidwell, C. E. & Humesky, A. eds. *Modern Russian I* and *Modern Russian II*. Harcourt, Brace & World, N.Y.

Tolstoi, L. N. *Fables, Tales and Stories*. Moscow.

REFERENCE BOOK

Miller, W. *Russians as People*. Phoenix House.

59.111 Russian I

For students who have obtained a second level pass or higher in Russian, at the Higher School Certificate, or who, in the opinion of the Head of School, possess an equivalent knowledge of the language.

(a) Language

Two lectures and two tutorials per week. The lectures will deal with translation into English of prescribed texts and prose translation into Russian; the tutorials will be devoted to a study of Russian grammar and syntax and to practice in spoken Russian (reading, dictation and conversation).

TEXTBOOKS

Belevitskaya-Khalizeva, V. S. et al. *Exercises in Russian Syntax*. Part I. Moscow.

Müller, V. K. *Anglo-russkii slovar'*. Moscow.

Smirnitskii, A. I. *Russko-angliiskii slovar'*. Moscow.

REFERENCE BOOK

Vinogradov, V. V. ed. *Grammatika russkogo yazyka*. Akademiya Nauk.

(b) *Literature*

One lecture per week. The subjects to be studied will be:

- (i) the Russian short story from A. S. Pushkin to L. N. Andreev, and
- (ii) a play of A. P. Chekhov.

TEXTBOOKS

*Andreev, L. N. *Rasskaz o semi poveshennykh*.

Chekhov, A. P. *Dyadya Vanya*. Harrap.

Chekhov, A. P. *Tri sestry*. Bradda.

Pushkin, A. S. *Pikovaya dama*. Bradda.

*Tolstoi, L. N. *Kreitserova sonata*.

REFERENCE BOOKS

Hingley, R. *Russian Writers and Society, 1825-1904*. World University Library.

Magarshak, D. *Chekhov: The Dramatist*. Lehmann.

59.002 Russian IIZ

For students who have passed 59.001 Russian IZ and who have completed the prescribed vacation reading and exercises. In addition to further intensive language work, there will be study of literary texts.

(a) *Language*

Three lectures, two tutorials and one session in the language laboratory per week. The lectures deal with translation into English of prescribed texts, prose translation into Russian and free composition; the tutorials and language laboratory session are devoted to intensive drills in spoken and written Russian.

(b) *Literature*

One lecture per week.

TEXTBOOKS

Long Vacation Reading

Chekhov, A. P. *Short Stories*. Foreign Languages Publishing House, Moscow.

Language

Dawson, C. L., Bidwell, C. E. & Humesky, A. eds. *Modern Russian II*. Harcourt, Brace & World, N.Y.

James, C. V. & Rapp, H. *Russian Composition and Vocabulary*. Methuen.

Khavronina, S. A. & Shirochenskaya, A. I. *Russian in Exercises*. Moscow.

Literature

One lecture per week.

As for 59.111 Russian I.

REFERENCE BOOKS

As for 59.111 Russian I.

59.022 Russian IIZ (Honours)

The pass course, 59.002 Russian IIZ, together with the study of additional stories.

TEXTBOOKS

As for 59.002 Russian IIZ, plus:

Language

Folomkina, S. & Weiser, H. *The Learner's English-Russian Dictionary*. M.I.T.

Lapidus, B. A. & Shevtsova, S. V. *The Learner's Russian-English Dictionary*. M.I.T.

*May be obtained in xeroxed copies from the School of Russian.

Literature

*Chekhov, A. P. *Vragi, Pripadok, Ogni, Poprygun'ya, Supruga, Chelovek v futlyare, O lyubvi, Yonych, Dushechka, Dama s sobachkoi.*

Gogol', V. N. *Shinel'.*

Pushkin, A. S. *Povesti Belkina.* Bradda.

Tolstoi, L. N. *Smeri' Ivana Il'icha.* Bradda.

Turgenev, I. S. *Mumu.* Bradda.

REFERENCE BOOKS

Bruford, W. H. *Chekhov and his Time.* Routledge.

Simmons, E. J. *Chekhov: A Biography.* Jonathan Cape.

59.113 Russian IIIA

For students who have passed Russian IIZ (59.002) and who have completed the prescribed vacation reading and exercises.

(a) *Language*

Two lectures and two tutorials per week. The lectures deal with translation into English of prescribed texts and prose translation into Russian; the tutorials are devoted to a study of Russian grammar and syntax and to practice in spoken Russian (reading, dictation and conversation).

(b) *Literature*

Three lectures per week. The subjects to be studied are: (i) the theme of "superfluous man" in nineteenth century Russian literature, and (ii) a representative work of each of the three major Russian novelists: Turgenev, Tolstoi and Dostoevskii.

*May be obtained in xeroxed copies from the School of Russian.

SOCIOLOGY

The major aim of sociology, as taught by the School, is to impart some understanding of the human condition. In particular, this involves three teaching objectives:

- (a) Developing a critical sense towards social reality and human behaviour.
- (b) Developing skills for the collection and interpretation of social data.
- (c) Developing a "sociological imagination", i.e. sensitivity to the relations between social phenomena and human actions.

53.111 Sociology I

For students who propose to take sociology as one of their major subjects. Introduces sociology as perspective for understanding society and human interaction with emphasis on theoretical and methodological questions. Students who do not intend to pursue the subject for more than one year should enrol in 53.121 Sociology II.

TEXTBOOKS

Berger, P. L. *Invitation to Sociology*. Penguin, 1963.

Cotgrove, S. *The Science of Society*. Allen & Unwin, 1967.

Truzzi, M. *Sociology—The Classic Statements*. Random House, 1971.

REFERENCE BOOKS

General

Bartlett, F. C. et al. *The Study of Society*. Routledge, 1946.

Bottomore, T. B. *Sociology*. Unwin Univ. Books, 1962.

Bredermeier, H. C. & Stephenson, R. M. *The Analysis of Social Systems*. Holt, Rinehart & Winston, 1962.

Brown, R. *Explanation in Social Science*. Routledge, 1963.

Davies, A. F. & Encel, S. eds. *Australian Society*. 2nd ed. Cheshire, 1970.

Encel, S. *Equality and Authority*. Cheshire, 1970.

Kuhn, A. *The Study of Society*. Soc. Sc. Paperbacks, 1966.

Madge, J. *The Origins of Scientific Sociology*. Tavistock, 1963.

Mills, C. W. *The Sociological Imagination*. O.U.P., 1959.

Nisbet, R. *The Sociological Tradition*. Heinemann, 1967.

Winch, P. *The Idea of a Social Science*. Routledge, 1958.

Worsley, P. M. ed. *Introduction to Modern Sociology*. Penguin, 1970.

Methodology in Social Research

Abrams, M. *Social Surveys and Social Action*. Heinemann, 1951.

Ackoff, R. L. *The Design of Social Research*. Chicago U.P., 1953.

Durkheim, E. *The Rules of Sociological Method*. Free Press, 1964.

Garfinkel, H. *Studies in Ethnomethodology*. Prentice-Hall, 1967.

Glaser, B. G. & Strauss, A. L. *The Discovery of Grounded Theory*. Weidenfeld & Nicolson, 1968.

Goode, W. J. & Hatt, P. K. *Methods in Social Research*. McGraw-Hill, 1952.

Rickman, H. P. *Understanding and the Human Studies*. Heinemann, 1967.

Weber, M. *The Methodology of the Social Sciences*. Free Press, 1949.

Social Reality

Arendt, H. *The Human Condition*. Chicago U.P., 1958.

Freud, S. *Civilization and its Discontents*. Hogarth Press, 1957.

Marcuse, H. *One Dimensional Man*. Sphere, 1967.

Marx, K. *Selected Writings*. Bottomore, T. B. trans. McGraw-Hill, 1967.

Roszak, T. *The Making of a Counter-Culture*. Faber, 1969.

Schutz, A. *Collected Papers*. Natanson, M. ed. Vol. 1. Nijhoff, The Hague, 1962.

Gerth, H. & Mill, C. W. eds. *From Max Weber*. O.U.P., 1958.

The Individual in Society—Perception and Communication

Goffman, E. *The Presentation of Self in Everyday Life*. Doubleday, 1959.
 Lyman, S. M. & Scott, M. B. *The Sociology of the Absurd*. Appleton-Century-Crofts, 1970.

The Individual in Society—Socialization

Freud, S. *Civilization and its Discontents*. Hogarth Press, 1957.
 Fromm, E. *Fear of Freedom*. Routledge, 1960.
 Laing, R. D. *The Politics of Experience*. Penguin, 1967.
 La Piere, R. *A Theory of Social Control*. McGraw-Hill, 1954.
 Mead, G. H. *Mind, Self and Society*. Chicago U.P., 1934.
 Riesman, D. *The Lonely Crowd*. Abr. ed. Yale U.P., 1961.

Small Groups

Mills, T. *The Sociology of Small Groups*. Prentice-Hall, 1967.
 Olmsted, M. S. *The Small Group*. Random House, 1959.
 Simmel, G. *Conflict and the Web of Group Affiliations*. Wolff, K. H. & Bendix, R. trans. Free Press, 1955.

Wider Society—Social Stratification

Mayer, K. B., & Buckley, W. *Class and Society*. 3rd ed. Random House, 1970.

Wider Society—Belief Systems; Social Institutions:

Merton, R. K., Broom, L. & Cottrell, L. S. eds. *Sociology Today—Problems and Prospects*. Basic Books, 1962.
 Faunce, W. A. *Problems of an Industrial Society*. McGraw-Hill, 1968.

Utopian Societies

Ofshe, R. *Sociology of the Possible*. Prentice-Hall.

The Uses of Sociology

Lazarsfeld, P., Sewell, W. H. & Wilensky, H. L. eds. *The Uses of Sociology*. Weidenfeld & Nicolson, 1968.
 Horowitz, I. L. *The Rise and Fall of Project Camelot*. M.I.T. Press, 1967.

53.121 Sociology II

For students taking only one year of sociology. The course deals with basic issues of theory and method in the discipline. It will endeavour to impart an understanding of the sociological perspective, the methods used by sociologists to collect information, and to introduce students to the major areas of sociological research. Any student who decides, after completing this course, that he wishes to do further work in sociology, must obtain the permission of the Head of the School of Sociology and will be required to do extra work before permission is granted.

Basic issues of theory and method in Sociology are illustrated. The course aims to impart an understanding of the sociological perspective and the methods used by sociologists to collect information, and to introduce students to the major areas of sociological research.

TEXTBOOKS

Berger, P. L. *Invitation to Sociology*. Penguin, 1963.
 Cotgrove, S. *The Science of Society*. Allen & Unwin.
 Encel, S. *Equality & Authority*. Cheshire, 1970.
 Shaw, A. G. L. *The Story of Australia*. Faber, 1962.
 Worsley, P. M. ed. *Introduction to Modern Sociology*. Penguin, 1970.

REFERENCE BOOKS

- Bottomore, T. B. *Sociology*. Unwin Univ. Books, 1962.
 Congalton, A. A. *Status & Prestige in Australia*. Cheshire, 1969.
 Davies, A. F. & Encel, S. eds. *Australian Society*, 2nd ed. Cheshire, 1970.
 Davies, A. F. *Images of Class*. Sydney U.P., 1966.
 Dunphy, D. C. *Cliques, Crowds, & Gangs*. Cheshire, 1969.
 Green, B. S. R. & Johns, E. A. *An Introduction to Sociology*. Pergamon, 1966.
 Hammond, P. E. *Sociologists at Work*. Basic Books, 1964.
 Goode, W. J. & Hatt, P. K. *Methods in Social Research*. McGraw-Hill, 1952.
 Lazarsfeld, P. F. *Theory and Method in the Social Sciences*. Prentice-Hall, 1966.
 Lazarsfeld, P. F., Sewell, W. H. & Wilensky, H. L. eds. *The Uses of Sociology*. Weidenfeld & Nicolson, 1968.
 Lipset, S. M. *The First New Nation*. Heinemann, 1964.
 MacKenzie, N. ed. *A Guide to the Social Sciences*. Weidenfeld & Nicolson, 1966.
 McNall, S. G. *The Sociological Experience*. 2nd ed. Little, Brown, 1971.
 Madge, J. *The Tools of Social Science*. Longmans, 1953.
 Madge, J. *The Origins of Scientific Sociology*. Tavistock, 1963.
 Mayer, H. *The Press in Australia*. Cheshire, 1964.
 Mayer, K. B. *Class & Society*. Random House, 1955.
 Mills, C. W. *The Sociological Imagination*. O.U.P., 1959.
 Moser, C. A. *Survey Methods in Social Investigation*. Heinemann, 1958.
 Nisbet, R. A. *The Social Bond*. Knopf, 1970.
 Porter, J. *The Vertical Mosaic*. Toronto U.P., 1965.
 Smelser, N. ed. *Sociology, An Introduction*. Wiley, 1967.
 Thomlinson, R. *Sociological Concepts & Research*. Random House, 1965.
 Truzzi, M. *Sociology—The Classic Statements*. Random House, 1970.
 Ward, R. *The Australian Legend*. A. & R., 1958.
 Williams, R. M. *American Society*. 3rd ed. Knopf, 1970.
 Winch, P. *The Idea of a Social Science*. Routledge, 1958.

53.112 Sociology II

There will be two sections:

Part A: Theory and Research in Sociology

An introduction to sociological theory and methods of sociological research, with particular reference to key problems confronting the sociologist in both areas. Each area will receive its own special emphasis but the relationship between the two will be stressed throughout.

TEXTBOOKS

- Rex, J., *Key Problems of Sociological Theory*. Routledge, 1970.
 Phillips, B. S. *Social Research: Strategy and Tactics*. Macmillan, 1970.

REFERENCE BOOKS

- Biddle, B. J. & Thomas, E. J. *Role Theory—Concepts and Research*. Wiley, 1966.
 Campbell, D. T. & Stanley, J. C. *Experimental and Quasi-Experimental Research Designs for Research*. Rand McNally, 1966.
 Guetzkow, H. ed. *Simulation in Social Science: Readings*. Prentice-Hall, 1962.
 Kuhn, T. S. *The Structure of Scientific Revolutions*. Chicago U.P., 1969.
 Hammond, P. E. ed. *Sociologists at Work: Essays on the Graft of Social Research*. Basic Books, 1964.
 Madge, J. *The Origins of Scientific Sociology*. Free Press, 1962.

- Madge, J. *The Tools of Social Science*. Longmans, 1953.
 Mills, C. W. *The Sociological Imagination*. Grove Press, 1961.
 McKinney, J. C. *Constructive Typology and Social Theory*. Appleton-Century-Crofts, 1966.
 Meehan, E. J. *Explanations in Social Science*. Dorsey Press, 1968.
 Shubik, M. ed. *Game Theory and Related Approaches to Social Behaviour*. Wiley, 1964.
 Snow, C. P. *The Two Cultures: And a Second Look*. Mentor, 1964.

Part B: Students will select, subject to approval, a course-unit drawn from a variety of fields, not all of which may be available in any one year. These include the following: Class and Status; Sociology of the Family; Small Groups; Social Control, Sociology of Deviance; Sociology of Religion; Sociology of Work; Sex and Society; Social Stratification; Culture and Personality; Criminology; Social Values; Belief Systems; Social Attitudes; Research Methods.

1. *Class and Status:* The nature and types of social inequality. The dimensions and correlates of social stratification in contemporary societies. Social mobility. Theories of social stratification. Social differentiation in Australia.

TEXTBOOKS

- Beteille, A. ed. *Social Inequality*. Penguin Books, 1969.
 Encel, S. *Equality and Authority: Class, Status and Power in Australia*. Cheshire, 1970.
 Lasswell, T. E. *Class and Stratum*. Houghton-Mifflin, 1965.

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- Bendix, R. & Lipset, S. M. *Class, Status and Power*. Free Press, 1966.
 Bergel, E. *Social Stratification*. McGraw-Hill, 1962.
 Bottomore, T. B. *Elites and Society*. Watts, 1964.
 Carlsson, G. *Social Mobility and Class Structure*. Gleerup, 1958.
 Centers, R. *The Psychology of Social Classes*. Princeton U.P., 1949.
 Congalton, A. A. *Status and Prestige in Australia*. Cheshire, 1969.
 Dehrendorf, R. *Class, and Class Conflict in Industrial Society*. Stanford U.P., 1964.
 Davies, A. F. *Images of Class*. Sydney U.P. 1966.
 Davies, A. F. & Encel, S. *Australian Society*. Cheshire, 1970.
 Demerath, N. J. *Social Class in American Protestantism*. Rand McNally, 1965.
 Dobriner, W. M. *Class in Suburbia*. Prentice-Hall, 1963.
 Elkin, A. P. ed. *Marriage and Family in Australia*. A. & R., 1967.
 Glass, D. V. ed. *Social Mobility in Britain*. Routledge, 1954.
 Gordon, M. M. *Social Class in American Sociology*. Duke U.P., 1958.
 Hodges, H. M. *Social Stratification: Class in America*. Schenkman, 1964.
 Jackson, J. A. ed. *Social Stratification*. C.U.P., 1968.
 Keller, S. *Beyond the Ruling Class: Strategic Elites in Modern Society*. Random House, 1963.
 Kohn, M. L. *Class and Conformity: A Study in Values*. Dorsey Press, 1969.
 Lenski, G. *Power and Privilege: A Theory of Social Stratification*. McGraw-Hill, 1966.
 Lewis, R. & Maude, A. *The English Middle Classes*. Phoenix House, 1949.
 Lipset, S. M. *The First New Nation*. Basic Books, 1963.
 Lipset, S. M. & Bendix, R. *Social Mobility in Industrial Society*. California U.P., 1959.
 Lockwood, D. *Social Mobility: Problems and Methods of Study*. Routledge, 1962.
 McKinley, D. G. *Social Class and Family Life*. Free Press, 1964.
 Mack, R. W. *Race, Class and Power*. American Book Company, 1963.

- Marsh, R. M. *Comparative Sociology*. Harcourt, Brace & World, 1967.
- Marshall, T. H. *Class, Citizenship and Social Development*. Doubleday, 1965.
- Mayer, K. B. *Class and Society*. Random House, 1969.
- Mills, C. W. *White Collar*. O.U.P., 1951.
- Montague, J. B. *Class and Nationality: English and American Studies*. New Haven Coll. & U.P., 1963.
- Oeser, O. A. & Hammond, S. B. *Social Structure and Personality in a City*. Routledge, 1954.
- Ossowski, S. *Class Structure in the Social Consciousness*. Free Press, 1963.
- Reiss, A. J. Jnr. *Occupations and Social Status*. Free Press, 1961.
- Rose, G. *The Working Class*. Longmans, 1968.
- Schumpeter, J. *Social Classes*. Meridan, 1955.
- Svalastoga, K. *Prestige, Class and Mobility*. Heinemann, 1959.
- Svalastoga, K. *Social Differentiation*. David McKay, 1965.
- Tumin, M. M. *Social Stratification: The Forms and Functions of Inequality*. Prentice-Hall, 1967.
- Warner, W. & Meeker, M. & Eells, K. *Social Class in America*. Harper, 1960.

2. *Sociology of the Family*: Anthropological and sociological theories of family and kinship with particular emphasis on change. Material from modern industrial societies, ethnographic material from preliterate societies and historical studies will be used to illustrate the various theoretical approaches.

TEXTBOOKS

- Fox, R. *Kinship & Marriage: an Anthropological Perspective*. Penguin, 1967.
- Harris, C. C. *The Family: an Introduction*. Allen & Unwin, 1969.

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- Bohannon, P. & Middleton, J. eds. *Marriage, Family & Residence*. Nat. Hist. Press, N.Y., 1968.
- Christensen, H. ed. *Handbook of Marriage & the Family*. Rand McNally, 1964.
- Farber, B. ed. *Kinship & Family Organisation*. Wiley, 1966.
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- Harris, M. *The Rise of Anthropological Theory*. Routledge, 1969.
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- Kephart, W. M. *The Family, Society & the Individual*. Houghton Mifflin, 1961.
- Leslie, G. K. *The Family in Social Context*. O.U.P., 1967.
- Murdock, G. P. *Social Structure*. Free Press, N.Y., 1965.
- Nimkoff, M. F. ed. *Comparative Family Systems*. Houghton Mifflin, Boston, 1965.
- Queen, S., Habenstein, R. W. & Adams, S. B. *The Family in Various Cultures*. 3rd ed. Lippincott, Chicago, 1967.
- Schneider, D. M. & Goush, K. eds. *Matrilineal Kinship*. Calif. U.P., Berkeley, 1961.
- Stephens, W. M. *The Family in Cross Cultural Perspective*. Holt, Rinehart & Winston, 1963.

3. *Small Groups*: The study of the small group as a small social system, and as a subsystem of the larger society.

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- Dunphy, D. C. *Cliques, Crowds & Gangs*. Cheshire, Melbourne, 1969.
 Mills, T. M. *The Sociology of Small Groups*. Prentice-Hall, 1967.
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- Bales, R. F. *Personality and Interpersonal Behavior*. Holt, Rinehart & Winston, 1970.
 Golembiewski, R. T. *The Small Group*. Chicago U.P., 1962.
 Homans, G. C. *The Human Group*. Routledge, 1951.
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 Milis, T. M. & Rosenberg, S. *Readings on the Sociology of Small Groups*.
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 Shils, E. A. *The Policy Sciences*. In Lerner, D. & Lasswell, H. D. eds. *The Study of the Primary Group*. Stanford U.P., 1951.

Experimental Groups

Collected readings:

- Cartwright, D. & Zander, A. eds. *Group Dynamics*. 2nd ed. Row, Peterson, 1960.
 Hare, A. P., Borgatta, E. F. & Bales, R. F. eds. *Small Groups*. Rev. ed. Knopf, 1965.

Attempts at synthesis

- Collins, B. E. *A Social Psychology of Group Processes for Decisionmaking*. Wiley, 1964.
 Hare, A. P. *Handbook of Small Group Research*. Free Press, 1962.
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 McGrath, J. E. & Altmann, I. *Small Group Research: A Synthesis & Critique of the Field*. Holt, Rinehart & Winston, 1966.
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Spontaneous Peer Groups

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- Janowitz, M. *Sociology & the Military Establishment*. 2nd ed. Russell Sage Foundation, 1965.
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Bales, R. F. *Interaction Process Analysis*. Addison-Wesley, 1951.

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Stone, P. J., Dunphy, D. C., Smith, M. S. & Ogilvie, D. M. *The General Inquirer: A Computer Approach to Content Analysis*. M.I.T.P., 1966.

4. *Social Control*: Various control mechanisms and processes in human relationships manifesting varying degrees of integration, from law, formal structure, and language to various forms of collective behaviour.

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Doby, J. T. *Introduction to Social Psychology*. Appleton-Century-Crofts, 1966.

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5. *Sociology of Deviance*: The characteristics of social deviance. Theories of deviant behaviour. Types of deviants and aspects of social and criminal deviance. Social control and the development of correctional treatment.

TEXTBOOKS

- Gibbons, D. C. *Society, Crime & Criminal Careers: an Introduction to Criminology*. Prentice-Hall, 1968.
 Haskell, M. R. & Yablonsky, L. *Crime and Delinquency*. Rand McNally, 1970.
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- Australia & New Zealand Journal of Criminology*.
 Ancel, M. *Social Defence—A Modern Approach to Criminal Problems*. Routledge, 1965.
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 Horton, P. B. & Leslie, G. R. *The Sociology of Social Problems*. Appleton-Century-Crofts, 1965.
 Johnston, N. et al. *The Sociology of Punishment & Correction*. 4th ed. Wiley, 1967.
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 McDonald, L. *Social Class and Delinquency*. London, 1969.
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 Morris, N. & Hawkins, G. *The Honest Politician's Guide to Crime Control*. Chicago U.P., Chicago & London, 1969.

- O'Donnell, J. A. & Ball, J. C. eds. *Narcotic Addiction*. Harper & Row, 1966.
- Pittman, D. J. & Snyder, C. *Society, Culture & Drinking Patterns*. Wiley, 1962.
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- Rushing, W. A. ed. *Deviant Behaviour & Social Process*. Rand McNally, 1969.
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- Short, J. F. ed. *Gang Delinquency & Delinquency Subcultures*. Harper, 1968.
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- Sykes, G. *The Society of Captives*. Princeton U.P., 1958.
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- Tappan, P. *Crime, Justice & Correction*. McGraw-Hill, 1960.
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- West, D. *Homosexuality*. Penguin.
- West, D. *Present Conduct and Future Delinquency*. Cambridge Criminology Series. Heinemann Educational Books, 1969.
- Wilkins, L. T. *Social Deviance*. Tavistock, 1964.
- Wolfgang, M., Savitz, L. & Johnston, N. *The Sociology of Crime & Delinquency*. Wiley, 1962.
- Wolfgang, M. E. ed. *Patterns of Violence*. The Annals of the American Acad. of Polit. & Soc. Sc., 1966.
- Wolfgang, M. E. et al. *The Sociology of Crime & Delinquency*. 7th ed. Wiley, 1967.

6. *Sociology of Religion*: Neither theology nor comparative religion, but the analysis of the inter-relations between ideas in religious form, religious behaviour, social structure, social change and social behaviour generally. A study of the theoretical contribution of Durkheim and Weber, and a particular emphasis on the function of religion in social change, looking particularly at modern developing countries and the secularised modern industrial societies.

BACKGROUND READING

- Nottingham, E. *Religion and Society*. Random House. Paperback.
- O'Dea, T. *The Sociology of Religion*. Prentice-Hall, 1966.
- Yinger, J. M. *Sociology Looks at Religion*. Macmillan, 1963.
- Yinger, J. M. *Religion, Society & the Individual*. Macmillan, 1957.

TEXTBOOKS

- Bendix, R. *Max Weber, An Intellectual Portrait*. Heinemann, 1960.
- Durkheim, E. *The Elementary Forms of Religious Life*. Collins, 1963.
- Glock, C. Y. & Stark, R. *Religion and Society in Tension*. Rand McNally, 1965.
- Knudten, R. D. ed. *The Sociology of Religion. An Anthology*. Appleton-Century-Crofts, 1967.
- Schneider, L. ed. *Religion, Culture and Society*. Wiley, 1964.
- Weber, Max. *The Sociology of Religion*. New Thinkers Library. Watts, 1966.

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- Apter, D. *Political Religions in the New Nations*. Institute of Industrial Relations/International Studies, Univ. of California.
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- Baumer, A. *Religion and the Rise of Scepticism*. Harcourt, Brace & World.
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- Berger, P. *The Precarious Vision*. Doubleday, 1961. Paperback.
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- Smith, W. C. *Islam in Modern History*. Mentor, 1957. Paperback.
- Cohn, N. *The Pursuit of the Millennium*. Mercury, 1962.
- Cox, H. *The Secular City*. Macmillan, N.Y.
- Davies, A. F. & Encel, S. eds. *Australian Society*. 2nd ed. Cheshire, 1970.
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- Geertz, C. *Pedlars and Princes*. Chicago U.P.
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- Herberg, W. *Protestant, Catholic, Jew*. Anchor, 1960. Paperback.
- Lanternari, V. *Religions of the Oppressed*. Mentor, 1963.
- Lawrence, P. *Road Belong Cargo*. M.U.P., 1964.
- Lenski, G. *The Religious Factor*. Anchor, 1963. Paperback.
- Lewis, H. D. & Slater. *World Religions*. New Thinkers Library. Watts, 1966.
- Mayer, H. ed. *Catholics and the Free Society*. Cheshire, 1961.
- Mol, J. J. *Religion in Australia*.
- Niebuhr, R. *The Social Sources of Denominationalism*. Mentor, 1958. Paperback.
- Riesman, D. *The Lonely Crowd*. Yale U.P., 1961.
- Swanson, G. E. *Birth of the Gods*. Ann Arbor, 1965. Paperback.
- Wallace, A. *Revitalisation Movements*.
- Weber, M. *The Protestant Ethic and the Spirit of Capitalism*. Allen & Unwin, 1965. Paperback.
- Wilson, B. R. *Sects and Society*. Berkeley U.P., 1961.
- Wilson, B. R. *Religion in a Secular Society*. New Thinkers Library. Watts, 1966.

7. *Sociology of Work*: The sociological aspects of time, work and leisure. The relationship between these three concepts and cultural value systems, and the sociological implications of this relationship. The three concepts applied to Australia. Time, work and leisure as concerns of sociological theorists. The implications of rapid technological change for basic attitudes towards the three concepts, and the implications for them of future societal trends.

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- Ellul, J. *The Technological Society*. Jonathon Cape, 1965.
- Fraisse, P. *The Psychology of Time*. Harper & Row, 1963.
- Fraser, R. ed. *Work*. Vols. I & II. Penguin, 1969.
- de Grazia, S. *Of Time, Work, and Leisure*. Twentieth Century Fund, 1962.
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- Havinghurst, R. J. *The Meaning of Work and Retirement*. Chicago U.P., 1964.
- Heron, A. *Why Men Work*. Stanford U.P., 1948.
- Huizinga, J. *Homo Ludens*. Routledge, 1948.
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- Moore, W. E. *Industrial Relations and the Social Order*. Macmillan, N.Y., 1961.
- Moore, W. E. *Man, Time and Society*. Wiley, 1963.

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 Potter, D. M. *People of Plenty*. Chicago U.P., 1954.
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 Rosenberg, M. *Occupations and Values*. Free Press, 1957.
 Russell, B. *In Praise of Idleness*. Allen & Unwin, 1935.
 Schaar, J. *Escape from Authority*. Basic Books, N.Y., 1961.
Symposium on the Technological Society. Santa Barbara, California, 1966.

8. *Sex and Society*: A. The relationship between sexual morality and economic, political, religious, educational and other social institutions. The theoretical views of Marx and Engels, Freud, Reich, Comfort, Marcuse, Clarkson, Mitscherlich, Millett and others. B. Changing sexual morality and conduct in Western civilizations: the Judeo-Christian tradition, Puritanism and the Victorian era, monogamous marriage and fidelity and chastity, the sexual "double standard", incest and other sexual prohibitions etc. C. Contemporary sexual moralities and conduct: legal and other definitions: obscenity, pornography and other sex offences; sexual attitudes as revealed in the novel, underground magazines and papers, film, advertising, pop song lyrics, jokes, etc.; changing sex roles — the feminist movement and women's liberation — the homosexual and "gay" liberation movements; scientific studies of sex attitudes and conduct and the sex researchers. D. Sexual revolution and sexual utopias: de Sade, Diderot, Fourier, Godwin, Noyes, Joseph Smith, Goldmann, Goodman and others. Forces for and against sexual expression and repression.

INTRODUCTORY READING

- Dutton, G. & Harris, M. eds. *Australia's Censorship Crisis*. Sun Books, 1970. Paperback.
 Preyer, P. Mrs. *Grundy: Studies in English Prudery*. Corgi, 1965. Paperback.
 Taylor, G. *Sex in History*. Thames & Hudson, 1969.
 Young, W. *Eros Denied*. Grove Press, 1964. Paperback.

REFERENCE BOOKS

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 De Grazia, E. *Censorship Landmarks*. Bowker, N.Y., 1969.
 De Rougement, D. *Passion and Society*. Faber, 1956. (*Love in the Western World*. Harcourt, Brace & World, 1958.)
 Fiedler, L. *Love and Death in the American Novel*. Paladin. Paperback.
 Figs, E. *Patriarchal Attitudes*. Faber, 1970.

- Fox, R. G. *The Concept of Obscenity*. Law Book Co., Melbourne, 1967.
- Freud, S. *Three Essays on the Theory of Sexuality*. Hogarth, 1962.
- Freyer, P. *The Birth Controllers*. Corgi, 1965. Paperback.
- Gagnon, J. & Simon, W. *The Sexual Scene*. Aldine, Chicago, 1970.
- George, M. *One Woman's Situation*. Illinois U.P., 1970.
- Greer, G. *The Female Eunuch*. MacGibbon & Kee, 1970.
- Horney, K. *Feminine Psychology*. Morton, N.Y., 1967.
- Hughes, D. A. ed. *Perspectives on Pornography*. Macmillan, 1970.
- Hyde, H. M. *A History of Pornography*. Heinemann, 1964.
- Kinsey, A. C. et. al. *Sexual Behaviour in the Human Male*. Saunders, 1948.
- Kinsey, A. C. et. al. *Sexual Behaviour in the Human Female*. Saunders, 1953.
- Klein, V. *The Feminine Character: History of an Ideology*. Routledge, 1964.
- Legman, G. *Rationale of the Dirty Joke: An Analysis of Sexual Humour*. Cape, 1969.
- Linner, B. *Sex and Society in Sweden*. Cape, 1968.
- Manuel, F. E. & F. P. eds. *French Utopias: An Anthology of Ideal Societies*. Free Press and Collier Macmillan, 1966.
- Marcus, S. *The Other Victorians*. Weidenfeld & Nicolson, 1967.
- Marcuse, H. *Eros and Civilization*. Sphere Books, 1969. Paperback.
- Marcuse, H. *Five Lectures*. Penguin, 1970.
- Masters, W. & Johnson, V. E. *Human Sexual Response*. Churchill, 1966.
- May, G. *The Social Control of Sex Expression*. William Morrow, N.Y., 1931.
- Millett, K. *Sexual Politics*. Doubleday, 1970.
- Mitscherlich, A. *Society Without the Father*. Tavistock, 1969.
- Ober, J. D. *Sexuality and Politics* in Brienes, P. ed. *New Left Perspectives on Herbert Marcuse*. Herder & Herder, N.Y. 1970.
- Pearsall, R. *The Worm in the Bud: The World of Victorian Sexuality*. Weidenfeld & Nicolson, 1969.
- Polksy, N. *Hustlers, Beats and Others*. Aldine, Chicago, 1967.
- Reich, W. *The Function of the Orgasm*. Panther, 1968. Paperback.
- Reich, W. *The Sexual Revolution*. Orgone Press, N.Y. Paperback.
- Reich, W. *The Mass Psychology of Fascism*. Orgone Press, N.Y., 1946.
- Reiss, I. *The Social Context of Premarital Permissiveness*. Holt, Rinehart & Winston, 1967.
- Rembar, C. *The End of Obscenity*. Deutsch, 1969.
- Robinson, P. *The Freudian Left*. Harper Colophon, N.Y., 1969. Paperback.
- Rolph, C. H. ed. *Does Pornography Matter?* Routledge, 1969.
- Rolph, C. H. ed. *Books in the Dock*. Deutsch, 1969.
- Rover, C. *Love, Morals and the Feminists*. Routledge, 1970.
- Rubin, J. *Do It*. Schocken, N.Y., 1969. Paperback.
- Sagarin, E. ed. *Sex and the Contemporary American Scene*. In *The Annals*. Vol. 376. March 1968, pp. 1-155.
- Singer, I. *The Nature of Love: Plato to Luther*. Random House, 1966.
- U.S. Presidential Commission on Obscenity and Pornography. Report. Bantam Books, N.Y., 1970. Paperback.
- Walker, A. *Sex in the Movies*. Penguin, 1968.
- Winick, C. *The New People: Desexualization in American Life*. Pegasus, N.Y., 1968. Paperback.

9. *Social Stratification*: Social differentiation and the concomitants of this differentiation as indicated in the social structure; various conceptual schemes of social stratification, including class, status and power; conformity and deviance in relation to the social structure; and class consciousness, with particular reference to empirical studies.

TEXTBOOK

Jackson, J. A. ed. *Social Stratification*. C.U.P., 1968.

REFERENCE BOOKS

- Barber, B. *Social Stratification: A Comparative Analysis of Structure and Process*. Harcourt, Brace, 1957.
- Beteille, A. *Castes, Old and New: Essays in Social Structure and Social Stratification*. Asia Publishing House, N.Y., 1969.
- Blackburn, R. M. *Union Character and Social Class: A Study of White Collar Unionism*. Batsford, 1969.
- Blau, P. M. & Duncan, O. D. *The American Occupational Structure*. Wiley, 1967.
- Demerath, N. J. *Social Class in American Protestantism*. Rand McNally, 1955.
- Ford, J. *Social Class and the Comprehensive School*. Routledge, 1969.
- Ginsberg, E. et al. *The Middle-Class Negro in the White Man's World*. Columbia U.P., 1970.
- Glenn, N. et al. *Social Stratification: A Research Bibliography*. Glendessary Press, Berkeley, Calif., 1969.
- Goldthorpe, J. et al. *The Affluent Worker in the Class Structure*. C.U.P., 1969.
- Hollowell, P. G. *The Lorry Driver*. Routledge, 1968.
- Jackson, B. *Working-Class Community: Some General Notions Raised by a Series of Studies in Northern England*. Praeger, 1968.
- Kerr, C. Marshall, Marx and Modern Times: *The Multi-Dimensional Society*. C.U.P., 1969.
- Kohn, M. L. *Class and Conformity: A Study of Values*. Dorsey Press, 1969.
- Linder, S. B. *The Harried Leisure Class*. Columbia U.P., 1970.
- Lundberg, F. *The Rich and the Super-Rich*. Nelson, 1969.
- Raynor, J. *The Middle Class*. Longmans, 1969.
- Rose, G. *The Working Class*. Longmans, 1968.
- Samuel, E. *The Structure of Society in Israel*. Random House, 1969.

10. *Culture and Personality*: The impact of culture patterns on personal behaviour in contemporary society with emphasis on developing patterns of response, e.g., class and conformity, social stress, alienation, homosexuality, women's liberation, and the futurists.

REFERENCE BOOKS

- Altscheler, A. A. *Community Control*. Pegasus, 1970.
- Arendt, H. *The Human Condition*. Doubleday Anchor, 1958.
- Berelson, B. & Steiner, G. A. *Human Behaviour*. Harcourt, Brace & World, 1964.
- Blauner, R. *Alienation and Freedom*. Phoenix, 1964.
- Bredemeier, H. & Stephenson, R. *The Analysis of Social Systems*. Holt, 1962.
- Cohen, Y. *Social Structure and Personality*. Holt, 1961.
- Doby, J. T. *Introduction to Social Psychology*. Appleton-Century-Crofts, 1966.
- Fromm, E. *The Fear of Freedom*. Routledge, 1950.
- Fromme, E. *The Sane Society*. Routledge, 1956.
- Gerth, M. & Mills, C. W. *Character and Social Structure*. Routledge, 1954.
- Klausner, S. Z. *Why Man Takes Chances*. Doubleday, 1968.
- Kluckhohn, C., Murray, H. & Schneider, D. *Personality in Nature, Society, Culture*. 2nd ed. Knopf, 1962.
- Kohn, M. L. *Class and Conformity*. Dorsey, 1969.
- Levine, S. & Scotch, N. A. eds. *Social Stress*. Aldine, 1970.
- Lipset, S. & Lowenthal, L. *Culture and Social Character*. Free Press, 1961.
- Merton, R. *Social Theory and Social Structure*. Free Press, 1957.
- Peacock, J. L. & Kirsch, A. T. *The Human Direction*. Appleton-Century-Crofts, 1970.
- Riesman, D. *The Lonely Crowd*. Yale U.P., 1961.

- Spitzer, S. P. *The Sociology of Personality*. Van Nostrand, 1969.
 Stein, M., Vidich, A. J. & White, D. N. *Identity and Anxiety*. Free Press, 1960.
 Stoodley, B. *Society and Self*. Free Press, 1962.
 Winthrop, H. *Ventures in Social Interpretation*. Appleton-Century-Crofts, 1968.

11. *Criminology*: Nature and scope of criminology. Criminological theory. Patterns and measurement of crime and delinquency. Control, prevention and treatment of crime and delinquency. Effects of crime on the community and evaluation of efforts in correction and treatment.

TEXTBOOKS

- Gibbons, D. C. *Society, Crime and Criminal Careers: An Introduction to Criminology*. Prentice-Hall, 1968.
 Haskell, M. R. & Yablonsky, L. *Crime and Delinquency*. Rand McNally, 1970.
 Mannheim, H. *Comparative Criminology*. Routledge, 1965.

JOURNALS

- Australia and New Zealand Journal of Criminology*.
Federal Probation.
International Journal of Offender Therapy.

REFERENCE BOOKS

- Ancel, M. *Social Defence—A Modern Approach to Criminal Problems*. Routledge, 1965.
 Clemmer, D. *The Prison Community*. Holt, Rinehart & Winston, 1958.
 Cohen, A. *Delinquent Boys*. Routledge, 1956.
 Conrads, J. *Crime and its Correction*. California U.P., 1965.
 Dickens, B. M. *Abortion and the Law*. MacGibbon & Kee, 1966.
 Emery, F. *Freedom and Justice Within Walls*. Tavistock, 1970.
 Gagnon, J. H. & Simon, W. eds. *Sexual Deviance*. Harper & Row.
 Gebhard, P. H. et al. *Sex Offenders: An Analysis of Types*. Heinemann, 1965.
 Gibbens, T. C. N. *Trends in Juvenile Delinquency*. W. H. O., 1961.
 Gibbens, T. C. N. & Ahrenfeldt, R. H. eds. *Cultural Factors in Delinquency*. Tavistock, 1966.
 Glaser, D. *The Effectiveness of a Prison and Parole System*. Bobbs-Merrill, 1964.
 Glueck, S. & E. *Predicting Delinquency and Crime*. Harvard U.P., 1965.
 Lindesmith, A. R. *The Addict and the Law*. Indiana U.P., 1965.
 McDonald, L. *Social Class and Delinquency*. Faber, 1969.
 Mannheim, H. *Group Problems in Crime and Punishment*. Routledge, 1958.
 Mannheim, H. & Wilkins, L. *Prediction Methods in Relation to Borstal Training*. H.M.S.O., 1955.
 McLintock, F. H. & Avison, N. H. *Crime in England and Wales*. Heinemann, 1963.
 Mays, J. B. *Crime and the Social Structure*. Faber, 1963.
 Morris, T. & P. *Pentonville: A Sociological Study of an English Prison*. Routledge, 1963.
 Morris, M. & Hawkins, G. *The Honest Politician's Guide to Crime Control*. Chicago U.P., Chicago & London, 1969.
 O'Donnell, J. A. & Ball, J. C. eds. *Narcotic Addiction*. Harper & Row, 1966.
 Quinney, R. *Crime and Justice in Society*. Little, Brown, 1969.
 Quinney, R. *Social Reality of Crime*. Little, Brown, 1970.
 President's Commission on Law Enforcement and Administration of Justice —*The Challenge of Crime in a Free Society: U.S.A.* 1967.
 Ruitenbeck, H. M. ed. *The Problem of Homosexuality in Modern Society*. Dutton, 1963.

- Schofield, M. *Sociological Aspects of Homosexuality*. Longmans, 1965.
 Schur, E. M. *Crimes Without Victims*. Prentice-Hall, 1965. Paperback.
 Shoham, S. *Crime and Social Deviation*. Henry Regnery, 1966.
 Short, J. F. ed. *Gang Delinquency and Delinquent Subcultures*. Harper, 1968.
 Social Science Research Council (U.S.) *Theoretical Studies in Social Organizations of Prisons*. No. 15, 1960.
 Sutherland, E. *White Collar Crime*. Holt, Rinehart & Winston, 1961.
 Sykes, G. *The Society of Captives*. Princeton U.P., 1958.
 Sykes, G. M. & Drabek, T. E. eds. *Law and the Lawless*. Random House, 1969.
 Tappan, P. *Crime, Justice and Correction*. McGraw-Hill, 1960.
 Turk, A. T. *Criminality and Social Order*. Rand McNally, 1969.
 Vaz, E. W., ed. *Middle Class Juvenile Delinquency*. Harper, 1967.
 Vold, G. B. *Theoretical Criminology*. O.U.P., 1958.
 West, D. *Homosexuality*. Penguin, 1968.
 Wilkins, L. T. *Social Deviance*. Tavistock, 1964.
 Wolfgang, M. E. et al. *The Sociology of Crime and Delinquency*. Wiley, 1967.

12. *Social Values*: Utopian perspectives on human society; social theory as commentary and critique. Social metaphysics considered as sets of ideas about the nature of human and social reality; its influence on theory. The sources of these ideas — rebellion and conservatism.

A background in philosophy would be desirable but not essential.

REFERENCE BOOKS

- Arendt, H. *The Human Condition*. Chicago U.P., 1958.
 Aristotle. *Nicomachean Ethics*. O.U.P., 1954.
 Aristotle. *Politics*. Penguin, 1962.
 Burke, E. *Remarks on the Revolution in France*. Doubleday, 1961.
 Freud, S. *Civilization and its Discontents*. Hogarth, 1957.
 Freud, S. *Totem and Taboo*. Routledge, 1919.
 Hegel, G. *The Philosophy of Right*. Clarendon, 1942.
 Locke, J. *Second Essay on Civil Government*. O.U.P., 1947.
 Lenin, V. *State and Revolution*. Foreign Languages Publishing House, Moscow, 1965.
 Marcuse, H. *One Dimensional Man*. Sphere, 1968.
 Marcuse, H. *Eros and Civilization*. Routledge, 1956.
 Marcuse, H. *Reason and Revolution*. Routledge, 1963.
 Machiavelli, N. *The Prince*. Modern Library, 1950.
 Mao Tse-Tung. *Selected Writings*. Peking, 1968.
 Marx, K. *Early Writings*. Bottomore, T. B., trans. & ed. Watts, 1963 or McGraw-Hill, 1964.
 Marx, K. *Selected Writings in Sociology and Social Philosophy*. Bottomore, T. B., trans. Bottomore, T. B. & Rubel, M. eds. McGraw-Hill, 1964, or Penguin, 1965.
 Marx, K. & Engels, F. *The Communist Manifesto*. Appleton-Century-Crofts, 1955.
 Mill, J. S. *On Liberty*. O.U.P., 1912.
 Paine, T. *The Rights of Man*. Doubleday, 1961.
 Plato. *The Republic and the Laws*. Penguin, 1955.
 Rousseau, J. J. *The Social Contract*. Penguin, 1968.
 St. Augustine. *City of God*. Image, 1958.

13. *Belief Systems*: The rise of belief systems and their effect on social behaviour and society generally; the reciprocal interrelatedness of social structures and ideas on beliefs. The influence of charismatic personalities and power with particular reference to modern developing nations. Max

Weber, particularly his work on Charisma and world religion; present-day world religions and ideologies and their political significance.

BACKGROUND READING

O'Dea, T. *The Sociology of Religion*. Prentice-Hall, 1966.

Robertson, R. *Sociology of Religion*. Penguin, 1969.

Yinger, J. M. *Religion, Society and the Individual*. Macmillan, 1957.

REFERENCE BOOKS

The Autobiography of Malcolm X. Grove Press, 1966.

Apter, D. ed. *Ideology and Discontent*. Free Press, 1964.

Baumer, F. *Religion and the Rise of Scepticism*. Harcourt, Brace, 1960.

Benz, E. *Buddhism and Communism: Which Holds the Future for Asia?* Allen & Unwin, 1965.

Durkheim, E. *The Elementary Forms of Religious Life*. Collins, 1968. Paperback.

Eliade, M. *Shamanism*. Routledge, 1964.

Essien-Udom, A. *Black Nationalism: The Rise of the Black Muslims in U.S.A.* Penguin, 1966.

Frederick, J. *Political Leadership and the Problem of the Charismatic Power*. Jnl. of Politics, 1961.

Gerth, H. & Mills, C. W. *From Max Weber*. Routledge and Trench, Tribner & Co., 1947.

Knudten, R. D. ed. *The Sociology of Religion, an Anthology*. Appleton-Century-Crofts, 1967.

Lewis, H. D. & Slater, R. L. *World Religions*. New Thinkers Lib. Watts, 1966.

Nelson, G. K. *Spiritualism and Society*. Routledge, 1969.

O'Dea, T. *Sociology and the Study of Religion*. Basic Books, N.Y., 1970.

Scalapino, R. A. ed. *The Communist Revolution in Asia*. Prentice-Hall, 1965.

Schneider, L. *Religion, Culture and Society*. Wiley, 1964.

Smith, C. *Islam in Modern History*. Mentor, 1957. Paperback.

Smith, D. E. *Religion and Politics in Burma*. Princeton U.P., 1965.

Smith, D. E. *South Asian Politics and Religion*. Princeton U.P., 1966.

Weber, M. *The Sociology of Religion*. Soc. Sc. Paperback, 1965.

Weber, M. *The Religion of India*. Free Press, 1958.

14. *Social Attitudes*: The role of personality differences in influencing the relations people adopt to societal institutions. The reciprocal effects of societal institutions on the formation of personality. Due to the topic's wide range only one or two personality types and one or two sub-sets of society are stressed. An intensive treatment of the personality and attitude correlates of: (1) working class membership; (2) political preference. In personality: authoritarianism and alienation.

TEXTBOOKS

Lipset, S. M. *Political Man*. Doubleday, 1960.

REFERENCE BOOKS

Adorno, T. W., Frenkel-Brunswick, E., Levinson, D. J. & Sanford, R. M. *The Authoritarian Personality*. Harper, 1950.

Brown, R. *Social Psychology*. Free Press, 1964. (Chapters on Authoritarianism and Need for Achievement).

Kirscht, J. P. & Dillehay, R. C. *Dimensions of Authoritarianism*. Kentucky U.P., 1967.

McKenzie, R. & Silver, A. *Angels in Marble*. Heinemann, 1968.

Christie, R. & Jahoda, M. *Studies in the Method and Scope of "The Authoritarian Personality"*. Free Press, 1954.

Eysenck, H. J. *The Psychology of Politics*. Routledge, 1954.

Other references from journal literature to be given during the course.

15. *Methods of Social Research*: Aimed at developing the students' ability both to conduct and appreciate sociological research. Stress on the design of research with the use of appropriate techniques and statistics according to the research question. The variety of techniques of the social sciences. (Sessions 1 and 2.)

TEXTBOOKS

Lumsden, James. *Elementary Statistical Method*. U. of W.A., 1969.
 Selltitz, C. Jahoda, M., Deutsch, M. & Cook, S. W. *Research Methods in Social Relations*. Holt, Rinehart & Winston, 1965.

REFERENCE BOOKS

Adams, R. N. & Preiss, J. J. eds. *Human Organization Research*. Dorsey, 1960.
 Campbell, D. T. & Stanley, J. C. *Experimental & Quasi-Experimental Research Designs for Research*. Rand McNally, 1966.
 Festinger, L. & Katz, D. *Research Methods in the Behavioural Sciences*. Holt, Rinehart & Winston, 1966.
 Goode, S. & Hatt, P. *Methods in Social Research*. McGraw-Hill, 1952.
 Moser, C. *Survey Methods in Social Investigation*. Heinemann, 1958.
 Rickman, H. P. *Understanding & the Human Studies*. Heinemann Educational Books, London, 1967.
 Webb, J., Campbell, D. T., Schwartz, R. D. & Sechrest, L. *Unobtrusive Measures: Nonreactive Research in the Social Sciences*. Rand McNally, 1966.
 Zetterberg, H. *On Theory and Verification in Sociology*. Tressler, 1954.

53.122 Sociology II (Honours)

Sociology II (Pass), together with an extra seminar for honours students only.

53.113 Sociology IIIA

Students will select, subject to approval, two course-units drawn from a variety of fields, not all of which may be available in any one year. These include the following: Sociology of Organizations; Sociology of Power; Science, Technology and Society; Medicine and Society; Urban Sociology; Culture and Society; Film and Society; Music and Society; Sociology of Education; Race Relations; Sociology of Religion B; Industrial Sociology; Advanced Sociological Research.

Each of these courses will be accompanied by a general course in advanced sociological theory related to the other specialized fields covered in Sociology IIIA. Each course will also include related practical research work as an integral part of the course.

1. *Sociology of Organizations*

This course has four main objects:

- (a) to examine the development of theories about organizational structure and organizational behaviour.
- (b) to study the connection between theories about specific organizations and wider concepts about social organization in general.
- (c) to review actual case studies of organizations at work.
- (d) to examine the relation between the organization and the individual.

REFERENCE BOOKS

General

Aron, R. *18 Lectures on Industrial Society*. Weidenfeld & Nicholson, 1961.
 Barnard, C. I. *The Functions of the Executive*. Harvard U.P., 1938.
 Caplow, T. *Principles of Organization*. Harcourt, 1964.
 Etzioni, A. *Complex Organisations*. Free Press, 1961.

- Etzioni, A. *The Comparative Study of Complex Organizations*. Free Press, 1961.
- Faunce, W. A. *Readings in Industrial Sociology*. Appleton-Century-Crofts, 1967.
- Friedmann, G. *Industrial Society*. Free Press, 1964.
- Haire, M. ed. *Modern Organization Theory*. Wiley, 1959.
- Hill, W. A. & Egan, D. M. *Readings in Organization Theory: A Behavioural Approach*. Allyn & Bacon, 1967.
- March, J. G. & Simon, H. A. *Organizations*. Wiley, 1966.
- March, J. G. *Handbook of Organizations*. Rand-McNally, 1965.
- Weber, M. *The Theory of Economic & Social Organization*. Henderson. A. M. & Parsons, T. trans. O.U.P., 1947.

Bureaucracy

- Blau, P. M. *The Dynamics of Bureaucracy*. Rev. ed. Chicago U.P., 1963.
- Blau, P. M. *Bureaucracy in Modern Society*. Random House, 1956.
- Blau, P. M. & Scott, W. R. *Formal Organizations*. Chandler Pub. Co., San Francisco, 1962.
- Crozier, M. *The Bureaucratic Phenomenon*. Tavistock, 1964.
- Gouldner, A. W. *Patterns of Industrial Bureaucracy*. Free Press, 1954.
- Merton, R. K. *Social Theory & Social Structure*. Rev. ed. Free Press, 1957.
- Merton, R. K. ed. *Reader in Bureaucracy*. Free Press, 1952.
- Selznick, P. *T.V.A. & the Grass Roots*. California U.P., 1949. Paperback.

Organizational Levels

(a) The individual & the organization

- Argyris, C. *Personality & Organization*. Harper, 1957.
- Blauner, R. *Alienation & Freedom*. Phoenix, 1967.
- Katz, D. & Kahn, R. *The Social Psychology of Organizations*. Wiley, 1966.
- Roethlisberger, F. J. & Dixon, W. J. *Management & the Worker*. Harvard U.P., 1939.
- Schein, E. H. *Organizational Psychology*. Prentice-Hall, 1965.

(b) Industrial work groups

- Herbst, P. G. *Autonomous Group Functioning*. Soc. Sc. Paperback. Tavistock, 1962.
- Sayles, L. R. *Behaviour in Industrial Work Groups*. Wiley, 1963.
- Warner, W. L. & Low, J. O. *The Social System of the Modern Factory*. Yale U.P., 1947.
- Whyte, W. F. *Men at Work*. Irwin-Dorsey, 1961.
- Zaleznik, A., Christensen, C. R. & Roethlisberger, F. J. *The Motivation, Productivity & Satisfaction of Workers*. Div. of Research, Graduate School of Business Administration, Harvard Univ., 1958.

(c) Management

- Berliner, J. S. *Factory & Manager in the U.S.S.R.* Harvard U.P., 1957.
- Cleland, D. K. & King, W. R. *Systems, Organizations, Analysis, Management*. McGraw-Hill, 1969.
- Dalton, M. *Men who Manage*. Wiley, 1959.
- Granick, D. *The Red Executive*. Anchor, 1961.

(d) Research

- Hower, R. M. & Orth, C. D. *Managers & Scientists*. Division of Research. Graduate School of Business Administration, Harvard Univ., 1963.
- Marcson, S. *The Scientist in American Industry*. Harper, 1960.

(e) *Non-industrial organizations*

Goffman, I. *Asylums*. Anchor, 1961.

Janowitz, M. *Sociology & the Military Establishment*. Rev. ed. Russell Sage Foundation, 1965.

Lipset, S. M., Trow, M. A. & Coleman, J. S. *Union Democracy*. Free Press, 1956.

Sayles, L. R. & Straus, G. *The Local Union*. Harper, 1953.

Stanton, A. H. & Schwartz, M. S. *The Mental Hospital*. Basic Books, 1954.

New Directions in Organizations

Bennis, W. *Changing Organizations*. McGraw-Hill, 1964.

Etzioni, A. *Modern Organizations*. Prentice-Hall, 1966.

Guest, R. H. *Organizational Change*. Dorsey, 1962.

Jacques, E. *The Changing Culture of a Factory*. Tavistock, 1957.

Likert, R. *New Patterns of Management*. McGraw-Hill, 1961.

McGregor, D. *The Human Side of Enterprise*. McGraw-Hill, 1960.

Sutcliffe, R. A. *People & Productivity*. McGraw-Hill, 1963.

Van der Haas, H. *The Enterprise in Transition*. Tavistock, 1967.

Casebooks

Corbett, D. C. & Schaffer, B. L. eds. *Decisions*. Cheshire, 1965.

Craig, H. F. ed. *Case Studies in Australian Business Administration*. Law Book Co., 1966.

Lawrence, P. R. & Seiler, J. A. *Organizational Behaviour & Administration—Cases, Concepts & Research Findings*. Rev. ed. Irwin-Dorsey, 1965.

Smith, R. A. *Corporations in Crisis*. Anchor, 1966.

2. *Sociology of Power*

The study of power as a key concept in the social sciences. Definitions of power and their limitations. Sources of power and the means of exercising it. Conflicts over the use of power. Militarism.

REFERENCE BOOKS

Aron, R. *The Century of Total War*. Verschoyle, London, 1954.

Buchan, A. *War in Modern Society*. Watts, 1967.

Bottomore, T. B. *Elites & Society*. Watts, 1965.

Bell, D. *The End of Ideology*. Free Press, 1960.

Blau, P. M. *Exchange & Power in Social Life*. Wiley, 1964.

Bendix, R. *Max Weber, An Intellectual Portrait*. Routledge, 1960.

Birnbaum, N. *The Crisis of Industrial Society*. O.U.P., 1970.

Coffin, T. *The Armed Society*. Penguin, 1966.

Chomsky, N. *American Power & the New Mandarins*. Penguin, 1970.

Domhoff, G. W. *Who Rules America?* Prentice-Hall, 1967.

Encel, S. *Equality & Authority*. Cheshire, 1970.

Horowitz, I. L. ed. *The New Sociology*. O.U.P., N.Y., 1964.

Johnson, J. J. ed. *The Role of the Military in Underdeveloped Countries*. Princeton Univ. Press, 1962.

Keller, S. *Beyond the Ruling Class*. Random House, 1963.

Lasswell, H. D. & Kaplan, A. *Power & Society*. Routledge, 1952.

Lenski, G. E. *Power & Privilege*. McGraw-Hill, 1966.

Mills, C. W. *The Power Elite*. O.U.P., 1956.

Miliband, R. *The State in Capitalist Society*. Weidenfeld & Nicolson, 1969.

Porter, J. *The Vertical Mosaic*. Toronto U.P., 1965.

Rose, A. M. *The Power Structure*. O.U.P., N.Y., 1967.

Speier, H. *War & the Social Order*. Stewart, N.Y., 1952.

Van Doorn, J. A. *Armed Forces & Society*. Mouton, 1968.

3a. *Science, Technology & Society*

(a) The nature of science—interaction between growth of science, the process of research, and society; (b) Social influences on the nature and development of science—influences on the research behaviour of scientists and technologists from professional colleagues, from the organizations in which they work; (c) The invention-innovation process—management of research, organizing for innovation; application and diffusion of technology; science, technology and developing countries; the affect of social, cultural, economic and political factors on the application of technology in developing countries; (d) Society's control over science—the relation between the values of science and the values of society; the ethics and responsibilities of scientists; society's control over the direction of research; political control of science and technology—government science policy; (e) The impact of science and technology on society—technology and industrial structure—alienation: impact of automation; science, technology and civic design; technology and building—particularly the case of industrialized housing and developing countries; science, technology and medicine—dependency of medical ethics on technology; communication of science—science, technology and the mass media; popularization of science; (f) Science, technology and war.

REFERENCE BOOKS

(a) *Historical & General*

Bernal, J. D. *Science in History*. Watts, 1957.

Derry, T. K. & Williams, T. I. *A Short History of Technology*. O.U.P., 1960.

Farrington, B. *Greek Science*. Penguin, 1953.

Forbes, R. J. & Diksterhuis, E. J. *A History of Science & Technology*. 2 vols. Penguin, 1963.

Haldane, J. B. S. *Daedalus, or Science & the Future*. Routledge, London, 1924.

Haldane, J. B. S. *Science Advances*. Allen & Unwin, 1948.

Kuhn, T. S. *The Structure of Scientific Revolutions*. Chicago U.P., 1962.

Lilley, S. *Men, Machines & History*. Cobbett Press, London, 1948.

Price, D. J. de S. *Science since Babylon*. Yale U.P., 1961.

Sarton, G. *A History of Science*. O.U.P., 1953-1959.

White, L. *Medieval Technology & Social Change*. O.U.P., 1962.

(b) *The social background of science & invention*

Barber, B. & Hirsch, W. *The Sociology of Science*. Free Press, 1962.

Bernal, J. D. *The Social Function of Science*. Routledge, 1939.

Bronowski, J. *The Common Sense of Science*. Penguin, 1960.

Gilfillan, S. C. *The Sociology of Invention*. Chicago U.P., 1935.

Goldsmith, M. & Mackay, A. eds. *The Science of Science*. Pelican, 1966.

Haber, L. F. *The Chemical Industry in the 19th Century*. O.U.P., 1958.

Kaplan, N. *Science & Society*. Rand McNally, 1965.

Marsak, L. M. *The Rise of Science in Relation to Society*. Macmillan, 1964.

(c) *The growth of the scientific & technical professions*

Armytage, W. H. G. *A Social History of Engineering*. Faber, 1961.

Ashby, E. *Technology & the Academics*. Macmillan, 1958.

Hagstrom, W. O. *The Scientific Community*. Basic Books, 1965.

Lapp, R. E. *The New Priesthood*. Harper & Row, 1965.

Obler, P. C. & Estrin, H. A. eds. *The New Scientist*. Doubleday, 1962.

Payne, G. L. *Scientific & Technological Manpower in Great Britain*. Stanford U.P., 1960.

Pelz, D. C. & Andrews, F. M. *Scientists in Organizations*. Wiley, 1967.

Price, D. J. de S. *Little Science, Big Science*. Columbia, 1962. Paperback.

Price, D. K. *The Scientific Estate*. Belknap Press, 1964.

Storer, N. W. *The Social System of Science*. Holt, Rinehart & Winston, 1966.

(d) *The problems of innovation in industry*

Burns, T. & Stalker, G. M. *The Management of Innovation*. Tavistock, 1961.

Carter, C. F. & Williams, B. R. *Industry & Technical Progress*. O.U.P., 1957.

Carter, C. F. & Williams, B. R. *Investment in Innovation*. O.U.P., 1959.

Fensham, P. J. & Hooper, D. *The Dynamics of a Changing Technology*. Tavistock, 1964.

Jewkes, J., Sawers, D. & Stillerman, A. *The Sources of Invention*. Macmillan, 1962.

N.B.E.R. (U.S.A.). *The Rate & Direction of Inventive Activity*. Princeton U.P., 1962.

Tybout, R. A. ed. *The Economics of Research & Development*. Ohio U.P., 1965.

(e) *Science, Technology & the Humanities*

Barzun, J. *Science, the Glorious Entertainment*. Secker & Warburg, 1964.

Blanshard, B. *Education in the Age of Science*. Basic Books, 1960.

Boyko, H. *Science & the Future of Mankind*. Junker, the Hague, 1964.

Bronowski, J. *Science & Human Values*. Hutchinson, 1961.

Burke, J. ed. *The New Technology & Human Values*. Wadsworth, 1964.

Einstein, A. *The World as I See It*. Covici, Friede, 1934.

Leavis, F. R. *Two Cultures?* Chatto & Windus, 1962.

Nicholson, M. H. *Science & Imagination*. Great Seal Books, 1956.

Snow, C. P. *The Two Cultures & the Two Cultures and a Second Look*. C.U.P., 1964.

Waddington, C. H. *The Scientific Attitude*. Rev. ed. Penguin, 1948.

Wilkinson, J. et al. *Technology & Human Values*. Centre for the Study of Democratic Institutions, 1966.

(f) *National policies on science & technology*

Appleton, E. V. *Science & the Nation*. Edinburgh U.P., 1957.

Etzioni, A. *The Moon-Doggle*. Doubleday, 1964.

Freeman, C. & Young, A. *The Research & Development Effort in Western Europe*. O.E.C.D., Paris, 1965.

Gilpin, R. & Wright, C. eds. *Scientists & National Policy-Making*. Columbia, 1964.

Korol, A. G. *Soviet Research & Development*. M.I.T. Press, 1965.

Lakoff, S. A. ed. *Knowledge & Power*. Free Press, 1968.

Meier, R. L. *Science & Economic Development*. Rev. ed. M.I.T. Press, 1966.

O.E.C.D. *Reviews of National Science Policy—France, Japan, U.K./Germany, U.S.A.* Paris, 1966-68.

O.E.C.D. *Problems of Science Policy*. Paris, 1968.

Price, D. K. *Government & Science*. N.Y.U. Press, 1964.

Servan-Schreiber, J. J. *The American Challenge*. Athenaeum, N.Y., 1968.

The State of Soviet Science. M.I.T. Press, Cambridge, 1965.

Technology & Economic Development. Scientific American Book. Pelican, 1965.

Wolfe, D. L. *Science & Public Policy*. Nebraska U.P., 1959.

(g) *Science & War*

Calder, N. *Unless Peace Comes*. Penguin, 1968.

Haldane, J. B. S. *Callinicus—A Defence of Chemical Warfare*. Routledge, 1925.

Jungh, R. *Brighter than a Thousand Suns*. Pelican, 1964.

- Lakoff, S. & Dupre, J. S. *Science & the Nation*. Spectrum, N.Y., 1962.
 Rose, S. C.B.W.: *Chemical and Biological Warfare*. Harrap, 1968.
 Rotblat, J. *Pugwash: The First Ten Years*. Heinemann, 1968.
 Zuckerman, S. *Scientists & War*. Hamish Hamilton, 1966.

SUPPLEMENTARY READING

- Abrahamson, M. *The Professional in The Organisation*. Rand McNally, 1967.
 Faunce, W. A. *Problems of an Industrial Society*. McGraw-Hill, 1968.
 Greenberg, D. S. *The Politics of American Science*. Penguin, 1969.
 Mead, M. *Cultural Patterns and Technical Change*. Mentor, 1955.
 Merton, R. K. *Social Theory and Social Structure*. Free Press, 1957.
 Scientific American. *Science, Conflict and Society*. Freeman, 1968.
 The "Sussex Group". *World Plan of Action*. United Nations Economic and Social Council, N.Y., 1970.
 Vollmer, H. M. & Mills, D. L. *Professionalisation*. Prentice-Hall, 1966.
 Walker, C. R. *Technology, Industry, and Man: The Age of Acceleration*. McGraw-Hill, 1968.

3b. Science, Technology & Society

For students who have completed (3a) Science, Technology and Society. Social theory in relation to the impact of science and technology in contemporary society, providing a means of understanding the bases of social interaction in a technology-based society, the influence of science on modern values, the emergence of a science-based outline, science technology and social change, interaction between the science "system" and society.

Options (3a) and (3b) taken together aim to provide students with both a comprehensive perspective on the role of science in society and an appreciation of the application of advanced sociological theory to contemporary society.

REFERENCE BOOKS

- Barber, B. & Hirsch, W. eds. *The Sociology of Science*. Free Press, 1967.
 Barnett, H. G. *Innovation: The Basis of Cultural Change*. McGraw-Hill, 1953.
 Bronowski, J. & Mazlish, B. *The Western Intellectual Tradition*. Pelican, 1970.
 Durkheim, E. *The Division of Labour*. Free Press, 1964.
 Kaplan, N. *Science and Society*. Rand McNally, 1965.
 Laing, R. D. *The Politics of Experience*. Penguin, 1967.
 Marcuse, H. *One Dimensional Man*. Sphere, 1967.
 Marx, K. *Selected Writings*. Any edition.
 Moore, W. E. *Social Change*. Prentice-Hall, 1970.
 Ogburn, W. O. *Social Change*. Peter Smith, 1964.
 Parsens, T. *The Social System*. Free Press, 1961. Paperback.
 Mead, M. *Cultural Patterns and Technical Change*. Mentor, 1955.
 Merton, R. K. *Social Theory and Social Structure*. Free Press, 1957.
 Riesman, D. *The Lonely Crowd*. Abr. ed. Yale U.P., 1961.
 Roszak, T. *The Making of a Counter-Culture*. Faber, 1969.
 Storer, N. W. *The Social System of Science*. Holt, Rinehart & Winston, 1966.
 Vollmer, H. M. & Mills, D. L. *Professionalization*. Prentice-Hall, 1966.
 Weber, M. *The Protestant Ethic and the Spirit of Capitalism*. Allen & Unwin, 1965. Paperback.
 Whyte, W. H. *The Organization Man*. N.Y.U.P., 1957.

4. Medicine and Society

Five sub-sections: (a) basic relationships between the disciplines of sociology, medicine, social psychology and anthropology; (b) the reciprocal

nature of patient-healer relationships; (c) the hospital as a small community; (d) the organisation of medical and health services on a comparative basis, including some medical politics; (e) aspects of methodology and a search for unifying conceptual structures.

TEXTBOOKS

- Apple, D. ed. *Sociological Studies in Health and Illness*. McGraw-Hill, 1960.
 Freidson, E. *The Hospital in Modern Society*. Free Press, 1963.
 Goffman, E. *Asylums*. Anchor Books, 1961.
 Mechanic, D. *Medical Sociology: A Selective View*. Fr. Pr., 1968.

REFERENCE BOOKS

(a) *A Basic Orientation to Medical Sociology*

- Apple, D. ed. *Sociological Studies in Health & Sickness*. McGraw-Hill, 1960.
 Balint, M. *The Doctor, the Patient and his Illness*. Pitman, 1968.
 Jaco, E. G. *Patients, Physicians and Illness*. Free Press, 1958.
 Opler, M. K. ed. *Culture and Mental Health*. Macmillan, 1959.
 Paul, B. D. ed. *Health, Culture and Community*. Russel Sage Foundation, 1955.
 Read, M. *Culture, Health and Disease*. Tavistock, 1966.
 Scott, W. & Volkhart, E. eds. *Medical Care: Readings in the Sociology of Medical Institutions*. Free Press, 1966.
 Sigerist, H. *Primitive and Archaic Medicine*. O.U.P., 1951.
 Sigerist, H. *The Sociology of Medicine*. M. D. Publications, 1960.
 Simmons, L. W. & Wolff, H. G. *Social Science in Medicine*. Russel Sage Foundation, 1954.
 Soddy, K. & Ahrenfeldt, R. *Mental Health in Contemporary Thought*. Tavistock, 1967.
 Zilboorg, G. *A History of Medical Psychology*. Norton, N.Y., 1941.

(b) *Healer-Patient Relationships*

- Argyris, C. *Diagnosing Human Relations in Organisations: A Case Study of a Hospital*.
 Brown, E. L. *Newer Dimensions in Patient Care*. Russell Sage Foundation, 1961.
 Cartwright, A. *Human Relations in Hospital Care*. Routledge, 1964.
 Davis, F. ed. *The Nursing Profession: Five Sociological Essays*. Wiley, 1966.
 King, S. H. *Perceptions of Illness & Medical Practice*. Russell Sage Foundation, 1962.
 Stanton, A. H. & Schwartz, M. S. *The Mental Hospital*. Tavistock, 1954.

(c) *The Hospital as a Micro-Community*

- Caudill, W. *The Psychiatric Hospital as a Small Society*. Harvard U.P., 1958.
 Freidson, E. *The Hospital in Modern Society*. Free Press, 1963.
 Glaser, B. & Strauss, A. *Time for Dying*. Aldine Press, 1968.
 Jaco, E. G. ed. *Patients, Physicians & Illness*. Free Press, 1958.
 Scheff, T. J. ed. *Mental Illness & Social Processes*. Harper & Row, 1967.
 Sudnow, D. *Passing On: The Social Organisation of Dying*. Prentice-Hall, 1967.

(d) *The Organisation of Medical Services*

- Eckstein, H. *Pressure Group Politics: The British Medical Association*. Allen & Unwin, 1960.
 Eckstein, H. *The English Health Service*. Harvard U.P., 1958.
 Evang, K. *Health Services, Society & Medicine*. O.U.P., 1960.
 Farndale, J. *Trends in the National Health Service*. Macmillan, N.Y., 1964.

- Katz, A. H. & Felton, J. eds. *Health & the Community: Readings in the Philosophy & Science of Public Health*. Free Press, 1965.
 Klarman, H. *The Economics of Health*. Columbia U.P., 1965.
 Martin, J. P. *The Social Aspects of Prescribing*. Humanities Press, 1957.

(e) *An Overview and Retrospect*

- Biddle, B. & Thomas, E. eds. *Role Theory*. Wiley, 1966.
 Lindzey, G. & Aronsen, E. *Handbook of Social Psychology*. Vol. III. 2nd ed. Addison-Wesley, 1968.

5a. *Urban Sociology*

The nature of the urban environments and the forms of urban social structures which accompany them. The course will emphasise the importance of the historical, geographical, political and social aspects of city regions with specific reference to urban development in Australia. The course will include a practical project concerned with collecting information about some aspect of urban life.

TEXTBOOKS

- Pahl, R. E. ed. *Readings in Urban Sociology*. Pergamon, 1968.
 Rose, A. J. *Patterns of Cities*. Nelson, 1967.

REFERENCE BOOKS

- Anderson, N. *Urban Community*. Routledge, 1959.
Australian Journal of Social Issues. Sydney—*A Unique City*. Vol. 1. No. 1, Spring, 1961.
 Bensman, J. *Small Town in Mass Society*. N.Y.U.P., 1960.
 Beshers, J. W. *Urban Social Structure*. Free Press, 1962.
 Berger, B. M. *Working Class Suburb*. California U.P., 1960.
 Berger, P. L. *The Human Shape of Work*. Macmillan, 1964.
 Beyer, S. *Housing & Society*. Macmillan, 1965.
 Boschoff, A. *The Sociology of Urban Regions*. Appleton-Century-Crofts, 1962.
 Boyd, R. *Australia's Home*. M.U.P., 1961.
 Boyd, R. *The Australian Ugliness*. Cheshire, 1961.
 Briggs, A. *Historians & the Study of Cities*. Cohen Memorial Lecture, Sydney, 1960.
 Burgess, E. & Bogue, D. J. eds. *Urban Sociology*. Chicago U.P., 1967.
 Cole, W. E. *Urban Society*. C.U.P., Mass., 1958.
 Congalton, A. A. *Status & Prestige in Australia*. Cheshire, 1969.
 Connell, W. F. *Growing up in an Australian City*. A.C.E.R., 1957.
 Cullingworth, J. B. *Housing Needs & Planning Policy*. Routledge, 1960.
 Dept. of Geography, Univ. of Syd. *Readings in Urban Growth*, 1963.
 Dickinson, R. E. *The West European City*. Routledge, 1951.
 Dickinson, R. E. *City & Region*. Routledge, 1964.
 Durkheim, E. *The Division of Labour*. Free Press, 1964.
 Encel, S. *Australian Society*. Cheshire, 1970.
 Ericksen, E. G. *Urban Behaviour*. Macmillan, 1954.
 Frankenberg, R. *Communities in Britain*. Pelican, 1966.
 Friedmann, G. *Industrial Society*. Free Press, 1964.
 Fromm, E. *Fear of Freedom*. Routledge, 1940.
 Galbraith, J. K. *The Affluent Society*. Pelican, 1962.
 Gans, H. J. *The Urban Villagers*. Free Press, 1962.
 Gizzard, D. *Australian Outrage*. The Royal Aust. Inst. of Architects. Ure Smith, 1966.
 Goodman, P. & P. *Communitas*. Random House, 1960.
 Gottman, J. *Megalopolis*. M.I.T., 1964.
 Gutkind, E. A. *The Twilight of Cities*. Free Press, 1962.
 Green, E. et al. *Man and the Modern City*. Pittsburg U.P., 1963.
 Green, C. M. *The Rise of Urban America*. Hutchinson, 1966.

- Hall, P. *London 2000*. Praeger, 1969.
- Hatt, P. K. & Reiss, A. J. eds. *Cities & Society*. Free Press, 1957.
- Hauser, P. M. & Schnore, L. F. *The Study of Urbanization*. Wiley, 1965.
- Jackson, B. *Working Class Communities*. Routledge, 1968.
- Jacobs, Jane. *The Death and Life of Great American Cities*. Cape, 1962.
- Jacobs, N. ed. *Culture for the Millions*. Van Nostrand, N.Y., 1961.
- Kornhauser, W. *The Politics of Mass Society*. Routledge, 1960.
- Lynd, R. & Lynd, M. *Middletown*. Harcourt Brace & World, 1929.
- McDonagh, E. C. & Simpson, J. E. eds. *Social Problems: Persistent Challengers*. Holt, Rinehart & Winston, 1965.
- Mauss, M. *The Gift*. Cunnison, I. trans. London U.P., 1966.
- Morris, R. N. *Urban Sociology*. Allen & Unwin, 1968.
- Mumford, L. *The Culture of Cities*. Harcourt Brace & World, 1948.
- Mumford, L. *The Highway and the City*. Secker & Warburg, 1964.
- Mumford, L. *The City in History*. Harcourt Brace & World, 1961.
- Mumford, L. *The Urban Prospect*. Secker & Warburg, 1968.
- Oeser, O. A. & Hammond, S. B. *Social Structure & Personality in a City*. Routledge, 1954.
- Oeser, O. A. & Emery, F. *Social Structure & Personality in a Rural Town*. Routledge, 1956.
- Pirenne, H. *Medieval Cities*. Anchor, 1956.
- Polsby, N. W. *Community Power & Political Theory*. Yale U.P., 1963.
- Redfield, R. *The Little Community*. Chicago U.P., 1955.
- Redfield, R. *Peasant Society & Culture*. Chicago U.P., 1956.
- Reissman, L. *The Urban Process*. N.Y.U.P., 1964.
- Riesman, D. *The Lonely Crowd*. Anchor, 1950.
- Robson, W. A. ed. *Great Cities of the World*. Macmillan, 1957.
- Sanders, I. T. *The Community*. Ronald Press, 1958.
- Scott, D. & U'Ren, R. *Leisure*. Cheshire, 1962.
- Simmel, G. *The Metropolis & Mental Life, in Sociology of Georg Simmel*. Wolff, K. H. trans. Free Press, 1950.
- Simmel, G. *Conflict & the Web of Group-Affiliations*. Wolff, K. H. & Bendix, R. trans. Free Press, 1955.
- Stevenson, A. et al. *High Living*. M.U.P., 1967.
- Stretton, H. *Ideas for Australian Cities*. Stretton, 1970.
- Scott, D. & U'Ren, R. *Leisure*. Cheshire, 1962.
- Tonnies, F. *Gemeinschaft und Gesellschaft*. Loomis, C. P. trans. N.Y.U.P., 1940.
- Troy, P. *Urban Development in Australia*. A.N.U.P., 1967.
- Turner, R. H. ed. *Robert E. Park—On Social Control & Collective Behaviour*. Chicago U.P., 1967.
- Walker, A. *Coaltown*. M.U.P., 1945.
- Warren, R. L. *Perspectives on the American Community*. Rand McNally, 1966.
- Weber, M. *The City*. Martindale, D. & Neuwirth, G. trans. Free Press, 1958.
- Wilkes, J. ed. *Australian Cities: Chaos or Planned Growth?* A. & R. 1966.
- Wilson, J. Q. ed. *City Politics on Public Policy*. Wiley, 1968.
- Willmott, P. & Young, M. *Family & Class in a London Suburb*. Routledge, 1960.
- Whyte, W. H. *The Organization Man*. N.Y.U.P., 1957.
- Wirth, L. *Urbanism as a Way of Life*. Vol. 44. Amer.J.Soc., 1938.
- Wood, R. O. *Suburbia*. Houghton Mifflin, 1959.

5b. *Urban Sociology*

Contemporary metropolitan problems with emphasis on the proposed S.P.A.'s Region Plan for Sydney 1970-2000. The course centres on detailed study conducted by the class on a particular problem of urban growth in Sydney.

TEXTBOOKS

- Gordon, M. *Sick Cities*. Penguin, N.Y., 1963.
S.P.A.'s Region Plan for Sydney, 1970-2000. Govt. Printer, 1968.

REFERENCE BOOKS

Communication

- Buchanan, C. *Traffic in Towns*. H.M.S.O., 1963.
 Ritter, P. *Planning for Man and Motor*. Pergamon, 1964.

Pollution

- British Ecological Society. *Ecology and Industrial Society*. Proceedings of the 5th Symposium. O.U.P., 1965.
 Drury, W. H. & Nisbet, C. T. *The Ecological Costs of Pollution*. In *Modern Govt. and National Development*, Oct., 1969.

Urban Government

- A.I.P.S. *Australian Cities: Chaos or Planned Growth?* A. & R., 1966.
 Banfield, E. C. & Wilson, J. Q. *City Politics*. Harvard U.P., 1963.
 Meyerson, M. & Banfield, E. C. *Politics, Planning and the Public Interest*. Free Press, 1955.

Problems of Community Living

- Gans, H. J. *The Urban Villagers*. Free Press, 1962.
 Keller, S. *The Urban Neighbourhood: A Sociological Perspective*. Random House, 1968.
 Peattie, L. *Reflections on Advocacy Planning*. A.I.P.S. Vol. 34, March, 1968.

6. *Culture and Society*

Culture and Society is a one session course which will deal with a number of manifestations of modern western technological society and the alternatives that are being offered to it. It will concentrate on a few particular fields, relating them to the general question of changing consciousness and the non-linear tradition.

TEXTBOOKS

- Cooper, D. *The Dialectics of Liberation*. Penguin, 1970.
 Cranston, M. *The New Left*. Bodley Head, 1970.
 Kerouac, J. *Desolation Angels*. Mayflower, 1969.
 Klapp, O. *Collective Search for Identity*. Holt, Rinehart & Winston, 1969.
 Reys, P. *Zen Flesh, Zen Bones*. Penguin, 1971.
 Roszak, T. *The Making of a Counter-Culture*. Faber, 1970.
 Tart, C. *Altered States of Consciousness*. Wiley, 1969.

7. *Film and Society*

Film represents a formalization of the symbolic interchange that makes up the culture of a society. The course looks at film as an industry, a cultural extension and as a communication system. Offers opportunities for the production by students of films of their own devising, as well as analysis and discussion of current movies. Students are expected to attend movies related to the course.

TEXTBOOKS

- Guiles, F. L. *Norma Jean*. Allen, 1969.
 Jarvie, I. *Towards a Sociology of the Cinema*. Routledge, 1970.
 MacCann, R. D. *Film and Society*. Dutton, 1964.
 Smallman, K. *Creative Film-Making*. Collier, 1969.

Both the Studio Vista Dutton and Cinema One series provide works on individual directors or schools. Jarvie's book provides a full bibliography, and course participants should try to read it before the course begins.

The films to be studied include those by directors such as Fritz Lang, John Ford, Orson Welles, Jerry Lewis, Jean-Luc Godard, Charlie Chaplin and Francois Truffaut.

8. *Music and Society*

A course presented jointly by the School of Sociology and the Department of Music.

No specialized knowledge of music is required as a prerequisite. The course deals primarily with the present-day relationship of musical practice and the society of which it is both an expression and a product, introduced through historical and cross-cultural comparisons. Topics include: Societal definitions of music; the social role of music in ceremonial, public, educational and domestic situations; music and social stratification; the inter-action between music, technology and changing economic conditions; the organization and sociological significance of the popular music industry; music as an outlet for social, political, racial, religious, national and philosophical ideas.

REFERENCE BOOKS

- Cooper, M. *Ideas and Music*. Barrie & Rockliff, London, 1965.
 Finkelstein, S. *How Music Expresses Ideas*. Rev. ed. International Pub. Co., 1970.
 Hall, J. B. & Ulanov, B. *Modern Culture and the Arts*. McGraw-Hill, 1967.
 Harman, A. & Mellers, W. *Man and his Music*. 4 vols. Barrie & Rockliff, London, 1969.
 Kaplan, M. *The Musician in America: A Study of His Social Roles*. Univ. of Michigan, 1967.
 Lang, P. H. ed. *Music in Western Civilisation*. Norton, 1941.
 Malm, W. P. *Music Cultures of the Pacific, the Near East and Asia*. Prentice-Hall, 1965.
 Merriam, A. P. *The Anthropology of Music*. Kunst, J. ed. Northwestern U.P., 1964.
 Nettel, B. *Folk and Traditional Music of the Western Continents*. Prentice-Hall, 1965.
 Rosenberg, B. & White, D. M. *Mass Culture: The Popular Arts in America*. Free Press, 1957.
 Sachs, C. *The Wellsprings of Music*. McGraw-Hill, 1965.
 Silbermann, A. *The Sociology of Music*. Stewart, C. trans. Routledge, 1963.
 Weber, M. *The Rational and Social Foundations of Music*. Martindale, D., Riedel, J. & Neuwirth, G., trans. Southern Illinois U.P., 1969.

Students taking the course will have access to factual information gathered for:

- Covell, R., Sargent, M. & Brown, P. A. *Music in Australia: Needs and Possibilities*. A Report for the Australian Council for the Arts. 2 vols. Unisearch, Sydney, 1970.

9. *Sociology of Education*

The application of sociological principles and concepts to education, by reference to research reports and literature. Session 2: a comparative analysis of aspects of the education system in various societies, allowing students practice in applying sociological theory to education.

Political and economic sub-systems in relation to education; the process of acculturation; the effects of stratification on educational opportunities; the learning process in the educational system and the classroom group; educational goals.

Designed for both educators and those with a more general interest in education.

TEXTBOOKS

- Brookover, W. B. & Gottlieb, D. eds. *A Sociology of Education*. American Book Co., 1964.
- Campbell, W. J. ed. *Scholars in Context: The Effects of Environments on Learning*. Wiley, Sydney, 1970.
- Joslin, D. A. *The School in Contemporary Society*. Keystones of Education Series. Scott, Foreman & Co., 1965.
- Katz, F. M. & Browne, R. K. eds. *Sociology of Education: A Book of Readings Pertinent to the Australian Education System*. McMillan, Melbourne, 1970.
- Partridge, P. H. *Society, Schools and Progress in Australia*. Pergamon, 1969.
- Westley-Gibson, D. *Social Perspectives on Education: The Society, the Student, the School*. Wiley, 1965.

REFERENCE BOOKS

- Ashley, B. J. et al. *An Introduction to the Sociology of Education*. McMillan, London, 1969.
- Baron, J., Cole, W. E., & Lox, R. I. *Society, Schools and Progress in England*. Pergamon.
- Cole, W. E. & Lox, R. I. *Social Foundations of Education*. American Book Co.
- Corwin, R. G. *A Sociology of Education*. Appleton-Century-Crofts.
- Eggleston, S. J. *The Social Context of the School*. Routledge.
- Fraser, S. comp. *Chinese Communist Education*. Wiley.
- Grambs, J. D. *Schools, Scholars and Society*. Prentice-Hall, 1965.
- Grant, N. *Society, Schools and Progress in Eastern Europe*. Pergamon, 1969.
- Grant, N. *Soviet Education*. Pelican.
- Hansen, D. A. & Gerstle, J. E. eds. *On Education—Social Perspectives*. Wiley, 1967.
- Havighurst, R. J. & Meugarten, B. L. *Society and Education*. Allyn & Bacon, 1967.
- King, E. J. *Society, Schools and Progress in Western Europe*. Addison-Wesley.
- King, E. J. *Society, Schools in U.S.A.* Pergamon.
- Mackie, M. *Education in the Inquiring Society*. A.C.E.R., Melb.
- Miller, T. W. G. ed. *Education and South East Asia*. Novak.
- Musgrave, P. W. *The Sociology of Education*. Methuen.
- Passin, H. *Society and Education in Japan*. Teachers College, Columbia Univ.
- Sexton, P. C. ed. *Readings on the School in Society*. Prentice-Hall.
- Shipman, M. D. *Sociology of the School*. Longmans.
- Swift, D. F. *The Sociology of Education: Introductory Analytical Perspectives*. Routledge, 1969.
- Chiu Sam Tsang. *Society, Schools and Progress in China*. Wiley.

10. Race Relations

The study of inter-group relations based on 'racial' and 'ethnic' differences. The development and character of 'racist' theories. Racial prejudice: its nature and origins. The structure of racial discrimination in modern societies, including Australia.

TEXTBOOKS

- Allport, G. W. *The Nature of Prejudice*. Anchor, 1958.
- Ashley Montagu, M. F. ed. *The Concept of Race*. Collier-Macmillan, 1964.
- Banton, M. *Race Relations*. Tavistock, 1967.
- Hunter, G. ed. *Industrialization and Race Relations*. O.U.P., 1965.
- Dept. of Immigration, Canberra. *The Evolution of a Policy*. Govt. Printer, 1971.

REFERENCE BOOKS

- Adorno, T. W. et al. *The Authoritarian Personality*. Harper, 1950.
- Arendt, H. *The Origins of Totalitarianism*. Allen & Unwin, 1958.

- The Autobiography of Malcolm X*. Grove Press, 1966.
- Banton, M. *White and Coloured*. Cape, 1959.
- Barzun, J. *Race: A Study in Superstition*. Harper, 1965.
- Berry, B. *Race and Ethnic Relations*. 3rd ed. Houghton Mifflin, 1965.
- Bettelheim, B. *The Informed Heart*. Free Press, 1960.
- Bunting, B. *The Rise of the South African Reich*. Penguin, 1964.
- Cash, W. J. *The Mind of the South*. Anchor, 1954.
- Cleaver, E. *Soul on Ice*. Random House, 1968.
- Cox, O. C. *Caste, Class and Race*. Monthly Review Press, 1959.
- Deakin, N. ed. *Colour and the British Electorate*. Pall Mall, 1965.
- Dollard, J. *Caste and Class in a Southern Town*. Anchor, 1957.
- Du Bois, W. E. B. *The Souls of Black Folk*. Longmans, 1965.
- Essien-Udom, E. U. *Black Nationalism*. Penguin, 1966.
- Foot, P. *Immigration and Race in British Politics*. Penguin, 1965.
- Glazer, N. & Moynihan, D. P. *Beyond the Melting Pot*. 2nd ed. M.I.T., 1970.
- Hartz, L. *The Founding of New Societies*. Harcourt, Brace, 1964.
- Hernton, C. C. *Sex and Racism*. Deutsch, 1969.
- Hilberg, R. *The Destruction of the European Jews*. Allen, London, 1961.
- Huck, A. *The Chinese in Australia*. Longmans, 1968.
- Kuper, L. *An African Bourgeoisie*. Yale U.P., 1965.
- Lawrence, P. *Road Belong Cargo*. Manchester U.P., 1964.
- McQueen, H. *A New Britannia*. Penguin, 1970.
- Myrdal, G. *An American Dilemma*. Harper, 1962.
- Park, R. E. *Race and Culture*. Free Press, 1950.
- Price, A. G. *White Settlers & Native Peoples*. Georgian House, 1950.
- Price, C. A. *Southern Europeans in Australia*. O.U.P., 1963.
- Rex, J. & Moore, R. *Race, Community and Conflict*. O.U.P., 1967.
- Richmond, A. H. *The Colour Problem*. Penguin, 1961.
- Rowley, C. D. *The Destruction of Aboriginal Society*. A.N.U.P., 1970.
- Sartre, J.-P. *Portrait of the anti-Semite*. Secker & Warburg, 1948.
- Stevens, F. S. ed. *Racism—The Australian Experience*. A.N.Z. Publ. Co., 1971.
- Van den Berghe, P. L. *South Africa: A Study in Conflict*. Wesleyan U.P., 1965.
- Wright, R. *Black Boy*. Gollancz, 1945.
- Yarwood, A. T. *Asian Migration to Australia*. M.U.P., 1964.

11. *Sociology of Religion B*

Integrates the theological content of religion with its social practices. Emphasis on a case-study of a modern Western chiliastic religion: Jehovah's Witnesses. The Adventist movement. The historical treatment includes the major personalities involved, the organizational and doctrinal development.

As one of the most thorough modern-day exponents of fundamentalism, Jehovah's Witnesses are considered for the light they can cast on early protestantism. The link between Jehovah's Witnesses and Weber's theory of the protestant ethic; recent re-statements of the Weberian account by Eisenstadt and McClelland in particular.

Practical: a sociological study of Jehovah's Witnesses, subject to the difficulties expected in interviewing a representative sample of adherents (previous investigators report that Jehovah's Witnesses are in many ways a secret society).

TEXTBOOKS

- Brown, A. *Social Psychology*. Free Press, 1964.
- Rogerson, A. *Millions Now Living Will Never Die: A study of Jehovah's Witnesses*. Constable, 1969.

REFERENCE BOOKS

General

Eisenstadt, S. U. *The Protestant Ethic Thesis*. In Robertson, R. ed. *Sociology of Religion*. Penguin, 1969.

McClelland, D. *The Achieving Society*. Van Nostrand, 1961.

Wilson, B. R. *Sects and Society*. Heinemann, 1961.

On Jehovah's Witnesses

Cole, Marley. *Jehovah's Witnesses, the New-world Society*. Allen & Unwin, 1956.

Martin, W. R. *Jehovah's Witnesses*. Zondervan, Michigan, 1961.

Mayer, F. E. *Jehovah's Witnesses*. Concordia, St. Louis.

McMillan, A. H. *Faith on the March*. Prentice-Hall, 1957.

Schnell, W. J. *Thirty Years a Watchtower Slave*. Baker Book House, Grand Rapids, Michigan.

Strauss, L. *Jehovah's Witnesses*. Loizeaux.

Stroup, H. H. *The Jehovah's Witnesses*. Columbia U.P., 1945.

Jehovah's Witnesses Publications

Anonymous. *Jehovah's Witnesses in the Divine Purpose*. W.T.B. & T. Soc., N.Y., 1959.

Anonymous. *Preaching and Teaching in Peace and Unity*. W.T.B. & T. Soc., N.Y., 1958.

Anonymous. *Let God Be True*. 2nd ed. W.T.B. & T. Soc., N.Y., 1954.

Anonymous. *Theocratic Aid to Kingdom Publishers*. W.T.B. & T. Soc., N.Y., 1947.

Russell, C. T. *Millennial Dawn*. Zions Watchtower Tract Society, N.Y., 1894.

Rutherford, J. F. *Riches*. W.T.B. & T. Soc., N.Y., 1936.

12. *Industrial Sociology*

A course of lectures and seminars dealing with selected aspects of industrial organization, industrial conflict, occupational roles, and the impact of social change. Major topics from which the course in any one year will be drawn include the following:

(a) *The Factory as a Social System*

The division of labour, forms of authority, principal areas of conflict, and methods of finding agreement over disputed issues.

(b) *Industrial Conflict*

The economic basis of industrial conflict, the organizational forms in which conflicts are canalized, the conflict of roles, and the problems of authority and power.

(c) *Technology and Social Change*

The growth of occupational and income differentiation; social and organizational effects of innovation in industrial processes; the emergence of forms of industrial organization in response to technological and economic changes.

(d) *Special cases of occupational change*

TEXTBOOKS

Caplow, T. *Principles of Organization*. Harcourt & Brace, 1964.

Miller, D. C. & Form, W. H. *Industrial Sociology*. Harper, 1964.

REFERENCE BOOKS

Aron, R. *18 Lectures on Industrial Sociology*. Weidenfeld & Nicolson, 1967. Paperback.

- Bendix, R. *Work and Authority in Industry*. Wiley, 1956 & Harper, 1963. Paperback.
- Brown, J. A. C. *The Social Psychology of Industry*. Penguin, 1954. Paperback.
- Caplow, T. *The Sociology of Work*. Minn. U.P., 1954.
- Ellul, J. *The Technological Society*. Cape, 1965.
- Etzioni, A. ed. *The Comparative Analysis of Complex Organizations*. Free Press, 1961.
- Ford, G. W. & Mathews, P. W. D. eds. *Australian Labour Unions*. Sun Books, 1967.
- Friedmann, W. *Industrial Society*. Free Press. Paperback.
- Gouldner, A. W. *Patterns of Industrial Bureaucracy*. Free Press and Routledge, 1955. Paperback.
- Gouldner, A. W. *Wildcat Strike*. Harper Torchbooks and Routledge, 1955. Paperback.
- Isaac, J. E. & Ford, G. W. eds. *Australian Labour Relations*. Sun Books, 1967. Paperback.
- Jaques, E. *The Changing Culture of a Factory*. Tavistock, 1951.
- Katz, D. & Kahn, R. L. *The Social Psychology of Organizations*. Wiley, 1966.
- Kerr, C. et al. *Industrialism and Industrial Man*. Heinemann, 1962.
- Kornhauser, W. ed. *Industrial Conflict*. McGraw-Hill, 1954.
- Lafitte, P. *Social Structure and Personality in a Factory*. Routledge, 1958.
- Lipset, S. & Bendix, R. *Social Mobility in Industrial Society*. California U.P., 1959. Paperback.
- Lockwood, D. *The Blackcoated Worker*. Allen & Unwin, 1958. 1967. Paperback.
- Mills, C. W. *White Collar*. O.U.P., 1951. Galaxy, 1956. Paperback.
- Prandy, K. *Professional Employees*. Faber, 1965.
- Sturmthal, A. ed. *White Collar Trade Unions*. Illinois U.P., 1966.
- Symons, J. *The General Strike*. Cresset Press, 1957.
- Walker, K. F. *Industrial Relations in Australia*. Harvard U.P., 1956.
- Zweig, F. *The Worker in an Affluent Society*. Heinemann, 1961.

13. *Advanced Sociological Research*

For students who have completed the Methods of Social Research option in Sociology II. Students must complete a research project during the year, and working closely with individual members of staff who offer instruction at an advanced level in techniques of social research (such as survey design, questionnaire construction, scaling, interviewing, observation, participant observation, content analysis) and techniques of analysis (statistics, Fortran IV programming). Students have some choice of methods to fit their research interests.

14. *Advanced Sociological Theory*

A study of the development of sociological theory, with particular emphasis on main currents in sociological thought and modern theorists.

TEXTBOOK

Cohen, P. S. *Modern Social Theory*. Heinemann, 1968.

REFERENCE BOOKS

- Aron, R. *Main Currents in Sociological Thought*. Basic Books, 1967.
- Aron, R. *German Sociology*. Free Press, 1964.
- Becker, H. & Barnes, H. E. *Social Thought from Lore to Science*. Dover, 1961.
- Bendix, R. *Max Weber: An Intellectual Portrait*. Doubleday, 1962.
- Black, M. ed. *The Social Theories of Talcott Parsons*. Prentice-Hall, 1961.
- Coser, L. A. ed. *Georg Simmel*. Prentice-Hall, 1965.

- Coser, L. A. *The Functions of Social Conflict*. Free Press, 1956.
- Coser, L. A. & Rosenberg, B. eds. *Sociological Theory*. Macmillan, 1964.
- Durkheim, E. *Essays on Sociology & Philosophy*. Harper Torchbooks, 1960.
- Gerth, H. H. & Mills, C. W. *From Max Weber: Essays in Sociology*. Oxford Galaxy, 1958.
- Gross, L. *Symposium on Sociological Theory*. Row Peterson, 1959.
- Johnson, H. M. *Sociology: A Systematic Introduction*. Harcourt Brace & World, 1960.
- Loomis, C. P. & Z. K. *Modern Sociological Theories*. Van Nostrand, 1961.
- Martindale, D. *The Nature of Sociological Theory*. Houghton Mifflin, 1960.
- Nisbet, R. A. *Emile Durkheim*. Prentice-Hall, 1965.
- Parsons, T., Shils, E., Naegle, K. D. & Pitts, J. R. *Theories of Society: Foundations of Modern Sociological Theory*. Free Press, 1961.
- Parsons, T. *The Social System*. Paperback. Free Press, 1964.
- Parsons, T. *Essays in Sociological Theory*. Free Press, 1964. Paperback.
- Sorokin, P. *Sociological Theories of Today*. Harper & Row, 1966.
- Weber, M. *The Theory of Social & Economic Organization*. Free Press, 1964.
- Zeitlin, I. M. *Ideology & the Development of Sociological Theory*. Prentice-Hall, 1968.

53.123 Sociology IIIA (Honours)

SOCIOLOGY IIIA (Pass), together with an extra advanced seminar for honours students only.

53.143 Sociology IIIB (Honours)

Consists of three sections:

- (a) A course in advanced sociological research (see under Sociology IIIA);
- (b) An individual research project;
- (c) An advanced seminar.

53.114 Sociology IV (Honours)

Students are required to:

- (a) attend two weekly seminars;
- (b) submit a thesis based on an individual research project.

SPANISH AND LATIN AMERICAN STUDIES

65.001 Spanish IZ

For students who have little or no knowledge of Spanish but who have gained a Second Level pass in the Higher School Certificate in a language other than English or who have similar qualifications. Other students may be admitted to the course by Faculty on the recommendation of the Head of School.

1. Language

In both sessions the Spanish language will be studied intensively. As soon as practicable tutorial classes will be conducted entirely in Spanish.

TEXTBOOKS

Locke, P. *Ealing Course in Spanish*. 2 vols. Longmans. Paperback.

Rogers, P. *Spanish for the First Year*. Macmillan.

Smith, C. C. *Langenscheidt's Standard Dictionary: English-Spanish, Spanish-English*. Hodder & Stoughton.

REFERENCE BOOKS

Cheyne, G. J. G. *A Classified Spanish Vocabulary*. Harrap.

Peers, E. A. *Cassell's Spanish-English, English-Spanish Dictionary*. Cassell.

Smith, C. C. *Collins' Spanish-English, English-Spanish Dictionary*. Collins.

2. Civilization and Society**SESSION 1**

An introduction to Spanish studies. Covers aspects of Spanish history with emphasis on the period 1898 to the present.

TEXTBOOKS

Brenan, G. *The Spanish Labyrinth*. C.U.P.

Payne, S. *Franco's Spain*. Routledge.

Trend, J. B. *The Civilization of Spain*. O.U.P.

Villar, P. *Spain: A Brief History*. Pergamon.

REFERENCE BOOKS

Payne, S. *Politics and the Military in Spain*. Stanford U.P.

Sánchez, José M. *Reform and Reaction*. North Carolina U.P.

Woodcock, G. *Anarchism: A History of Libertarian Ideas and Movements*. Penguin.

SESSION 2

An introduction to Latin American studies. Covers aspects of Latin American history and culture with emphasis on the twentieth century.

TEXTBOOKS

Franco, J. *The Modern Culture of Latin America*. Penguin.

Pendle, G. *A History of Latin America*. Penguin.

REFERENCE BOOKS

Bailey, H. M. & Nasatir, A. P. *Latin America: The Development of its Civilization*. Prentice-Hall.

Englekirk, J. E. ed. *Outline History of Spanish American Literature*. Appleton-Century-Crofts.

Herring, H. C. *A History of Latin America*. Knopf.

Zea, L. *The Latin American Mind*. Oklahoma U.P.

3. Literature**SESSION 2**

Tutorials on Modern Spanish and Spanish-American literary texts covering the rudiments of literary criticism.

TEXTBOOKS

Andrian, G. W. *Modern Spanish Prose*. Macmillan.

Yates, D. A. & Dalbor, J. B. *Cuentos de las Américas. Imaginación y fantasía*. Rev. ed. Holt, Rinehart & Winston.

65.111 Spanish I

For students who have gained at least a Second Level pass in Spanish in the Higher School Certificate Examination or who have equivalent qualifications in Spanish.

1. *Language*

SESSIONS 1 AND 2

Descriptive linguistics of Spanish. Where possible, Spanish will be the language of instruction.

TEXTBOOK

Stockwell, R. P., Bowen, J. D. & Martin, J. W. *The Grammatical Structures of English and Spanish*. Chicago U.P.

REFERENCE BOOKS

Alonso, M. *Gramática del español contemporáneo*. Guadarrama.

Harmer, L. C. & Norton, F. J. *A Manual of Modern Spanish*. University Tutorial P.

Kany, C. E. *American-Spanish Syntax*. Chicago U.P.

Real Academia Española. *Gramática de la lengua española*. Espasa-Calpe.

2. *Civilization and Society*

SESSION 1

An introduction to Spanish studies covers aspects of Spanish history with emphasis on the twentieth century.

TEXTBOOKS

Brenan, G. *The Spanish Labyrinth*. C.U.P.

Payne, S. *Franco's Spain*. Routledge.

Trend, J. B. *The Civilization of Spain*. O.U.P.

Vilar, P. *Spain: A Brief History*. Pergamon.

REFERENCE BOOKS

Payne, S. *Politics and the Military in Spain*. Stanford U.P.

Sánchez, José M. *Reform and Reaction*. North Carolina U.P.

Woodcock, G. *Anarchism: A History of Libertarian Ideas and Movements*. Penguin.

SESSION 2

An introduction to Latin American studies covers aspects of Latin American history and culture with emphasis on the twentieth century.

TEXTBOOKS

Franco, J. *The Modern Culture of Latin America*. Penguin.

Pendle, G. *A History of Latin America*. Penguin.

REFERENCE BOOKS

Bailey, H. M. & Nasatir, A. P. *Latin America: the Development of its Civilization*. Prentice-Hall.

Englekirk, J. E., ed. *Outline History of Spanish-American Literature*. Appleton-Century-Crofts.

Herring, H. C. *A History of Latin America*. Knopf.

Zea, L. *The Latin American Mind*. Oklahoma U.P.

3. *Literature*

SESSION 1

Modern Spanish literary texts.

TEXTBOOKS

Buero, Vallejo A. *Historia de una escalera*. London U.P.

Cela, C. J. *La familia de Pascual Duarte*. Harrap.

Fernández, Santos J. *Los bravos*. Harrap.

Gironella, J. M. *Los cipreses creen en Dios*. Holt, Rinehart & Winston.

SESSION 2

Modern Spanish-American literary texts. These form the basis of an introduction to literary criticism.

TEXTBOOKS

Arguedas, J. M. *Yawar fiesta*. Mejía Baca.

Benítez, F. *El agua envenenada*. Harrap.

Borges, J. L. *Ficciones*. Emecé.

García, Márquez G. *Los funerales de la Mamá Grande*. Sudamericana.

Rulfo, J. *Pedro Páramo*. Appleton-Century-Crofts.

65.002 Spanish IIZ1. *Language*

SESSIONS 1 AND 2

An intensive study of the Spanish language.

TEXTBOOKS

Locke, P. *Ealing Course in Spanish*. Longman.

Mason, K. L. J. *Advanced Spanish Course*. Pergamon.

Ponce de León, J. L. S. *El arte de la conversación*. Harper & Row.

REFERENCE BOOKS

Gerrard, A. B. & J. de Heras. *Beyond the Dictionary in Spanish*. Cassell.

Peers, E. A. *Cassell's Spanish-English, English-Spanish Dictionary*. Cassell.

Smith, C. C. *Collins' Spanish-English, English-Spanish Dictionary*. Collins.

VOX. *Diccionario general ilustrado de la lengua española*. Spes.

2. *Civilization and Society*

SESSION 1

Aspects of Spanish history with emphasis on the twentieth century.

TEXTBOOKS

Brenan, G. *The Spanish Labyrinth*. C.U.P.

Payne, S. *Franco's Spain*. Routledge.

Trend, J. B. *The Civilization of Spain*. O.U.P.

Vilar, P. *Spain: A Brief History*. Pergamon.

REFERENCE BOOKS

Payne, S. *Politics and the Military in Spain*. Stanford U.P.

Sánchez, J. M. *Reform and Reaction*. North Carolina U.P.

Woodcock, G. *Anarchism: A History of Libertarian Ideas and Movements*. Penguin.

SESSION 2

Aspects of Latin American history and culture with emphasis on the twentieth century.

TEXTBOOKS

Franco, J. *The Modern Culture of Latin America*. Penguin.

Pendle, G. *A History of Latin America*. Penguin.

REFERENCE BOOKS

- Bailey, H. M. & Nasatir, A. P. *Latin America: the Development of its Civilisation*. Prentice-Hall.
 Englekirk, J. E. ed. *Outline History of Spanish-American Literature*. Appleton-Century-Crofts.
 Herring, H. C. *A History of Latin America*. Knopf.
 Zea, L. *The Latin American Mind*. Oklahoma U.P.

3. Literature

SESSION 1

Tutorials on modern Spanish literary texts.

TEXTBOOKS

- Buero Vallejo, A. *Historia de una escalera*. London U.P.
 Cela, C. J. *La familia de Pascual Duarte*. Harrap.
 Fernández Santos, J. *Los bravos*. Harrap.
 Gironella, J. M. *Los cipreses creen en Dios*. Holt, Rinehart & Winston.

SESSION 2

Tutorials on modern Spanish-American literary texts.

TEXTBOOKS

- Arguedas, J. M. *Yawar fiesta*. Mejía Baca.
 Benítez, F. *El agua envenenada*. Harrap.
 Borges, J. L. *Ficciones*. Emecé.
 García Márquez, G. *Los funerales de la Mamá Grande*. Sudamericana.
 Rulfo, J. *Pedro Páramo*. Appleton-Century-Crofts.

65.022 Spanish IIZ (Honours)

The pass course (65.002) plus a study of the poetry and drama of García Lorca.

TEXTBOOKS

SESSION 1

- García Lorca, F. *Antología poética*. Losada Biblioteca Contemporánea.

SESSION 2

- García Lorca, F. *Bodas de sangre*. Losada.
 García Lorca, F. *Doña Rosita la soltera*. Losada.
 García Lorca, F. *La casa de Bernarda Alba*. Losada.
 García Lorca, F. *Yerma*. Losada.

REFERENCE BOOKS

- Alonso, D. *Poetas españoles contemporáneos*. Gredos.
 Bousoño, C. *Teoría de la expresión poética*. Gredos.
 Durán, M. ed. *Lorca*. Prentice-Hall.
 Díaz-Plaja, G. *Federico García Lorca; estudio crítico*. Austral.
 García Lorca, F. *Obras completas*. Aguilar.
 Honig, E. *García Lorca*. Cape.
 Lima, R. *The Theater of Federico García Lorca*. Las Américas.
 Ramos-Gil, C. *Claves líricas de García Lorca*. Aguilar.
 Scarpa, R. E. *El dramatismo en la poesía de Federico García Lorca*. Editorial Universitaria, Santiago.
 Styan, J. L. *The Elements of Drama*. C.U.P.

65.112 Spanish II

SESSIONS 1 AND 2

1. Language

An intensive study of the Spanish language.

TEXTBOOKS

- Neale-Silva, E. & Nelson, D. A. *Lengua hispánica moderna*. Holt, Rinehart & Winston.
 Peers, E. A. *Cassell's Spanish-English, English-Spanish Dictionary*. Cassell.
 or,
 Smith, C. C. *Collins' Spanish-English, English-Spanish Dictionary*. Collins.
 VOX. *Diccionario general ilustrado de la lengua española*. Spes.

2. *Literature and Thought.*

One literary topic studied in each seven weeks of both sessions. Topics: the Golden Age theatre; the nineteenth-century Spanish novel; Gauchesque literature; contemporary Spanish-American fiction.

TEXTBOOKS

(a) *the Golden Age theatre*

- Calderón de la Barca, P. *La vida es sueño*. Ed. Sloman, A. E. Manchester U.P.
 Calderón de la Barca, P. *El alcalde de Zalamea*. Ed. Dunne, P. N. Pergamon.
 Molina, T. de. *El burlador de Sevilla*. Clásicos Castellanos.
 Moreto, A. *El desdén con el desdén*. Clásicos Castellanos.
 Vega, L. de. *Fuenteovejuna*. Ed. Hesse, E. W. Dell.
 Vega, L. de. *El caballero de Olmedo*. Anaya.

(b) *the nineteenth-century Spanish novel*

- Alas, L. *La regenta*. Alianza.
 Pérez Galdós, B. *La de Bringas*. Prentice-Hall.
 Pérez Galdós, B. *La desheredada*. Alianza.

(c) *Gauchesque literature*

- Güiraldes, R. *Don Segundo Sombra*. Losada.
 Hernández, J. *Martín Fierro*. Austral.
 Sarmiento, D. F. *Facundo*. Austral.

(d) *contemporary Spanish-American fiction*

- Borges, J. L. *El Aleph*. Emecé.
 Carpentier, A. *Los pasos perdidos*. Compañía General de Ediciones, Mexico.
 Fuentes, C. *Aura*. Eudeba.
 Roa Bastos, A. *Hijo de hombre*. Losada.

REFERENCE BOOKS

(a) *the Golden Age theatre*

- Bentley, E. *The Life of the Drama*. Methuen.
 Casaldueiro, J. *Estudios sobre el teatro español*. Gredos.
 Castro, A. *De la edad conflictiva*. Vol. 1. *El drama de la honra en España y en su literatura*. Taurus, 1963.
 Crawford, J. P. W. *Spanish Drama Before Lope de Vega*. Pennsylvania U.P.
 Gatti, J. F. ed. *El teatro de Lope de Vega*. B.A. Eudeba.
 Hesse, E. W. *Análisis e interpretación de la comedia*. Castalia.
 Parker, A. A. *The Approach to the Spanish Drama of the Golden Age*. Diamante, VI.
 Parker, A. A. *The Hispanic and Luso-Brazilian Councils*. London.
 Parker, A. A. *The Allegorical Drama of Calderón*. Dolphin, Oxford.
 Rennert, H. A. *The Spanish Stage in the Time of Lope de Vega*. Dover.
 Shergold, N. D. *A History of the Spanish Stage*. O.U.P.
 Styau, J. L. *The Elements of Drama*. C.U.P.
 Wardropper, B. W. ed. *Critical Essays on the Theatre of Calderón*. N.Y.U.P.

Wardropper, B. W. ed. *Introducción al teatro religioso del siglo de oro. (1500-1648)*. Revista de Occidente.

(b) *the nineteenth-century Spanish novel*

Berkowitz, H. C. *Pérez Galdós, Spanish Liberal Crusader*. Wisconsin U.P.

Beser, S. *Leopoldo Alas, crítico literario*. Gredos.

Brent, A. *Leopoldo Alas and "La regenta"*. Missouri U.P.

Carr, A. R. M. *Spain, 1808-1939*. O.U.P.

Casaldueiro, J. *Vida y obra de Galdós*. Gredos.

Eoff, S. *The Novels of Pérez Galdós*. Washington U.P.

Gullón, R. *Galdós, novelista moderno*. Gredos.

Montesinos, J. F. *Galdós*. Castalia.

Ricard, R. *Galdós et ses romans*. C.R.I.E.M., Paris.

Schraibman, J. *Dreams in the Novels of Galdós*. Hispanic Institute, N.Y.

(c) *Gauchesque literature*

Martínez Estrada, E. *Radiografía de la pampa*. Losada.

Previtali, G. *Ricardo Güiraldes and Don Segundo Sombra*. Hispanic Institute, N.Y.

Viñas, D. *Literatura argentina y realidad política*. Alvarez, Buenos Aires.

Williams Alzago, E. *La pampa en la novela argentina*. Estrada, Buenos Aires.

(d) *contemporary Spanish-American fiction*

Barrenechea, A. M. *Borges, the Labyrinth Maker*. N.Y.U.P.

Harss, L. *Los nuestros*. Sudamericana.

65.122 Spanish II (Honours)

The pass course (65.112) plus a study of the poetry and drama of García Lorca (as for 65.022 Spanish IIz [Honours]).

65.113 Spanish IIIA

SESSIONS 1 AND 2

1. Language

An intensive study of the Spanish language.

TEXTBOOKS

Neale-Silva, E. & Nelson, D. A. *Lengua hispánica moderna*. Holt, Rinehart & Winston.

Peers, E. A. *Cassell's Spanish-English, English-Spanish Dictionary*. Cassell.

or

Smith, C. C. *Collins' Spanish-English, English-Spanish Dictionary*. Collins.

VOX. *Diccionario general ilustrado de la lengua española*. Spes.

2. Literature and Thought

One topic studied in each seven weeks of both sessions. Choice of *four* of the following topics: the Golden Age theatre; the nineteenth-century Spanish novel; Gauchesque literature; contemporary Spanish-American fiction; chronicles of the discovery and conquest of Mexico; the *romance*; sixteenth-century poetry; applied linguistics in Spanish.

TEXTBOOKS

(a) *the Golden Age theatre*

(b) *the nineteenth-century Spanish novel*

As for 65.002 Spanish IIz

(c) *Gauchesque literature*

(a)-(d)

(d) *contemporary Spanish-American fiction*

(e) *chronicles of the discovery and conquest of Mexico*

Cortés, H. *Cartas de relación de la conquista de Méjico*. Austral.

Díaz, B. *Historia verdadera de la conquista de la Nueva España*. Austral.

Further material is provided by the School.

(f) *the romance*

Menéndez Pidal, R. *Flor nueva de romances viejos*. Austral.

Smith, C. C. *Spanish Ballads*. Pergamon.

(g) *sixteenth-century Spanish poetry*

Rivers, E. L. ed. *Garcilaso de la Vega: Poesías castellanas completas*. Clásicos Castalia.

Sarmiento, E. ed. *The Original Poems of Fray Luis de León*. Manchester U.P.

Wardropper, B. W. ed. *Spanish Poetry of the Golden Age*. Appleton-Century-Crofts.

(h) *Applied Linguistics in Spanish*

No textbooks prescribed; necessary materials are provided by the School.

REFERENCE BOOKS

The following bibliographies include only general works that will help students in their preliminary reading. More detailed bibliographies are provided during the courses.

(a) *the Golden Age theatre*

(b) *the nineteenth-century Spanish novel*

(c) *Gauchesque literature*

(d) *contemporary Spanish-American fiction*

} As for 65.002 Spanish IIz
(a)-(d)

(e) *chronicles of the discovery and conquest of Mexico*

Haring, C. H. *The Spanish Empire in America*. Harcourt, Brace & World.

Kirkpatrick, F. A. *The Spanish Conquistadores*. Black.

(f) *the romance*

Menéndez Pidal, R. *Romancero hispánico*. Espasa-Calpe.

(g) *sixteenth-century Spanish poetry*

Alonso, D. *Poesía española*. Gredos.

Rodríguez-Moñino, A. *Construcción crítica y realidad histórica en la poesía española de los siglos XVI y XVII*. Castalia.

(h) *applied linguistics in Spanish*

Cárdenas, D. N. *Applied Linguistics: Spanish*. Heath.

Lado, R. *Linguistics Across Cultures*. Michigan U.P.

Lado, R. *Language Teaching. A Scientific Approach*. McGraw-Hill.

Marckwardt, A. H. ed. *Linguistics in School Programs*. Chicago U.P.

Poltzner, R. L. & Staubach, C. N. *Teaching Spanish. A Linguistic Orientation*. Blaisdell.

65.123 Spanish IIIA (Honours)

SESSIONS 1 AND 2

1. Language

An intensive study of the Spanish language.

TEXTBOOKS

As for 65.113 Spanish IIIA.

2. *Literature and Thought*

TEXTBOOKS

As for 65.113 Spanish IIIA.

The honours component is an introduction to Brazilian studies consisting of an intensive study of the Portuguese language. Students are obliged to take in their final year a course in Brazilian literature.

TEXTBOOKS

1. *Language*

Willis, R. C. *An Essential Course in Modern Portuguese*. Harrap.

2. *Civilization and Society*

Freyre, G. *Casa-grande e senzala*. Livros do Brasil, Lisbon.

65.133 Spanish IIIB

As for 65.113 Spanish IIIA. Students enrolled in both Spanish IIIA and Spanish IIIB must study all eight topics.

65.143 Spanish IIIB (Honours)

1. *Language*

As for 65.123 Spanish IIIA (Honours).

2. *Literature*

As for 65.113 Spanish IIIA. A student enrolled in both Spanish IIIA (Honours) and IIIB (Honours) must study all eight literary topics.

The honours component is a course on 20th century Spanish and Spanish-American poetry.

TEXTBOOKS

Brotherston, G. *Spanish American Modernista Poets*. Pergamon.

Further material is provided by the School.

REFERENCE BOOK

Bousoño, C. *Teoría de la expresión poética*. Gredos.

65.114 Spanish IV (Honours)

SESSIONS 1 AND 2

1. *Language*

Advanced study of the Spanish language; intensive study of Brazilian Portuguese.

2. *Literature and Thought*

(i) Three special subjects in Spanish and Spanish-American studies.

(a) *linguistics and literary style*

No textbooks are prescribed. Material for study is provided by the School.

REFERENCE BOOKS

Fowler, R. ed. *Essays on Style and Language*. Routledge.

Freeman, D. C. ed. *Linguistics and Literary Style*. Holt, Rinehart & Winston.

Hough, G. G. *Style and Stylistics*. Routledge.

Spencer, J. W. *Linguistics and Style*. O.U.P.

Spitzer, L. *Linguistics and Literary History*. Russell & Russell.

Ullmann, S. *Language and Style*. Blackwell.

(b) *seventeenth-century Spanish poetry and poetics*

TEXTBOOKS

Jones, R. O. *Poems of Góngora*. C.U.P.

Price, R. M. *An Anthology of Quevedo's Poetry*. Manchester U.P.

Wilson, E. M. *The "Solitudes" of Don Luis de Góngora*. C.U.P.

REFERENCE BOOKS

Alonso, D. *Estudios y ensayos gongorinos*. Gredos.

Alonso, D. *Poesía española*. Gredos.

Blecua, J. M. ed. *Francisco de Quevedo: Obra poética*. 4 vols. Castalia.

Crosby, J. O. *En torno a la poesía de Quevedo*. Castalia.

Gracián, B. *Agudeza y arte de ingenio*. Austral.

Jammes, R. *Etudes sur l'oeuvre poétique de don Luis de Góngora y Argote*. Férét.

Rodríguez-Moñino, A. *Construcción crítica y realidad histórica en la poesía española de los siglos XVI y XVII*. Castalia.

Rosales, L. *El sentimiento de desengaño en la poesía barroca*. Cultura Hispánica.

(c) *cultural repercussions of the discovery of America*

TEXTBOOKS

Elliott, J. H. *The Old World and the New 1492-1650*. C.U.P.

Nicolau d'Oliver, L. *Cronistas de las culturas precolumbinas*. Fondo de Cultura Económica.

REFERENCE BOOKS

Detailed bibliographies are provided during the course.

(ii) One special subject in Brazilian studies.

The Brazilian modernist novel.

Amado, Jorge. *Terras do Sem Fim*. Livraria Martins, Rio de Janeiro.

Amado, Jorge. *Mar Morto*. Livraria Martins, Rio de Janeiro.

Lins de Régio, José. *Menino de engenho*. José Olympio. Coleção Sagarana, 22, Rio de Janeiro.

Lins de Régio, José. *Fogo Morto*. José Olympio. Coleção Sagarana, 24, Rio de Janeiro.

Lins de Régio, José. *Usina*. José Olympio. Coleção Sagarana, 39, Rio de Janeiro.

Queiros, Raquel de. *O quinze*. José Olympio. Coleção Sagarana, 25, Rio de Janeiro.

Queiros, Raquel de. *As três Marias*. José Olympio. Coleção Sagarana, 41, Rio de Janeiro.

Ramos, Graciliano. *Vidas secas*. Livraria Martins, Rio de Janeiro.

Ramos, Graciliano. *Angústia*. Livraria Martins, Rio de Janeiro.

REFERENCE BOOKS

Castelo, José A. de. *Aspectos do romance brasileiro*. M.E.C., Rio de Janeiro.

Filho, A. *O romance brasileiro de 30*. Ed. Bloch, Rio de Janeiro.

Freitas, Bezerra de. *Forma e expressão no romance brasileiro*. Pongetti, Rio de Janeiro.

Montenegro, O. *O romance brasileiro*. José Olympio, Rio de Janeiro.

(iii) A short thesis in Spanish on a Spanish or Spanish-American subject.

REQUIREMENTS FOR ADMISSION

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

In addition to complying with these conditions candidates must be selected before being permitted to enrol in a course. In 1972 it will be necessary for the University to limit the number of students enrolling in all undergraduate courses.

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

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

SECTION A

GENERAL MATRICULATION AND ADMISSION REQUIREMENTS

1. A candidate may qualify for matriculation by attaining in recognised matriculation subjects at one New South Wales Higher School Certificate Examination or at one University of Sydney Matriculation Examination a level of performance determined by the Professorial Board from time to time.

2. The level of performance required to qualify for matriculation shall be:

- (a) passes in at least five recognised matriculation subjects, one of which shall be English and three of which shall be at Level 2 or higher;

and

- (b) the attainment of an aggregate of marks, as specified by the Professorial Board, in not more than five recognised matriculation subjects, such marks being co-ordinated in a manner approved by the Board.

3. The following subjects, and such other subjects as may be approved by the Professorial Board from time to time, shall be recognised matriculation subjects:—

English	Greek	Chinese
Mathematics	Latin	Japanese
Science	French	Hebrew
Agriculture	German	Dutch
Modern History	Italian	Art
Ancient History	Bahasa Indonesia	Music
Geography	Spanish	Industrial Arts
Economics	Russian	

4. A candidate who has qualified to matriculate in accordance with the provisions of Clauses 1, 2 and 3 may be admitted to a particular Faculty, course or subject provided that:—

- (a) his qualification includes a pass at the level indicated in the subject or subjects specified in Schedule A as Faculty, course or subject prerequisites;

or

- (b) the requirements regarding these particular Faculty, course or subject prerequisites, as specified in Schedule A have been met at a separate Higher School Certificate or University of Sydney Matriculation Examination.

5. Notwithstanding any of the provisions of Clauses 1 to 4, the Professorial Board may grant matriculation status to any candidate at the Higher School Certificate or University of Sydney Matriculation Examination who has reached an acceptable standard and may admit him to any Faculty, course or subject.

Note:

1. For the purposes of Clause 2(a), Mathematics and Science BOTH PASSED at first level or second level full course shall together count as three subjects.

2. For the purposes of Clause 2(b), Mathematics and Science TAKEN either singly or together at first level or second level full course shall each count as one and one-half subjects.

Schedule A

FACULTY OR COURSE	FACULTY OR COURSE PREREQUISITES
Applied Science (excl. Applied Geography and Wool and Pastoral Sciences Courses)	(a) Science at Level 2S or higher
Biological Sciences	AND
Engineering	(b) either Mathematics at Level 2F or higher
Industrial Arts Course	OR
Medicine	Mathematics at Level 2S, provided that the candidate's performance in this subject and his general level of attainment are at standards acceptable to the
Military Studies	Professorial Board.
(Engineering course and Applied Science course)	
Science	
Bachelor of Science (Education)	
Architecture	(a) Science at Level 2S or higher
Applied Geography and Wool and Pastoral Sciences Courses	AND
(Faculty of Applied Science)	(b) Mathematics at Level 2S or higher
Arts	
Social Work Degree Course	English at Level 2 or higher
Commerce	(a) Mathematics at Level 2S or higher
	AND
	(b) either English at Level 2 or higher
	OR
	English at Level 3, provided that the candidate's performance in this subject and his general level of attainment are at standards acceptable to the
	Professorial Board.
Law	Nil
Combined Jurisprudence Law	Nil
Combined Arts/Law	As for Arts
Combined Commerce/Law	As for Commerce
Military Studies	English at Level 2 or higher OR English at Level 3, provided that the candidate's performance in this subject and his general level of attainment are
(Arts course)	at standards acceptable to the Professorial Board, and provided that a candidate so qualified shall not enrol in a course of English Literature.

SUBJECT	SUBJECT PREREQUISITES
1.011—Higher Physics I 1.001—Physics I 1.041—Physics IC	As for Faculty of Science
2.001—Chemistry I 17.001—General and Human Biology 25.001—Geology I 25.111—Geoscience I	Science at Level 2S or higher
10.011—Higher Mathematics I	Mathematics at Level 2F or higher
10.001—Mathematics I	Either Mathematics at Level 2F or higher OR Mathematics at Level 2S, provided that the candidate's performance in the subject and his general level of attainment are at standards acceptable to the Professorial Board.
10.021—Mathematics IT	Mathematics at Level 2S or higher
15.102—Economics II	As for Faculty of Commerce
50.111—English I 51.111—History IA 51.121—History IB	English at Level 2 or higher
56.111—French I	French at Level 2 or higher
59.111—Russian I	Russian at Level 2 or higher
64.111—German I	German at Level 2 or higher
65.111—Spanish I	Spanish at Level 2 or higher
59.001—Russian IZ 64.001—German IZ 65.001—Spanish IZ	A foreign language, other than that in which enrolment is sought, at Level 2 or higher

SECTION B**Supplementary Provisions for Matriculation**

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

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

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

ADMISSIONS AND ENROLMENT PROCEDURE

ADMISSIONS PROCEDURE

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

Persons seeking entry to first year courses in one or more of the three Universities in the Sydney Metropolitan Area (Macquarie University, the University of New South Wales and the University of Sydney) are required to lodge a single application form with the Metropolitan Universities Admissions Centre, Third Floor, 13-15 Wentworth Avenue, Sydney (near Liverpool Street). Postal address: Box 7049, G.P.O., Sydney, 2001. Telephone: 26 6301. On the application form provision is made for applicants to indicate preferences for courses available in any of the three Universities. Students are notified individually of the result of their applications and provided with information regarding the procedures to be followed in accepting the offer of a place at this University and completing their enrolment at the Enrolment Bureau, Unisearch House, 221 Anzac Parade, Kensington.

ADMISSIONS OFFICE

The Admissions Office, which is located in the Chancellery on the upper campus, provides intending students (both local and overseas) with information regarding courses, admission requirements, scholarships and enrolment. Office hours are from 9.00 a.m. to 1.00 p.m. and 2.00 p.m. to 5.00 p.m. Monday to Friday. During the enrolment period an evening service is also provided. Applications for special admission, admission with advanced standing and from persons relying for admission on overseas qualifications should be lodged with the Admissions Office.

ENROLMENT PROCEDURE

In 1972 it will be necessary for the University to impose quotas in each Faculty and Board of Studies.

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

First Enrolments

(a) New South Wales residents already qualified for admission and persons who are applying for enrolment on the basis of qualifications gained or about to be gained outside New South Wales must lodge an application for enrolment with the Metropolitan Universities Admissions Centre, 13-15 Wentworth Avenue, Sydney (P.O. Box 7049 G.P.O., Sydney) by 29th October, 1971.

(b) New South Wales residents qualifying for admission by the 1971 New South Wales Higher School Certificate Examination or the 1972 Sydney University Matriculation Examination and those who have attended a university in New South Wales in 1971 must apply for enrolment to the Metropolitan Universities Admissions Centre, 13-15 Wentworth Avenue, Sydney (P.O. Box 7049 G.P.O., Sydney) by 21st January, 1972.

Students whose applications for enrolment are accepted will be required to complete their enrolment at a specified appointment time before the beginning of Session I. Fees must be paid on the day of the appointment. However, in special circumstances and provided class places are still available, students may be allowed to complete their enrolment after the prescribed week subject to the payment of a late fee.

Failure in First Year

First year students who failed more than half their programme at the 1971 Annual Examinations and who were not granted any deferred examinations will NOT follow the above procedure. They are required to 'show cause' why they should be allowed to continue in the course, and should await instructions in writing from the Registrar as to the procedure.

Later Year Enrolments

Preliminary re-enrolment forms will be obtainable from the Faculty of Arts Office, Room LG5, Arts/Maths Building, from 18th October, 1971. Each student must obtain his or her personal enrolment form (FORM UE3) and Form Arts/72 plus the instruction form from the Faculty Office. After notification of the annual examination results the student should set out a proposed programme for 1972 on the Arts/72 form and forward or deliver this together with the enrolment FORM UE3 completed as far as possible to the Faculty Office, Room LG5, Morven Brown Building (Arts/Maths) not later than Friday, 21st January, 1972.

Students who fail to lodge their enrolment forms before 21st January will be required to attend one of the late enrolment sessions in order to collect their authorised enrolment form.

Students should collect their re-enrolment form (UE3) from Room LG6, Morven Brown Building (Arts/Maths) in accordance with the following timetable:

Year II

Students with surnames A-F	Monday, 28th February, 2.30 p.m. to 5.00 p.m.
G-L	Tuesday, 29th February, 9.30 a.m. to 12.30 p.m.
M-R	Tuesday, 29th February, 2.30 p.m. to 5.00 p.m.
S-Z	Wednesday, 1st March, 9.30 a.m. to 12.30 p.m.

Year III and Year IV

Students with surnames A-D	Wednesday, 1st March, 2.30 p.m. to 5.00 p.m.
E-K	Thursday, 2nd March, 9.30 a.m. to 12.30 p.m.
L-R	Thursday, 2nd March, 2.30 p.m. to 5.00 p.m.
S-Z	Friday, 3rd March, 9.30 a.m. to 12.30 p.m.

New or Transfer Students with Advanced Standing and Miscellaneous Students	Friday, 3rd March, 2.30 p.m. to 5.00 p.m. and 6.00 p.m. to 7.30 p.m.
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Students who are unable to attend personally at the specified time should send a representative with a letter of authority to collect their form for them.

Students who fail to do this or fail to attend personally will be required to attend one of the late enrolment sessions (see relevant section).

Students must attend classes from the first day of each session although they have not formally completed their enrolment.

Miscellaneous Subjects (students NOT proceeding to a degree or diploma)

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

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

Students who have obtained permission to enrol should attend for enrolment at Room LG6, Morven Brown Building, on:

Friday, 3rd March	2.00 p.m. to 4.30 p.m.
	6.00 p.m. to 7.30 p.m.

Final Dates for Completion of Enrolment

No enrolments will be accepted from *new students* after the end of the second week of Session 1 (17th March, 1972) except with the express approval of the Registrar and the Head of the School concerned; no *later year enrolments* will be accepted after 31st March without the express approval of the Registrar, which will be given in exceptional circumstances only.

Enquiries Concerning Course Regulations

Students requiring assistance should consult the Faculty of Arts Office, Tel.: 663-0351, extn. 2248, Room LG5, Morven Brown Building.

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 above the student's name 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 at the University Union Enquiry Desk as soon as practicable after payment of fees. In the meantime, fees receipt form should be carried during attendance at the University and shown on request. A period of at least three weeks should be allowed to elapse after payment of fees before making application for the card. Cards will not be posted under any circumstances.

UNDERGRADUATE COURSE FEES

FEES

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

Fees for Arts Courses

- (i) Pass—\$115 per annum per subject or \$57.50 per session per subject.
- (ii) Honours—an additional \$39 per annum per subject in which honours is taken in student's second and third years and \$154 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.

Miscellaneous Subjects

- (i) Pass—\$115 per annum per subject or \$57.50 per session per subject.
- (ii) Where the honours section only of an Arts subject is taken the fee payable is \$39 per annum per subject. Where a full subject at the honours level is taken or where a Course IV subject is taken, the fee payable is \$154 per annum per subject.

Other Fees

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

- (i) Matriculation Fee—\$9—payable at the beginning of first year.
- (ii) Library Fee—annual fee—\$16.
- (iii) University Union—\$20—entrance fee.
- (iv) Student Activities Fees.
 - University Union*—\$30—annual subscription.
 - Sports Association*—\$4—annual subscription.
 - Students' Union*—\$6—annual subscription.
 - Miscellaneous—\$17—annual fee.

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

- (v) Diploma or Graduation Fee—\$9—payable at the completion of the course.
- (vi) Deferred examination—\$7 for each subject.
- (vii) Examinations conducted under Special Circumstances—\$9—for each subject.
- (viii) Review of Examination Result—\$9—for each subject.
- (ix) Chemistry Kit Hiring Charge—\$4 per kit.
Additional charge for breakages and losses in excess of \$1 may be required.
- (x) Excursion Fee—\$2 per subject (plant morphology, plant taxonomy, environmental botany).
—Geography IA: \$4.00
—Geography IIA: \$20.00

Late Fees

Session 1—First Enrolments

Fees paid on the late enrolment session and before the commencement of Session 1	\$8
Fees paid during the 1st and 2nd weeks of Session 1	\$16
Fees paid after the commencement of the 3rd week of Session I with the express approval of the Registrar and Head of School concerned	\$33

Session 1—Re-Enrolments

Failure to attend enrolment centre during enrolment week	\$8
Fees paid after the commencement of the 3rd week of Session 1 to 31st March	\$16
Fees paid after 31st March where accepted with the express approval of the Registrar	\$33

Session 2—All Enrolments

Fees paid in 3rd and 4th weeks of Session 2	\$16
Fees paid thereafter	\$33
Late lodgment of corrected enrolment details forms (late applications will be accepted for three weeks only after the prescribed dates)	\$7

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 Session 1 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 session has elapsed, one-half of the session's course fees may be refunded. Where a student terminates a course of study after half a session has elapsed, no refund may be made in respect of that session's fees.

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

On notice of withdrawal a partial refund of the University Union Entrance Fee is made on the following basis: any person who has paid the entrance fee in any year and who withdraws from membership of the University Union after the commencement of Session 1 in the same year, or who does not renew his membership in the immediately succeeding year may, on written application to the Warden, receive a refund of half the entrance fee paid.

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

University Union—\$7.50 in respect of each half-session.

University of New South Wales Students' Union—where notice is given prior to the end of the fifth week of Session 1, \$3, 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, \$8.50, thereafter no refund.

PAYMENT OF FEES

Completion of Enrolment

All students are required to attend the appropriate enrolment centre during the prescribed enrolment period* for authorization of course programme. Failure to do so will incur a late fee of \$8.

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

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

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 during the first two weeks of Session 1. (For late fees, see above.) No student is regarded as having completed an enrolment until fees have been paid. *Fees will not be accepted (i.e., enrolment cannot be completed) from new students after the end of the second week of Session 1 (i.e., 17th March, 1972), and after 31st March, from students who are re-enrolling, except with the express approval of the Registrar, which will be given in exceptional circumstances only.*

Payment of Fees by Session

Students who are unable to pay their fees by the year may pay by the session, in which case they are required to pay the first session's course fees and other fees for the year, within the first two weeks of Session 1. Students paying under this arrangement will receive accounts from the University for Session 2 fees. These fees must be paid within the first two weeks of Session 2.

Assisted Students

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

Extension of Time

Any student who is unable to pay fees by the due date may apply in writing to the Registrar for an extension of time. Such application must give year or stage, whether full-time or part-time and the course in which the applicant wishes to enrol, state clearly and fully the reasons why payment cannot be made and the extension sought, and must be lodged before the date on which a late fee becomes payable. Normally the maximum extension of time for the payment of fees is until 31st March for fees due in Session 1 and for one month from the date on which a late fee becomes payable in Session 2.

Where an extension of time is granted to a first year student in Session 1, such student may only attend classes on the written authority of the Registrar, but such authority will not normally be given in relation to any course where enrolments are restricted.

Failure to Pay Fees

Any student who is indebted to the University and who fails to make a satisfactory settlement of his indebtedness upon receipt of due notice ceases to be entitled to membership and privileges of the University. Such a student is not permitted to register for a further session, 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 Session 2 (18th August, 1972).

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.

Cashier's Hours

The cashier's office is open for the payment of fees from 9.30 a.m. to 1.00 p.m., and from 2.00 p.m. to 4.30 p.m. Monday to Friday. It is open for additional periods during the first three weeks of each session.

RULES RELATING TO STUDENTS

GENERAL CONDUCT

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

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

ATTENDANCE AT CLASSES

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

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

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

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

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

which is acceptable to the Professorial Board, for not immediately repeating the failed subject.

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

INDEBTEDNESS TO THE UNIVERSITY

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 session, to attend classes or examinations, or to be granted any official credentials.

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

CHANGES IN COURSE PROGRAMMES AND WITHDRAWAL FROM SUBJECTS

Students seeking approval to substitute one subject for another, add one or more subjects to their programme or discontinue part of their programme must make application to the Head of the School responsible or the Dean of the Faculty. Forms are available at the Faculty office.

Any addition or substitution of subjects after 31st March will be accepted only with the express approval of the Registrar on the recommendation of the appropriate Head of School, and will be given in exceptional circumstances only. In the case of students wishing to terminate their enrolment the application must be lodged at the Examinations and Student Records Section.

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 is emphasized that:

- (1) Withdrawal from a subject, tuition in which extends over the academic year, at any time after the May recess;
- (2) withdrawal from a subject, tuition in which extends over only one session, at any time after one month from the commencement of the subject; or

(3) failure to sit for the examinations in any subject in which the student has enrolled.
shall be regarded as failure to satisfy the examiners in the subject, unless written approval to withdraw without failure has been obtained from the Registrar.

RESTRICTION UPON STUDENTS RE-ENROLLING IN UNIVERSITY COURSES

The University Council has adopted the following rules governing re-enrolment with the object of requiring students with a record of failure to show cause why they should be allowed to re-enrol and retain valuable class places. These rules apply retrospectively from 1st January, 1971.

1. (i) A student shall show cause why he should be allowed to repeat a subject in which he has failed more than once. (Failure in a deferred examination as well as in the annual examination counts, for the purpose of this regulation, as one failure.) Where such subject is prescribed as a part of of the student's course he shall be required to show cause why he should be allowed to continue the course.

Notwithstanding the provisions of Clause 1 (i)

- (ii) A student enrolled in the first year or first stage of any course, other than the Medical course, who has failed in more than half the programme in which he is enrolled for that year or stage shall be required to show cause why he should be allowed to continue in the course.
 - (iii) A student enrolled in the first year of the Medical course who has failed in more than one subject of that year shall be required to show cause why he should be allowed to continue in the Medical course.
 - (iv) The provisions of sections (ii) and (iii) of this rule shall be deemed to apply to any student on transfer from another course or institution whose programme of studies in the first year of enrolment immediately following transfer is comprised of subjects so chosen that half or more of such subjects are listed in the University Calendar as first year subjects.
2. Notwithstanding the provisions of Clause 1, a student shall be required to show cause why he should be allowed to continue a course which he will not be able to complete in the time set down in the following schedule:

<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

3. No full-time student shall, without showing cause, be permitted to continue a course unless all subjects of the first year of his course are completed by the end of his second year of attendance. **No student in the Faculty of Arts** shall, without showing cause, be permitted to continue a course unless he completes four subjects by the end of his second year of attendance.

No full-time student in the Bachelor of Social Work course shall without showing cause be permitted to continue with the course unless he completes the equivalent of four full subjects by the end of his second year of attendance.

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

No student in the Faculty of Medicine shall, without showing cause, be permitted to continue with the medical course unless he completes the second year of the course by the end of his third year of attendance, and the third year of the course by the end of his fourth year of attendance.

4. A student who has a record of failure in a course at another University shall be required to show cause why he should be admitted to this University. A student admitted to a course at this University following a record of failure at another University shall be required to show cause, notwithstanding any other provisions in these rules, why he should be permitted to continue in that course if he is unsuccessful in the annual examinations in his first year of attendance at this University.
5. Any student excluded under any of the Clauses 1-3 may apply for re-admission after two academic years and such application shall be considered in the light of any evidence submitted by him.

6. A student wishing "to show cause" under these provisions shall do so in writing to the Registrar. Any such application shall be considered by a committee, hereinafter referred to as the Re-enrolment Committee, appointed by the Professorial Board, which shall determine whether the cause shown is adequate to justify his being permitted to continue his course or re-enrol, as the case may be.
7. The Vice-Chancellor may on the recommendation of the Re-enrolment Committee exclude from attendance in a course or courses any student who has been excluded from attendance in any other course under the rules governing re-enrolment and whose record at the University demonstrates, in the opinion of the Re-enrolment Committee and the Vice-Chancellor, the student's lack of fitness to pursue the course nominated.
8. A student who has failed, under the provisions of Clause 6 of these rules, to show cause acceptable to the Re-enrolment Committee why he should be permitted to continue in his course, and who has subsequently been permitted to re-enrol in that course or to transfer to another course, shall also be required to show cause, notwithstanding any other provisions in these rules, why he should be permitted to continue in that course if he is unsuccessful in the annual examinations immediately following the first year of resumption or transfer of enrolment as the case may be.
9. Any student who is excluded from attendance in any course or subject under the provisions of these rules may appeal to an Appeal Committee constituted by Council for this purpose. The decision of the Appeal Committee shall be final.
10. The notification to any student of a decision by the Re-enrolment Committee to exclude the student from attendance in any course or subject shall indicate that the student may appeal against the decision to an Appeal Committee. In lodging such application the student shall ensure that a complete statement is furnished of all grounds on which the application is based and shall indicate whether or not the student wishes to appear in person before the Appeal Committee.

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

- (i) whether there are grounds which justify the Committee seeing the student in person, or
- (ii) whether there is sufficient information available to the Committee to allow decision without seeing the student in person and so proceed to determine the application accordingly.

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. Late applications cannot be considered where, in the opinion of the University, insufficient time will be available for the student to prepare himself for any qualifying examinations which may be required.

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

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

PARKING WITHIN THE UNIVERSITY GROUNDS

Because of the limited amount of parking space available, only the following categories of students may apply for a permit: higher degree students (limited issue, annual fee \$7.80); postgraduate, and senior undergraduate students who have completed three years of a full-time or part-time course. Permit will allow access to campus between 5 p.m. and 11 p.m. on weekdays and during library hours on Saturdays, Sundays and public holidays (annual fee \$3.90).

Applications should be made to the Property Section. It should be noted that increasing demand for parking space may require the imposition of further restrictions.

APPLICATION OF RULES

General

Any student who requires information on the application of these rules or any service which the University offers, may make enquiries from the Admissions Office, the Student Counselling Unit or the Registrar.

Appeals

Section 5(c) of Chapter III of the By-laws provides that "Any person affected by a decision of any member of the Professorial Board (other than the Vice-Chancellor) in respect of breach of discipline or misconduct may appeal to the Vice-Chancellor, and in the case of disciplinary action by the Vice-Chancellor, whether on appeal or otherwise, to the Council".

STUDENT SERVICES

LIBRARY SERVICES

The University Library is located on the Upper Campus adjacent to the Chancellery, the Commerce Building and the Arts Building.

The Library's Undergraduate Collection covers the teaching and research interests of the Faculty, and students are expected to read widely and critically from it.

It is recommended that students attend the *Introduction to the Library* which is held at advertised times during Orientation Week and the first week of Session 1. The *Introduction* uses audio-visual aids to describe the physical layout of the Undergraduate Library and the services available to readers.

Copies of the booklet *Guide to the Library* are available on request.

Students who are interested in the subject approach to information may attend a course which outlines methods of searching for information in libraries. This course runs for eight hours over a period of one week.

Individual assistance for readers with specific library problems is provided by the Reader Assistance Unit which is located in the foyer.

Staff and students must use a machine readable identification card to borrow from the main University Library. Personal identification is required in the other libraries listed. For students a current union card is acceptable. Staff must apply to the Library for a library card.

THE UNIVERSITY UNION

Warden—A. T. Cuningham, ED, BEc Syd.

The University Union, housed in the circular building and joined by a courtyard to an adjacent rectangular building, is located near the entrance to the Kensington campus from Anzac Parade. The third building in the Union complex was completed in 1971. Membership of the Union is compulsory for all registered students of the University and is also open to all members of staff and graduates of the University.

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

STUDENT COUNSELLING AND RESEARCH UNIT

The Student Counselling and Research Unit offers a free, confidential counselling service to help students, individually or in groups, to deal with problems, and to make plans and decisions associated with their personal, academic, and vocational progress.

Interviews and group programmes are available between 9 a.m. and 8 p.m. each week-day. Appointments may be made at the Unit, which is located at the foot of Basser Steps, or by ringing 663-0351, extensions 2600-2605 between 9 a.m. and 5 p.m.

FINANCIAL ASSISTANCE TO STUDENTS

The Students' Union and the University have co-operated to provide assistance to students who are in financial difficulties which are considered likely to prejudice their progress with their studies.

In all cases assistance is limited to students with reasonable academic records and whose financial circumstances warrant loans. Students granted assistance of either kind are required to give an undertaking to repay the loan under the conditions agreed upon.

Applications may be made personally to the Deputy Registrar (Student Services).

UNIVERSITY CO-OPERATIVE BOOKSHOP LTD.

Membership is open to all students, on payment of a fee of \$5, refundable when membership is terminated. Members receive an annual rebate on purchases of books.

UNDERGRADUATE SCHOLARSHIPS

Students undertaking courses in the Faculty of Arts are eligible to apply for the following scholarships.

Except where otherwise specified, applications on the forms obtainable from the Admissions Office (phone: 663-0351, ext. 2485) must be lodged with the Registrar, the University of New South Wales, P.O. Box 1, Kensington, within seven days of the publication of the award of Commonwealth University Scholarships. A separate application must be lodged for each category of scholarship.

University Scholarships

The University annually awards up to fifteen scholarships tenable in degree courses to students who have matriculated at the Higher School Certificate Examination; ten scholarships to students who have completed certificate courses (Department of Technical Education); ten scholarships to students who have completed Trade Courses (Department of Technical Education); and ten scholarships to part-time students who have taken the Diploma Entrance course of the Department of Technical Education. The scholarships exempt the holder from payment of course fees during the currency of the scholarship. Scholarships will be awarded in order of merit on Higher School Certificate Examination results. They may be held only by persons who do not hold another award and whose parents are permanent residents of Australia.

Commonwealth Scholarships

Students enrolling in first degree courses are eligible. Benefits include payment of all tuition fees and other compulsory fees, and living allowances (the latter being subject to a means test). Full particulars and application forms may be obtained from the Department of Education and Science, La Salle Building, 70 Castlereagh Street, Sydney, or Box 3987, G.P.O., Sydney, 2001. Phone number: 2-0323.

Teachers' College Scholarships

Full particulars and application forms may be obtained from the Officer-in-charge, Teacher Training Division, N.S.W. Department of Education, Blackfriars Street, Chippendale, 2008. Phone number: 211-4566.

Bursaries

A number of Bursaries tenable at the University are awarded to candidates of merit at the Higher School Certificate Examination whose family income falls within certain limits prescribed by the Bursary Endowment Board. Applications should be made to the Secretary, Bursary Endowment Board, P.O. Box R42, Royal Exchange, N.S.W. 2000.

The Fell Scholarship (University Residential Colleges)

The Fell Scholarship is available to any undergraduate who is or will be in residence at one of the Colleges under the administration of Kensington Colleges Ltd. during the year of the award. The annual value of the Scholarship is \$100. It may be held concurrently with Commonwealth and other scholarships.

In awarding the scholarship the academic merit and financial need of the applicant will be taken into consideration.

Applications must be made on the appropriate form and lodged with the Master, Kensington Colleges Ltd., Box 24, P.O., Kensington 2033 (telephone 663-0651).

The Olivetti Australia Pty. Ltd. Scholarship

Olivetti Australia Pty. Ltd. offers annually a \$500 scholarship to a student enrolled in the third year of an honours degree course in arts or science. The scholarship may be held together with a Commonwealth Scholarship.

An award shall be made in one of the fields of Mathematics (including Numerical Analysis) or Statistics, with preference being given to Statistics.

Applications shall be lodged on the prescribed forms with the Registrar within seven days of the notification of second year examination results of the University.

STUDENT ACTIVITIES

The Arts Faculty Society

The Arts Faculty Society is primarily concerned with fostering a closer and more intimate relationship between students and staff of the Faculty as well as pursuing a greater involvement of students in its functioning and operation.

Social occasions have included several successful balls and staff-student cocktail parties. A regular newsletter and handouts relating to immediate society activities are produced.

Membership of the society is automatic on enrolment in the Faculty and it is hoped that students will take advantage of the benefits it provides. This can be done by participation and interest in society activities.

Associated clubs and societies within the faculty should note that financial and advisory support will be gladly given upon request.

Anyone desiring further information should write to Box 38, The Union.

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

Dramsoc is one of the oldest and most widely respected of the University Societies. We hope to have a most comprehensive programme of plays, play-readings, and revues. We wish to encourage many active new members. For further information on Dramsoc, write c/o Box 69, University Union.

Historical Society

The Historical Society was formed to assist students of History to develop an interest in the subject outside their formal studies.

In pursuit of this objective the Society presents guest speakers, holds film showings, and holds cocktail parties, and arranges other functions. It is hoped, in 1972, to expand the programme to include as wide a variety of activities as possible to cater for the interests of as many students as possible.

All students and staff in the School of History are members of the Historical Society, and with the payment of a small activities fee qualify to attend social functions either at a reduced price or no charge at all.

Please address all enquiries to the School of History, or to: The Secretary, UNSW Historical Society, School of History, The University of New South Wales, P.O. Box 1, Kensington, N.S.W., 2033.

Regular meetings of the Historical Society are held in the History Seminar Room (350) in the Arts/Maths Building every Tuesday at 1 p.m. All students are welcome to attend.

The Politics Club

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

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

The French Society

The French Society aims mainly to be the focal point for students of French. There are no prescribed limits to its activities which are generally cultural, social or political, and its membership is open to anyone, student or non-student, who is interested.

The Society is particularly oriented to developing informal relations between students and staff. At present an excellent liaison exists permitting close co-operation on course structures and related areas as well as on less formal aspects of French studies. At regular meetings, frank discussion has helped establish in the School a friendly and informal atmosphere.

Social and cultural activities are wide in range, including dinners (especially Bastille Day), wine and cheese soirées, films, discussions and theatre parties. This year a residential weekend is planned for early in Session 1, where French language and ideas will be put into action. All new students are encouraged to attend.

The Society meets regularly one day a week, during the lunch break. (Meetings are nearly always conducted in English.) Pre-term enquiries should be addressed to the French Society through the School of French.

Socratic Society

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

The Society has no views, except that discussion is a good thing: its members have a diversity of views and find that its seminars and meetings provide an excellent opportunity to express them.

Membership of the Society is not in any way limited to one School or Faculty and the matters discussed cover a very wide field. The Society organises regular public meetings, private meetings and seminars. It also publishes a magazine, *Cogito*. The first number enjoyed a considerable critical success; copies however, are still available at the School of Philosophy (price: 25 cents).

Private meetings and seminars are open to members only (annual subscription: 50c). Seminars have been held on a wide variety of topics, including the origin of society, religious belief, sexual morality and existentialism. At private meetings, papers have been read on such diverse topics as philosophy of science, the state of the Catholic Church in Australia and the Student Power movement.

Public meetings are open to all members of the University. One very successful meeting consisted of a round table discussion on the right of students to criticise the University. Participants included the Vice-Chancellor, a Member of Parliament, the editor of *Tharunka* and various academics. Public meetings have also been held on Marxism, euthanasia, and the difference between St. Augustine and D. H. Lawrence.

Further information may be obtained from the School of Philosophy.

The Julian Society

Concerned to provide the opportunity for interesting discussions on all types of literature, the Julian Society, the literary society of the University, meets fortnightly, currently, on Thursday nights. With a predominantly student membership, the society engages in informal meetings, generally taking the form of a short paper followed by discussion. Wine and supper are provided at each meeting. Topics for papers are by no means confined to topics on the English syllabus. Topics ranging from *Rhythm and Random Number Poetry*, through *Peter Weiss—Author of Marat-Sade*, to *Bob Dylan—Poet* have been discussed. Members of staff and such distinguished speakers as Dr. Clement Semmler, critic Harry Kippax and novelists Thea Astley and Margaret Dick have given papers.

All those interested are urged to come along. Further information may be obtained from Professor H. Heseltine (School of English), ext. 2247.

The German Society

The German Society idealistically aims to provide media at which students of German (and others) can meet each other and so be able to exchange views on their subject/s, teachers, weather and sometimes Germany and its achievements—cultural and other.

The Society tries to achieve this through film nights, informal meetings, term dinners, or other means which students may wish to suggest.

Further details may be obtained from the Secretary of the School of German.

Scientia

Scientia is the Society of the School of History and Philosophy of Science. Its aims are to develop interest in history and philosophy of science, both in general and as an academic discipline, to further the unification of the sciences and the humanities, and to provide an opportunity for informal meetings of staff and students. Activities centre on a programme of lectures by visiting speakers and seminars at which members' papers are read and discussed. In 1972 the Society hopes to publish the second issue of its journal, first produced last year.

In addition, parties are held several times a year and films of interest to members are screened. Wine and cheese are served.

Membership is open to all members of the University and is free to students enrolled in courses in the School of History and Philosophy of Science.

The Geographical Society

It is hoped that students taking geography as a subject will participate in the activities organized by the Geographical Society. The Society is relatively new and is therefore open to new ideas and to people who are concerned with fostering an interest in the subject. Lectures and informal discussion groups are organized so that students can have the opportunity of listening to experts in the various fields of geography.

Social activities have always been an important part of the Society and they have provided more than adequate opportunities for students to get to know each other and for students and staff to improve communications.

The Psychology Society

The Psychology Society aims to provide activities both educational and social for students of psychology, and, more generally, to act as an intermediary body between students and staff. While psychology is one of the most popular subjects available to Arts students, many students have only a vague conception of psychology and are unsure exactly where their courses will lead them.

One of the aims of the Psychology Society is to provide information relevant to these matters. Last year two highly successful careers seminars were held, in which speakers from various areas of psychological practice discussed, to the accompaniment of wine and cheese, requirements and opportunities in these areas.

The Society aims to rescue students from the impersonal, voiceless ranks of anonymity in a school which is so large that any meaningful degree of personal contact between students of different years and students and staff is difficult to achieve. It attempts to provide opportunities for such contact, to foster staff-student relations, acting in the interest of psychology students as a whole. Accordingly activities include such items as regular parties, staff-student luncheons, theatre parties, and an annual horse-riding weekend in the Blue Mountains. On the educational side there are weekly film showings and occasional talks and seminars (e.g. on careers, course requirements, etc.). An activities fee of 50 cents allows free entry to the films and substantial reductions in the costs of other activities.

The Society is situated in Hut 201, Western Campus (immediately behind the Parade Theatre). All students interested in joining the committee, or simply in becoming members, are urged to contact members at the Hut, or to phone Roger Lowe (349-3157) or Reg Davis (389-1753).

FACULTY INFORMATION

The Schools of the Faculty of Arts offer undergraduate courses to Honours level in the fields of Drama, Economic History, Economics, English, French, Geography, German, History, History and Philosophy of Science, Mathematics, Philosophy, Political Science, Psychology, Russian, Sociology, Spanish and Latin American Studies, and Statistics.

The undergraduate courses offered lead to the degree of Bachelor of Arts (BA) at either Pass or Honours level.

Students seeking information about the combined Arts/Law degree should consult the Faculty of Law Handbook or apply to the Faculty of Law office.

The graduate courses offered for qualified students lead to the degree of Master of Arts (MA) (pass or honours), or Doctor of Philosophy (PhD). In addition, the Faculty may recommend the award of the degree of Doctor of Letters (DLitt) for an original contribution of distinguished merit to Letters. Not all Schools are offering the MA degree at Pass and Honours level. Prospective post-graduate students should seek further information from the Head of the School concerned.

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

THE DEGREE OF BACHELOR OF ARTS

Courses qualifying for this degree are available in the University of New South Wales at Kensington for **full-time day students only**. The University College at Wollongong, however, offers a restricted range of qualifying courses which are available to both full-time and part-time students and reference should be made to the handbook of the College for further information about these courses.

For a student who wishes to study one or more of German, Spanish or Russian at university level, but who has not taken the particular language or languages to matriculation level, **special first and second year university courses** are available. These special courses are

designated IZ first year course and IIZ (second year course) and the completion of Courses IZ and IIZ of the particular subject together with such vacation reading and study as may be prescribed, will qualify a student to proceed, if he so desires, to the normal Course III of that subject.

PSYCHOLOGY SUBJECTS IN THE FACULTY OF ARTS

Prospective and current students in the Faculty of Arts are advised of new provisions for progression in Psychology subjects in the Bachelor of Arts degree course which came into effect in 1970.

The existing rules relating to Honours courses in Psychology are unchanged, but new provisions govern admission to two different Psychology II subjects and to a new Psychology III (Pass) subject.

Pass degree candidates taking Psychology II will have an opportunity to follow an Advanced Psychology II (Pass) course if their performance in Psychology I has qualified them for admission to it. To qualify to admission to the Advanced Psychology II course, students must reach a *clearly* satisfactory level in Psychology I, as a whole, and *also* in those parts of it which are relevant to advanced studies, especially the statistics, methodology, and practical class work. *Completion of the advanced second year course is a prerequisite for admission to the Psychology III Pass course.*

Alternatively, students who do not qualify for the Advanced course, and students who, notwithstanding their qualifying, do **not** wish to enrol in the Advanced course but nevertheless wish to complete two years of Psychology may enrol in the normal Psychology II (Pass) course. All such students should note that this latter course does **not** carry eligibility for subsequent admission to Psychology III, no matter how well they do in it.

See **Descriptions of Subjects** section for information about each second and third year Psychology subject and a table summarising forms of progression from grades of passes in Psychology I subjects.

PROGRAMMES FOR THE DEGREE OF BACHELOR OF ARTS

One of four different programmes may be followed by a student studying for the degree. The first is the programme for the Pass Degree which consists of nine qualifying courses studied in particular sequences over a period of three years. The second is the programme for the General Honours Degree which is designed to enable a Pass Degree student with special merit to proceed to a fourth year of study. The third is the programme in Special Studies, which is designed to

enable a student to undertake, over a period of four years, specialized study in one subject, although a certain number of courses of subsidiary subjects must also be taken. The fourth is the programme in Combined Special Studies which is designed to enable a student to undertake, over a period of four years, specialized study in two subjects together with courses of one or two subsidiary subjects. These four programmes are explained in detail in the following pages.

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

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

- Section A — Rules 1 to 11, which are applicable to all candidates for the degree and to the four programmes of study.
- Section B — Rules 12 and 13, which apply specifically to the programme leading to the Pass degree.
- Section C — Rules 14 to 19, which apply specifically to the programme leading to the General Honours degree.
- Section D — Rules 20 to 26, which apply specifically to the Special Studies programme.
- Section E — Rules 27 to 34, which apply specifically to the Combined Special Studies programme.
- Section F — Rules 35 to 37, which relate to the recognition of courses completed outside the Faculty of Arts.
- Section G — Rules 38 and 39, which are Saving Clauses.
- Schedule A — which sets out the subjects available for study, the qualifying courses of each subject, and other information. See page A18.
- Schedule B — which sets out approved sequences of courses in Mathematics and Theory of Statistics.

These Rules apply to candidates who enrolled for the first time in the Faculty after 1st January, 1967. Candidates who were enrolled in the Faculty prior to 1st January, 1967, are required to comply with the old Rules, copies of which may be obtained in Room LG5 in the Morven Brown Building.

RULES GOVERNING THE AWARD OF THE DEGREE OF BACHELOR OF ARTS

SECTION A

Rules Applicable to all Candidates and to all Programmes of Study

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

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

3. A person on whom the Pass Degree of Bachelor of Arts has been conferred shall not be admitted to candidature for the Honours Degree of Bachelor of Arts.

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

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

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

- 6. (a) A candidate shall pursue his studies as a full-time day student and, during his first year of study, shall enrol in at least three of the courses listed in Schedule A.
- (b) A candidate may not enrol in more than four courses in any one year.

- (c) A candidate may not enrol in Course II of a subject until he has completed Course I of that subject.
- (d) A candidate may not enrol in Course IIZ of a subject until he has completed Course IZ of that subject.
- (e) A candidate may not enrol in Course IIIA of a subject until he has completed Course II or Course IIZ of that subject.
- (f) A candidate may not enrol in Course IIIB of a subject until he has completed Course II or Course IIZ of that subject and has the approval of the Head of the School concerned.
- (g) A candidate may not enrol in Course IV of a subject until he has completed the appropriate Course IIIA or IIIB (or both) of that subject and has the approval of the Head of the School concerned.

7. (a) *Prerequisite Courses*

A candidate may not enrol in any course listed in the left-hand column below unless he has completed the corresponding course listed as a prerequisite in the right-hand column:

<i>Course</i>	<i>Prerequisite Course</i>
Applied Mathematics II (either level)	Higher Mathematics I <i>or</i> Mathematics I
Economic History III	Economics I
Industrial Relations I	Economics I <i>or</i> Economic History I
Physics II	Higher Mathematics I <i>or</i> Mathematics I
Psychology IIIA (12.013)	Psychology II (Advanced, 12.012) <i>or</i> Psychology II (Honours, 12.032)
Pure Mathematics II (either level)	Higher Mathematics I <i>or</i> Mathematics I

Theory of Statistics II (either level)	Higher Mathematics I
	<i>or</i>
	Mathematics I
	<i>or</i>
	Mathematics IT with a pass at Credit level or better

(b) *Co-requisite Courses*

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

<i>Course</i>	<i>Co-requisite Course</i>
Applied Mathematics II (either level)	Pure Mathematics II (either level)
Theory of Statistics III (either level)	Pure Mathematics III
	<i>or</i> Mathematics III (either level)

8. (a) Course I or Course IZ of a subject, when completed, shall count as one qualifying course towards the degree.
- (b) Course I of a subject followed by Course II of that subject, or Course IZ of a subject followed by Course IIZ of that subject, shall be two consecutive courses of that subject. When both courses have been completed, they shall count as two qualifying courses towards the degree and shall be an approved sequence of two courses.
- (c) Course I of a subject followed by Course II of that subject followed by Course IIIA or IIIB of that subject, or Course IZ of a subject followed by Course IIZ of that subject followed by Course IIIA or IIIB of that subject, shall be three consecutive courses of that subject. When the three courses have been completed, they shall count as three qualifying courses towards the degree and shall be an approved sequence of three courses.
- (d) Course I of a subject followed by Course II of that subject followed by Courses IIIA and IIIB of that subject, or Course IZ of a subject followed by Course IIZ of that subject, followed by Courses IIIA and IIIB of that subject, shall be a special major sequence of four courses of that subject. When the four courses have been completed, they

shall count as four qualifying courses towards the degree and shall be an approved special major sequence of four courses.

9. The following courses shall be regarded as consecutive courses of a subject and, when completed, shall count as two or three, as the case may be, qualifying courses towards the degree and shall be regarded as an approved sequence of two or three, as the case may be, courses:

<i>First course in sequence</i>	<i>Second course in sequence</i>	<i>Third course in sequence</i>
(a) Higher Mathematics I <i>or</i> Mathematics I <i>or</i> Mathematics IT with a pass at Credit level or better	Theory of Statistics II	—
(b) Theory of Statistics II	Theory of Statistics III	—
(c) Higher Mathematics I <i>or</i> Mathematics I	Theory of Statistics II	Theory of Statistics III
(d) Economics I <i>or</i> Economic History I	Industrial Relations I	Industrial Relations II

10. A course may not be counted more than once for the purpose of forming an approved sequence of courses.

11. A candidate who wishes to study Mathematics or Theory of Statistics beyond the Course I level shall follow one of the approved sequences set out in Schedule B or consult the School of Mathematics concerning alternatives.

SECTION B

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

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

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

They shall consist of:

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

OR

- (b) an approved sequence of three courses of each of two subjects, an approved sequence of two courses of one other subject and Course I of one other subject.

OR

- (c) an approved sequence of three courses of each of two subjects and Course I of each of three other subjects;

OR

- (d) an approved special major sequence of four courses of one subject, an approved sequence of two courses of each of two other subjects and Course I of one other subject;

OR

- (e) an approved special major sequence of four courses of one subject, an approved sequence of three courses of one other subject and an approved sequence of two courses of one other subject;

OR

- (f) an approved special major sequence of four courses of one subject, an approved sequence of three courses of one other subject and Course I of each of two other subjects.

SECTION C

Rules Relating to the Programme for the Degree of Bachelor of Arts—General Honours Degree

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

15. (a) Nine of the eleven courses shall be completed in such a way as to fulfil the requirements for the Pass degree in accordance with Clauses 12 and 13. If the student has obtained a pass at Credit level or better in at least five of the nine courses by which he qualified for the Pass degree, he may apply to Faculty for formal recognition as a candidate for Honours.

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

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

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

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

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

SECTION D

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

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

21. A student seeking recognition as a candidate for Honours shall choose one subject from Schedule A as his subject for Special Studies.

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

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

- (a) Course I (or Course IZ) of the subject for Special Studies shall be completed in the first year of study; Course II (or Course IIZ) shall be completed in the second year of study; Courses IIIA and IIIB shall be completed in the third year of study; and Course IV shall be completed in the fourth year of study. Candidates shall complete Courses II (or IIZ), IIIA and IIIB in both Pass and Honours syllabuses.
- (b) In addition, a candidate, by the end of his second year of study, shall have completed four subsidiary courses which shall be required to include an approved sequence of two courses.
- (c) Subject to these Rules, the Head of the School of the subject for Special Studies may prescribe the subjects of which the four subsidiary courses shall be completed as required by sub-Clause (b) of this Clause.

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

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

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

SECTION E

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

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

28. A student seeking recognition as a candidate for Honours shall choose as his subjects for Combined Special Studies two from Schedule A provided that the combination of subjects so chosen is approved by the Heads of the Schools concerned.

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

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

- (a) Course I (or Course IZ) of each of the subjects for Combined Special Studies shall be completed in the first year of study; Course II (or Course IIZ) of each of these subjects shall be completed in the second year of study; Course IIIA (or, in any special case, Course IIIB) of each of these subjects shall be completed in the third year of study; and a special Course IV relating to these two subjects and comprising studies jointly prescribed by the Heads of the Schools concerned shall be completed in the fourth year of study. Candidates shall complete Courses II (or IIZ) and IIIA (or IIIB) in both Pass and Honours syllabuses.
- (b) In addition, a candidate, by the end of his second year of study, shall be required to have completed two subsidiary courses of subjects chosen from Schedule A.
- (c) Subject to these Rules, the Heads of the Schools of the subjects for Combined Special Studies may prescribe the courses specified in sub-Clause (b) of this Clause.

31. Where a Course IIIB of one of the subjects for Combined Special Studies involves a Pass as well as an Honours component, that Course may, with the approval of the Head of the School

concerned, be substituted for a Course IIIA in satisfying the relevant requirement of sub-Clause (a) of Clause 30.

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

33. In special circumstances a candidate for the Honours degree who does not fulfil the requirements of Clauses 27 to 32 or who seeks to withdraw from the Combined Special Studies programme may be considered by Faculty for the award of the Pass Degree of Bachelor of Arts provided that he has completed at least eight courses in the Combined Special Studies programme (including the Course III of each of the subjects for Combined Special Studies) and has obtained a pass at Credit level or better in at least two of them beyond the first year level.

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

SECTION F

Rules Relating to the Recognition of Courses Completed Outside the Faculty of Arts

35. Subject to the provisions of Clause 37,

- (a) A graduate or undergraduate in another Faculty of this University may be granted advanced standing in a programme in the Faculty of Arts with credit for not more than four of the courses listed in Schedule A which have already been completed in the other Faculty. Where credit is granted, under these provisions, for courses forming a major sequence of three, the candidate shall be required to complete, *inter alia*, an approved sequence of three courses or an approved special major sequence of four courses in the Faculty before becoming eligible for the award of the degree.
- (b) A candidate who, before enrolment in the Faculty, has completed a course or courses at another University may, at the discretion of Faculty, be granted credit towards the degree of Bachelor of Arts for not more than four such courses, provided that credit shall not be granted for Course III of a subject.

36. Subject to the provisions of Clause 37, a candidate in attendance at the University of New South Wales may, in special circumstances, be permitted by Faculty to complete concurrently at another University not more than three courses and to count such courses as partially fulfilling the requirements for the Degree, provided that permission shall not be granted to count courses which are taken externally at the other University or which are available in the University of New South Wales.

37. An applicant seeking to take advantage of any of the provisions of Clauses 35 or 36 shall first submit in writing to Faculty a statement setting out a list of the courses for which he seeks credit or which he wishes to complete at the other University, and a list of the remaining courses that he proposes to complete within the Faculty in order to qualify for the degree. Faculty shall then determine the course or courses, if any, for which credit is to be granted or the course or courses which the applicant may complete at the other University and count towards the degree, and shall also determine the remainder of the applicant's programme within the Faculty.

SECTION G

Saving Clauses

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

39. For any student who was enrolled as a candidate in the Faculty before 1st January, 1967, Faculty may, in exceptional circumstances, determine a programme in accordance with these Rules to be followed after 1st January, 1967, in order that the student may satisfy the requirements for the degree.

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

ANNUAL EXAMINATIONS

Most annual examinations take place in November-December, although some are held in the mid-year recess. Timetables showing time and place at which individual examinations will be held are posted on the central notice boards in the Bio-Medical Building, Central Lecture Theatre Block, Chancellery, Dalton Building, Main Building and Western Grounds Area. *Misreading of the timetable is not an acceptable excuse for failure to attend an examination.* Examination results are posted to the term address of students. *No result will be given by telephone.*

Examination results may be reviewed for a fee of \$8 a subject, which is refundable in the event of an error being discovered. Applications for review must be submitted on the appropriate form, together with the necessary fee by the date indicated on the notification of results.

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

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

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

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

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

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

All students will receive an enrolment details form by 30th August. It is not necessary to return this form, unless any information recorded there is incorrect. Amended forms must be returned to the Examinations Branch by 15th September. Amendments notified after the closing date will not be accepted unless exceptional circumstances exist and approval is obtained from the Registrar. Where a late amendment is accepted, a late fee of \$6.00 will be payable. Amended forms returned to the Registrar will be acknowledged in writing within fourteen days.

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

- (a) Candidates are required to obey any instruction given by an examination supervisor for the proper conduct of the examination.
- (b) Candidates are required to be in their places in the examination room not less than ten minutes before the time for commencement.
- (c) No bag, writing paper, blotting paper, manuscript or book, other than a specified aid, is to be brought into the examination room.
- (d) No candidate shall be admitted to an examination after thirty minutes from the time of commencement of the examination.
- (e) No candidate shall be permitted to leave the examination room before the expiry of thirty minutes from the time the examination commences.
- (f) No candidate shall be re-admitted to the examination room after he has left it unless during the full period of his absence he has been under approved supervision.
- (g) A candidate shall not by any improper means obtain, or endeavour to obtain, assistance in his work, give, or endeavour to give, assistance to any other candidate, or commit any breach of good order.
- (h) Smoking is not permitted during the course of examination.
- (i) A candidate who commits any infringement of the rules governing examinations is liable to disqualification at the particular examination, to immediate expulsion from the examination room, and to such further penalty as may be determined in accordance with the By-laws.

Deferred Examinations

Deferred examinations may be granted in the following cases:--

- (i) When a student through illness or some other acceptable circumstance has been prevented from taking the annual examination or has been placed at a serious disadvantage during the annual examinations.
Applications for deferred examinations in the first category must be lodged with the Registrar with appropriate evidence of the circumstances (e.g., medical certificate) not later than seven days after the examination concerned.
All such applications shall be reported to the Head of the School responsible for the subject. Before a deferred examination is granted on medical grounds, regard shall be paid to the students' class and assignment work in the subject, to his general performance in the year, and to the significance of the annual examination in compiling the composite mark.
- (ii) To help resolve a doubt as to whether a student has reached the required standing in a subject.
- (iii) To allow a student by further study to reach the required standard in a subject. The granting of a deferred examination in such cases will be based on the general quality of the student's performance.
- (iv) Where a student's standing at the annual examinations is such that his progression or graduation could depend on his failure in one subject only, then his position in that subject shall be again reviewed with a view to determining whether a deferred examination may be granted notwithstanding his failure otherwise to qualify for such concession.

Deferred examinations must be taken at the centre in which the student is enrolled, unless he has been sent on compulsory industrial training to remote country centres or interstate. An application to take an examination away from the centre in which enrolled must be lodged with the Registrar immediately examination results are received. Normally, the student will be directed to the nearest University for the conduct of the deferred examination.

A student eligible to sit for a deferred examination must lodge with the Accountant an application accompanied by the fee of \$6 per subject, by the date indicated on the notification of results.

Except on medical or compassionate grounds, no deferred examination may be granted in the Arts degree course in the subjects offered by the Schools of Drama, Economics, English, French, History, Philosophy, Russian and Sociology.

FACULTY OF ARTS TIMETABLE 1972

This timetable is subject to alteration. Students must consult the notice-boards early in 1972 for changes, and for room locations. If a subject is not listed, students should consult the school.

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials/Practicals</i>
15.401	Business Statistics	M 11-12 or M 7-8, W 11-12 or W 7-8	If times are not stated, these will be arranged during the first week of lectures
57.211	Drama I	M 11-12, T 3-4, W 12-1	
57.212	Drama II	W 10-11, Th 10-11	
57.213	Drama III	T 11-12, W 11-12, F 10-11	
15.331	Economic History I	T 11-12 or T 6-7, W 9-10 or W 6-7	
15.332	Economic History II	M 3-4 or M 6-7, Th 3-4 or Th 5-6	
15.101	Economics I (a)	M 3-4 or M 6-7, Th 2-3 or Th 6-7, F 12-1 or F 6-7	
	Economics I (b)	M 12-1 or M 6-7, Th 11-12 or Th 6-7	
15.151	Economics IT	M 3-4 or M 6-7, Th 2-3 or Th 6-7, F 12-1 or F 6-7	
15.102	Economics II	T 10-11 or T 6-7, W 10-11 or W 6-7	
15.133	Economics III (plus options)	Th 3-4 or Th 6-7	
50.111	English I	W 11-12, Th 11-12, F 11-12	
50.121	English IT	W 2-3, Th 2-3, F 2-3	
50.112	English II	W 3-4, Th 3-4, F 3-4	
50.122	English II (Honours)	W 12-1, F 11-12	
50.113	English IIIA	W 12-1, Th 12-1, F 12-1	

50.123	English IIIA (Honours)	T 2-4, W 2-4, F 9-10
50.143	English IIIB (Honours)	T 2-4, W 2-4, F 9-10
50.114	English IV (Honours)	T 2-4, Th 2-4, F 2-4
56.111	French I	T 4-5, W 11-12
56.112	French II (plus elective)	T 4-5, W 4-5, F 4-5 T 2-3 (Session 2)
56.113	French IIIA (plus elective)	M 3-4 (Session 1), W 4-5
17.001	General & Human Biology	M 12-1, T 11-12, W 11-12 <i>or</i> M 3-4, T 3-4, Th 2-3 <i>or</i> T 10-11, W 9-10, F 12-1 <i>or</i> W 6-7, Th 6-8
17.002	Biology II	W 5-6, F 12-1, F 5-6 (Session 1) Elective (Session 2)
27.041	Geography IA	W 5-6, Th 4-5
27.042	Geography IIA	W 9-10, Th 5-6
27.043	Geography IIIA:	
	Location Theory	M 12-1, T 2-3 (Session 1)
	Agric. Geography	M 12-1, T 2-3 (Session 2)
	Geomorphology	W 4-5, Th 10-11 (Session 1)
	Urban & Trans.	T 4-5, Th 9-10 (Session 1)
	Marketing	T 4-5, Th 9-10 (Session 2)
	Pedology	W 4-5, Th 10-11 (Session 2)
27.063	Geography IIIB	T 3-4, W 4-5

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials/Practicals</i>
25.001	Geoscience I	Group A: M & Th 3-4.30 Group B: M 7-8.30, T 8-9.30	
25.002	Geoscience II	T 3-5, Th 5-6, F 11-1, F 2-5	
64.001	German IZ	M 2—First meeting only	
64.111 64.002	German I } German IIZ }	M 1—First meeting only	
64.112	German II	M 3—First meeting only	
64.113	German IIIA	M 3—First meeting only	
51.111	History IA	M 3-4, W 2-3	
51.121	History IB	M 3-4, Th 12-1	
51.112	History IIA	T 10-11, F 2-3	
51.132	History IIB	M 11-12, Th 11-12	
51.113	History IIIA	T 10-11, F 11-12	
51.133	History IIIB	T 12-1, Th 11-12	
62.111	History & Philosophy of Science I	M 9-10, T 9-10, F 9-10	
62.112	History & Philosophy of Science II	M 2-3, T 2-3, Th 2-3	
62.113	History & Philosophy of Science IIIA	M 2-3, Th 2-3, F 2-3	
15.502	Industrial Relations I	T 2-3 <i>or</i> T 6-7 (Students must not make any commitments for the following hour)	

10.001	Mathematics 1*	M 12-1, M 10-11, T 12-1, W 12-1, Th 2-3, Th 10-11, F 11-12, F 9-10, F 10-11	
10.021	Mathematics IT*	M 10-11, T 12-1, Th 10-11, F 10-11	
10.111A	Pure Mathematics IIA*	T 9-10, Th 9-10, Th 11-12	
10.111B	Pure Mathematics IIB*	M 11-12, W 10-11, Th 9-10, Th 11-12	
10.111C	Pure Mathematics IIC*	M 11-12, T 4-5, Th 2-3	
10.112A	Pure Mathematics IIIA*	M 12-1, F 11-12	
10.112B	Pure Mathematics IIIB*	F 3-5	
10.112C	Pure Mathematics IIIC	Th 3-5	
10.112D	Pure Mathematics IIID*	Th 10-11, F 9-10	
10.112E	Pure Mathematics IIIE	M 2-3, W 11-12	
10.211A	Applied Mathematics IIA*	T 10-11, W 9-10, <i>or</i> T 12-1, F 10-11	
10.211B	Applied Mathematics IIB*	M 10-11, F 2-3	
10.211C	Applied Mathematics IIC	T 2-4	
10.212A	Applied Mathematics IIIA*	T 12-1, W 9-10	
10.212B	Applied Mathematics IIIB	T 3-5	
10.212C	Applied Mathematics IIIC	T 4-5, W 10-11	
10.212D	Applied Mathematics IIID*	M 9-10, T 12-1	
52.111	Philosophy I	T 11-12, W 3-4, Th 3-4	F 11-12 <i>or</i> F 12-1 <i>or</i> F 2-3 <i>or</i> F 3-4

**Available also in the evening*

	<i>Subject</i>	<i>Lectures</i>	<i>Tutorials/Practicals</i>
52.112 <i>and</i>	Philosophy II	M 12-1, Th 9-10 (Session 1) <i>or</i> M 11-12, Th 10-11 (Session 1) <i>or</i> M 9-10, W 12-1 (Session 1)	
52.113	Philosophy III	T 11-12, F 10-11 (Session 2) <i>or</i> M 10-11, Th 10-11 (Session 2) <i>or</i> M 12-1, Th 11-12 (Session 2)	
54.111	Political Science I*	W 4-5, Th 4-5, F 12-1	
54.112	Political Science II	M 4-5, T 12-1, W 2-3, F 12-1	
54.113	Political Science IIIA	M 12-1, M 2-3, T 9-10, T 11-12, W 2-3, Th 2-3, M 4-5, T 2-3	
12.001	Psychology I	M 10-11, T 4-5, Th 10-11 <i>or</i> M 7-8, M 8-9, T 6-7	2 hours practical to be arranged
12.022	Psychology II Child Development Differences and Measurement	M 3-4, T 3-4 (Session 1) M 3-4, T 3-4 (Session 2)	W 2-4 <i>or</i> Th 11-1 W 2-4 <i>or</i> Th 11-1
12.012 <i>and</i>	Psychology II (Advanced)		
12.032	Psychology II (Honours)		
	12.152 Research Method II together with	M 2-3 <i>or</i> Th 12-1 <i>or</i> M 6-7 T 2-3 <i>or</i> F 12-1 <i>or</i> W 6-7	[T 11-12 <i>or</i> T 4-5 <i>or</i> W 3-4 <i>or</i> [F 2-3 <i>or</i> M 8-9 <i>or</i> W 8-9

**Available also in the evening*

12.032 Psychology II (Honours) *continued*

12.253 Learning II M 12-1, T 12-1 } (Session 1)
or T 6-7, Th 6-7 }

or

*Prac. M 10-12 or T 9-11 or W 11-1 or
Th 9-11 or F 10-12 or F 7-9*

*Tue. M 3-4 or T 3-4 or W 2-3 or
Th 2-3 or F 3-4 or T 8-9*

12.303 Personality II Same times as for Learning II
(12.253) above (Session 2)

Students are to take two of the following at any time of the year, either Session 1 or Session 2. Additional one hour tutorial may be arranged for each subject.

12.352	Psychometrics II	M 4-5, Th 3-4	(Session 1)
		T 7-8, Th 7-8	(Session 2)

12.412	Physiological Psychology II	T 5-6, W 4-5	(Session 1)
		M 7-8, W 7-8	(Session 2)

12.452	Human Information Processing II	M 3-4, Th 11-12 (Session 1)
		Th 8-9, F 6-7 (Session 2)

12.502 Social Psychology II M 7-8, W 7-8 (Session 1)
M 4-5, Th 3-4 (Session 2)

12.552	Developmental Psychology II	T 7-8, Th 7-8	(Session 1)
		M 3-4, F 9-10	(Session 2)

<i>Subject</i>	<i>Lectures</i>	<i>Tutorials/Practicals</i>
12.032 Psychology II (Honours) <i>continued</i>		
12.602 Abnormal Psychology II	Th 8-9, F 6-7 (Session 1) M 9-10, Th 11-12 (Session 2)	
12.013 Psychology IIIA	} To be arranged by School of Psychology	
12.033 Psychology IIIA (Honours)		
12.034 Psychology IIIB (Honours)		
Russian	Consult School of Russian	
53.111 Sociology I	M 12-1, T 12-1	
53.121 Sociology IT	M 1-2, T 1-2	
53.112 Sociology II	T 11-12	
53.113 Sociology III	W 10-11	
65.001 Spanish IZ	M 10-11, W 10-11, Th 10-11, F10-11	
65.111 Spanish I	} M 10-11, W 10-11, F 10-11, F 9-10	
and		
65.022 Spanish IIZ (H)		
65.002 Spanish IIZ	M 10-11, W 11-12 <i>or</i> M 11-12, W 12-1 <i>or</i> T 12-1, Th 9-10, F 10-11	
65.112 Spanish II	} M 2-3, T 10-11, Th 10-11, F 2-3	
and		
65.122 Spanish II (H)		
and		
65.113 Spanish III		

N O T E S

STUDENT'S TIMETABLE

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9-10					
10-11					
11-12					
12-1					
1-2					
2-3					
3-4					
4-5					
5-6					
6-7					
7-8					
8-9					

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