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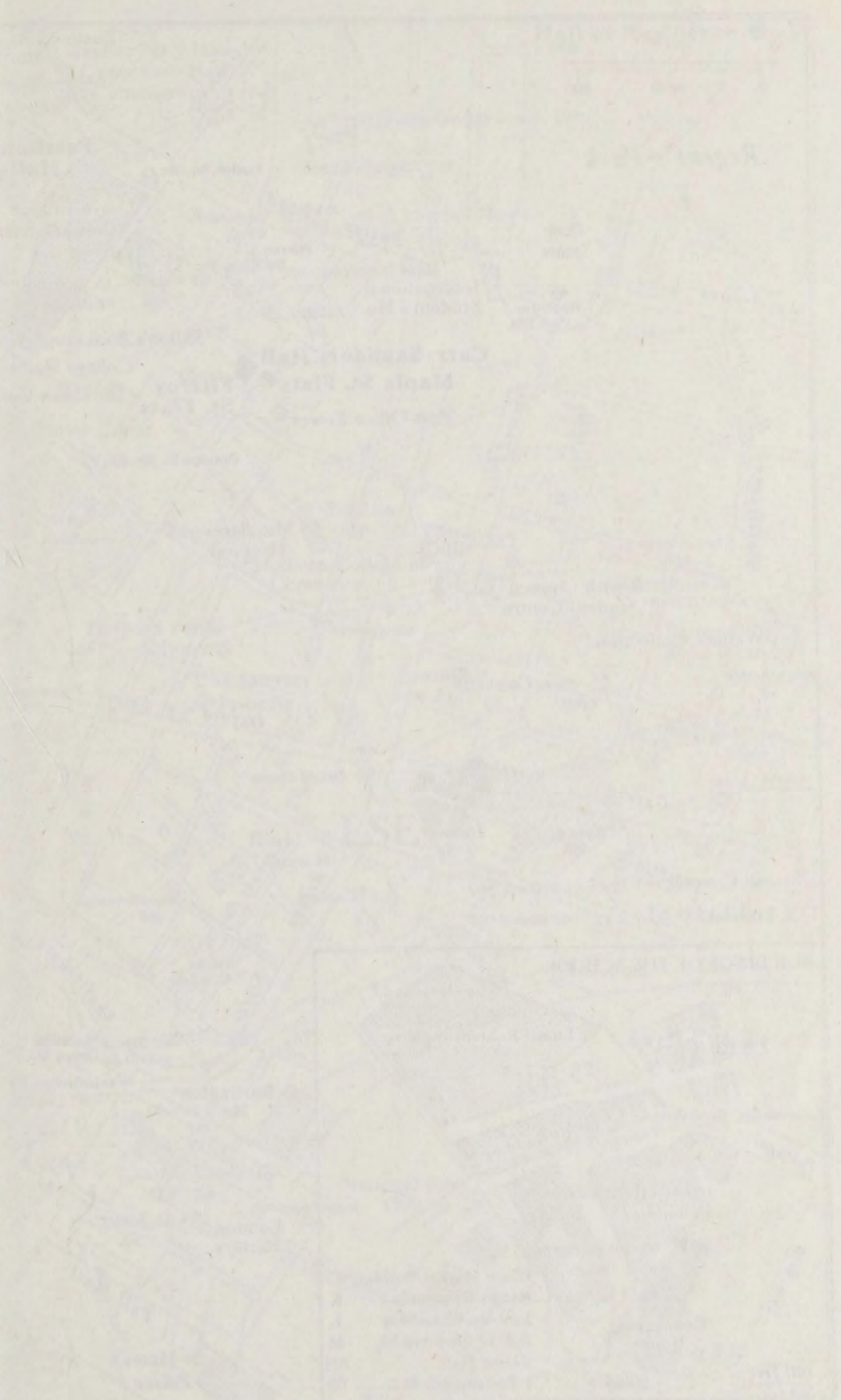
The London School of Economics and Political Science

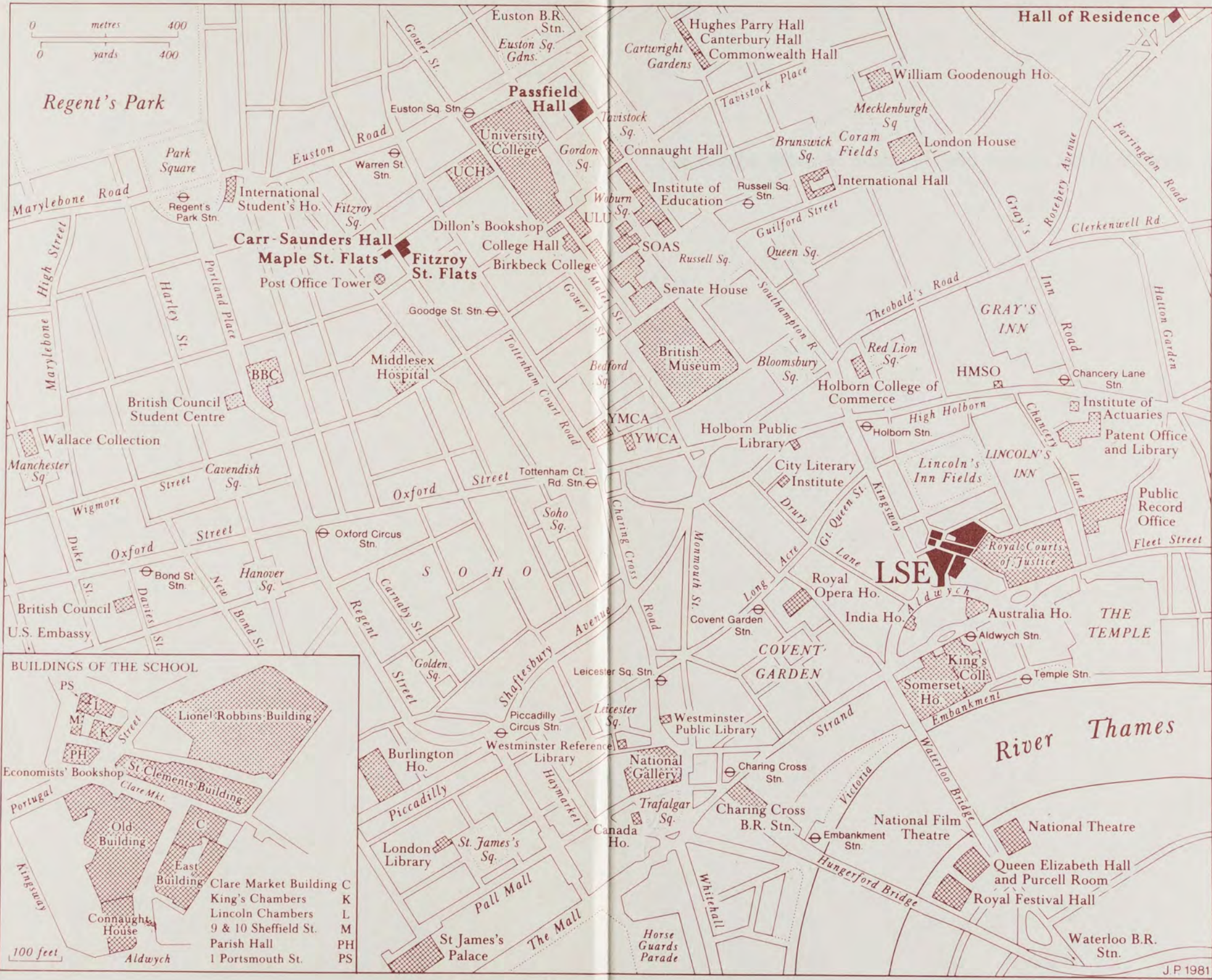


Calendar 1984-85

LSE / UNREGISTERED

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The London School of Economics and Political Science *Calendar 1984-85*

The London School of Economics and Political Science
A School of the University of London

Calendar 1984-85

The London School of Economics and Political Science is a member of the University of London.

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A School of the University of London

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A School of the University of London

Calendar 1984-85

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Part I: General Information

Postal Address: Houghton Street, London, WC2A 2AE

Telephone Number: 01-405 7686

Telegrams: Poleconics, London, W.C.2.

Telex: 24655 BLPES G

Opening Times of the School

The School buildings are normally open as follows:

In term: Mondays to Fridays - 9.30 a.m. to 9.30 p.m.
 Saturdays - 9.30 a.m. to 1.00 p.m.

In vacation: Mondays to Fridays - 9.30 a.m. to 6.00 p.m.

Office Hours for Enquiries:

Registry (Room H310) *Examinations Office* (Room H301) and *Timetabling Office* (Room H301)

Monday, Tuesday, Thursday, Friday: 10.30 a.m. to 12.30 p.m.
 2.00 p.m. to 4.30 p.m.
 Wednesday: 10.30 a.m. to 12.30 p.m.

Undergraduate Admissions Office (Room H310)

Monday to Friday: 2.00 p.m. to 4.30 p.m.

Graduate School Office (Room H203)

Monday, Tuesday, Thursday, Friday: 10.30 a.m. to 12.30 p.m.
 2.00 p.m. to 4.30 p.m.
 Wednesday: 10.30 a.m. to 12.30 p.m.

Graduate Admissions Office (Room H205)

Monday to Friday: 2.00 p.m. to 4.30 p.m.

Official Publications:

Calendar of the School, obtainable from The Economists' Bookshop, Mail Order Department, Clare Market, Portugal Street, London WC2A 2AB. Please send a cheque/money order for £8.50 or \$14.00 (subject to exchange rate fluctuations) inclusive of postage and packing in advance. (The Calendar on microfiche is available in many university libraries.)

Annual Report by the Director on the Work of the School

Handbook of Undergraduate Courses

The Graduate School

General Course Registration (Junior Year Abroad)

Diplomas in the Social Sciences

One-Year Taught Master's Degrees

Opportunities for Research Students

Subject leaflets

Accounting and Finance

Anthropology

Economic History

Economics

Geography*

Government

Industrial Relations

International History

International Relations

Language Studies
 Law
 Philosophy, Logic and Scientific Method
 Social Psychology
 Social Science and Administration
 Sociology
 Statistical and Mathematical Sciences*

Diploma in Management of Information Systems
 Graduate Programme in Business Studies
 M.Sc. in Sea-Use Law, Economics and Policy Making
 Pre-law Semester
 Population Studies at LSE
 Regional and Urban Planning Studies
 Social Planning in Developing Countries
 Trade Union Studies

*in preparation

Dates of Terms

Session 1984-85

Michaelmas Term: Thursday, 4 October 1984 to Friday, 14 December 1984

(Teaching begins Monday, 8 October 1984)

Lent Term: Monday, 14 January 1985 to Friday, 22 March 1985

Summer Term: Monday, 29 April 1985 to Friday, 5 July 1985

Session 1985-86

Michaelmas Term: Thursday, 3 October 1985 to Friday, 13 December 1985

(Teaching begins Monday, 7 October 1985)

Lent Term: Monday, 13 January 1986 to Friday, 21 March 1986

Summer Term: Monday, 28 April 1986 to Friday, 4 July 1986

Calendar 1984-85

(University functions in Italics)

September 1984

1 S
2 S
3 M
4 T Investments Committee, 5 p.m.
5 W
6 Th
7 F
8 S
9 S
10 M
11 T
12 W
13 Th
14 F
15 S
16 S
17 M
18 T
19 W
20 Th
21 F
22 S
23 S
24 M
25 T
26 W
27 Th
28 F
29 S
30 S

October 1984

1 M
2 T
3 W <i>University Michaelmas Term begins</i>
4 Th School Michaelmas Term begins
5 F
6 S
7 S
8 M
9 T Standing Committee, 5.15 p.m.
10 W Standing Sub-Committee of the Appointments Committee, 2 p.m. <i>Board of Studies in Economics, 2.30 p.m.</i>
11 Th Director's Reception for Academic Staff, 8 p.m.
12 F
13 S
14 S
15 M LSE/AUT Joint Negotiating and Consultative Committee, 5 p.m.
16 T Publications Committee, 11 a.m. Academic Studies Sub-Committee, 2 p.m.
17 W General Purpose Committees, 2 p.m. Graduate School Committee, 4.30 p.m.
18 Th
19 F
20 S
21 S
22 M Meeting of Professors of Economics, 2 p.m. Building Committee, 5.30 p.m.
23 T Admissions Committee, 10 a.m. Director's Reception for Academic Staff, 8 p.m.
24 W Appointments Committee, 2 p.m. Research Committee, 4.30 p.m.
25 Th Athletics Committee, 4 p.m.
26 F
27 S
28 S
29 M
30 T
31 W Academic Policy Committee, 2 p.m. Library Committee, 4.30 p.m.

November 1984

1	Th	Committee on Administrative and Library Staffs, 10 a.m. Director's Reception for Academic Staff, 8 p.m.
2	F	
3	S	
4	S	
5	M	
6	F	Standing Committee, 5.15 p.m.
7	W	Standing Sub-Committee of the Appointments Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
8	Th	External Relations Committee, 5 p.m.
9	F	Committee on the Welfare of Overseas Students, 2 p.m.
10	S	
11	S	
12	M	Meeting of the Professors of Economics, 2 p.m. Student Health Service Committee, 4.15 p.m.
13	T	Academic Studies Sub-Committee, 2 p.m. Committee on Undergraduate Studies, 5 p.m.
14	W	Academic Board, 2 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m.
15	Th	
16	F	
17	S	
18	S	
19	M	Staff Research Fund Committee, 2 p.m.
20	T	Joint Meeting of Standing Committee and Student Governors, 5.15 p.m.
21	W	Student Support Committee, 11 a.m. Conference Grants Sub-Committee, 12 noon. Appointments Committee, 2 p.m.
22	Th	
23	F	Inter-Halls Committee, 2 p.m.
24	S	
25	S	
26	M	Catering Services Advisory Committee, 3 p.m.
27	T	Admissions Committee, 10 a.m.
28	W	General Purposes Committee, 2 p.m. Academic Policy Committee, 4.30 p.m.
29	Th	Committee on Accommodation, 2 p.m.
30	F	Safety Committee, 2 p.m.

December 1984

1	S	
2	S	
3	M	Meeting of Professors of Economics, 2 p.m. Building Committee, 5.30 p.m.
4	T	Standing Committee, 5.15 p.m.
5	W	Graduate School Committee, 4.30 p.m.
6	Th	
7	F	
8	S	
9	S	
10	M	Committee on Administrative and Library Staffs, 10 a.m. LSE/AUT Joint Negotiating and Consultative Committee, 5 p.m.
11	T	Publications Committee, 11 a.m. Academic Studies Sub-Committee, 2 p.m. Committee on Undergraduate Studies, 5 p.m. School Carol Service, 5.30 p.m.
12	W	<i>University Michaelmas Term ends</i> Academic Board, 2 p.m. Research Committee, 4.30 p.m.
13	Th	Court of Governors, 5 p.m.
14	F	School Michaelmas Term ends
15	S	
16	S	
17	M	
18	T	
19	W	
20	Th	
21	F	School Buildings close for Christmas holiday, 9.30 p.m.
22	S	
23	S	
24	M	
24	T	Christmas Day
26	W	Public Holiday
27	Th	
28	F	
29	S	
30	S	
31	M	

January 1985

1	T	Public Holiday
2	W	School buildings re-open, 9.30 a.m.
3	Th	
4	F	
5	S	
6	S	
7	M	
8	T	
9	W	<i>University Lent Term begins</i>
10	Th	
11	F	
12	S	
13	S	
14	M	School Lent Term begins
15	T	Academic Studies Sub-Committee, 2 p.m. Committee on Undergraduate Studies, 5 p.m. Standing Committee, 5.15 p.m.
16	W	Standing Sub-Committee of the Appointments Committee, 2 p.m.
17	Th	Graduate School Committee, 4.30 p.m.
18	F	
19	S	
20	S	
21	M	Meeting of the Professors of Economics, 2 p.m. Student Health Service Committee, 4.15 p.m.
22	T	
23	W	<i>Presentation Day.</i> Conference Grants Sub-Committee, 12 noon. General Purposes Committee, 2 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. Academic Policy Committee, 4.30 p.m.
24	Th	
25	F	
26	S	
27	S	
28	M	
29	T	Investments Committee, 5 p.m.
30	W	Appointments Committee, 2 p.m. Library Committee, 4.30 p.m. Research Committee, 4.30 p.m.
31	Th	Committee on Administrative and Library Staffs, 2 p.m. Athletics Committee, 4 p.m.

February 1985

1	F	
2	S	
3	S	
4	M	
5	T	Admission Committee, 10 a.m. Standing Committee, 5.15 p.m.
6	W	Standing Sub-Committee of the Appointments Committee, 2 p.m.
7	Th	External Relations Committee, 5 p.m.
8	F	
9	S	
10	S	
11	M	LSE/AUT Joint Negotiating and Consultative Committee, 5 p.m.
12	T	Committee on Undergraduate Studies, 5 p.m.
13	W	Student Support Committee, 11 a.m. Academic Board, 2 p.m.
14	Th	
15	F	Sub-Committee on Student Numbers, 10 a.m. Committee on the Welfare of Overseas Students, 2 p.m.
16	S	
17	S	
18	M	Meeting of the Professors of Economics, 2 p.m.
19	T	Academic Studies Sub-Committee, 2 p.m.
20	W	Standing Sub-Committee of the Appointments Committee, (all day) Graduate School Committee, 4.30 p.m.
21	Th	Committee on Accommodation, 2 p.m.
22	F	Standing Sub-Committee of the Appointments Committee, 9.30 a.m.
23	S	
24	S	
25	M	Staff Research Fund Committee, 2 p.m.
26	T	Publications Committee, 11 a.m. Joint Meeting of the Standing Committee and Student Governors, 5.15 p.m.
27	W	Appointments Committee, 2 p.m.
28	Th	

1 F	Safety Committee, 2 p.m.
2 S	
3 S	
4 M	Catering Services Advisory Committee, 3 p.m.
5 T	Standing Committee, 5.15 p.m.
6 W	General Purposes Committee, 2 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. Academic Policy Committee, 4.30 p.m.
7 Th	
8 F	
9 S	
10 S	
11 M	Building Committee, 5.30 p.m.
12 T	Committee on Undergraduate Studies, 5 p.m.
13 W	<i>Presentation Day</i> . Conference Grants Sub-Committee, 12 noon. Inter-Halls Committee, 2 p.m.
14 Th	Athletics Committee, 4 p.m.
15 F	
16 S	
17 S	
18 M	Meeting of the Professors of Economics, 2 p.m. LSE/AUT Joint Negotiating and Consultative Committee, 5 p.m.
19 T	Admissions Committee, 10 a.m. Academic Studies Sub-Committee, 2 p.m.
20 W	<i>University Lent Term ends</i> Academic Board, 2 p.m. Research Committee, 4.30 p.m.
21 Th	Committee on Administrative and Library Staffs, 2 p.m.
22 F	School Lent Term ends
23 S	
24 S	
25 M	
26 T	
27 W	
28 Th	Court of Governors, 5 p.m.
29 F	
30 S	
31 S	

1 M	
2 T	
3 W	School buildings close for Easter holiday, 9.30 p.m.
4 Th	
5 F	
6 S	
7 S	Easter Sunday
8 M	
9 T	
10 W	
11 Th	School buildings re-open, 9.30 a.m.
12 F	
13 S	
14 S	
15 M	
16 T	
17 W	
18 Th	
19 F	
20 S	
21 S	
22 M	
23 T	
24 W	<i>University Summer Term begins</i>
25 Th	
26 F	
27 S	
28 S	
29 M	School Summer Term begins
30 T	Academic Studies Sub-Committee, 2 p.m.

1	W	General Purposes Committee, 2 p.m. <i>Board of Studies on Economics</i> , 2.30 p.m.
2	Th	
3	F	
4	S	
5	S	
6	M	May Day Public Holiday
7	T	Standing Committee, 5.15 p.m. Graduand's Reception, 6.30 p.m.
8	W	<i>Presentation Day</i> Standing Sub-Committee of the Appointments Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
9	Th	
10	F	Committee on the Welfare of Overseas Students, 2 p.m.
11	S	
12	S	
13	M	Staff Research Fund Committee, 2 p.m. LSE/AUT Joint Negotiating and Consultative Committee, 5 p.m.
14	T	Admissions Committee, 10 a.m. Committee on Administrative and Library Staffs, 2 p.m. Committee on Undergraduate Studies, 5 p.m.
15	W	Student Support Committee, 11 a.m. Academic Policy Committee, 2 p.m.
16	Th	Athletics Committee, 4 p.m.
17	F	Inter-Halls Committee, 11.30 a.m.
18	S	
19	S	
20	M	Meeting of the Professors of Economics, 2 p.m. Student Health Service Committee, 4.15 p.m.
21	T	Joint Meeting of Standing Committee and Student Governors, 5.15 p.m.
22	W	Appointments Committee, 2 p.m. Research Committee, 4.30 p.m.
23	Th	
24	F	
25	S	
26	S	
27	M	Spring Bank Holiday
28	T	Academic Studies Sub-Committee, 2 p.m.
29	W	Academic Board, 2 p.m. Library Committee, 4.30 p.m.
30	Th	
31	F	

1	S	
2	S	
3	M	
4	T	Publications Committee, 11 a.m. Standing Committee, 5.15 p.m.
5	W	Standing Sub-Committee of the Appointments Committee, 2 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. Graduate School Committee, 4.30 p.m.
6	Th	Committee on Accommodation, 2 p.m. External Relations Committee, 5 p.m.
7	F	
8	S	
9	S	
10	M	Committee on Administrative and Library Staffs, 10 a.m. (all day)
11	T	
12	W	General Purposes Committee, 2 p.m. Inter-Halls Committee, 2 p.m. Academic Policy Committee, 4.30 p.m.
13	Th	
14	F	Sub-Committee on Student Numbers, 10 a.m.
15	S	
16	S	
17	M	Catering Services Advisory Committee, 3 p.m.
18	T	Investments Committee, 5 p.m.
19	W	Appointments Committee, 2 p.m.
20	Th	
21	F	Safety Committee, 2 p.m.
22	S	Open Day
23	S	
24	M	Building Committee, 5.30 p.m.
25	T	
26	W	Conference Grants Sub-Committee, 12 noon. Research Committee, 4.30 p.m.
27	Th	Athletics Committee, 4 p.m.
28	F	
29	S	
30	S	

1	M	Meeting of the Professors of Economics, 2 p.m. LSE/AUT Joint Negotiating and Consultative Committee, 5 p.m.
2	T	Standing Committee, 5.15 p.m.
3	W	University Summer Term ends Academic Board, 2 p.m.
4	Th	
5	F	School Summer Term ends
6	S	
7	S	
8	M	
9	T	
10	W	
11	Th	Court of Governors, 5 p.m.
12	F	
13	S	
14	S	
15	M	
16	T	
17	W	
18	Th	
19	F	
20	S	
21	S	
22	M	
23	T	
24	W	
25	Th	
26	F	
27	S	
28	S	
29	M	
30	T	
31	W	

The Court of Governors

Chairman:

Sir Huw Wheldon, O.B.E., M.C., B.S.C.ECON., D.LITT., LL.D., F.R.S.A., D.UNIV.OPEN.

Vice-Chairman:

To be appointed

Secretary to the Court of Governors:

The Director: Dr. I. G. Patel, B.A., PH.D.

W. M. Allen, B.S.C.ECON., M.A.

⁵Mrs. B. Asherson

²Ms. C. Atack

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C. H. Barclay, F.C.A.

Sir Terence Beckett, C.B.E., B.S.C.ECON.

F.ENG., F.I.MECH.E., D.S.C., HON.

D.S.C.ECON., C.B.I.M., F.I.M.I.

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R. E. Bird, C.B.E., B.S.C.ECON.

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B.S.C.ECON., J.P., F.R.S.A.

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M.A., LL.D., D.S.C., C.I.P.M., C.B.I.M., F.I.B.

G. C. Brunton

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⁴C. D. Cowan, M.A., PH.D.

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⁵T. Dale, B.S.C.ECON.

I. H. Davison, F.C.A.

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³D. R. Diamond, M.A., M.S.C.

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Miss L. M. Dugdale, B.S.C., F.I.S.

²R. Dunn

A. F. Earle, B.S.C.ECON., PH.D.

L. Farrer-Brown, C.B.E., B.S.C.ECON.,

LL.D., D.S.C., F.D.S.R.C.S., J.P.

M. H. Fisher

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LL.D., F.S.A., F.R.HIST.S.

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LITT.D.

⁴The Right Hon. Lord Flowers, M.A.,

M.S.C., D.S.C., F.INST.P., F.R.S., F.C.G.I.,

M.R.I.A., F.I.E.E.

²D. Freely

¹R. J. M. Freeman, B.S.C.ECON., F.C.I.S., J.P.

A. C. Gilmour

Miss M. Goldring, B.A.

¹Sir Reg Goodwin, C.B.E., D.L.

J. M. Gullick, M.A.

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Halsbury, B.S.C., D.TECH., D.UNIV.,

C.ENG., F.ENG., F.INST.P., F.R.I.C., F.R.S.,

F.I.C.E.

Sir Frederick Harmer, C.M.G., M.A.

Mrs. E. M. Hattersley, B.A.

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J. Hyman, F.R.S.A., C.B.I.M.

The Right Hon. A. Jones, P.C.,

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British Sociological Association: Anne Dix

Business History Unit: L. Eve Mason

Centre for Labour Economics: Pamela Pearse

Decision Analysis Unit: M. Janet Goodall

ESRC Centre for Economic Computing: Rosemary J. Goodwin

International Centre for Economics and Related Disciplines: Prue Hutton

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Jane Pugh: *Senior Technician (Cartography)*

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R. S. Cousins: *Senior Technician*

S. C. Bennett: *Senior Technician (Electronics)*

R. A. Connett: *Senior Technician (Mechanical)*

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Journal of Public Economics: Anne Robinson

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R. A. McGorin

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Head Porter: G. C. Churchill

Housekeeper: Nina Bell, I.M.A.

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Administrative Officer (Personnel): James A. Shaw, A.I.P.M.

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Academic Staffing Assistant: June M. W. Brown

Supervisor Personnel Records: Margaret L. Seaward

*Residences details are shown on page 44.

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R. F. Kaczynski, B.SC., M.SC.: *Analyst/Programmer*

A. M. McGlone, B.A., M.A.: *Analyst/Programmer*

R. S. Owen, B.SC.: *Analyst/Programmer*

J. P. Skelton, B.SC.: *Analyst/Programmer*

F. Srba, M.SOC.SCI. (PRAGUE): *Programmer (Econometrics Research Programme)*

D. C. Whitehead, B.SC. (E.ANGLIA): *Analyst/Programmer*

K. A. H. Zada, B.SC.: *Support Programmer*

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P. A. Page: *Data Preparation Supervisor*

Yvonne E. Shodeke: *Information Assistant*

B. G. Warren: *Shift Leader*

Chavitri Yogeswaran: *Data Controller*

Centre for Economic Computing

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B. Pesaran, B.SC., M.SC., PH.D.: *Senior Analyst/Programmer*

F. Srba, M.SC.: *Principal Analyst/Programmer*

Diana E. N. Whistler, B.A. (VICTORIA), M.A. (CALGARY): *Senior Analyst/Programmer*

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D.C.H. (ENG.), D.P.M., F.R.C. PSYCH: *Psychiatric Advisor (Part-time)*

Janet Richards, B.A., D.C.P. (TAVISTOCK): *Senior Clinical Psychologist (Part-time)*

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Renée Tilla, N.N.E.B.: *Nursery Officer*

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Diana M. Wates: *Bibliographical Services*
S. R. Wight, B.A., A.L.A.: *Binding*

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Suzanne V. Cox: *Inter-Library Loans*
E. J. Fishman: *Periodicals*
K. M. Gibbons, M.A. (ST ANDREWS), A.L.A.: *Bibliographical Services*
Barbara Humphries, B.A. (SUSSEX), DIP.LIB.: *Bibliographical Services*
Sarah Jardine-Willoughby, A.L.A.: *Bibliographical Services*
E. Helen Leahy, M.A. (CANTAB.), A.L.A.: *Bibliographical Services*
Fiona Maccoll, B.A., DIP.ARCHIVE ST.: *Manuscripts and Special Collections*
Sandra M. Pullman, B.A. (WALES), A.L.A.: *Bibliographical Services*
R. J. Trussell, B.A. (NEWCASTLE), A.L.A.: *Bibliographical Services*
Helen Ward, B.A., DIP.LIB.: *Bibliographical Services*
R. Warren: *Bibliographical Services*
M. Wiggins, B.A. (LEEDS), DIP.LIB.: *Shaw Library*
M. Jane Wilkins, B.A. (MANCHESTER): *Bibliographical Services*

Office Services

J. Ann Davidge: *Librarian's Secretary*
Jill Breen

Processing Services

Janet Richardson

Academic Officers

Director: Dr. I. G. Patel
Pro-Director: Professor M. J. Wise
Vice-Chairman of the Academic Board: Professor W. R. Cornish
Chairman of the Graduate School Committee: Professor L. H. Leigh
Dean of the Graduate School: Mr. Peter F. Dawson
Dean of Undergraduate Studies: Dr. Eileen Barker

Conveners of Departments for the Session 1984-85

Accounting: Professor Bryan Carsberg
Anthropology: Professor I. M. Lewis
Economic History: Dr. P. Earle
Economics: Professor P. R. G. Layard
Geography: Professor D. R. Diamond (Professor Emrys Jones in Michaelmas Term)
Government: Professor G. W. Jones
Industrial Relations: Professor K. E. Thurley
International History: Professor I. H. Nish
International Relations: Professor Susan Strange
Language Studies: Professor R. Chapman
Law: Professor Michael Zander
Philosophy, Logic and Scientific Method: Professor J. W. N. Watkins
Social Psychology: Professor Robert M. Farr
Social Science and Administration: Professor R. A. Pinker
Sociology: Professor David A. Martin
Statistical and Mathematical Sciences: Professor F. F. Land

Departmental Tutors for the Session 1984-85

Accounting: Mr. Stephen P. Lumby (Michaelmas Term) Mr. Christopher J. Napier
(Lent and Summer Terms)
Anthropology: Dr. M. J. Sallnow
Economic History: Mr. D. E. Baines
Economics: Mr. A. Marin
Geography: Mr. David K. C. Jones
Government: Dr. Rodney Barker
Industrial Relations: Mr. D. W. Marsden
International History: Mr. G. A. Grün (B.Sc. (Econ) students)
Mr. John B. Gillingham (B.A. History students)
International Relations: Dr. C. J. Hill
Language Studies: Dr. K. E. M. George
Law: Ms. Jennifer Tempkin
Philosophy: Dr. C. Howson
Population Studies: Mr. Tim Dyson
Social Psychology: Dr. Janet E. Stockdale
Social Science and Administration: Mr. David F. J. Piachaud
Sociology: Mr. G. Rose
Statistical and Mathematical Sciences: Dr. Elizabeth M. Boardman

Secretaries of Divisions of the Staff Research Fund

Economics: Dr. C. R. Bean
Geography/Anthropology: Dr. N. A. Spence
Government: Dr. H. Machin
International Studies: Dr. Anthony Polonsky
Legal: Dr. D. A. Chaikin
Social: Mrs. D. Irving
Statistics: Mr. D. W. Balmer

47 *Academic Officers, Conveners, Departmental Tutors*
Secretaries of Divisions of Staff Research Funds

Committee Members

Committees of the Court of Governors

STANDING COMMITTEE

The Chairman of the Court of Governors
The Vice-Chairman of the Court of Governors
The Director

The Pro-Director

Sir John Burgh

The Rt. Hon. Lord Croham

Sir Frederick Dainton

Mrs. E. M. Hattersley

Lady McGregor

Mr. P. G. Palumbo

The Rt. Hon. Lord Ponsonby of Shulbrede

Professor W. R. Cornish

Mr. P. F. Dawson

Professor D. R. Diamond

Professor R. Higgins

Professor I. M. Lewis

Dr. R. Richardson

Professor D. C. Watt

nominated by the Academic Board

BUILDING COMMITTEE

The Director

The Pro-Director

The General Secretary of the Students' Union

(Mr. E. Lucas)

The Senior Treasurer of the Students' Union

(Mr. M. Moszynski)

Mr. A. C. Gilmour (Chairman)

Mr. I. C. Clarke

Mr. P. G. Palumbo

Mr. S. F. Wheatcroft

Dr. C. R. Badcock

Mrs. J. F. S. Day

Professor J. E. Hall Williams

Professor F. F. Land

Dr. D. McKnight

nominated by the Academic Board

Two student members nominated by the Students' Union

EXTERNAL RELATIONS COMMITTEE (a sub-committee of the Standing Committee)

The Chairman of the Court of Governors (Chairman)

The Vice-Chairman of the Court of Governors

The Vice-Chairman of the Academic Board

The Director

The Pro-Director

Professor B. Abel-Smith

Dr. E. V. Barker

Dr. N. A. Barr

Sir John Burgh

Mr. P. F. Dawson

Mr. D. J. Kingsley

ex officio

Professor I. H. Nish

Mr. P. G. Palumbo

Sir Antony Part

Mr. I. M. Peacock

Professor S. Strange

The Rt. Hon. Lord Tanlaw

(Vacancy)

HONORARY FELLOWS COMMITTEE

The Chairman of the Court of Governors

The Vice-Chairman of the Court of Governors

The Director

The Pro-Director

The Vice-Chairman of the Academic Board

(Professor W. R. Cornish)

Sir Frederick Dainton

Sir Arthur Knight

Professor D. R. Diamond

Dr. M. Leifer

Professor I. H. Nish

Professor E. A. Wrigley

nominated by the Academic Board

ex officio

INVESTMENTS COMMITTEE

The Chairman of the Court of Governors

The Vice-Chairman of the Court of Governors

The Director

The Pro-Director

Sir Anthony Burney (Chairman)

Mr. C. H. Barclay

The Rt. Hon. Lord Croham

Dr. B. Donoghue

Professor A. R. Prest

Mr. E. de Rothschild

(Three vacancies)

ex officio

LIBRARY PANEL (a sub-committee of the Standing Committee)

(Chairman) to be appointed

The Director

The Pro-Director

The Librarian

The Chairman of the Library Committee

(Mr. D. J. Sinclair)

Mr. R. E. Bird

Sir Frederick Dainton

Professor I. M. Lewis

Dr. C. Crouch

nominated by the Academic Board

ex officio

Committees of the Academic Board

GENERAL PURPOSES COMMITTEE

The Director

The Pro-Director

The Vice-Chairman of the Academic Board

(Professor W. R. Cornish)

The General Secretary of the Students' Union

(Mr. E. Lucas)

The Graduate Affairs Officer of the Students' Union Executive

(Mr. Rajat Kohli)

ex officio

Professor M. J. Desai
 Professor D. R. Diamond
 Mr. J. R. Drewett
 Dr. A. L. Hall
 Dr. J. Midgley
 Dr. A. N. Oppenheim
 Professor R. A. Pinker
 Dr. A. B. Polonsky
 Dr. S. A. Roberts
 Mr. G. Schöpflin
 Dr. A. P. E. L. Sealy
 Professor S. Strange
 The Dean of the Graduate School (Mr. P. F. Dawson)
 The Dean of Undergraduate Studies (Dr. E. V. Barker)
 (One vacancy)

Four student members nominated by the Students' Union

ACADEMIC POLICY COMMITTEE

The Director	}	<i>ex officio</i>
The Pro-Director		
The Chairman of the Graduate School Committee (Professor L. H. Leigh)		
The Dean of the Graduate School (Mr. P. F. Dawson)		
The Dean of Undergraduate Studies (Dr. E. V. Barker)		
The Librarian		
The Vice-Chairman of the Academic Board (Professor W. R. Cornish)		
The Vice-Chairman of the Appointments Committee (Professor D. J. Bartholomew)		
The Chairman of the Academic Studies Sub-Committee (Professor E. A. Wrigley)		
Mr. A. J. Beattie		

Dr. R. W. D. Boyce
 Dr. C. J. Crouch
 Mr. J. E. H. Davidson
 Dr. P. Earle
 Dr. J. G. H. Fulbrook
 Mr. H. Glennerster
 Mr. R. A. Jackman
 Dr. B. S. Johnson
 Mr. D. K. C. Jones
 Professor G. W. Jones
 Mr. A. G. L. Nicol
 Mr. C. W. Noke
 Dr. A. N. Oppenheim
 Dr. J. Overing
 Dr. R. J. Paul
 Dr. C. M. Phillips
 Dr. R. Richardson
 Mr. N. A. Sims
 Dr. J. Sutton
 Mr. E. Thorp

Dr. E. G. Zahar
 Dr. E. A. Weinberg

ACADEMIC STUDIES SUB-COMMITTEE OF THE ACADEMIC POLICY COMMITTEE

The Pro-Director
 The Dean of Undergraduate Studies } *ex officio*
 (Dr. E. V. Barker)
 Professor E. A. Wrigley (Chairman)
 Mr. W. D. Bishop
 Dr. P. Earle
 Mr. R. A. Jackman
 Dr. A. N. Oppenheim
 Dr. J. Overing
 Dr. C. M. Phillips
 Mr. N. A. Sims
 Mr. E. Thorp

COMPUTING SUB-COMMITTEE OF THE ACADEMIC POLICY COMMITTEE

The Director	}	<i>ex officio</i>
The Pro-Director		
The Chairman of the Computer Services Users' Committee (Dr. C. Board)		
Professor A. S. Douglas (Chairman)		
Dr. G. D. Gaskell		
Mrs. D. Irving		
Mr. J. M. Jacob		
Dr. B. S. Johnson		
Professor F. F. Land		
Dr. H. Norton		
Dr. T. J. Nossiter		
Dr. S. J. Waters		

Two student members to be nominated by the Students' Union

COMMITTEE ON STUDENT NUMBERS

(A sub-committee of the Academic Policy Committee)
 The Director
 The Pro-Director
 Professor W. R. Cornish (Vice-Chairman of the Academic Board)
 Dr. R. C. Estall (Chairman of the Admissions Committee)
 Mr. A. J. Beattie (Vice-Chairman of the Admissions Committee)
 Professor L. H. Leigh (Chairman of the Graduate School Committee)
 Mr. P. F. Dawson (Dean of the Graduate School)
 Dr. E. V. Barker (Dean of Undergraduate Studies)
 Mr. J. Potter (Senior Tutor to General Course Students)
 Professor E. A. Wrigley (Chairman of the Academic Studies Sub-Committee)

CONFERENCE GRANTS SUB-COMMITTEE

(A sub-committee of the General Purposes Committee)
 The Director
 The Pro-Director } *ex officio*
 Professor D. A. Martin
 Professor A. R. Prest
 Dr. M. Leifer

COMMITTEE ON ACCOMMODATION

- The Director
- The Pro-Director
- The Vice-Chairman of the Academic Board
(Professor W. R. Cornish)
- The General Secretary of the Students' Union (Mr. E. Lucas)
- Mr. R. F. G. Alford
- Dr. C. Board
- Dr. D. McKnight
- Dr. H. Machin
- Mr. D. B. O'Leary
- Dr. R. J. Paul
- Dr. A. E. M. Seaborne
- Dr. D. Stevenson

} *ex officio*

Four student members nominated by the Students' Union

CAREERS ADVISORY SERVICE COMMITTEE

- The Director
- The Pro-Director
- Dr. S. R. Hill (Chairman)

} *ex officio*

- Mrs. J. Denton
- Mrs. K. F. Russell
- Mr. E. C. Sosnow
- Mr. S. F. Wheatcroft

} *nominated by the Court of Governors*

- Dr. J. V. Howard
- Mr. I. G. F. Karsten
- Dr. D. C. B. Lieven
- Mr. S. P. Lumby
- Dr. J. A. Rees
- Dr. D. Stevenson
- (Three vacancies)

Nine student members

COMPUTER TIME ALLOCATION COMMITTEE

- The Pro-Director
- The Vice-Chairman of the Academic Board
(Professor W. R. Cornish)
- The Convener of the Statistics Department (Professor F. F. Land)
- Dr. C. J. Crouch
- Professor M. Zander

} *ex officio*

GRADUATE SCHOOL COMMITTEE

- The Director
- The Pro-Director
- Professor L. H. Leigh (Chairman)
- Mr. P. F. Dawson (Dean)
- Professor B. V. Carsberg
- Mr. M. D. Donelan
- Dr. C. R. S. Dougherty
- Dr. C. J. Fuller
- Mrs. B. E. Hay

} *ex officio*

- Dr. S. R. Hill
- Dr. E. H. Hunt
- Professor I. H. Nish
- Dr. A. N. Oppenheim
- Professor R. A. Pinker
- Dr. J. A. Rees
- Dr. R. Richardson
- Mr. J. V. Rosenhead
- Mr. M. D. Steuer
- Mr. L. A. Wolf-Phillips
- Dr. E. G. Zahar
- (Vacancy)

NORTHERN STUDIES COMMITTEE

- The Director
- The Pro-Director
- The Cultural Attachés of the Four Northern Countries and Iceland
- Professor M. S. Anderson (Chairman)
- Dr. R. W. D. Boyce
- Mr. D. C. Bradley
- Mr. J. Potter
- Dr. R. Richardson
- Dr. N. A. Spence

} *ex officio*

PUBLICATIONS COMMITTEE

- The Director
- The Pro-Director
- The Librarian
- Professor D. A. Martin (Chairman)
- Dr. G. D. Gaskell
- Dr. S. R. Hill
- Professor L. H. Leigh
- Dr. T. J. Nossiter

} *ex officio*

STUDENT SUPPORT COMMITTEE

- The Director
- The Pro-Director
- Dr. E. V. Barker
- Mr. A. J. Beattie
- Mr. P. F. Dawson
- Dr. R. C. Estall
- Professor M. S. Anderson
- Mr. G. A. Grün
- Dr. F. E. I. Hamilton
- Mr. J. T. S. Madeley
- Mr. C. W. Noke
- Dr. T. J. Nossiter
- Dr. R. J. Paul
- Mr. M. Reddin
- Mr. H. B. Rees
- Miss H. M. Scoging
- Mr. D. J. Sinclair
- Mr. J. J. Thomas
- Mr. E. Lucas

} *ex officio*

Mr. S. V. Shah
One other student member

COMMITTEE ON THE STUDENT HEALTH SERVICE

The Director
The Pro-Director } *ex officio*
Mr. H. Glennerster (Chairman)
Dr. M. Hebbert
Dr. S. Ramon
Dr. S. Wood

Four student members

COMMITTEE ON UNDERGRADUATE STUDIES

The Director
The Pro-Director
The Dean of Undergraduate Studies (Mrs. E. V. Barker) (Chairman) } *ex officio*
The Academic Affairs Officer of the Students' Union
One member of the academic staff from each department
One student member from each department

Appointments Committee and its Committees

APPOINTMENTS COMMITTEE

The Appointments Committee consists of the Director, the Pro-Director, all professors, any other conveners of departments and other 'heads of departments' (including the Librarian).

STANDING SUB-COMMITTEE OF THE APPOINTMENTS COMMITTEE

The Director
The Pro-Director
The Vice-Chairman of the Appointments Committee } *ex officio*
(Professor D. J. Bartholomew)
Professor M. S. Anderson
Professor R. Chapman
Professor M. J. Desai
Professor R. M. Farr
Professor R. Higgins
Professor E. Kedourie
Professor D. G. MacRae
Professor E. A. Wrigley

RESEARCH COMMITTEE

The Director
The Pro-Director } *ex officio*
The Librarian
Professor D. R. Diamond (Chairman)
Professor B. Abel-Smith
Dr. G. D. Gaskell
Mr. A. C. Harvey
Dr. M. Leifer
Mr. K. R. Minogue
Dr. R. Richardson
Dr. S. A. Roberts

Dr. N. A. Spence
Dr. M. Walker

Committees Advisory to the Director

ADMISSIONS COMMITTEE (Undergraduate Courses)

The Director
The Pro-Director } *ex officio*
Dr. R. C. Estall (Chairman)
Mr. A. J. Beattie (Deputy Chairman)
Mr. R. F. G. Alford
Mr. D. E. Baines
Mr. M. H. Banks
Dr. N. A. Barr
Professor K. G. Binmore
Mr. M. E. Falkus
Dr. A. A. F. Gell
Mr. G. A. Grün
Dr. C. Harlow
Mr. J. M. Jacob
Mr. K. Klappholz
Dr. M. Leifer
Mr. D. McKay
Mr. K. R. Minogue
Dr. J. P. Parry
Mr. D. F. J. Piachaud
Dr. A. B. Polonsky
Mr. J. Potter
Ms. J. M. Rutterford
Miss H. M. Scoging
Dr. A. E. M. Seaborne
Mr. A. D. S. Smith
Dr. A. W. Swingewood
Dr. P. G. Taylor
Mr. J. J. Thomas
Mr. E. Thorp

ATHLETICS COMMITTEE

Mr. C. A. O'Muirheartaigh (Chairman)
Mr. M. E. Falkus (Vice-Chairman)
The Pro-Director
Mr. D. W. Balmer } *nominated by the Academic Board*
Dr. E. A. Kuska }
Mr. K. R. Minogue (*representing the Senior Common Room*)
The President of the Athletic Union
The Internal Vice-President of the Athletic Union
The External Vice-President of the Athletic Union
The General Secretary of the Athletic Union
The Treasurer of the Athletic Union
The Assistant General Secretary of the Athletic Union
Mr. A. Macduff
Mr. D. Phelps (*representing the Economicals Club*)

COMMITTEE ON ADMINISTRATIVE AND LIBRARY STAFFS

The Director (Chairman)
The Pro-Director
Chairman of the Library Committee (Mr. D. J. Sinclair)
The Vice-Chairman of the Academic Board (Professor W. R. Cornish)
The Vice-Chairman of the Appointments Committee (Professor D. J. Bartholomew)
Mr. P. F. Dawson
Professor I. M. Lewis *nominated by the Standing Committee*
The Librarian
The Secretary (Dr. C. J. Challis)

LIBRARY COMMITTEE

The Director
The Pro-Director
The Librarian
The Chairman of the Library Panel (Sir Antony Part)
The General Secretary of the Students' Union
(Mr. E. Lucas)
The Graduate Affairs Officer of the Students' Union Executive
(Mr. Rajat Kohli)
Mr. D. J. Sinclair (Chairman)
Professor D. A. Martin (Vice-Chairman)
Mr. R. E. Bird
Sir Frederick Dainton *nominated by the Standing Committee*
Mr. A. J. L. Barnes
Dr. M. I. A. Bulmer
Mr. A. Cornford
Mr. G. A. Grün
Dr. C. M. Lewis
Dr. J. McShane
Mr. W. T. Murphy
Dr. C. M. E. Whitehead
An Academic Governor Member of the Library Panel
Two student members nominated by the Students' Union

} *ex officio*

} *nominated by the Academic Board*

(Up to two further outside members)

EQUIPMENT COMMITTEE

The Pro-Director (Chairman)
The Vice-Chairman of the Academic Board (Professor W. R. Cornish)
Dr. C. J. Crouch

INTER-HALLS COMMITTEE

The Director
The Pro-Director
The Warden of Carr-Saunders Hall (Dr. E. Kuska) (Chairman)
The Warden of Passfield Hall (Dr. M. Perlman)
The Warden of Rosebery Avenue Hall (Mr. K. Klappholz)
The Academic Resident of Fitzroy Street Flats (Dr. A. Shaked)
The Academic Resident of Maple Street Flats (Dr. S. Alpern)
Four student representatives resident in the Carr-Saunders complex and comprising two students resident in the Hall and one resident in each block of flats elected by the Hall Society.
Two student representatives resident in Passfield Hall and elected by the Hall Society

} *ex officio*

Two student representatives resident in Rosebery Avenue Hall and elected by the Hall Society.

CATERING SERVICES ADVISORY COMMITTEE

The Director
The Pro-Director (Chairman)
Professor T. C. Barker
Dr. C. M. Phillips } *(representing the Senior Common Room)*
Miss J. Pinney }
Miss S. V. Cox } *(representing the Administrative Staff Common Room)*
Miss P. Kendall }
The Senior Treasurer of the Students' Union (Mr. M. Moszynski)

Four student members.

SAFETY COMMITTEE

Professor M. Zander (Chairman)
Two representatives of the ASTMS
Two representatives of the AUT
One representative of the EETPU
Two representatives of NALGO
Two representatives of the TGWU
One representative of the SOGAT
One representative of the ACCTS
The Bursar
The School Health Service Officer
The Administrative Officer Residences and Catering
The Assistant Personnel Officer
The House Manager
The Deputy Catering Manager
The School Nurse
The Safety Officer
The Library Steward

Three student members

COMMITTEE ON THE WELFARE OF OVERSEAS STUDENTS

The Pro-Director
The Welfare Officer of the Students' Union Executive
The Dean of the Graduate School (Mr. P. F. Dawson)
The Dean of the Undergraduate School (Mrs. E. V. Barker)
Mr. J. J. Thomas (Chairman)
Dr. N. A. Barr
Dr. J. O. Midgley
Professor I. H. Nish
Mr. J. Potter
(Vacancy)
The Chairman of the Students' Union Committee on Overseas Students' Welfare
Three other members nominated by the Students' Union

} *ex officio*

History of the School

The founding of the School marked the conjunction of a need with an opportunity. The need was for a centre where political and social problems could be studied as profoundly as they were being studied in universities on the Continent and in America. The opportunity came when Henry Hunt Hutchinson, a member of the Fabian Society, died in 1894 leaving instructions that Sidney Webb and four other trustees were to dispose of the residue of his estate for socially progressive purposes, but otherwise more or less as they thought fit. Sidney Webb working without 'the formalities of charters and incorporations, of public subscriptions and government grants, boards of trustees and governors' collected subscriptions and started his School. Its aim was to contribute to the improvement of society by promoting the impartial study of its problems and the training of those who were to translate policy into action.

The School opened modestly in October 1895 in rooms at 9 John Street, Adelphi, moving next year to 10 Adelphi Terrace, later the home of George Bernard Shaw. It was here in November 1896 that the School's library, The British Library of Political and Economic Science, was started. From the first the School set itself to cater for older students as well as for those of normal university age, attracting them particularly from business and administration; and from the first held itself open equally to students of both sexes.

Once the University of London had reorganised itself in 1900 and established a Faculty of Economics and Political Science, the School joined the University, its three-year course providing the basis of the new B.Sc. (Econ.) degree. Since the formality of its new position required the School to regularise its constitution, it was incorporated as a limited company not trading for profit, on 18 June 1901, with Sidney Webb as Chairman of the Governors. The Memorandum of Association (Section 3 vii) authorised the School to promote 'the study and advancement of Economics or Political Economy, Political Science or Political Philosophy, Statistics, Sociology, History, Geography, and any subject cognate to any of these'. And Article 28 of the Articles of Association stated that 'no religious, political, or economic test or qualification shall be made a condition for or disqualify from receiving any of the benefits of the Corporation, or holding any office therein; and no member of the Corporation, or professor, lecturer or other officer thereof, shall be under any disability or disadvantage by reason only of any opinions that he may hold or promulgate on any subject whatsoever'.

Numbers soon rose; and in 1902 the School was moved to its first purpose-built accommodation. The site was provided in Clare Market by the London County Council; the money for building was donated by Mr. Passmore Edwards and others. By 1913 the building was seriously overcrowded; and the School's subsequent history is a saga of rising numbers, constantly diversifying academic interests and, until lately, too little space. In 1921 the School was recognised by the University Faculty of Laws; in 1922 by the Faculty of Arts; in 1963 by the Faculty of Science. Research and teaching have expanded from small beginnings into the complex range of disciplines set forth later in this Calendar. In 1921 the journal *Economica* was founded; in 1934 *Politica*, which ceased publication during the war. The Library has also grown, until it is now, within its chosen fields, probably the finest collection in the world. And the School buildings, though they have not expanded in step with the needs implied by this growth have been added to and adapted so as to provide space for snack-bars and dining-rooms, homes for statistical machines, meeting-rooms for student gatherings, and modest facilities for physical recreation, in addition to more accommodation for conventional academic needs. In January 1970 the St. Clements Extension and the Clare Market Building were opened: the School's first purpose-built accommodation for forty years. Its users benefit from improved standards and communications, but

little was gained in terms of actual space as these buildings replaced others previously used by the School.

However, 1970 also brought the prospect of the largest building expansion at any one time since the School was founded, with the possibility of a sixty per cent increase in accommodation. The School entered into a contract to purchase Strand House, a five-storey building with some 158,000 square feet of floor space, on an adjacent site in Portugal Street. The building has been adapted to rehouse the British Library of Political and Economic Science in a way which enables scholars, both from the School and beyond, to have full access to the Library's two million items.

Following a successful appeal the School took possession of the building on 31 March 1976 and conversion work commenced in the late autumn of 1976. The building was renamed the Lionel Robbins Building in July 1978 and the Library opened to readers in its new home in October of that year. The hopes of many members of the School, nurtured over more than a decade, were thus realised.

The accommodation released in the main building has now been converted for other purposes including the improvement of general amenities for students.

There is a full account of the foundation of the School in *The History of the Foundation* by Sir Sydney Caine; and a survey of subsequent development in F. A. von Hayek, 'The London School of Economics, 1895-1945', *Economica*, February 1946.

Report by the Director on the Work of the School During the Session 1982-83

For LSE, 1982-83 has been a year of imminent change. Several familiar and important officers of the School and an unusual number of distinguished academics have retired. We shall miss them. Their departure has forced us to rethink structures as well as make new appointments. Some may have found the process painful, but I am sure that all will discover that at this time of transition the School is going to prove its deep strength and its living continuity.

The main changes are these:

Since 1967 LSE's two secretaries have steered our administration, Mr. John Alcock as Academic Secretary and Mr. John Pike as Secretary for Finance and Administrative Services. Both secretaries have retired (Mr. Pike under the Premature Retirement Compensation Scheme) at the end of the session.

Dr. Diana Sanders, Academic Officer with special responsibility for appointments, has left us at the end of the session to take up the Secretaryship of the Middlesex Hospital Medical School. The Registrar, the Bursar and the Accountant are expected to retire in 1983-84 or soon after.

The Premature Retirement Compensation Scheme (PRCS) and the reduction of the retiring age to 65 have meant that more than the usual number of teachers of the School retired at the end of the year, five Professors and four other teachers: Professor Peter Self, Professor of Public Administration since 1963; Professor Theo Barker, Professor of Economic History since 1976 and previously a Lecturer at the School from 1953-1964; Professor Lord Bauer, Professor of Economics since 1960; Professor Hilde Himmelweit, Professor of Social Psychology who joined the School in 1948; Professor Jean La Fontaine, Professor of Anthropology, who came to us in 1968; Dr. Muriel Brown, Lecturer in Social Administration since 1970; Mrs. Margaret Hardiman, Senior Lecturer in Social Administration who came in 1964; Mrs. Jean Nursten, Senior Lecturer in Social Work who joined us in 1979; Dr. Rosamund Thomas, Lecturer in Public Administration since 1978.

Professor Alan Day who has served as Pro-Director of the School since 1979-80 with great distinction had to abandon this office on grounds of ill-health. The School owes Professor Day an enormous debt of gratitude. His imagination and his expeditious style have enabled us to act and to react where others remained slow and rigid. As from the 1 October 1983, Professor Michael Wise, Professor of Geography, has been appointed Pro-Director for a period of two years.

It is relevant to mention in this context that at the University of London too there have been significant changes. Mr. J. R. Stewart for many years Clerk of the Court and since 1978 Principal, has retired. He was at all times a friend of the School as indeed he was a friend of all institutions in the University of London. He has been replaced by two alumni of the School, Dr. William Taylor, hitherto Director of the Institute of Education, as Principal, and Mr. Peter Holwell as Clerk of the Court.

Apart from those mentioned, several other members of the administrative and technical staff have left the School last session. They include: Mr. Bill Frisby, Chief Electrician who came to the School in 1961 (and left last April); Mrs. Joan Lynas, Administrative Secretary in the Economic History Department who joined the School in 1968; Mr. Jim May, Fitter and Metal Worker on the staff of the Bursar's Department, who also left last April and who came to the School in 1977; Mr. and Mrs. Poole, Caretaker and Caterer at the School Sports Ground, New Malden, since 1964; Mrs. Joan Rowat, Administrative Officer in the Registry who came in 1970; Miss Joyce Simpson, Principal Clerk in the Registry since 1970; Mr. John Ward who joined us as a Porter in 1965 and acted as Storekeeping Assistant since 1981; Mr. Charles Harvey,

Deputy Foreman Porter who joined in 1969; and Mr. Douglass Beattie, Electrical Storeman, who retired after sixteen years' service.

Finally, to complete the picture of change at LSE I wrote to the Chairman of the Court of Governors on 6 January 1983 telling him that I am not a candidate for re-appointment as Director of the School on the expiry of my ten-year term of office in September 1984. "It is quite conceivable that I shall regard my LSE years as the happiest of my life. The Directorship of the School has given me more satisfaction and pleasure than any other position which I have held. I shall forever love LSE". Yet after ten years at the helm of the School, the time seems right for a change.

A Matter of Housekeeping, or the Administration of the School

The first question which we had to answer in relation to imminent changes was one of housekeeping as it were. Every university both combines and separates what may be called academic administration and more general, notably, financial administration. The detailed work of preparing a budget and the implementation of the decision to fill a lectureship are not likely to lie in the same hands. But where does the split begin? Above all, should there be one chief administrator or should the various threads meet only in the hands of the Director as the academic and administrative head of the School?

As we re-examined the argument, we found it nicely balanced. The last unitary Secretary of the School, Mr. Harry Kidd, had found the burden of the secretaryship great. A division seemed to be indicated at the time of his departure purely in terms of work-load. More important arguments, however, reached deeply into the culture of the School.

There is a sense that academic and financial interests are bound to be in conflict, the more so at a time of stagnation or retrenchment. In other university institutions, the conflict has come out into the open; at LSE, or so it was believed, it has been contained by the presence of two secretaries. Academic needs have, therefore, not been subordinated entirely to the exigencies of finance. To the present day it is widely felt that the academic case prevails and must prevail if and when painful financial decisions are taken.

The other side of the argument is, of course, that although a conflict of interest exists, it need not be institutionalised, at any rate not by having two secretaries. Nobody has suggested that the incumbents have "fought their corners"; they behaved as administrators must with impeccable neutrality and detail and an equal commitment to the School in general. Nor need this be exceptional. As long as we remain aware of the fact that LSE is not about balancing its books, but about first-rate teaching and research, and that the administration as a whole serves its primary purpose, we can deal with a built-in conflict between viability and quality through our normal machinery.

There is, however, another even deeper suspicion at the School: LSE does not like concentrations of power. In fact the diffusion of power is one of the secrets of the School. One former Pro-Director used to tell the story of how, as a lecturer, he suspected that all power rested with the professors. When he became a member of the professoriate he thought that perhaps in the Standing Sub-Committee of the Appointments Committee, or in the Standing Committee of the Court of Governors lay the real seat of power. In due course, he became a member of both and decided that power must reside somewhere around the Director "on the sixth floor", until as Pro-Director he saw yet another suspicion evaporate before his eyes. The fact that the convenership of departments rotates, and that with few exceptions no-one holds any office for more than three years, contributes to a climate in which a hundred flowers can bloom. In a sense, this climate is also the answer to the objections against having one 'powerful' Secretary. The Secretary is very much a part of the diffused power

structures of the School, subject to them, dependent on committees, at least in modern times, unable to pull strings which make others dance. 'Modern times' is perhaps an important reservation. The School has had one or two formidable, strong-willed Secretaries. However neither staff nor students would today simply take the Secretary's work as their command. There are enough checks and balances against too much concentration of power in one set of hands.

Perhaps the most difficult argument was presented by the fact that the two out-going Secretaries have been held in enormous esteem and affection at LSE. There was occasion to express these feelings when I gave a large and happy reception to Mr. Alcock and Mr. Pike on 7 July. John Alcock has embodied the academic values which the School holds dear. Coming as he did from the administration of a technical college in the north and before that from his family's business, he found at LSE a place which allowed him to develop and apply his many capacities fully. Indeed, he has always seemed to me to be the epitome of an LSE man, committed to quality, humane in style, profoundly convinced of the School's place in the scheme of things. John Pike came to LSE from responsibilities as a minister in pre and post-colonial Sarawak. His wide experience and ability, his leadership and his friendship have left a lasting imprint on the School's industrial relations, on its outside contacts and, of course, on its financial health. Among many other things, John Pike was the man to turn to in emergencies. Thus, both our secretaries will be missed.

Yet, do such considerations provide an argument for once again appointing two people? In a sense, each of the two could have been the sole Secretary of the School. Moreover, it was unlikely that we should be able to find two equally gifted persons. Then there is the question of whether the Director is not needed as much to represent the School outside as he is to hold together the threads of its internal administration. Such a wider role for the Director almost implies the need for one chief administrative officer. In the end the School's committees came down on the side of the traditional single-Secretary structure.

The appointment was duly made, Dr. Christine Challis, formerly Deputy Secretary of the University of Leeds, a former student of Bedford College (B.A.) and Queen Mary College (Ph.D.), now joins a line of great Secretaries of the School, among whom she is by no means the first woman: Miss Christian Mactaggart (1897-1919), Mrs. Jessie Mair, later Lady Beveridge (1919-1938), Mr. (later Sir) Walter Adams (1938-1941, when he was seconded to the Foreign Office), Miss Eve Evans (1945-1954), Mr. Harry Kidd (1954-1967), Mr. John Alcock (1967-1983, from 1958 Registrar), Mr. John Pike (1967-1983). Dr. Challis took up her duties on 1 October 1983. One of her early tasks will be to arrange for the replacement of other senior administrators. There are certain fixed points in this process. The School will wish to keep an identifiable Graduate School. The School will continue to have a strong Appeals and External Relations Office. There are also obvious units of administration. But without doubt some changes will be regarded as desirable by all concerned. It is all the more important that the first and crucial step has been taken.

A Matter of Integrity, or Academic Developments and Requirements

The School is about scholarship. It is here that its living continuity and strength will have to tell. The retirement of eminent colleagues is mitigated by a number of facts. One of them is that some of them at least will continue to be with us as teachers. The other is that new appointments have been made in more than half the departments of the School. Among the new teachers we welcome two professors: Professor Robert Farr, formerly of Glasgow, as Professor of Social Psychology, and Professor John Hobcraft, recently of the World Fertility Survey, as Professor of Population Studies. The appointment of Professor Farr indicates our desire to maintain and develop the Department of Social Psychology which Professor Hilde Himmelweit has so ably built

up. Professor Hobcraft joins Professor Wrigley and four lecturers in what is now a sizeable and distinguished 'sub-department' of Population Studies within the Department of Statistical and Mathematical Sciences.

Fourteen new teachers will take up their duties on 1 October 1983 or soon after. There can be no greater compliment to Mr. Pike, Professor Day and all those responsible for the School's finances than this fact. After years of severe retrenchment we have now reached a plateau which enables us to use ninety per cent of the funds accruing from vacancies for new appointments. As any readers of newspapers know, this plateau is precarious. Before long we may be faced with new threats to our financial base. If this happens, I sincerely hope that the sacrifices which we have had to make in recent years are taken into account. On the academic side alone our staff-student ratio had to deteriorate from 1:11 in 1974-75 my first year at the School to 1:14 in 1982-83. This is not a figure which I like to advertise; but it is one indication among others of the cost of viability in these times.

There is one aspect of academic staff changes which should not go unnoticed. Of the nine academics who have left or retired this session, no fewer than six are women. PRCS in particular seems even more attractive to women than it does to men. Thus, it tends to lead to a further reduction in the already disproportionately small number of women academics. Were this to happen it would be more than regrettable. Among our own newly appointed academic staff there are three women. It is my personal hope that we at LSE can counteract the general trend without needing explicit affirmative action.

In the research field, LSE has continued to flourish. The International Centre for Economics and Related Disciplines (ICERD), the Centre for Labour Economics, and the Business History Unit have all embarked on new and widely acclaimed ventures of which the Dictionary of Business Biography, now to be published by Butterworths, deserves special mention. A major new unit has been added this session, the SSRC Centre for Economic Computing. With the appointment of its Director Dr. Brian Cooper, who came to us from ICL, this important service institution can begin its work. It will assist academic and applied economic research throughout the country and in the process it will undoubtedly make its own methodological contributions.

It would, however, be wrong to confine this note on academic developments to a list of achievements or even of problems. The most important single development is a more general one. It concerns the core of academic life, tenure, discussion of which has come to a head during the last session. Increasingly, government, pressure groups, and some of those responsible for academic institutions seem to feel that cast-iron tenure, that is, the appointment of academics to retiring age, on contracts which the institution cannot dissolve is somehow wrong. Be it for reasons of expediency or even of principle, there is a growing trend to attack tenure in theory and to restrict it in practice. Indeed, the Privy Council has insisted before granting new charters to institutions that these contain clauses allowing for the dissolution of contracts.

As against this trend the position which LSE has taken is clear and unambiguous. We believe that tenure is a necessary condition of our academic freedom. Only if no-one can threaten the basis of a teacher's existence can he or she devote himself or herself to the pursuit of truth irrespective of whether it pleases employers, ministers, whoever. At the same time we recognise that these are great words. The promise which they imply needs to be well-founded. Not only does the privilege of tenure require the lifelong commitment of those who enjoy it; but tenure must be difficult to achieve. A careful and demanding system of peer review should lead to a guaranteed contract of employment.

Times are changing rapidly. Only five years ago we had to defend before an Industrial Tribunal our system of conducting a 'major review' in the penultimate of six years (or more) of initial employment; most other university institutions have long adopted an easier route to tenure. At the time the Tribunal vindicated LSE's practice without reservation. Today this practice must be adduced to make it clear that at LSE

at least tenure is not an easy privilege but a hard-earned status. In fact at any given time about one-quarter of all academic staff will not have tenure. They are on the way, unless their appointments are temporary or research-related, and therefore non-tenured in any case.

Among the many arguments against tenure, the most serious academically is that an unbreakable contract is granted to people at a time at which their work may warrant it, but that some may later dry up, lose their academic sparkle and indeed become a burden on their institution. Such cases undoubtedly exist, but I would hate to think of any institution, let alone individual, having the right to 'weed out' those who no longer deserve tenure. Here as elsewhere freedom has a price (and the price is not very high). Like every other human institution universities have to, and can live with imperfection.

However the battle for tenure has only begun. Pressure on government is strong. Other groups wonder why academics should have employment rights which they strive for in vain, and many a university administrator would like to have more 'flexibility' (an example perhaps of the possible conflicts between financial exigencies and academic values). To some extent, LSE as an employer is free to go its own way. Beyond that we shall have to make our case wherever appropriate. It is an important case. We are defending no less a cause than the integrity of scholarship.

A Note on an Evergreen, or Student Participation

Somewhat suprisingly perhaps a session which has made us rethink fundamentals has also brought up again the age-old question of student participation. Student representatives on committees and academics were agreed that another look at the ways in which students are involved in the process of decision-making at the School, was indicated. A Working Party under the Chairmanship of Professor W. R. Cornish reviewed the issues as well as possible solutions. It had student members, and in some respects presented alternatives rather than clear answers. In any case it re-opened the old dossier.

At LSE, student participation is, of course, linked to the events of the late 1960s. It is important to remember this because 1968 has left its mark on individuals and institutions alike. As one who was not at LSE at the time and whose views do not readily fit into the simple categories which were then created by circumstance, I have regarded it as a part of my duty to try and emphasise the common concerns of all who are involved in the adventure of scholarship and to make sure that everyone whatever line he or she took at the time, can regard LSE as his or her home.

At the time, a so-called 'offer' was made to students. Again at the time, students rejected the 'offer'. Indeed, when I arrived in 1974, I found the highly unsatisfactory situation that students had been asked to serve on certain committees, but had refused to take up the opportunity because, as they saw it, the most important committees still remained closed to them. When, in 1976, students finally agreed to hold elections for their representatives, it was understood that there must be a chance to review arrangements after a number of years. The Cornish Working Party represents this review.

In line with the committee structure of the School, the original 'offer' was in two parts: So far as the Court of Governors and thus the overall governance of the School is concerned, the 'offer' was ingenious and has proved effective. There are six student governors, that is, members of the Court, five of whom are nominated on the basis of special elections involving all students, whereas the sixth, the General Secretary of the Students' Union, serves *ex officio*. Student Governors cannot be elected to the Standing Committee of the Court (nor to certain other committees), but there are regular meetings between Student Governors and the Standing Committee. From time to time, students have wondered about these restrictions, but by and large they have come

to accept that the joint meetings give them a considerable measure of information and of influence. It is unlikely that the present committees (the Court and its Standing Committee) would wish to change existing arrangements, but perhaps it can also be said that these arrangements are fair and effective.

On the academic side of our committee structure, the position is much less clear. On a number of committees students have now served for several years and there has been no complaint about lack of information or of influence. This includes the Library Committee, but also the Inter-Halls Committee, which all but sets the fees for Halls of Residence. Recently, the policy-making Student Support Committee has been added to the list. Closer to the day-to-day concerns of students, there are the departmental staff-student committees. The Cornish Working Party has rightly underlined their importance and suggested ways of making sure that all departments make full use of these committees; the Academic Board has warmly endorsed this recommendation.

It is, incidentally, through the machinery of staff-student committees as well as the Committee on Undergraduate Studies (with student members) that many of the ideas have come up which have gone into our new Study Guides. The *Calendar* of the School has been re-structured in such a way that, while it remains possible to identify particular lecture courses and their contents, greater emphasis is placed on courses of study and their requirements. These can now be readily identified (for all practical purposes one of the welcome parting gifts of Mr. John Alcock and Dr. Diana Sanders).

The question that remains is, however, difficult. The School is all but unique in having an Academic Board of which all permanent teachers, whether they have crossed the tenure line or not, are members. Other academic and academic-related (administrative and library) staff are invited but are not voting members. The Board is the ultimate instance in all matters of academic policy. It is here, for example, that many years ago the decision was taken that the School as such should not get involved in policy-oriented research. Here it was (reluctantly) decided that the Department of Language Studies would be reduced and slowly wound up. The Board has no student members, though it has on occasion asked student representatives to make their case, but has then deliberated without them.

Insofar as the work of the Board is prepared systematically (there is no Standing Committee), a number of committees are involved of which two deserve special mention. The General Purposes Committee (GPC) and the Academic Policy Committee (APC) with its Academic Studies Sub-Committee. The APC was originally 'a committee advisory to the Director' and has only in recent years *de facto* become a committee of the Academic Board. The GPC has six student members. However, its agenda has in recent years tended to be drained of much substance. Its meetings rarely last an hour, and much of the business is either routine or it involves a straight staff-student division. The GPC is at best a fleet in being available for troubled times which one hopes will not recur.

The APC on the other hand has no student members. All departments and all academic staff groups are represented. The APC makes recommendations on courses old and new, on examinations, on such matters as study guides and the like. At times, general questions of academic policy, such as the issue of tenure, are taken to the APC.

The Cornish Working Party has surveyed the scene, and recommended student membership of the APC except for 'reserved' subjects. On the important question of student observers of the Academic Board, there was much disagreement. So where do we go? The Academic Board has discussed the Cornish recommendation on two occasions and has taken one clear decision: It does not wish to have students either as members or as observers on the Board itself. There were those, to be sure, who saw no particular difficulty in allowing students in as observers. Others, however, expressed the anxiety that even a few students might change the character of the Board, and above all that important subjects might 'emigrate' to more exclusive committees if students were admitted to the Board, so that the Board itself would lose its significance

and influence. It was agreed that whenever desirable (and more frequently than in the past), students should be invited to make their case. But by a majority of three to one, a well-attended Academic Board decided that it wished to preserve its, by now, traditional character.

Since I agree entirely with this view, it may be right to add one comment. The Board represents something which has been lost in many universities of the world in the course of the great expansion: the fellowship of the College. Of course, the Academic Board has its own structures and customs. There are those who speak often and well, and those who speak rarely though perhaps no less well. There are those who come only if their special interests are at issue and those who come regularly and take a general interest in the School. But as members of the Board they are all equal. There is no built-in majority of any department or rank. It is a true fellowship of the permanent citizens of the School. Preserving it means preserving a piece of the admittedly oligarchic, but within the oligarchy democratic, tradition of universities.

This will not satisfy students and indeed sooner or later something will have to be done about the committees which prepare the Board's business. I am not sure that my own last year is an appropriate time for institutional changes, by my view about the GPC/APC structure, for what it is worth, is this: There may well be a case for having just one committee called, say 'General Purposes and Academic Policy Committee'. This committee should have elected student members. It should deal with all matters before the present GPC and most of those before the present APC and make recommendations. Insofar as there are 'reserved subjects', these should be discussed by the Academic Studies Committee whose recommendations would then have to go straight to the Academic Board, though the GPC and APC should see its agenda. In this way, student participation on the academic side could be given more meaning where the notice of 'reserved subjects' and the fellowship of the Academic Board remain unaffected. There are, of course, details to be worked out. There are also related issues such as whether the Student Support Committee and its policy function should be merged with the GP and APC. But on balance it would seem to me that such a structure would remove some of the untidiness of present practices.

Needless to say, structures do not solve problems, nor do they remove substantive disagreements. Despite repeated clear decisions by the Academic Board, there is still a sense of grievance among student representatives, about September re-sits for Part I of the B.Sc. (Econ.). A majority of the Board feel that such re-sits would devalue the examination and that individual cases of hardship can be dealt with on an individual basis. In this case, I happen to find myself with the minority, but the subject has now been laid to rest for the time being at least, and changes in student participation are unlikely to alter anybody's views.

There is a general lesson here. It is always misleading to stare at structures of organisation as if they provide solutions. What really matters is the free flow of information, an awareness of interests and views, the readiness to give reasons for decisions, the preparedness to meet and talk. I should like to think that these are things which are not missing at LSE.

External Relations

No Director's Report can be complete which does not bring the reader up-to-date on our appeals and on the external relations of the School more generally. The LSE 1980s Fund, our most important appeal, has continued to grow, though in 1982-83 we have for the first time spent as much as has been added to the Fund. At the end of the session the Fund stood at £1,311,958. Ninety-nine students have been helped during the session with awards totalling £144,722. As a simple division of the latter figure by the former shows, it is still true that relatively small sums make a major difference to many students; in fact the average value of awards which stood at £1,575 in 1982-83 hides considerable variations.

Since its inception, 309 students from home and abroad have received awards from the LSE 1980s Fund. Thus, there can be little doubt that this venture has made a major difference to individuals and to the School. Moreover, to have reached two-thirds of the target of £2 million six years before the final target date can be regarded as a remarkable success. Nevertheless, new initiatives to increase income into the 1980s Fund are necessary and have been taken. The establishment of Argov Graduate Studentships for Israeli Students has got off to an excellent start. £33,500 has been raised so far, and the first two students under this scheme will be at the School in 1983-84. A special fund-raising drive has been started among former law students: the response so far has been encouraging. More generally, a Working Party under the Chairmanship of Professor B. C. Roberts, is considering the next steps in fund-raising, including approaches to foundations and business firms.

Not all our appeals are a part of the 1980s Fund. Of those with a separate identity, the LSE Students' Union South African Scholarship Fund has now raised £5,800. The first award from this fund has been made for 1983-84. Consideration is given to appropriate ways of honouring the memory of Professor Robert McKenzie, both here and in Canada; perhaps progress can be reported next year. And then, in the more distant future, there is the LSE Centenary of 1995 and the idea which has been floating about for some time that the School really needs an endowment of a considerable order of magnitude — but that will be long after my time and is not a proper part of a report on the session 1982-83.

Fifty-seven per cent of the total given so far to the LSE 1980s Fund comes from Britain, and forty-three per cent from overseas. These figures indicate the close and important relations which the School continues to have with its former students, its present students, and its future students all over the world.

So far as former students are concerned, there are now alumnus organizations in 30 countries. France, Iceland, Kenya and Mexico have recently been added to the list, or are in the process of being added. In the United States, Elizabeth Brownstein has handed over the Executive Presidency of the Friends to Wendy Weinberg; the group continues to be active and helpful. It is particularly gratifying that in any given year, we are now directly in touch with virtually all alumnus groups; many visitors come to London and are, whenever possible, entertained at the School. More and more members of the School's staff have come to realize that when they are travelling they can usefully visit groups of former students. In addition, of course, Dr. Anne Bohm has continued her travels with undiminished vitality and great success.

So far as future students are concerned, overseas student publicity has now become a part of the External Relations Office. It is sometimes said that the School has succeeded in keeping its large number of overseas students by 'aggressive marketing'. Whoever says this has clearly no idea what 'aggressive marketing' looks like. The School's effort to make its academic opportunities known as widely as possible have been modest and mild. The main burden of the effort rested on three or four pairs of shoulders. Now we shall be a little more systematic in the information we offer, the advertisements we place, and staff visits above and beyond those of Mr. Jim Potter, the Senior Tutor to General Course students, and Dr. Bohm. But all this will still fall far short of 'aggressive marketing' (as it should perhaps for the School has not changed its character and does not propose to do so whatever the exigencies under which we operate are).

One organisational change is worth reporting in connection with our external relations. For some years we have had an organisation called 'Friends of LSE'. Its chairman was Dr. Leslie Farrer-Brown and it donated important, if relatively small, sums for amenities and other needs which could not be met from the School's resources. For example, the Friends have decided to change the furniture in the Shaw Library and to spend some money on prints or pictures to be hung in Halls of Residence. Equally generously, however, the Friends have decided that there was

something misleading about their name, especially in view of the fact that we have a flourishing LSE Society. Thus they transformed themselves into a part of the LSE Society, the 'Friends Amenities Fund of the LSE Society', which will make their position clearer but no less significant.

Our activities in the field of external relations and appeals have become a model for many. Miss Jennifer Pinney has numerous visitors from other institutions and appeals who wish to benefit from her unique experience. For the School, the External Relations Office has become indispensable. It is the administrative embodiment of the academic internationalism of which we are proud; if our external relations flourish the School flourishes as well.

Events of the Session

Most of the important events of the session have been mentioned in this report already; some, however, have to be added.

The traditional Honorary Fellows Dinner was held on Thursday 12 May 1983. On that occasion five new Honorary Fellows were created — Ambassador Shlomo Argov, Sir John Burgh, Professor David Donnison, Professor Fei Hsiao-Tung, Mr. James Robertson Stewart.

Several of our Honorary Fellows have died during the session: Professor Meyer Fortes, Sir Maurice Kendall, Miss Janet Kydd, Professor Abba Lerner, Mr. Isaac Olshan, Mr. George Schwartz.

Of those Members returned to Parliament at the General Election of 9 June 1983, thirty-one have been former students of the School. Lord Cockfield remained a member of the Cabinet. Professor Peter Bauer received a Life Peerage in the New Year's Honours List 1983.

Towards the end of the session a major physical change took place in Houghton Street. It will please those among us, who, like the Chairman of the Court, Sir Huw Wheldon, myself and others, have long been concerned about the environment of the School. At long last Westminster Council has given its permission to have Houghton Street paved over and thus turned into a precinct for people. Had it not been for the generosity of a Governor of the School whose concern with the urban environment of London is well known, we might not have been able to make full use of this permission. In the event the new pavement was donated by the Governor (who had already supported the cleaning of the buildings last year). Houghton Street will soon be a model of what a city can be like if it is turned over to those who live in it. Along with the colourful tubs and window-boxes on the various roof gardens and outside the Library Building, the street makes for a more humane environment for all. I am deeply grateful to the donor and I am sure many will share my sentiment.

Finally, as this is written, two weeks after the beginning of the new session, my successor has been elected: Dr. I. G. Patel, former Governor of the Reserve Bank of India, Economist and International Civil Servant. Dr. Patel will take over as Director at the beginning of the session 1984-85.

RALF DAHRENDORF
October 1983

Academic Awards

Scholarships and Studentships Awarded in 1983

(a) Awarded by the School

ENTRANCE SCHOLARSHIPS

Delia Ashworth Scholarship
Paul Cordery

Christie Exhibition
Janet Weinman

UNDERGRADUATE AWARDS

Institute of Chartered Secretaries and Administrators' Scholarship
Mark Philip Inzani

Harold Laski Scholarship
Owen Maurice Bennett-Jones

C. S. Mactaggart Scholarships
Phillip John Everett
Jonathan Marcus Ireland
Abhinay Muthoo

Undergraduate Scholarships
Nicholas David Burt
Oliver Bruce Linton
Henry Hon Leung Tai

AWARDS OPEN TO UNDERGRADUATES AND GRADUATES

S. H. Bailey Scholarship in International Studies
Karen Piligian

GRADUATE AWARDS

Montague Burton Studentship in International Studies
John Ferris Iowe Ross

Jackson Lewis Scholarship
Ali Mahmoud Khadr

Andre Mannu Studentship
Peter Maitland Milne

Graduate Studentships

Bruna Angel
Peter Gose
Anne Louise Martin
Holli Annette Semetko
Farida Sheriff
Trina Anne Margaret Yates

Graduate Studentships in Social Studies

Timothy William Keirn
Ann Jocelyn Lane
John Ferris Iowe Ross
Jon Thorn

IBM Award for the European Doctoral Programme

Maria Leonor Martins Ribeiro Modesto
Edgar Weissenberger

Eileen Power Memorial Studentship
Timothy William Keirn

THE LSE 1980s FUND

The LSE 1980s Fund Undergraduate Scholarship
Yuen Kiow Yip Hoi Yen

The LSE 1980s Fund Graduate Studentship
David Klausner

American Friends of LSE Awards

Jan Cherim
Bill Myron Eryasian
Eric Louis Hirsch
William Kimble King
Robert Tsung Kuo
Helen Louise Dean Moorman
Richard Lawrence O'Meara
William Van Vugt
Michael David Yaffee

Barclay Studentship
Ammiel Hirsch

Baxter-Edey Awards
John Cheung Yiu Leung
Marianne Ruth Kendall

Siew Fong Chan
Check Kian Low
Yau Shing Vincent Kwong
Tajamul Hussain
George Dimitriou

Noel Buxton Awards
Andrew Steven Ladley
Vincent Viban Ngo

Lauchlin Currie Studentship
Mauricio Cabrera Galvis

W. G. Hart Bursary
Felix Yoram Danziger

Japan Air Lines Travel Awards
Peter Cheong Yan Au-Yang
Gillian Elizabeth Daymond
Lee Il Houng

Kahn-Freund Award
Efthalia Papacosta

Henry Luce Foundation Awards
Eleanor Sin-Yu Cheng
Mak Swee Wah
Chai Seng Ong
Chin Lee Ong
Choon Sam Phoon
Yin Chin Olive Chow
Wai Man Michelle Yim
Peck Kheng Soh
Chew Fook Aun
Chan Yan Teck
Kam Loon Chan

William J. Baumol Studentship
Patrick Bolton

Sir Arthur Lewis Studentship
William Low

Daniel Patrick Moynihan Studentship
Serge George Jeanneau

Harry G. Johnson Studentship
Perry Gandhi Mehrling

Abba P. Lerner Studentship
Joyce Penelope Jacobsen

Edward Shils Studentship
Ravi Arjun Bulchandani

70 Academic Awards

Suntory-Toyota Studentships
Jaime Garcia Villar
Mark Jonathan Hoffman
Hing-Man Leung

The Third World Foundation Undergraduate Scholarship
Annie Ngar Nay Yung

The Third World Foundation Research Award
Canaganayagam Suriyakamuran

(b) Awarded by the University

Madge Waley Joseph Memorial Scholarship
Paula Karen Wheal

Loch Exhibitions
Enssieh Farzim
Keith Alfred Jacobs

Metcalf Studentship
Anne Louise Martin } Joint
Farida Sheriff } Award

Metcalf Scholarship
Juliana Pauline Almeida } Joint
Elena Rosa Mauro } Award

Prizes Awarded in 1983

(a) Awarded by the School

Allyn Young Prize
Andrew John Crawford Clarke

Arthur Andersen Prizes
Victor John Haghani
Philip Haydn Turner

Bassett Memorial Prize in Trade Union Studies
Matthew Campbell } Joint
Manek Harris Dubash } Award

Coopers and Lybrand Prizes
Mark Philip Inzani
Atul Keshavji Shah

Deloitte Haskins + Sells Prizes
Andrew Mark Levene
Jeremy Nussbaum

Ely Devons Prizes
Perry Gandhi Mehrling } Joint
Franco Peracchi } Award
Peter David Grant

William Farr Prize
Raymond Joseph Benitez

Morris Finer Memorial Prize in Law
Susan Ann Russell

Firth Awards
Thomas Paul Gibson
David Mark Lan

Maurice Freedman Prize
David William Simms

Gonner Prize
Anindya Banerjee

Gourgey Essay Prize
Angus Sinclair Meiklejohn } Joint
Thomas John Stephens } Award

Jessy Mair Cup for Music
Ellen Ragnhild Sweet-Escott

Maxwell Law Prize
Maria Juana Da Cunha Da Silva } Joint
Penelope Jacqueline Anne Lewis } Award
Nicola Clare Namdjou

Mostyn Lloyd Prize
Teresa Ann Hinton

George and Hilda Ormsby Prizes Undergraduate
Angela Mary Sinclair
Simon Lansley

Hughes Parry Prize
Lai Chin Look, Eugene Paul

Peats Prizes
Mohamed Azman Bin Yahya } Joint
Demetrios Nicolaou Kouselinis } Award

Gilbert Ponsonby Memorial Prizes
Anindya Banerjee
Jonathan Marcus Ireland

Premchand Prize
Paul James Jackson

71 Academic Awards

Raynes Undergraduate Prize
Katarina Elisabeth Sarlvik

School Prize for Mathematicians
Oliver Bruce Linton

Norman Sosnow Travel Scholarships
Jan Cecilia Savage
Susan Young

(b) Awarded by the University

Sir Edward Stern Prize
Anindya Banerjee

First Degrees Awarded 1983

B.Sc. (Economics) Final Examination

Honours

Special Subject:
Economics, Analytical and Descriptive

FIRST CLASS

Jonathan Marcus Ireland

SECOND CLASS

(Upper Division)

Simon Tatterson Bradbury
Simon Martyn Terry Brayshaw
Michael David Cotterill
Peter John Godfrey
Norman Edwin Hill
Philip Michael Irvine
Jacqueline Hilary Israel
Diane Toh Ying Leong
Bimaljit Singh Sandhu

SECOND CLASS

(Lower Division)

Duncan Philip Brock
Salma Ali El-Yassir
Adam Philip Holmes
Anthony Thomas Kearney
Nawaporn Maharagkaga
Silvia Maura Rodrigues Pereira
Jonathan Martin Stokes
John Gerard Thompson
Paul Walker
Annie Ngar Nay Yung

THIRD CLASS

Michael Christopher Hussey
Russell John Newell
Dean Robert Stocks

Special Subject:
**Econometrics and Mathematical
Economics**

FIRST CLASS

Anindya Banerjee
Brenda Sue Cohen

SECOND CLASS

(Upper Division)
Michael Jeremy Dicks
Panayotis Triantafyllides

SECOND CLASS

(Lower Division)
George Taki Christodoulides
Joanne Caroline Holden
Imran Farooq Mian
Ahmed Mohammad

THIRD CLASS

Trixie Elizabeth Carver

PASS

Morteza Aalabaf-Sabaghi

Special Subject:
Monetary Economics

FIRST CLASS

Simon Oliver Thurston Hookway
Paul James Jackson

SECOND CLASS

(Upper Division)
Richard James Antony Amat
Christopher Juan Costain
Jacopo Franzan
Siew Peng Eddie Lee
Caroline Louise McConlough
Richard Pinckard

SECOND CLASS

(Lower Division)
John Ronald Brophy
May Peng Chan
Maxime Chaya
Richard Cresswell
Patricia Anne Cross
Kim Green
Patricia St. John Hepburn
Gregory Patrick Lockton
Christopher Robert McQueen
Christopher Peter Murphy
Stella Nkechi Orakwue
Nigel Anthony Whittaker
Hong Ching Wong

THIRD CLASS

Jonathan Louth
Thillayampalam Parameshwaran

Special Subject:
Industry and Trade

SECOND CLASS

(Upper Division)
Paul Andre Causer
Georgiana Ching Wai Chan
Efymia Christou
Matthew Alan Clark
George Michael Colocassides
Paul Jonathan Davis
Omer Feyzoglu
Kevin Robert Goldberg
Amanda Jane Grantham-Hill
Angelos Sofocli Hadjijoseph
Nayer Hussain
Wendy Joyce Jones
Yogesh Kumar
Despina Kyriakides
Patricia Anne Mackenzie
Julian Richard Madgett
Patricia Anne Marchbank
Eleni Papandreou
Stavros Pavlou
Martin Edward Rapier
Keith Martin Wade
Paul Warren

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Pierre Francois Brais
Peter Jacob Caldwell

Alan Stephen Charlton
Jeremy Christopher Clack
Stephen James Davis
George Hariton Embiricos
Gary Evans
Daniel William Finkelstein
Nicolas Paul Fromings
Ia Demetrios Grammenopoulos
Colin Edward Greenwood
Richard David Hampson
Jeremy Simon Hoare
Hans-Joachim Nikolaus Homm
Anthony Benedict Hugh Hyde
Gillian Mary Jackson
Graham Johnson
Nicholas Stephen Jones
Colin Tse-Ming Koh
Joseph Matarasso
Caroline Susan Nederhoff
Mark Owen Roberts
John Sayas
Christopher Nigel Shaw
Demos Kyriakou Spatharis
Ahmad Nawaz Sukhera
Guillermo Antonio Villaveces
Stuart Nicholas Varney Waterton

THIRD CLASS

Antonio Jose Santos Silva Casanova
Kathryn Rebecca Davies
Jose Maria Ferrer-Bonsoms Millet
Andrew David Gregory
Thomas Francis McLoone
Nasir Majeed
Jan Erik Ness
Richard Patrick O'Connor
Glyndwr Eric Sansom
Peter Selinger
Julien Murray Shepley
Polixeni Zouvelou

PASS

Roger Anthony Foister
William Kieron Handley
Karim Mawji
Irene Palate
Howard Russell Williams

Special Subject:
International Trade and Development

FIRST CLASS

Graeme Alec Robinson

SECOND CLASS

(Upper Division)
Bejoy Dasgupta
Bashir Ahmad Khan
Robert Jerzy Kirk
Christopher John Knight
Michele Maffei
Nicolas Papadopoulos
Guy Patrick Thomas Rigden
Dominic Francis Swords
Patricia Elisabeth Van Dijkhuizen

SECOND CLASS

(Lower Division)
Antony Eamonn Daniel Curran
Timothy James Frampton
Stephen Robert James Holden
Jonathan Martin Michael
Anne Camille Dorothee Moreau
Lauren Gail Munton
Feroz Zia Shaikh
Robert Vartevanian
James Stephen West

THIRD CLASS

Thor Hallgrimur Gudmundsson
David Pumphrey Nes

PASS

Alessandro Massimo Cesari
Marina Parisinou
Michael Dennis Watson

Special Subject:
Economic Institutions and Planning

SECOND CLASS

(Upper Division)
Brian James O'Leary
George Papaconstantinou

SECOND CLASS

(Lower Division)
Helen Ann Davies
Gaurang Ramanlal Naik

**Special Subject:
Accounting and Finance**

FIRST CLASS

Tajamul Hussain
Mark Philip Inzani
Check Kian Low
Atul Keshavji Shah
Vijaykumar Champaklal Thakrar

SECOND CLASS

(Upper Division)

Faridah Abdul Kadir
Denise Nicole Bass
Mark Richard Bayliss
Stephen Andrew Bowen
Colin Xavier Castelino
Kam Loon Chan
Siew Fong Chan
Raj Shekhar Chatterjea
Derek Hong Shing Chow
Hoi-Fat Ah Foo Chung Tun Wong
Noel Gerald D'Cruz
Georgios Demetriou
Wilfred Yiu Ming Kam
Shu Shum Lai
Pankaj Lakhani
Andrew Mark Levene
Maria Costa Leventi
Kenneth Sui Wai Lo
Jatin Shantilal Malde
Panayiotis Malekos
Jeremy Nussbaum
Rona Sian Teague Searle
Timothy James Shacklock
Mayurkumar Velji Devji Shah
Neten Shah
Ian Victor Smart
Henry Hon Leung Tai
Tang Ching Hua
George Martin Trusler
Edwina Jane Wilson
Mei Yee Joan Wong

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David John Atkinson
Stephen Baines
Danuta Anna Buczkowska
David Wing Yun Chan
Deepak Chaudhry
Julian Gavril Cohen
Kavita Daftary

Susan Drewitt
Erik David Ian Ehnimb
Norman Edward Elliott
Deborah Lynne Flint
Mark Philip Fontaine
Michael Paul Daniel Gemson
Seniwaty Hardjono
Dinesh Joshi
William Kelly
Bipin Kotecha
Wing Kwai Lau
Audrey How Yee Leong
David Gary Levy
Jonathan Charles Lloyd
Tracy Lloyd
Richard Manson
Sukesh Chander Mayor
Graham Weston Middlemass
Sumail Narula
Hon Wah Ng
Kieron John O'Connor
Dipenkumar Patel
Ketan Jagdishbhai Patel
Rajesh Rasikbhai Patel
William Edward Rayment
Martin Jeremy Reich
David John Rowe
Ian Schneider
Bakul Ramji Punja Shah
Bhupesh Shah
Vinay Kanji Shah
Harry St. John Cooper
Seiya Takahashi
David Anthony Viana
Ching Tat Wong
Fei Hong Wong
Jane Mary Woodhouse
Sau Ho Wu
Michelle Wai Man Yim

THIRD CLASS

Jovito Noel Agnelo Jacinto Athaide
Roy Walter McIntosh Coles
Gareth Clement Davies
Shahid Hameed
Monica Michaelides
Peter John Savage
Nicholas Simon Winters
Terese Wong

PASS

William Hugh Jack
Oscar Massimo Mancini

David Simon McCracken
Adrian Isaac Pollock
Lindsey Frances Roffey

**Special Subject:
Economic History**

SECOND CLASS

(Upper Division)

Richard Stephen Beckett
Michael Norman Beesley
Alan Frederick Cox
Rhys Herbert
Timothy John Horsey
Catherine Jane Napier
Sandra Jane Thompson

SECOND CLASS

(Lower Division)

Kimberlee Ann Chapman
Thomasina Ann Ellmers
Kenneth Arthur Fowler
Simon Frank Garfield
Seton Warwick Miles Kendrick
Laura Elizabeth Slater
Susan Ann White

**Special Subject:
Government**

SECOND CLASS

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Owen Maurice Bennett-Jones
Andre Brown
Margaret Elizabeth Cameron-Waller
Andrew Gary Carter
Elaine Sarah Maeve Daniels
Martin Augustine Doherty
Simon Nicholas Hall
Linden Harris
Stephen Arthur Johnson
Mark Anthony Jordan
John Kitsis
Adrian Christopher Lam
Stephen James Lehane
Paul David John Marshall
Jonathan Nicholas Prigg
Tracey Rayner-Smith
Richard Hamilton Spencer
Panayiotis Tillirou
Richard Alan Wilding

SECOND CLASS

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Jennifer Eileen Beeston
Phillip Robert Blundell
Tsz Ying Cheng
Guy John Eastwood
Ronald Guy Fensome
Charles Edward Hefford
Keir Hopley
Petar Malic
Richard Henry Mann
Charles Wynn Mathias
Julian Craig Tinworth Milner
Alun David Morgan
Stephen Fraser Muggerridge
Nicholas Rupert Andrew Newman
Christopher Sebastian Herbert
Howard Robinson
Anne Elizabeth Ryan
Robert Andrew Salenius
Purna Sen
Michael Tinkler

THIRD CLASS

Geoffrey Peter Ellis

**Special Subject:
Sociology**

SECOND CLASS

(Upper Division)

Paul Adam Horobin
Darren Bruce Iversen
Ka Fung Tang
Nicholas Mark Verity
Gareth Williams

SECOND CLASS

(Lower Division)

Kathleen Elizabeth Game
Sabita Kumari
Ursula Laube
Richard Shone

**Special Subject:
Statistics**

SECOND CLASS

(Lower Division)

Amish Jayantilal Desai
Therese Florise Jocelyne Martin

**Special Subject:
Computing**

FIRST CLASS

Raymond Joseph Benitez
Teresa Ruth Dyble
Bryan Douglas Richter

SECOND CLASS

(Upper Division)

Helen Barnes
Pamela Kay Taylor

SECOND CLASS

(Lower Division)

Ingrid Christine Girard
Elizabeth Anne Kennedy
Stuart John Lunn
Teresa Jane Maybury
Jonathan Dudley O'Neill
Tam Lai Yuen

THIRD CLASS

Suat Mee Cheah

PASS

Li Yuen Kam

**Special Subject:
International Relations**

SECOND CLASS

(Upper Division)

Christopher Thomas Brown
Bruce Conrad Carr
Alvaro Fernando De La Riva
Guzman de Frutos
Joan Suzanne Donaghey
Basirou Garba-Jahumpa
Michael Charles Gill
Jonathan Philip Guy
Lesley Sharon Hoggart
John Elliott Hooper
Stacey Alison King
Kirsty Lang
Joel Douglas Levy
David Matthews
Paul Edward Meadows
Malcolm John Simpson
Nicholas Robin Tuck

John Derek Wareham
John Daniel Webster
Christopher John Williams

SECOND CLASS

(Lower Division)

Opunimi Orikaba Ajumogobia
Alexandre Jorge Borges Gomes
Timothy David Brown
Vivienne Kim Noi Chin
Stephen Colclough
Alexander William Galletly Gonzalez
Finn

Andrew Michael Garrett
Patrick Joseph Geraghty
Tracy Louise Mitchell
Richard William Parrack
Nikolas Radisic
Kulvijay Rathour
Ivan Robert James Rudd
Christopher James Saltrese
Miranda Jane Taylor
Alison Clare Thomas
Patrick Hugh Thompson
William Steven Thompson
Randi Mette Tonnesen
Arthur Victor Rudland Wood

THIRD CLASS

Peter Gerard Duffy
Beate Mellmann

**Special Subject:
International History**

SECOND CLASS

(Upper Division)

Steven Mark Barber
Carolyn Alison Barton
Colin Bates
Elizabeth Mary Dunne
Suleiman Khalid-Hassan El Khalidi
Julian Roger Heaton
Robert Bruce Hedley
Andrew John Holmes
Shaun Harold Samuel Horton
Sarah Jane Angharad Jones
Martin John Last
Janice Mary Leist
Nicholas Peter Andrew Vickers
Mark Anthony Walker
Rosemary Anne Whitehouse

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Marion Simone Batten
Margaret Annette Cullen
Eva Anna Godyn
Andrew Stephen Hunt
Margaret Nice

**Special Subject:
Geography**

SECOND CLASS

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Barbara Anne Finch
Martyn Richard Foard
Michael Stuart Gordon

SECOND CLASS

(Lower Division)

Simon William Beesley

**Special Subject:
Philosophy**

FIRST CLASS

Christopher Howard Henry West

SECOND CLASS

(Upper Division)

Ma'ad Nigel Bahjat Kotani
Bernard Paul Thomson

SECOND CLASS

(Lower Division)

Frances Theresa Gillon

THIRD CLASS

Ian David Simpson

**Special Subject:
Government and History**

FIRST CLASS

Lucy Jane Riall
Katarina Elisabeth Sarlvik

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Julia Isabel Clayton
Tamsin Cottis
John Andrew Craib
Helen Fawcett
Nicholas James Fernyhough
Mark Gareth Halliwell
Andrew John Harbourne
Pamela Elaine Hines
David Hollands
Christopher Kenneth Johnstone
Karen Elizabeth McColl
Christopher William Pate
Ellen Ragnhild Sweet-Escott
Mark Thompson
Lesley Clarice Trowell
Justin Oliver Webb
Stephanie Geraldine Whitehead
Elaine Williams

SECOND CLASS

(Lower Division)

Timothy Dalton Binns
Antonia Patricia Camp
John Anthony Carroll
Julian David Geoffrey Dean
Kathryn Vivienne Hiddleston
Claire Therese Kennard
Geoffrey Richard Long
Ian Peter Poulton
Judith Campbell Rich
Anne Marie Christine Wall

**Special Subject:
Economics and Economic History**

SECOND CLASS

(Upper Division)

Julian David Abel
David Guy Biddle
Jonathan Andrew Hodgkin

SECOND CLASS

(Lower Division)

Stuart Evans
Sarosh Charles Unvala
Alan John Wallace

**Special Subject:
Philosophy and Economics**

SECOND CLASS

(Upper Division)

Thomas Brinley Howells

**Special Subject:
Economic History and Sociology**

PASS

Simon Fraser Grosset

**Special Subject:
Russian Government, History and
Language**

SECOND CLASS

(Upper Division)

Cassandra Marlin Balchin

**Special Subject:
Social Policy**

SECOND CLASS

(Upper Division)

Richard Kenneth Blundel
Christine Marie Susan
Sarson-Gale

SECOND CLASS

(Lower Division)

Anthony Barrett
Sau-Lin Man

**Special Subject:
Population Studies**

SECOND CLASS

(Upper Division)

Alistair David Smith

SECOND CLASS

(Lower Division)

William James Acres
Benjamin Paul Grainger
Mary Fiona Hazard
Alastair Macpherson

**Special Subject:
Industrial Relations**

SECOND CLASS

(Upper Division)

Peter Freire
Mark Stephen Lancaster
David Neil Millan

THIRD CLASS

Ronald Anthony Kane

B.A. Honours in History

Branch II

FIRST CLASS

Emily Elizabeth Matthews

SECOND CLASS

(Upper Division)

Alasdair Sidney Walter James
Anderson
Jennifer Elliott
Beryl Foster
Shashi Ruby Gupta
Ian Alistair Manson
Susan Caroline Mathews
Charles Daniel Olins
Pauline Sowry
Andrew John Stefaniszyn
Eric John Sultan
Christina Tritton
Steven Henry Ward

SECOND CLASS

(Lower Division)

Jacqueline Pauline Ella Conolly
Peter James Element
Yasmin Faruque
Richard Andrew Hunter
Henriette Lambertine Ter Haar
Julie Wilkes

THIRD CLASS

Julian Egon Astor
Elissa Rabinowitz

PASS

Julie Ilse Erika Siemens

LL.B. Final Examination

SECOND CLASS

(Upper Division)

Anjali Gurmukh Asnanee
Tyrone Belger
Sanjay Bhuckory
Jonathan David Bor
Dominic Edward Carolan
Chi Hung Chan
Chan Hock Sen
Chee Kian Christopher Chuah
Elizabeth Ann Crawford
Karen Nicola Davies
Kerry Denise Glanville
Julian Charles Glatt
Piers Alexandra Hilliard
Vishvas Kanji
Anne Kung Soo Ching
Rosemary Siu Mei Lau
Inn Hui Lim
Michele Hsi-Yen Lim
Peter Miklos Edmund Magyar
Mehmood Yusuf Mandviwalla
Hermes Marangos
Fatma Emin Mehmet
Nitin Vasant Nadkarni
Nora Wai Yee Ng
Maira Elizabeth Ann O'Hara
Chin Lee Ong
Shantini Andrea Petrus
Jane Powell
Jeremy Richard Schrire
Nigel Robert Simpson
Shelagh Patricia Slade
Rachel Elizabeth Smith
Hugh John Anthony Somers
David Frederick Stevens
Anna Theodorides
Mehul Kunjbihari Trivedi

SECOND CLASS

(Lower Division)

Ron Vitaly Alalouff
Alec Ross Anderson
Sylvia Ewudzi Arthur
Richard Gboyega Asabia
Sunita Babbar
Uma Bhardwaj
Danny Boodhna
Christopher Leslie Burnley-Jones
Kenneth Anayochi Chikere
Tsz Leung Julian Chung
Howard Paul Cohen

79 Academic Awards: Degrees

David Jeremy Courtenay-Stamp

Lynn Cousins
Robert Gerard Diepstraten
Nicholas Charles Edmondes
Judith Claire Fishman
William Thomas Gibbons
Patricia Elizabeth Godfrey
Anthony Edward Greer
Teresa Margaret Grimer
Christiana Veronica Hayward
Ammiel Hirsch
Pryderi Hughes-Roberts
Ashley Jonathan Israel
Marcus Andrew John
Bronwen Alice Jones
Jayesh Kothari
Sunil Lakhani
Wai Yuen Darin Leung
Kim Heng Lim
Michael Swee Long Liu
Peony Lye
Alison Rachel Marks
Linda Motta
Clifford Alfred Parker
Krishna Hame Nauth Persaud
Peter Charles Randall
David Llewellyn Roberts
Jeffery Roberts
Helen Joy Lawson Sharrock
Lucian John Simmons
Jaspal Singh
Nicholas Charles Mark Smith
Brenda Jean Sprung
Lisa Yvonne Thatcher
Lee Moon Tye
Kwok Tung Daniel Wong
Randall Irwin Eugene Worrell
Syed Ali Zafar

THIRD CLASS

Haylee Fiona O'Brien
Nadya Karen Denise Rambally
Gregory Peter Shewchuk

B.A. French Studies

FIRST CLASS

Louise Alison Haffner
Promchit Rinthakul

SECOND CLASS

(Upper Division)

Isabella Bufacchi

Joanna Elizabeth Davidson
Elizabeth Easton
Nicola Helen Fisher
Julie Kirsten Harrison
Amanda Elizabeth Icton
Michele Elaine Saady
Michael Robert Woodruff

SECOND CLASS

(Lower Division)
Renuka Anne George
Severine Josephine Hamilton
Patricia Moloney

THIRD CLASS

Jeremy Michael Spencer

**B.Sc. Main Field
Actuarial Science**

FIRST CLASS

Georghios Zeniou Pirishi

SECOND CLASS

(Upper Division)
Daniel Amini
Sok Wah Lee

SECOND CLASS

(Lower Division)
Ghaneswaree Bhoojedhur
Yiu Hing Cheung
Fung Shuk Yun
Aris Bin Murad
Francis Owusu
Howard Mitchell Sandler

THIRD CLASS

Boomah Devi Dhaliyah
Constantinos Malekos
Simon Barry Talbot

**B.Sc. Main Field Actuarial
Science and Statistics**

SECOND CLASS

(Upper Division)
Amanda Barbara Dymant
Yuen Kiow Yip Hoi Yen

B.Sc. Main Field Computing

SECOND CLASS

(Upper Division)
Kevin Philip Aston
Gary Alan Spiro

SECOND CLASS

(Lower Division)
Asoka Haryanto
Meena Samani

THIRD CLASS

Susila Devi Muttucumaru
Tan Kheng Hun

B.Sc. Main Field Mathematics

FIRST CLASS

Oliver Bruce Linton

SECOND CLASS

(Upper Division)
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Kevin John Palmer

SECOND CLASS

(Lower Division)
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William Michael Henry Dean

**B.Sc. Main Field Mathematics
and Computing**

SECOND CLASS

(Upper Division)
Charlotte Ann Pennington

**B.Sc. Main Field Mathematics
and Statistics**

SECOND CLASS

(Lower Division)
Karen Guthrie

B.Sc. Main Field Statistics

SECOND CLASS

(Lower Division)
Theresa Elizabeth Cockman
Anna Olia Papacosta

B.A. Main Field Geography

SECOND CLASS

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Bridget Mary Hedges
Teresa Mary Lambert
David Edward Lomax
David Edward Moss
Angela Mary Sinclair
Tracy Susanne Wiggins

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(Lower Division)
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Bryan Moritz Cockcroft
Stephen Frank Davies
Erica Francoise Fowler
Christopher James Dugald MacColl
Timothy Quarton Ramsdale

B.Sc. Main Field Geography

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Jonathan Gavin Hunter
Simon Lansley
Gerard Francis Pearson
Gail Zena Turner
John Harry Robert Walker
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Steven Frederick Calland-Scoble
Timothy George Fussell
Martin Kersey
Mary Catherine Maternowski
Peter James Sullivan

THIRD CLASS

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Sarah Margaret Hughes
Carol-Ann Wooldridge

**B.Sc. Main Field
Management Sciences**

FIRST CLASS

Nitesh Ratilal Shah

SECOND CLASS

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Allyson Jane Harris
Szu Hsun Susan Hwang
Siew Keong Mah
Jacobus Adrianus Johannes Steffens

SECOND CLASS

(Lower Division)
Philip Daren Anthony
Mark Thomas Astall
Giovanni Gaetano Chiampesan
David John Knapp
Chao Seong Leong
Tak Kwong Lo
Simon Richard Munn
Adrienne Kin Wah Ng
Jo Wah Tong

THIRD CLASS

Prodomes Adamou
Joseph Louis Carmelo Caruana
Thomas Alexander Hamer
Costas Andreou Joannou
Ping Hok Lo
Nicholas Gordon Tompsett Newington
Mustafa Ahmet Rashid
Hok Chi Sandro Sze
Adel Zard Zard

**B.Sc. Main Field Mathematics
and Philosophy**

SECOND CLASS

(Upper Division)
Annette Michelle Stark

SECOND CLASS

(Lower Division)
Frances-Clare Crowe

**B.A. Main Field Social
Anthropology**

FIRST CLASS

Christine Ann McCourt

SECOND CLASS

(Upper Division)
Lisa Thompson
Rachel Jane Underhill

SECOND CLASS

(Lower Division)
George Arabanos
Champa Maynard

**B.Sc. Main Field Social
Anthropology**

FIRST CLASS

Judy Catherine Hawksley

SECOND CLASS

(Upper Division)
George Nathan Gross
David William Simms
Helen Tomkins

SECOND CLASS

(Lower Division)
Teresa Ellen Sarah Basquill
Mary Coffey
Inocenta Agueda Ewart
Eva-Gabriella Joanna Koos
Anita Joan Ryland
Algin Saydar
Lannis Peta Wainstein

THIRD CLASS

Jennifer Elizabeth Dudley
David Charles Hannay

**B.A. Main Field Social Anthropology
and Mediaeval History**

SECOND CLASS

(Upper Division)
Sarah Ann Lloyd

B.Sc. Main Field Social Psychology

FIRST CLASS

Kathryn Claire Hills

SECOND CLASS

(Upper Division)
Christine Danae Baker
Gillian Blair
Anthony Vernon Comben
Lorna Victoria Theresa Cordwell
Gaynor Louise Day
Penelope Anne Holding
Claire Briget Hyde
Amanda Helen I'Anson
Michael Edward William Law
Susan Anne McKechnie
Paul Morgan
John Mervyn Patterson
Nguyen Song Yen Quy
Steven Paul Stockton
Michael Barry Thomas

SECOND CLASS

(Lower Division)
Andrew Duncan Johnston
Simon Charles Lang
Teresa Maria Raszpla

PASS

Derry Murphy

B.Sc. Main Field Sociology

SECOND CLASS

(Upper Division)
Luciana Ballini
Barry James Christie
Graham Dye
Janet Ann Foster
Anthony Fuller
Nigel Christopher John Havelock

Diana Hoffmann
Mary Anne Isaaks
Rosemary Elizabeth Mavis Leach
Marian Dorothy MacDonell
Anne Martin
Linda Frances Newman
John Henry Newton
Wendy Ann Sim
Mark John Thomson
Elizabeth Jane Welsby

SECOND CLASS

(Lower Division)
Ian Thomas Appleton
Kofi Dwinfour
Jane Margaret Geake
Linda Hamill
Robert John Gowran Jones
Thomas Niels Orchard
Inderjeet Singh Parmar
Catryna Ann Marguerita Sheehan
Chandrakant Tank
Amanda Verma

THIRD CLASS

Jane Ann Franklin

**B.Sc. Social Science and
Administration**

SECOND CLASS

(Upper Division)
Jennifer Elizabeth Braidwood
Pearl Holmes Brown
Kathleen Mary Denman
Elizabeth Ann Gentry
Deborah Anne Grant
Virginia Jane Hunt
Tessa Shelley Ingram
Anthony Roger Martin
Mary McMillen
Linda Ann Smith
Ivan Mark Western
Aidan Richard Clive Worsley

SECOND CLASS

(Lower Division)
Linda Cheryl Acton
Sharon Marie Hotchen
Bernadette Ann Keenan
Sharon Esther Miller

Leona Margaret Raphael
Bina Shamdasani
Karran Sheila Stroud
Stephen Dominic Woodhouse

THIRD CLASS

Ann Runyararo Unesu Naik

**Higher Degrees Awarded
1982-83**

M.Sc. 1982-83

Abdul Rahman Bin Ramly
Nicola Ann Abel
Kwame Abowaah-Prempeh
Abir Abulhasan
Bradford Moseley Adams
Ahmad Zawawi Bin Abdul Aziz
Shewarkabesh Akeberg
Platon Akestoridis
Sigismund Olawapo Arinde Akin
Bulumo
Itzhak Aknin
Soterios Andreas Alambritis
Isaac Olubayo Alamu
Naznin Alibhai
Pablo Allende Villanueva
Ubaiy Bader Anani
*Javier Andres Domingo
Jill Elizabeth Andrew
Bruna Angel
Michael Antoniadis
*Ricardo Cesar Aparicio-Jimenez
Orakwue Bay Arinze
Dia Theohari Aristodemou
Sotero Arizu
Androniki Aroni
Emary Carlaine Aronson
Jane Elizabeth Ashley
Ayudh Athakravi
Hiro Athanassiou
Cheong Yan Peter Au-Yang
Israel Auerbach
Legesse Ayane Senbeta
Carlos Ayon
Richard Low Babson
Helen Margaret Bailyes
Kevin Alexanderson Baldrige

*Mark of Distinction awarded

Kevin Brian Bales
 Anand Banerjee
 Marina Bastianello
 Jayne Ellen Battey
 Christopher Mark Battey
 Jamil Baz
 Rita Man-Kiu Beeby
 Hancerode Kumar Beeputh
 Loredana Nyasa Beretta
 Stefania Berla
 Marie Edwina Carolina Berry
 Elisabetta Bertero
 *Pamela Leslie Howie Beshoff
 Vijay Bhushan
 Thomas James Bickford
 Edward Arthur Binge
 David William Black
 Paul Conrow Blackburn
 Christopher Stuart Blakeley
 Thirza Lucy Bloice
 Kevin Anthony Boakes
 David George Boal
 Catherine Boch
 Edith Rigmor Boehler
 Patrick Bolton
 Paul Anders Borchersen
 Dennis Bordessa
 Amy Borrus
 Nuno Boullosa Contreras De Oliveira
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 Enis User
 Denis Philip Van Mechelen
 Nicholas Zafiris
 Ellen Faith Zatz

Diplomas (Awarded by the University of London) 1983

Diploma in International Law

Kelara Anthony
 Allaoua Layeb

Diploma in Law

Marleny Alicia Molina
 Zheng Chengsi

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Diploma in Accounting and Finance

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††Diploma obtained with Merit

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Diploma in Statistics

Yurlanda Yan Yan Chan
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 Yvonne McKenzie Osprey

Diploma in Systems Analysis

Pey Bin Ng

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†††Diploma obtained with Distinction

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The School is a centre for research and teaching in the social sciences but because of the binary system under which university research is financed, research by teachers at the School is made possible in different ways:

- (a) Much of the research done at the School is carried out by individual members of the staff and receives no support apart from that given indirectly by the School in the form of library, computational and other facilities, and directly in the form of the strictly limited support provided by the School's Staff Research Fund which covers, where possible, expenses of research assistance, travel and field work and usually comprises between £40,000 and £70,000 in any one year. The Fund is disbursed by a School Committee of the same name to the School's Departments which are grouped together for the purpose into seven "Research Divisions". The secretaries of these Divisions are Dr. C. R. Bean (Economics), Dr. N. A. Spence (Geography/Anthropology), Dr. H. Machin (Government), Dr. A. B. Polonsky (International Studies), Dr. D. A. Chaikin (Legal), Mrs. D. Irving (Social) and Mr. D. W. Balmer (Statistics) (Statistics).
- (b) This 'floor' of research support which the University Grants Committee expects the School to provide is supplemented by support from outside sources for some 50 major research projects in the School. This support comes to a large extent from the Research Councils, notably the Economic and Social Research Council, as well as from Government Departments, and foundations such as Nuffield and Leverhulme. The School's Research Committee oversees in general and in the case of particular projects, the conduct of the responsibilities which the School undertakes in accepting this level of outside help for its research.

Centre for International Studies

The Centre for International Studies was established as an enterprise in interdepartmental collaboration in 1967 with the aid of a five year grant from the Ford Foundation. Its prime purpose has been to encourage individual research to a large extent with a regional focus. Soviet and Chinese studies were encouraged at the outset but the range of interests has been extended to cover a number of regions including the Middle East and Europe. The Centre assumes administrative responsibility for an interdisciplinary Masters degree in European Studies which has attracted increasing demand.

The Centre is administered by a Steering Committee on which sit members of the Departments of Economics, Law, Government, International Relations and International History. This committee assumes responsibility for recommending the appointment of up to six Visiting Fellows annually from home and abroad. Visiting Fellows are given desk space for a minimum of one term without emolument but with access to the library facilities of the School and the University of London as well as membership of the Senior Common Room. The Fellows are lodged in a majestic oak-panelled room with six alcoves which was part of the School's former library. Although no formal obligations are imposed on Visiting Fellows they are expected to play some part in the intellectual life of the School especially through guest lectures and seminars. In 1983/4 the following Fellows were appointed: Mr. Q. V. S. Bach (ex. M.O.D.); Professor G. Best (ex. University of Sussex); Dr. Rita Cruise O'Brien (ex. University of Sussex); Mr. J. Davidson (ex. F.C.O.); Dr. D. Naveh (Ben Gurion University); Professor Lamond Tullis (Brigham Young University).

The Centre sponsors a monograph series in the field of International Studies published by the Cambridge University Press. The titles published during the current

year have been: Paul Buteux, *The Politics of Nuclear Consultation in NATO, 1954-1980*; P. Papastratis, *British Policy towards Greece during The Second World War 1941-1944* and Robert Litwak, *Detente and The Nixon Doctrine; American Foreign Policy and The Pursuit of Stability 1969-1976*.

Associated with the Centre is the journal *Survey* which deals with East-West issues and which came into a special relationship with the School in 1976.

The Centre's Steering Committee consists of Dr. M. Leifer (Chairman, Professor R. Higgins, Professor G. Ionescu, Mr. L. Labeledz (Editor, *Survey*), Dr. P. H. Lyon, Dr. H. Machin, Mr. J. B. L. Mayall, Professor I. H. Nish, Dr. A. B. Polonsky, Mr. P. Reddaway, Dr. A. Sked, Dr. G. R. Smith, Mr. G. H. Stern, Mr. M. D. Steuer, Professor S. Strange, Dr. P. G. Taylor, Professor D. C. Watt, Professor P. J. de la F. Wiles, Mr. P. Windsor.

Business History Unit (Lionel Robbins Building, 10 Portugal Street, London WC2A 2HD)

The Unit has been set up by the School and the Imperial College of Science and Technology to fill an important gap in the historical field, that is the history of business, including technological aspects. The early years of the Unit will be financed by a private appeal which was launched by the two colleges and to which a number of members of the business community have subscribed. Professor Leslie Hannah, its Director, began work in the latter half of 1978 on planning the Unit's activities, and subsequent appointments include Dr. Geoffrey Jones as Lecturer researching on a project on multinational corporations and banking; Dr. Jonathan Liebenau as Research Officer on a project on patents and new technology; Dr. Richard Davenport-Hines as Research Officer on a project on the pharmaceutical industry; Ms. Eve Mason as the Unit's Administrative Secretary; Dr. D. J. Jeremy as editor of the Dictionary of Business Biography and Ms. Christine Shaw and Ms Margaret Kiely as research assistants on the DBB; and Ms. Sarah Silcox and Mr. Hugh Woolhouse as research assistants on a project on the history of occupational pensions. Academic visitors to the Unit include Dr. W. J. Reader (working on teaching materials in business history), Dr. H. F. Gospel (on management-industry relations) and Sir Arthur Knight (on government-industry relations).

The financial management of the Unit is in the hands of a Steering Committee on which the School, Imperial College and business are represented. Its members are: Professor R. G. Dahrendorf (Chairman), Professor T. C. Barker (LSE), Mr. M. Caine (Booker McConnell), Rt. Hon. E. Dell (Channel Four Television), Mr. K. Dixon (Rowntree MacIntosh), Sir Arthur Knight, Sir Peter Parker (Chairman, British Rail), Sir Antony Part (Vice-Chairman of the Court of Governors, LSE), Sir Alastair Pilkington (Pilkington Bros. Ltd), Professor Z. A. Silberston (Imperial College).

Academic guidance and support is provided by an Academic Management Committee consisting of: Professor T. C. Barker (LSE), Professor S. G. Checkland (Glasgow), Professor D. C. Coleman (Cambridge), Professor S. Dev, Professor H. C. Edey (LSE), Professor Sir Douglas Hague (Oxford Management Centre), Professor L. Hannah, Sir Arthur Knight (Dunlop), Professor F. F. Land (LSE), Professor D. G. MacRae (LSE), Sir Alastair Pilkington (The Chloride Group), Professor L. S. Pressnell (Kent), Professor D. G. Reader, Professor B. C. Roberts (LSE), Professor Z. A. Silberston (Imperial College), Professor Charles Wilson (Cambridge).

International Centre for Economics and Related Disciplines

The Foundation for Economic Research at L.S.E., popularly called the Suntory-Toyota Foundation, was established in 1978 on the basis of funds donated by Suntory Ltd., and the Toyota Motor Company Limited of Japan. The International Centre for Economics and Related Disciplines was established at the same time and is financially supported by the income arising to the Foundation.

The Centre finances a wide variety of research by members of the School staff, both inside and outside the Centre. The areas of recent research include the economic

history of Japan, pensions policy in France, bargaining theory, the British General Election of 1983, monetary aspects of the British economy, Soviet military aid, the econometrics of panel data, homelessness in London, and unemployment among school leavers. The Centre circulates several series of discussion papers and other publications. In 1981, it initiated a series of Occasional Papers.

The Centre issues invitations to distinguished visitors from all over the world welcoming them to participate in the academic life of the School and the University.

The Centre has initiated a series of public lectures — The L.S.E. Suntory-Toyota Lectures — under the direction of the I.C.E.R.D. Lectures Committee. A Workshop in Theoretical Economics is conducted by economists and mathematicians. A variety of other seminars are held under the auspices of the Centre.

The Centre gives three scholarships for research degree students. These are called the Suntory-Toyota Studentships.

The work of the Centre is directed by a Steering Committee consisting of: The Director, the Pro-Director, the Convenor of the Economics Department, the Chairman of the School's Research Committee and Professor A. B. Atkinson, Professor K. Binmore, Professor B. V. Carsberg, Professor W. R. Cornish, Professor R. M. Farr, Professor L. Hannah, Dr. M. Leifer, Professor M. Morishima, Professor I. H. Nish, Dr. T. J. Nossiter, Professor J. D. Sargan, Professor K. E. Thurley and Professor B. S. Yamey.

A small Planning Sub-Committee consisting of Professors Atkinson, Carsberg, Morishima, Dr. Nossiter, Professors Thurley and Yamey meets regularly to consider applications to the Centre for support for research.

Decision Analysis Unit

Understanding and aiding human decision making continues to be the main aim of the Unit. Our research is conducted in collaboration with government, commerce and industry for clients who have real and immediate decision problems. Our approach is to use decision theory, and its associated technology, decision analysis, to provide a framework for building models that capture the expertise of the various problem owners and help to solve the problem. In 1983, these problems involved the assessment of risk, new venture decisions, strategic planning, resource allocation and evaluation of the performance of business units.

Specifically, sponsored work in 1983 included the development of

- models of human error probabilities in the operation of nuclear power stations,
- a decisions model that will allow a company to determine how best to bring potential products from the R & D stage to self-supporting businesses,
- an evaluation model that helped a company to determine its strategic direction over the next 10 years,
- a resource-allocation model that will aid a company in deciding how much money to spend advertising each of its products,
- intelligent knowledge-based systems for insurance underwritings, and
- an evaluation model that helps a company to compare the performance of its various subsidiaries.

Current research includes projects investigating

- why people get 'locked in' to hypotheses or courses of actions that are no longer appropriate,
- the circumstances under which human judgement can be used effectively in decision making,
- differences in knowledge representation required of decision support systems at different levels in the organisation,
- the nature of career decisions, how pre-decisional processes can be modelled, and how these processes can change over time, and
- a theory of requisite decision models.

Several organisations took advantage of the Unit's rapid problem-solving service, decision conferencing. The stakeholders in a problem facing an organisation come to the Unit for an intensive two-day problem solving session that uses decision technology, assisted by one-the-spot computer modelling, to generate a socially-shared representation of the problem which often leads to a solution. During 1983, decision conferences were often focussed on strategic planning with the result that substantial financial and human resources have now been allocated more effectively by several companies.

The Unit continues to make available, through the provision of end-user licences, software developed in the course of project work. Four programmes are currently available:

- MAUD, a very flexible and user-friendly system that helps people to clarify their objectives and to choose among options.
- OPCOM, a decision support package that enables a user already familiar with decision analysis to build a decision tree model that accommodates multiple objectives.
- SELSTRA, an interactive system for the hierarchical structuring of evaluation criteria, starting with a pre-structured 'core' hierarchy relevant to the problem at hand.
- IMAS, a comprehensive system for cause-consequence modelling that can include indicators of unobservable events, that facilitates assessment of conditional probabilities and that calculates probabilities of target events.

During 1983, the Unit's work was supported by contracts with Commercial Union Assurance Company, Mars Confectionary, British Oxygen Company, Lucas Research Centre, International Computers Ltd, Human Reliability Associates and the Ministry of Defence.

ESRC Centre in Economic Computing

The ESRC Centre in Economic Computing was established at the School in July 1983, following a five year grant from the Economic and Social Research Council (formerly the Social Science Research Council).

The primary role of the Centre is to provide a general purpose 'package' for management and analysis of economic data which can be used by social scientists, who increasingly have a need to use quantitative methods in research but who may require advice and assistance. An important part of the Centre's effort will be directed towards the establishment of an environment in which the difficulties of programming, verifying and exploiting new techniques are minimised. Additionally the Centre will continually review the availability of software for economists, build up an algorithm library from acquired software, develop and exploit software and implement it where possible. The Centre will offer advisory and consultancy services on the use of software and will provide a data management system which will give access to the major data bases. Documentation, information and bulletins will be widely circulated.

The Centre's clients will include economists in government and public service, business and universities, and it is hoped that many new contacts of this type will be established soon. Liaison with relevant bodies, such as the University of London Computing Service, is intended, and regular seminars will be organised on aspects of the Centre's work and services. Although its principal function is to serve the academic community, it is expected that the Centre will develop a commercial role and eventually become self-supporting.

Dr. Brian Cooper was appointed Director of the Centre in July 1983 and subsequent appointments include Miss Diana Whistler, Dr Russell Lloyd and Mr Frank Srba as Research Officers and Mrs. Rosemary Goodwin as the Centre's Secretary. An appointment to the post of Econometrician/Numerical Analyst has yet to be made. The Centre is comfortably accommodated in offices on the fourth floor of the Lionel Robbins building.

The Management of the Centre is directed by a Steering Committee consisting of: the Pro-Director (Chairman), Professor D. Hendry (Nuffield College), Professor S. J. Nickell (LSE), Professor P. Stocker (East Anglia), Dr. B. Cooper and Professor K. Wallis (Director of the ESRC Macroeconomic Modelling Bureau, Warwick — ex-officio). An Advisory Committee will meet annually to discuss the Centre's overall strategy and monitor its progress.

Great London Group

The Group, formed in 1958 by Professor W. A. Robson who remained its chairman until his death in 1980, consists of about 15 members of the academic staff from several departments of the London School of Economics and Political Science, together with three members from other colleges of London University. The Group was originally formed to give disinterested evidence to the Royal Commission on Local Government in Greater London. The Group's evidence had a considerable influence on the report of the Royal Commission and even more on the reforms carried out by the London Government Act 1963. Since then it has continued to carry out research into a number of subjects relating to local government in London and the south east region. Published results include:

S. K. Ruck, *London Government and the Welfare Services*, Routledge and Kegan Paul, 1963.

S. K. Ruck, *Municipal Entertainment and the Arts in Greater London*, Allen and Unwin, 1965.

Greater London Group, *Local Government in South East England*, Royal Commission on Local Government in England, Research Studies 1, H.M.S.O., 1968.

G. Rhodes, *The Government of London: The Struggle for Reform*, Weidenfeld and Nicolson, 1970.

G. Rhodes (Ed.), *The New Government of London: The First Five Years*, Weidenfeld and Nicolson, 1972.

E. Wistrich, *Local Government Reorganisation: The First Years of Camden*, Camden Borough Council, 1972.

M. F. Collins and T. M. Pharoh, *Transport Organisation in a Great City: The Case of London*, Allen and Unwin, 1974.

The Group has subsequently completed two major research projects. One is an examination of London's labour market with particular reference to the problems of recruitment and retention of staff by large employers in both the public and private sectors of industry. The second is a comparative study of the political process in four London boroughs. Entitled 'Politics and Democracy in Four Selected London Boroughs', it sought to determine what factors influence the policies and resource allocation of the Councils and the methods by which these matters are determined. The Group is currently preparing evidence to submit to the Government on the proposed abolition of the Greater London Council.

To complement the major publications noted above, the Group also published a series of research monographs known as the Greater London Papers (they are listed at the foot of this note). The current office holders are: Acting Chairman: Professor G. W. Jones, Research Secretary: Professor D. R. Diamond, Publications: Dr. M. Hebbert.

PUBLICATIONS

Greater London Papers

1. *Education in Greater London*,* A. V. Judges. 2. *Theories of Local Government*,* W. J. M. Mackenzie. 3. *The Greater London Boroughs*,* W. A. Robson. 4. *Housing in Greater London*,* J. B. Cullingworth. 5. *Health, Welfare and Democracy in Greater London*,* D. V. Donnison. 6. *Transport in Greater London*,* E. Davies. 7. *Town Planning in Greater London*,* P. J. O. Self. 8. *A Metropolis Votes*, L. J. Sharpe. 9. *The Heart of Greater London*, W. A. Robson. 10. *Research in Local Government*, L. J. Sharpe. 11. *Policies and*

Politics in Secondary Education, D. Peschek and J. Brand. 12. *Town Government in South-East England*, G. Rhodes. 13. *Some Characteristics of Motorists in Central London*, J. M. Thomson. 14. *Metropolitan Planning*, P. J. O. Self. 15. *Labour Supply and Employment Duration in London Transport*, John W. Smith.

*Public lectures delivered under the auspices of the Group.

Papers Nos. 1, 3, 4 and 6 are out of print; the remainder are available from the Secretary of the Group.

Centre of Labour Economics

The Centre for Labour Economics is a part of the Department of Economics. It is one of eight E.S.R.C. Designated Research Centres in the social sciences, to which the Economic and Social Research Council has committed long-term finance. The Centre's major current research is on unemployment, asking why the level of unemployment has been so high, and what can be done about it. The work involves studies of labour demand and supply, as well as of the unemployed themselves. Work is also being done on the relation between inflation and the level of unemployment, and the relation between employment and fiscal and monetary policy. The work is supported not only by E.S.R.C. but also by the Department of Employment and the Esmee Fairbairn Charitable Trust.

The research is being undertaken by Dr. C. Bean, Professor W. Buitter, Professor O. Hart, Mr. R. Jackman, Professor R. Layard (Head of the Centre), Professor D. Metcalf, Mr. J. Moore, Professor S. Nickell, Mr. D. Piachaud and Dr. C. Pissarides (all part-time), in collaboration with three research officers and numerous research assistants (mostly part-time and often graduate students).

The Centre produces a series of discussion papers which are available on request. Last year 36 discussion papers were produced, and 27 articles published. The Centre has a regular sequence of overseas visitors (mainly from the U.S.). There is a weekly seminar on unemployment attended by civil servants and academics. There is also an annual conference, which will this year be an international gathering attempting to explain unemployment trends in 15 countries.

The Centre has a library on the economics of labour, and is associated with the teaching of labour economics to M.Sc. and Ph.D. students. Many research students work in the Centre, either on E.S.R.C. grants or financed by the Centre.

Industrial Relations and Work Behavioural Research Unit

This Unit was formed to bring together the research activities of the Industrial Relations department. The overall research programme is under the direction of Professor K. E. Thurley.

Current research includes a study of motor-car industrial relations in West European countries; a project on the personnel function in the UK; a project on the attitudes of electronics industry employees in eight countries and a study of the roles of trade union officers.

Institute of Manpower Studies, Mantell Building, University of Sussex, Falmer, Brighton BN1 9RF

An agreement exists between the School and the Institute, which is an independent company limited by guarantee, registered as a charity and located at London School of Economics and the University of Sussex.

The Institute became operational in 1970. It is a professional body which has consolidated and expanded its research, advisory and related work in the fields of manpower management, the operation of labour markets, issues of employment policy, training policy, and youth training and skills analysis. The Institute is specifically concerned with: providing informed comments on manpower issues of national importance; undertaking relevant investigations and research; raising the standards of practice of manpower management in employing organisations; creating a wider understanding of the practical issues involved.

The Institute's extensive education and training programme is concerned particularly with providing short, post-experience courses and management seminars firmly based on its research and advisory activity. It also provides limited opportunities for longer term postgraduate work and for secondments from industry and other employing organisations.

I.M.S. expertise and resources are available to all organisations requiring guidance on the solution of manpower or labour market problems. The Institute has close contacts with employers, trade unions, representative associations, and government departments and agencies. Institute staff have built up extensive working relationships throughout the United Kingdom and in other countries.

The Institute's President is Sir Peter Walters, the Executive Chairman is Mr Alan Swinden, the Director is Dr. Clive Purkiss, and the Associate Directors are Mr. Malcolm Bennis and Mr. Richard Pearson. Annual reports, newsletters and lists of publications are available from the Institute.

Population Investigation Committee

The Population Investigation Committee, which was established in 1936, is a research group concerned with the study of demographic questions and has been housed at the School since World War II. It is affiliated with the School and acts as adviser on questions of demographic research and teaching.

Since 1948, the Committee has published *Population Studies*, the first English language journal devoted to the subject and one of the world's leading demographic publications. The first editors were Professor D. V. Glass (until his death in 1978) and Mr. E. Grebenik who continues as editor with Professor J. N. Hobcraft and Dr. R. Schofield as associate editors. The journal appears three times a year and has a large circulation, more than 75% of which is made up of overseas subscribers.

A major investigation initiated by the Committee under the direction of Dr. J. W. B. Douglas, was the National Sample Survey of the Health and Development of Children, based on a follow-up study of an appropriately designed sample of children born in one week in 1946 in every area of Great Britain. Many papers and a number of books have resulted from this study, which was taken over by the Medical Research Council in 1962, when the M.R.C. Unit for the Study of Environmental Factors in Mental and Physical illness was set up at L.S.E. When Dr. Douglas retired in 1979, the Unit was transferred to the University of Bristol, with Professor John Colley being appointed as the new Director.

In 1976 the Nuffield Foundation awarded a grant to the Committee to analyse the data on social mobility in the National Sample Survey and several papers resulting from this research have been published.

The Committee's research programme has included studies of the changes in marriage and divorce in England and Wales over the past hundred years and investigations into fertility and birth control practice as well as research into historical demography. Publications resulting from the research include many papers and several books, notably *Birth Control Practice and Marital Fertility in Great Britain*, by C. M. Langford, *The Demography of the British Peerge*, by T. M. Hollingsworth and *Numbering the People* by D. V. Glass. The Committee also co-operated with the Scottish Mental Survey in their follow-up study of Scottish children, which resulted in the publication of many books.

In collaboration with L.S.E., the Committee organised a postgraduate training programme in demography, focused on developing countries but accepting students from developed societies. Since its establishment in 1965, over 300 students have been admitted. A book embodying the results of new methodological research undertaken in connection with the training programme, *Demographic Estimation for Developing Societies*, by N. H. Carrier and J. N. Hobcraft, was published by the Committee in 1971.

In 1981, the Committee set up a small grant scheme to encourage research work in

population studies, and grants have been given to enable data to be collected in Italy, Swaziland and Malaysia, as well as in the U.K.

The Committee has received financial support from many bodies, including the Social Science Research Council, the Ford Foundation, the Home Office, the International Planned Parenthood Federation, the Nuffield Foundation, the Eugenics Society, the Simon Population Trust, the Population Council and the Rockefeller Foundation. The Chairman of the Committee is the Director of the London School of Economics and Political Science, Professor R. G. Dahrendorf; the Honorary Treasurer is the Government Actuary, Mr. E. A. Johnston and the General Secretary is Mrs. D. Castle.

Other Aspects of Research

Other aspects of the School related to the pursuit of research are dealt with in other parts of the *Calendar* where particulars will be found of the resources of the British Library of Political and Economic Science, one of the most important 'tools' for social scientists in the world, and of the Graduate School and the facilities provided for graduate students.

This brief account of the research in relation to the teaching and research staff of the School would not be complete without reference to the important contribution which the School makes by the training of research workers, many of whom thereafter carry their experience to newer centres of social studies both at home and abroad.

Computer Services

As members of the University of London, students and staff of the School have access to the University computer facilities. These comprise the Amdahl 470 V/8 and Cray 1S computers at the University of London Computer Centre (ULCC); the ICL 2988 computer and Distributed Array Processor at Queen Mary College; and the CDC Cyber 855 computer at Imperial College.

The School has two Digital VAX 11/780 computers running VMS, which are used for teaching purposes, job preparation and small scale research projects. They are linked to ULCC and beyond via a network.

Over 100 workstations (mainly BBC micros acting as terminals including 50 in three classrooms) are available to connect to the computers. Interactive graphics facilities are available for use with Tektronix computer display terminals. A PDP 11/34 and a variety of micro computers are also available for use. A Systime 6400 is available for word processing by staff in academic departments.

It is the policy of the University of London to charge all users who are in receipt of research grants with a financial provision for computing the direct cost of computer resources. All other users are entitled to an allocation of computer time for teaching and academic research purposes, although charges will be made for the hire of magnetic tapes or discs, and the use of some consumables.

A computer service comprising computer operating, and programming advisory services, is provided under the Head of the Computer Service. A comprehensive range of programs designed for the use of social scientists is available to members of the School.

Publications by Members of Staff from 1 August 1982 to 31 July 1983

(This list includes publications that were not available for inclusion in the report for 1981-1982.)

Director's Publications

El Nuevo Liberalismo (Editorial Tecnos, Madrid, 1982)

As Classes e Seus Conflitos na Sociedade Industrial (Editora Universidade de Brasília, Brasília, 1982)

Sociedade e Liberdade (Editora Universidade de Brasília, Brasília, 1982)

Die Chancen der Krise: Über die Zukunft des Liberalismus (Deutsche Verlags-Anstalt, Stuttgart, 1983)

'Aktive Bildungspolitik ist ein Gebot der Bürgerrechte' in Peter Häberle (Ed.), *Kulturstaatlichkeit und Kulturverfassungsrecht* (Wissenschaftliche Buchgesellschaft, Darmstadt, 1982)

'Arbeit und Tätigkeit—Wandlungen der Arbeitgesellschaft' in Heik Afhelt und Peter Rogge (Eds.), *Geht uns die Arbeit aus?* (Horst-Poller-Verlag, Stuttgart, 1983)

'Es ist nicht alles Weimar, was bunt ist: Warum nicht fünf statt drei?' in Christian Graf von Krockow (Ed.), *Brauchen wir ein neues Parteiensystem?* (Fischer-Tachenbuch-Verlag, Frankfurt a.M., 1983)

'Fremd, deutsch' in Wilfried Barner, Martin Gregor-Dellin, Peter Härtling and Egidius Schmalzriedt (Eds.), *Literatur in der Demokratie: Für Walter Jens zum 60. Geburtstag* (Kindler-Verlag, München, 1983)

'Reflections on Social Theory and Political Practice' in Christopher Lloyd (Ed.), *Social Theory and Political Practice* (Clarendon Press, Oxford, 1983)

'Su Aron' (*Contemporanea* 2, Vol. XIX, July-September 1982)

'Zeitpunkte: Grundsätzliches zur liberalen Politik der Gegenwart' (*Schriftenreihe der Walther-Rathenau-Stiftung*, Berlin, September 1982)

'Die Grenzen der Gleichheit: Bemerkungen zu Fred Hirsch' (*Zeitschrift für Soziologie*, Jahrgang 12, Heft 1, Januar 1983)

'Für einen Liberalismus der Zukunft' (*Liberal*, 25. Jahrgang, Heft 1, January 1983)

'Die F.D.P. braucht eine tiefgehende Erneuerung' (*Liberal*, 25. Jahrgang, Heft 3, März 1983)

'Die nächsten Schritte' (*Liberal*, 25. Jahrgang, Heft 4, April 1983)

'The Great Fear of War: A Personal Argument' (*Atlantic Quarterly*, Vol. 1, No. 1, Spring 1983)

'Erststimmen' (*Liberal*, 25. Jahrgang, Heft 7, Juli 1983)

'Franz Kreuzer im Gespräch mit Ralf Dahrendorf' in *Markt, Plan, Freiheit* (Franz Deuticke Verlagsgesellschaft, Vienna, July 1983)

Accounting and Finance

Professor Bryan Carsberg

The U.S. Conceptual Framework for Financial Reporting (The Deloitte, Haskins + Sells Lecture, University College Cardiff Press, 1982)

A Programme for Research (Institute of Chartered Accountants in England and Wales, TR 470, April 1982)

'The Case for Financial Capital Maintenance' in R. R. Sterling and K. W. Lemke (Eds.), *Maintenance of Capital, Financial versus Physical* (Scholars Book Co., Houston, 1982)

'Segment Management and Reporting' in Sydney Davidson and Roman Weil (Eds.),

Handbook of Modern Accounting (McGraw Hill, 3rd edition, New York, 1983)
'The Economics of Reinsurance—Managing in an Inflationary Environment' in *Proceedings of Sixth International Seminar* (Reinsurance Offices Association, April 1983)

'Reporting the Effects of Changing Prices: The United States versus the United Kingdom' (*Journal of Comparative Corporate Law and Securities Regulation*, 4, 1982)

'Accounting and Auditing Standards: a Challenge to the Academic Profession: a Paper for the Annual Conference of the South African Society of University Teachers of Accounting' (*The South African Chartered Accountant*, August 1982)

'FAS 52—Measuring the Performance of Foreign Operations' (*Midland Corporate Finance Journal*, Vol. 1, No. 2, Summer 1983)

Professor H. C. Edey

Accounting Queries (Garland, New York and London, 1982)

Mr. Stephen P. Lumby

'Arbitrage and the Modigliani and Miller Capital Structure Hypothesis' (*Accountancy*, August 1982)

'L.E.B. Appliance Sales and the Office of Fair Trading Report' (*Public Money*, Vol. 2, No. 2, September 1982)

'Nationalised Industry Finance: A Third Way' (*Public Money*, Vol. 2, No. 4, March 1983)

Mr. Christopher J. Napier

Accounting for Cost of Pensions (The Institute of Chartered Accountants in England and Wales, London, 1983)

'The Pensions Accounting Debate' (*Accountancy*, January 1983)

Mr. C. W. Noke

'No Par Value Shares—Case Proven?' (*Accountancy*, August 1983)

Ms. Janette Rutterford

'An Investigation into the Theory and Practice of Salesmen's Commissions' in D. Cooper, R. Scapens and J. Arnold (Eds.), *Management Accounting Research and Practice* (ICMA, 1983)

Ms. Swee-Im Ung

(With Peter E. M. Standish) 'Corporate Signalling, Asset Revaluations, and the Stock Prices of the British Companies' (*The Accounting Review*, October 1982)

Dr. M. Walker

(With C. Rowley, C. Mulley and J. Whittaker) *The Use of Roll-ON/Roll OFF Vessels for Moving Freight via Coastal Waters within the United Kingdom: An Economic Analysis* (Published by the ports of Aberdeen, Dover, Dundee, Great Yarmouth, Harwich, King's Lynn, Newhaven, Poole, Southampton, and Tees and Hartlepool, 1982)

(With B. Beavis) 'Achieving Environmental Standards with Stochastic Discharges' (*Journal of Environmental Economics and Management*, June 1983)

Professor B. S. Yamey

Further Essays on the History of Accounting (Garland Publishing Inc., New York and London, 1982)

'George Peacock, an Early "Translator" of Pacioli' (*Accounting and Business Research*, Vol. 12, Autumn 1982)

'The First Danish Book on Bookkeeping and Accounts' (*Accounting and Business Research*, Vol. 13, Summer 1983)

Anthropology

Dr. C. J. Fuller

'The Government and the Temple: The Madurai Minaksi Temple Priests, 1937-1980' in K. Ballhatchet and D. Taylor (Eds.), *Changing South Asia: Religion and Society* (Asian Research Service, 1983)

Professor E. A. Gellner

Muslim Society (hardback reprint and first paperback edition, Cambridge University Press, 1983)

'The Tribal Society and Its Enemies' in Richard Tapper (Ed.), *Conflict of Tribe and State in Iran and Afghanistan* (Croom Helm, 1983)

'Leff' in C. E. Bosworth, E. van Douzel, B. Lewis and Ch. Pellat (Eds.), *The Encyclopaedia of Islam*, Vol. V (E. J. Brill, new edition, Leiden, 1983)

'No Haute Cuisine in Africa' (*London Review of Books*, Vol. 4, No. 16, 2-15 September 1982)

Professor I. M. Lewis

(Editor and Introduction) *Nationalism and Self-Determination in the Horn of Africa* (Ithaca Press, 1983)

'Whither Scientific Socialism in Somalia' in *Horn of Africa: From "Scramble for Africa" to East-West Conflict* (Forschungsinstitut Symposium 28 and 29 June 1982, Analysen, Friedrich and Ebert Stiftung, Bonn, 1983)

'Syncretism and Survival in African Islam' in *Aspetti dell'Islam "Marginal"* (Academy of the Lincei, Rome, 1983)

'Che Cos'è uno Sciamano?' (*Conoscenza Religiosa*, Vol. 3, No. 4, 1982)

Dr. P. Loizos

(With G. M. Shepherd) *A Survey of Development Problems with Recommendations for Micro-development Projects, in N. Sudan* (Report to OXFAM, 1982)

Dr. J. P. Parry

(With M. Bloch) 'Death and the Regeneration of Life' Introduction to M. Bloch and J. Parry (Eds.), *Death and the Regeneration of Life* (Cambridge University Press, 1982)

'Sacrificial Death and the Necrophagous Ascetic' in M. Bloch and J. Parry (Eds.), *Death and the Regeneration of Life* (Cambridge University Press, 1982)

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Statistics of Students

Table A: Undergraduate and Postgraduate Students 1979-80 to 1983-84

	Session 1979-80	Session 1980-81	Session 1981-82	Session 1982-83	Session 1983-84
REGULAR STUDENTS					
Full-time					
Full London Degree	1935	2071	2137	2120	1997
Other Undergraduates	99	167	202	195	203
ALL UNDERGRADUATES	2034	2238	2339	2315	2200
Higher Degree	1033	1201	1160	1140	1162
Higher Diploma	108	200	227	184	180
Research Fee	79	61	86	65	71
ALL POSTGRADUATES	1220	1462	1473	1389	1413
ALL FULL-TIME STUDENTS	3254	3700	3812	3704	3613
Part-time					
Full London Degree	15	13	28	26	26
Other Undergraduates	-	-	-	1	-
ALL UNDERGRADUATES	15	13	28	27	26
Higher Degree	529	557	553	464	501
Higher Diploma	2	7	13	11	12
Research Fee	17	18	9	5	9
ALL POSTGRADUATES	548	582	575	480	522
ALL PART-TIME STUDENTS	563	595	603	507	548
ALL REGULAR STUDENTS	3817	4295	4415	4211	4161
OCCASIONAL STUDENTS	54	30	41	36	37
SINGLE TERM STUDENTS	-	79	106	129	135
TOTAL OTHER STUDENTS	54	109	147	165	172
TOTAL ALL STUDENTS	3871	4404	4562	4376	4333

Table B: Undergraduate and Postgraduate Overseas Students: 1979-80 to 1983-84

By Country of Domicile	Session 1979-80	Session 1980-81	Session 1981-82	Session 1982-83	Session 1983-84
REGULAR STUDENTS					
First London Degree	405	471	516 (115)	516 (75)	503 (85)
Other Undergraduates	87	156	190 (10)	183 (17)	191 (20)
ALL UNDERGRADUATES	492	627	706 (125)	699 (92)	694 (105)
Higher Degree	829	978	960 (255)	846 (155)	856 (142)
Higher Diploma	28	157	180 (34)	142 (7)	124 (12)
Research Fee	88	73	91 (14)	71 (14)	72 (16)
ALL POSTGRADUATES	945	1208	1231 (303)	1059 (176)	1052 (170)
ALL REGULAR STUDENTS	1437	1835	1937 (428)	1758 (268)	1746 (275)
OCCASIONAL STUDENTS	8	8	2 (2)	21 (1)	11
SINGLE-TERM STUDENTS	-	79	106	129	122
TOTAL ALL STUDENTS	1445	1922	2045 (430)	1908 (269)	1879 (275)

Figures in brackets indicate the number of students not paying the higher rate of fee for overseas students.

Analysis of Regular and Occasional Students, 1981-84

REGULAR STUDENTS	SESSION 1981-82		SESSION 1982-83		SESSION 1983-84		Grand Total
	Men	Women	Men	Women	Men	Women	
B.Sc. (Economics)							
1st year	322	96	251	121	285	100	385
2nd year	338	126	337	97	243	122	365
3rd year	292	98	331	128	332	105	437
Course-Unit Degree							
B.Sc./B.A.							
Geography							
1st year	16	11	17	8	19	11	30
2nd year	18	10	14	11	17	8	25
3rd year	17	10	17	11	14	11	25
B.Sc. Mathematics, Statistics, Computing and Actuarial Science							
1st year	26	14	16	8	21	10	31
2nd year	18	14	22	14	14	8	22
3rd year	14	7	17	14	23	10	33
B.Sc. Management Sciences							
1st year	22	16	13	13	18	6	24
2nd year	21	4	15	15	11	10	21
3rd year	12	2	21	3	12	17	29
B.Sc. Mathematics and Philosophy							
1st year	-	-	-	-	1	-	1
2nd year	-	-	-	-	-	-	-
3rd year	1	-	-	2	-	-	1
REGULAR STUDENTS	1187	418	1272	418	1187	385	1187
OCCASIONAL STUDENTS							
1st year	80	27	82	25	78	25	80
2nd year	86	28	93	25	91	22	86
3rd year	74	21	77	24	80	33	74
Philosophy	2	1	1	1	3	1	2
OCCASIONAL STUDENTS	230	77	230	77	230	77	230

Analysis of Regular and Occasional Students, 1981-84 — continued

REGULAR STUDENTS

	SESSION 1981-82				SESSION 1982-83				SESSION 1983-84			
	STUDENT NUMBERS			Grand Total	STUDENT NUMBERS			Grand Total	STUDENT NUMBERS			Grand Total
	Men	Women	Total		Men	Women	Total		Men	Women	Total	
B.Sc./B.A. Social Anthropology												
1st year	4	16	20	53	9	12	21	60	3	15	18	56
2nd year	4	14	18		3	17	20		9	10	19	
3rd year	7	8	15		4	15	19		4	15	19	
B.Sc. Social Psychology												
1st year	2	18	20	49	9	11	20	57	4	15	19	60
2nd year	7	11	18		2	16	18		9	14	23	
3rd year	4	7	11		8	11	19		3	15	18	
B.Sc. Sociology												
1st year	5	20	25	81	7	19	26	79	9	18	27	74
2nd year	13	13	26		6	19	25		6	17	23	
3rd year	19	11	30		13	15	28		5	19	24	
B.A. French Studies												
1st year	4	7	11	42	-	-	-	34	-	-	-	20
2nd year	2	8	10		3	7	10		-	-	-	
3rd year	2	15	17		2	9	11		2	7	9	
4th year	1	3	4		2	11	13		3	8	11	
B.Sc. Chemistry and Philosophy of Science (jointly with King's College)												
1st year	-	-	-	2	-	1	1	4	-	-	-	-
2nd year	-	2	2		-	1	1		-	-	-	
3rd year	-	-	-		-	2	2		-	-	-	

Analysis of Regular and Occasional Students, 1981-84 — continued

REGULAR STUDENTS

	SESSION 1981-82				SESSION 1982-83				SESSION 1983-84				
	STUDENT NUMBERS			Grand Total	STUDENT NUMBERS			Grand Total	STUDENT NUMBERS			Grand Total	
	Men	Women	Total		Men	Women	Total		Men	Women	Total		
B.A. Social Anthropology and Mediaeval History													
1st year		1	1	2		-	-	2		-	-	1	
2nd year		-	-		1	-	1		-	-	-		
3rd year		1	1		-	1	1		1	-	1		
B.Sc. Social Science and Administration													
1st year		5	17	67		8	12	59		8	11	53	
2nd year		4	19		4	14	18		4	11	15		
3rd year		7	15		4	17	21		4	15	19		
LL.B.													
1st year		63	37	267		45	29	255		43	47	249	
2nd year		55	32		60	33	93		39	28	67		
3rd year		38	42		56	32	88		62	30	92		
LL.B with French Law													
1st year		7	5	12		-	4	14		3	4	20	
2nd year		-	-		5	5	10		-	3	3		
3rd year		-	-		-	-	-		5	5	10		
B.A. History													
1st year		9	13	65		11	10	65		11	8	61	
2nd year		11	13		9	11	20		10	11	21		
3rd year		4	15		9	15	24		10	11	21		
OTHER REGULAR STUDENTS:													
General Course		119	69	188	188	105	78	183	183	109	82	191	191
Pre-Law Year		1	1	2	2	-	-	-	-	-	-	-	
Trade Union Studies		9	3	12	12	11	2	13	13	10	2	12	12

Analysis of Regular and Occasional Students, 1981-84 — continued

REGULAR STUDENTS

	SESSION 1981-82				SESSION 1982-83				SESSION 1983-84			
	STUDENT NUMBERS			Grand Total	STUDENT NUMBERS			Grand Total	STUDENT NUMBER			Grand Total
	Men	Women	Total		Men	Women	Total		Men	Women	Total	
TOTAL REGULAR UNDERGRADUATES	1525	842	2367	2367	1468	874	2342	2342	1387	839	2226	2226
OTHER STUDENTS:												
Single Term	50	56	106	106	63	66	129	129	62	73	135	135
Occasional	20	21	41	41	20	16	36	36	28	9	37	37
TOTAL OTHER STUDENTS	70	77	147	147	83	82	165	165	90	82	172	172
TOTAL ALL UNDERGRADUATE STUDENTS	1595	919	2514	2514	1551	956	2507	2507	1477	921	2398	2398
M.Sc.												
1st year	465	241	706	852	476	229	705	835	453	273	726	845
2nd year and subsequent years	85	61	146		81	49	130		81	38	119	
Ph.D./M.Phil.												
1st year	123	65	188	695	109	57	166	598	97	63	160	615
2nd year and subsequent years	347	160	507		294	138	432		301	154	455	
				1713				1604				1663
LL.M.												
1st year	78	38	116	140	87	49	136	147	99	61	160	174
2nd year and subsequent years	20	4	24		7	4	11		10	4	14	
M.A.												
1st year	9	11	20	26	10	5	15	24	13	12	25	29
2nd year and subsequent years	2	4	6		3	6	9		3	1	4	

Analysis of Regular and Occasional Students, 1981-84 — continued

REGULAR STUDENTS

	SESSION 1981-82				SESSION 1982-83				SESSION 1983-84			
	STUDENT NUMBERS			Grand Total	STUDENT NUMBERS			Grand Total	STUDENT NUMBERS			Grand Total
	Men	Women	Total		Men	Women	Total		Men	Women	Total	
University Postgraduate Diplomas:												
International Law	2	1	3	4	-	1	1	1	-	2	2	2
Law	-	1	1		-	-	-		-	-	-	
Diplomas Awarded by the School:												
Social Planning	6	2	8	8	5	5	10	10	8	6	14	14
Personnel Management	11	13	24	24	12	12	24	24	9	12	21	21
Social Administration	12	9	21	21	2	6	8	8	1	5	6	6
Statistics	4	1	5	5	1	1	2	2	4	2	6	6
1st year	-	-	-		-	-	-		-	-	-	
2nd year	-	-	-	-	-	-	-	-	-	-	-	-
Accounting and Finance	19	8	27	27	22	11	33	34	25	9	34	34
1st year	-	-	-		-	-	1		1	-	-	
2nd year	-	-	-	-	-	-	-	-	-	-	-	-
Business Studies	18	10	28	29	13	8	21	21	13	11	24	25
1st year	1	-	1		-	-	-		-	1	-	
2nd year	17	10	27	12	8	20	20	12	11	23	23	
Management Sciences	6	5	11	11	5	5	10	10	4	3	7	7
Economics	44	14	58	59	27	12	39	41	18	12	30	30
1st year	1	-	1		1	1	2		2	-	-	
2nd year	43	14	57	26	11	37	39	18	12	30	30	
Econometrics	2	-	2	2	2	-	2	2	1	-	1	1

Analysis of Regular and Occasional Students, 1981-84 — continued

REGULAR STUDENTS	SESSION 1981-82				SESSION 1982-83				SESSION 1983-84			
	STUDENT NUMBERS			Grand Total	STUDENT NUMBERS			Grand Total	STUDENT NUMBERS			Grand Total
	Men	Women	Total		Men	Women	Total		Men	Women	Total	
International and Comparative Politics												
1st year	21	14	35		21	10	31		16	18	34	
2nd year	-	1	1	36	1	2	3	34	2	1	3	37
Operational Research												
1st year	3	2	5		1	-	1		-	-	-	
2nd year	-	-	-	5	1	1	2	3	1	3	4	4
Social Psychology												
1st year	1	4	5		1	2	3		1	2	3	
2nd year	-	-	-	5	-	1	1	4	-	-	-	3
Geography	1	-	1	1	1	-	1	1	-	1	1	1
Sociology	1	-	1	1	-	-	-	-	-	-	-	-
Systems Analysis	-	1	1	1	-	-	-	-	-	-	-	-
Criminal Justice	1	-	1	1	-	-	-	-	-	1	1	1
Research Fee												
1st year	59	28	87		47	16	63		56	17	73	
2nd year and subsequent years	7	1	8	95	7	-	7	70	6	1	7	80
TOTAL ALL POSTGRADUATE STUDENTS	1349	699	2048	2048	1237	632	1869	1869	1223	712	1935	1935
TOTAL ALL UNDER-GRADUATE STUDENTS	1595	919	2514	2514	1551	956	2507	2507	1477	921	2398	2398
TOTAL ALL STUDENTS	2944	1618	4562	4562	2788	1588	4376	4376	2700	1633	4333	4333

Analysis of Overseas Students in Attendance at the LSE during the sessions 1981-1984 (By Domicile)

COUNTRY OF DOMICILE	1981-82			1982-83			1983-84		
	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total
Algeria	-	9	9	-	10	10	-	5	5
Angola	-	-	-	-	-	-	-	1	1
Antigua	-	-	-	-	-	-	-	-	-
Argentina	-	13	13	1	6	7	-	1	1
Australia	4	30	34	2	14	16	2	22	24
Austria	1	3	4	2	3	5	1	3	4
Bahamas	2	-	2	3	-	3	3	-	3
Bahrain	1	2	3	1	1	2	-	1	1
Bangladesh	2	5	7	1	4	5	1	5	6
Barbados	-	1	1	2	-	2	1	-	1
Belgium	5	5	10	5	7	12	7	9	16
Belize	-	-	-	-	-	-	1	-	1
Bermuda	3	1	4	3	1	4	2	1	3
Bolivia	1	1	2	-	2	2	1	2	3
Botswana	-	-	-	-	1	1	-	-	-
Brazil	4	25	29	2	27	29	4	19	23
Brunei	1	1	2	-	5	5	-	1	1
Bulgaria	-	1	1	-	1	1	-	-	-
Burma	-	-	-	-	2	2	-	-	-
Cameroon	1	3	4	1	3	4	1	1	2
Canada	14	65	79	11	55	66	5	84	89
Cayman Islands	1	-	1	1	-	1	-	-	-
Chile	1	4	5	-	3	3	-	3	3
China	1	4	5	2	2	4	2	3	5
Colombia	2	14	16	4	18	22	2	17	19
Costa Rica	-	3	3	-	-	-	-	1	1
Cuba	-	1	1	-	-	-	-	-	-
Cyprus	45	25	70	52	15	67	46	9	55
Czechoslovakia	-	-	-	-	1	1	-	-	-
Denmark	1	5	6	2	3	5	3	4	7
Dominica	-	1	1	-	-	-	-	-	-
Dominican Republic	1	-	1	-	-	-	-	1	1
Dubai	-	-	-	-	2	2	-	2	2

138 Analysis of Overseas Students in Attendance at the LSE during the sessions 1981-1984 (By Domicile) *continued*

COUNTRY OF DOMICILE	1981-82			1982-83			1983-84		
	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total
Ecuador	-	1	1	-	-	-	-	1	1
Egypt	-	5	5	-	2	2	-	3	3
Eire	2	18	20	1	5	6	1	8	9
Ethiopia	1	7	8	-	3	3	-	3	3
Fiji	-	-	-	1	-	1	1	-	1
Finland	-	1	1	-	6	6	-	1	1
France	4	5	9	10	10	20	9	10	19
Gambia	1	-	1	1	-	1	-	-	-
Germany (West)	22	35	57	21	22	43	32	16	48
Ghana	3	17	20	4	9	13	1	5	6
Gibraltar	1	1	2	1	-	1	-	-	-
Greece	19	75	94	17	80	97	20	70	90
Grenada	2	1	3	-	-	-	-	-	-
Guyana	4	6	10	1	3	4	1	1	2
Hong Kong	84	20	104	106	42	148	98	51	149
Hungary	-	-	-	-	-	-	-	1	1
Iceland	-	5	5	-	2	2	-	-	-
India	14	37	51	12	26	38	16	22	38
Indonesia	5	2	7	4	2	6	2	3	5
Iran	9	24	33	4	8	12	3	5	8
Iraq	-	2	2	-	2	2	-	3	3
Israel	4	11	15	5	10	15	5	8	13
Italy	9	32	41	10	34	44	12	37	49
Jamaica	2	2	4	-	2	2	-	-	-
Japan	7	28	35	7	33	40	9	33	42
Jordan	3	6	9	1	1	2	2	1	3
Kenya	16	7	23	12	6	18	10	11	21
Korea (Sth)	-	7	7	1	13	14	1	11	12
Korea (Nth)	-	-	-	-	-	-	1	-	1
Kuwait	2	3	5	4	1	5	4	-	4
Lebanon	3	4	7	5	3	8	4	3	7
Lesotho	-	2	2	-	1	1	-	1	1
Liberia	-	-	-	-	1	1	-	-	-

139 Analysis of Overseas Students in Attendance at the LSE during the sessions 1981-84 (By Domicile) *continued*

COUNTRY OF DOMICILE	1981-82			1982-83			1983-84		
	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total
Libya	-	-	-	-	1	1	-	3	3
Luxembourg	1	1	2	2	2	4	1	1	2
Malawi	-	4	4	-	2	2	-	4	4
Malaysia	68	32	100	69	41	110	63	31	94
Malta	-	1	1	1	-	1	1	1	2
Mauritius	16	7	23	14	4	18	12	2	14
Mexico	-	83	83	1	48	49	1	33	34
Mongolia (Out.)	-	-	-	-	-	-	-	1	1
Morocco	1	1	2	-	1	1	-	1	1
Namibia	1	-	1	-	-	-	-	1	1
Nepal	-	-	-	-	-	-	-	1	1
Netherlands	6	10	16	3	6	9	2	7	9
Netherlands Antilles	-	-	-	-	1	1	-	1	1
New Zealand	-	3	3	-	4	4	-	4	4
Nigeria	14	66	80	16	51	67	17	42	59
Norway	3	3	6	3	3	6	3	1	4
Pakistan	22	14	36	19	9	28	6	11	17
Panama	-	1	1	-	2	2	-	-	-
Papua New Guinea	-	1	1	-	-	-	-	1	1
Peru	1	1	2	1	5	6	1	4	5
Philippines	1	3	4	4	5	9	4	5	9
Poland	1	2	3	1	-	1	-	4	4
Portugal	7	5	12	10	7	17	9	4	13
Puerto Rico	-	1	1	-	1	1	-	-	-
St. Lucia	-	-	-	-	1	1	-	1	1
Sabah	-	-	-	2	-	2	3	-	3
Samoa (Western)	1	-	1	-	-	-	-	-	-
Saudi Arabia	-	4	4	-	3	3	-	1	1
Seychelles	-	-	-	-	1	1	-	-	-
Sierra Leone	-	3	3	1	1	2	1	2	3
Singapore	28	20	48	29	24	53	27	25	52
Somali Dem. Republic	-	8	8	-	4	4	-	3	3

Analysis of Overseas Students in Attendance at the LSE during the sessions 1981-1984 (By Domicile) —
continued

COUNTRY OF DOMICILE	1981-82			1982-83			1983-84		
	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total
South Africa	4	19	23	2	10	12	2	9	11
Spain	5	19	24	9	25	34	10	23	33
Sri Lanka	4	12	16	6	7	13	6	4	10
Sudan	-	8	8	-	8	8	-	6	6
Surinam	-	-	-	-	-	-	1	1	2
Swaziland	-	1	1	-	1	1	-	1	1
Sweden	2	1	3	4	4	8	6	2	8
Switzerland	8	6	14	8	12	20	13	9	22
Taiwan	1	9	10	1	4	5	1	5	6
Tanzania	-	8	8	-	6	6	-	6	6
Thailand	6	9	15	7	7	14	8	12	20
Trinidad and Tobago	3	3	6	3	3	6	3	1	4
Tunisia	-	1	1	-	-	-	-	-	-
Turkey	3	12	15	3	5	8	2	6	8
Uganda	1	3	4	1	4	5	-	3	3
United Arab Emirates	1	-	1	1	-	1	3	-	3
Uruguay	-	1	1	-	2	2	-	2	2
U.S.A.	292	222	514	298	202	500	301	239	540
U.S.S.R.	-	3	3	-	2	2	1	3	4
Venezuela	-	20	20	-	13	13	-	10	10
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands	-	-	-	-	-	-	-	1	1
Yemen	-	1	1	-	-	-	1	-	1
Yugoslavia	-	2	2	2	1	3	1	1	2
Zaire	-	-	-	1	-	1	-	-	-
Zambia	1	2	3	1	2	3	1	5	6
Zimbabwe	4	9	13	3	1	4	2	5	7
GRAND TOTAL	814	1231	2045	849	1059	1908	827	1052	1879

Analysis of Overseas Students in Attendance at the LSE during the sessions 1981-84 (By Domicile Group)

	SESSION 1981-1982			SESSION 1982-1983			SESSION 1983-84		
	Under-graduate	Post-graduate	Total	Under-graduate	Post-graduate	Total	Under-graduate	Post-graduate	Total
1. THE CONTINENTS OF:									
EUROPE	145	273	418	167	254	421	180	224	404
ASIA	267	263	530	291	259	550	270	254	524
AFRICA	64	190	254	57	133	190	47	123	170
NORTH AMERICA	320	385	705	322	316	638	317	363	680
SOUTH AMERICA	13	86	99	9	79	88	10	61	71
AUSTRALASIA	5	34	39	3	18	21	3	27	30
TOTAL	814	1231	2045	849	1059	1908	827	1052	1879
2. MEMBERSHIP OF THE COMMONWEALTH	339	397	736	359	337	696	324	350	674
3. MEMBERSHIP OF THE EUROPEAN ECONOMIC COMMUNITY	50	111	161	71	169	240	87	162	249

Part II: Regulations and Facilities

Admission of Students

1. Students are classified in the following categories:
 - (a) Regular students — those paying a composition fee for a degree or diploma or for any other full course and students paying a research fee.
 - (b) Occasional students — those paying a fee for one or more separate courses of lectures.
2. No student will be admitted to any course until he has paid the requisite fees. The School reserves the right at all times to withdraw or alter particular courses and course syllabuses.

First Degrees

U.C.C.A.

All applications for admission to full-time courses leading to a first degree at the School should be made through the Universities Central Council on Admissions. The Council's address is P.O. Box 28, Cheltenham, Glos., GL50 1HY, and all completed application forms should be sent there. Students at school in Britain may obtain the application form and a copy of the U.C.C.A. handbook, which contains a list of universities and degree courses and instructions on completing the form, from their head teacher. Other students may obtain the form and handbook from the Secretary of the U.C.C.A. Completed application forms must be returned to the U.C.C.A. and not to the School. The School's code is **L LSE 44**.

Overseas candidates who are applying from the following countries are advised to submit their applications to U.C.C.A. through the recognised agency in London (e.g. the British Council Technical Assistance Training Department or their own country's High Commission, Embassy, Consulate-General or Students' Office): Brunei, Cyprus, Ghana, Guyana, India, Luxembourg, Mauritius, Singapore, Tanzania and Thailand. Candidates from other overseas countries should send their applications to U.C.C.A. direct. British Council offices abroad can give helpful advice, but do not supply application forms or handbooks. Any student whose permanent home address is outside the U.K. will be classed as an overseas student for U.C.C.A. purposes.

The earliest date at which the U.C.C.A. will receive applications for admission in October 1985 is 1 September 1984. The closing date for the receipt of applications at the U.C.C.A. is 15 December 1984, except for students who include Oxford or Cambridge in their choice of Universities, who must submit their applications by 15 October 1984. However, all students are advised to submit their applications as soon as possible after 1 September and not to leave them until the last minute.

Entrance Requirements

All candidates for admission to degree courses at the School must, by the date on which they hope to be admitted, be able to satisfy: (i) The *general requirements* for admission to degree courses which are laid down by the University of London, and (ii) the *course requirement* (if any) for the particular degree they wish to follow. Candidates may satisfy the *general requirements* by:

Either

1. passing the general Certificate of Education examination, or an approved equivalent, in the required number of subjects, namely either two at advanced level and three at ordinary level, or three at advanced level and one at ordinary level.

The ordinary level passes must be obtained at Grade A, B or C. A Grade 1 pass

in a subject taken in the Certificate of Secondary Education is recognised as equivalent to an Ordinary level pass in the G.C.E. examination. Ordinary passes (Grades A-C, in examination in and after 1973) in the Scottish Certificate of Education are accepted by the University of London as equivalent to Ordinary level passes in the G.C.E. examination. The University has also recently agreed that a student who has passed five separate subjects at the Higher level in the Scottish Certificate of Education and has obtained not less than Grade B in four of these subjects will be deemed to have satisfied the General Entrance requirements of the University of London. However the School would normally expect the candidates from Scotland to offer good passes in at least two subjects either in the Certificate of Sixth Year Studies examination or under the Post Higher syllabus.

- or 2. graduating in another university approved for this purpose by the University of London;
- or 3. obtaining by examination a full practising professional qualification;
- or 4. obtaining the Diploma in Technology;
- or 5. applying under the regulations for Advanced Students by virtue of a Teacher's Certificate awarded since 1962, after a course of study lasting three academic years in a training college in England or Wales, or a three-year course of training in Northern Ireland since 1950;
- or 6. other qualifications to be considered by the Special Entrance Board of the University.

The Special Entrance Board will also consider applications from holders of the Higher National Diploma or Certificate, the Ordinary National Diploma or Certificate or the BEC National Certificate.

Full details of the entrance requirements will be found in the pamphlet *Regulations for University Entrance*, obtainable from the Secretary, University Entrance Requirements Department, Senate House, London WC1E 7HU. Intending students are advised to obtain a copy of these regulations and to check that their qualifications are appropriate for the courses they wish to follow. The Assistant Registrar will be pleased to answer particular questions relating to the requirements.

The fact that a student has satisfied the general requirement does not mean that he or she will automatically obtain a place at the School. Candidates are usually expected to have reached a standard well above the pass mark in their qualifying examinations. Some candidates may also be asked to attend for interview or to take an entrance examination.

A person under the age of eighteen years may not be admitted as a student without the Director's special permission. A candidate who wishes to enter the School before his or her eighteenth birthday may be asked to write to state his or her reasons.

Concurrent Study

No student is allowed to register or study concurrently for more than one examination of the University of London or of the School unless he or she has previously obtained in writing the permission of the Director of the School. Students studying for an examination of the University or of the School who wish to study at the same time for an examination held by an outside body, are required to state this fact when applying for admission to the School. Students failing to disclose this fact are liable to have their registration cancelled.

Additional Information for Overseas Students

Many students overseas will find it convenient to submit their applications to the U.C.C.A. through an established agency, such as their government's Students' Office or High Commission, or the Overseas Development Administration, and students are advised to seek the help and advice of these agencies before submitting an application. Students who wish to do so, however, may send direct to the U.C.C.A. an application

for admission to a first-degree course at this School. Students who are in any doubt or difficulty over this procedure may write direct to the School for advice.

Candidates from overseas are also asked to take particular note of the following points.

Those who do not hold the relevant British qualifications listed above, but who hold qualifications enabling them to enter a foreign university, may be considered by the Special Entrance Board of the University of London. Such students should in the first instance apply for admission to the School through the U.C.C.A. If the School is willing to admit them it will forward their applications to the Special Board for consideration.

Early application from students from abroad is advised. However, where there is time to do so, students who are uncertain about their qualifications should write in the first instance to the Assistant Registrar (Admissions), to check that they are eligible for consideration.

Students whose mother tongue is not English will be required to give evidence of proficiency in the language.

Candidates from overseas, whether living abroad or in the United Kingdom at the time they make application, will be required, before they are accepted, to show that they have adequate financial resources to cover the cost of the three-year full-time course of study for a first degree. They will be asked to provide a guarantee that they have available a sufficient sum to cover their maintenance in London (£3,200 for 1984/85) in addition to the fees. They may also be asked to produce a medical certificate.

Intending students from overseas should not set out for this country unless they have received a definite offer of a place at the School.

Course Requirements

Note Besides the general requirements given on pages 142–144 candidates must satisfy the course requirements for the degree they wish to take.

<i>Course and Course Requirements</i>	<i>Description of Course Page</i>
B.Sc. Economics	170
'O' level pass in Mathematics expected	
LL.B.	239
No course requirement	
LL.B. with French Law	243
'A' level pass in French required	
LL.B. with German Law	246
'A' level pass in German required	
B.A. Geography	216
'O' level pass in Mathematics expected	
B.Sc. Degree	
'O' level pass in Mathematics expected for:	
Geography	216
Management Sciences	223
Social Policy and Administration	228
Social Psychology	229
Sociology	230
'A' level pass in a Mathematics subject expected for:	
Mathematics/Philosophy	225
Mathematics/Statistics/Computing/Actuarial Science	220
B.A. History	249
'O' level pass in a foreign language, modern or classical, required	
'A' level pass in History or Economic History preferred	

General Course Students

Enrolment in this category is suitable for students who wish to follow a full-time course of study at the School for one year only. The facilities are intended mainly for foreign students, and attendance does not count towards any degree awarded by London University.

1. Applications for General Course registration will be considered from undergraduates who will have completed at least two years of study in a foreign university by the time of their enrolment at the School. Highly qualified graduate students who wish to do general work in the social sciences may also apply. Graduates who wish to follow a more specialised course without preparing for a degree, should apply for Research Fee registration (see pages 157 and 254).
2. General Course enrolment enables a student to attend lectures and classes and receive tuition at the School for one academic year only.
3. The number of students admitted each year is limited.
4. (a) The Tutor to General Course students has general responsibility for the arrangements for students in this category and will address newly-arrived students at the beginning of the year as part of a reception programme.
(b) Every student is allocated to a tutor, who will advise in the selection of courses and act throughout the session as supervisor.
(c) The student may attend most lecture courses and may also join classes.
(d) The student has full use of the Library without payment of any additional fee.
5. (a) At the end of the course each student will be given, on request, a certificate of registration. This certificate lists the lectures and classes for which the student was registered, but does not include a detailed record of attendance.
(b) The student may apply to write up to four examination papers in subjects of his own choosing. The results of any examinations are added to the registration certificate.
(c) A tutor's confidential report will also be made available, on request, to the student's home university.

The School does not grade students or award credits on the American model. *Before committing themselves to attendance, students should, therefore, ensure that the facilities outlined above will satisfy the requirements of their home university.*

6. Application forms for General Course registration may be obtained from the Assistant Registrar of the School. An application fee (non-refundable) of £15 (or its equivalent in foreign currency) must be submitted at the time of application.

Occasional Students

1. Occasional students are entitled to select up to three lecture courses per term from those listed in the Sessional Timetable. They are normally required to enrol for a complete course or for a whole term; registration for single lectures is not permitted. Classes and seminars are not normally open to Occasional students. The fee for most courses is £2 per hour. Refunds of fees are not normally available.
2. Applicants for admission as Occasional students must normally be in full-time employment.
3. A person seeking admission as an Occasional student should obtain a form of application from the Assistant Registrar of the School and return it at least four weeks before the opening of the term in which he wishes to attend.
4. Applicants will be asked to state their qualifications for study at the School and the purpose for which they wish to study, and they may be invited to attend for interview before admission. In view of pressure on teaching resources and accommodation, only a limited number of Occasional students will be accepted. Candidates for external

degrees of this University may not normally be registered as Occasional students.

5. If the application is accepted the student will, on payment of the fees receive a card of admission for the courses named thereon and must produce it on demand.
6. Occasional registration does not entitle a student to tutorial assistance. The teaching facilities are strictly limited to attendance at the courses for which the individual student is registered.
7. An Occasional student will be allowed full use of the Main Library but not of the Teaching Library.
8. At the end of their attendance students will, on request, be given a typed certificate listing the courses for which they have been registered, but this certificate will not include a detailed record of attendance.

The Pre-Law Programmes

There are two programmes: a pre-law semester (running from September to December) and a pre-law year (three terms from October to June). However for the time being students will not be admitted to the year course, and applications will only be considered for the Semester course. They draw upon the School's long tradition of teaching and studying Law in a Social Science setting and are designed to introduce students to the central issues concerning the operation of law in the modern world. The primary aim is to explore the historical, social and political context of a twentieth century legal system. The programmes are specially constructed for college students or immediate post-graduates who are interested in learning about the role of Law in society or in getting an introduction to legal techniques. They are not intended to duplicate a freshman year in Law school.

Pre-Law Year

Students are required to take at least seven courses made up as follows:

1. Introduction to Juristic Techniques
2. Constitutional Theory
3. Obligations I
4. British Constitution
5. Obligations II
6. and 7. *One* of the following full-year courses:
 - (a) Jurisprudence
 - (b) Soviet and Yugoslav Legal Systems
 - (c) Dispute Settlement
 - (d) Women and the Law
 - (e) Economic Analysis of Law
 - (f) Legal and Social Change
8. Sociology of the Law (optional)

Pre-Law Semester

Students are required to take four single courses as follows:

1. Introduction to Juristic Techniques
2. Constitutional Theory
3. *Either* (a) Sociology of Law
or (b) Obligations I
4. *Either* (a) Sociology of Law (if not chosen under 3.)
or (b) Obligations I (if not chosen under 3.)
or (c) *One* of the following:
 - (i) Economic Analysis of Law
 - (ii) Jurisprudence
 - (iii) Dispute Settlement
 - (iv) Women and the Law

Certification

At the end of each programme each student will be given on request a certificate of registration. The certificate lists the lectures and classes which the student registered for but does not include a detailed record of attendance.

A leaflet about the programmes and application forms are available on request from the Assistant Registrar.

University Registration

Students of the School who are reading for degrees or diplomas of the University of London are registered by the School as internal students of the University.

Regulations for Students

Preamble

1. The School exists for the pursuit of learning. Its fundamental purpose can be achieved only if its members can work peacefully in conditions which permit freedom of thought and expression within a framework of respect for the rights of other persons.

The Regulations exist to maintain these conditions and protect the School from actions which would damage its academic reputation or the standing of the School and its members.

Alterations and Additions

2. There shall be a Rules and Regulations Committee. The Committee shall consist of the Director, three Academic Governors, and three other members of the Academic Board elected annually by the Board, the President and Deputy President of the Students' Union and three other student members elected annually from among the registered full-time students in accordance with Regulation 25. The Committee may make recommendations for alterations and additions to these Regulations to the Standing Committee of the Governors and such alterations or additions shall come into effect forthwith upon publication after the approval of the Standing Committee has been given. If at any time the Standing Committee does not accept a recommendation of the Rules and Regulations Committee it shall state its reasons to that Committee in writing.

3. The Rules and Regulations Committee may also make recommendations to the Director on Rules for the conduct of School affairs, and the Director or any other person authorised by him may make and issue Rules that are not inconsistent with these Regulations after consultation with the Committee. The Director or any other person authorised by him may also, in circumstances which in the opinion of the Director or such other person constitute an emergency, issue Instructions for the duration of the emergency.

General

4. No student of the School shall:

- (a) Disrupt teaching, study, research or administrative work, or prevent any member of the School and its staff from carrying on his work, or do any act reasonably likely to cause such disruption or prevention;
- (b) Damage or deface any property of the School, or do any act reasonably likely to cause such damage or defacing;
- (c) Use the School premises contrary to Regulations and Rules, or do any act reasonably likely to cause such use;
- (d) Engage in any conduct which is, or is reasonably likely to be, clearly detrimental to the School's purposes.

Academic Matters

5. The Director may at his discretion refuse to any applicant admission to a course of study at the School or continuance in a course beyond the normal period required for its completion. He may refuse to allow any student to renew his attendance at the School as from the beginning of any term, on the ground of the student's lack of ability or of industry, including failure in a degree examination or other examination relating to a course, or failure, without adequate reason, to enter for an examination after completing the normal course therefore, or for any other good academic cause.

The Press

6. The admission to the School of representatives of the press, radio or television shall be governed by Rules made under these Regulations.

Public Statements

7. A student using the name or address of the School on his own behalf or on behalf of an organisation in a public statement or communication shall make clear his status as a student, and the status of any such organisation.

Copyright in Lectures

8. The copyright in lectures delivered in the School is vested in the lecturers, and notes taken at lectures shall be used only for purposes of private study. Lectures may not be recorded without permission of the lecturer. Any recording permitted is subject to the conditions (if any) required by the lecturer.

Misconduct

9. Any breach by a student of these Regulations constitutes misconduct and renders the student guilty of such a breach liable to penalties as laid down in these Regulations. Misconduct shall not be excused by the fact that the offender may have acted on behalf of, or on the instructions of, any other person or organisation.

10. If suspension from any or all of the facilities of the School has been imposed by a Summary Tribunal or by a Board of Discipline, or by the Director or under his authority under Regulation 24, and the student upon whom it has been imposed fails during the period of the suspension to comply with its terms, this failure shall itself be misconduct.

11. If a student is convicted of a criminal offence in the courts which relates to an act committed within the School or immediately affecting the School or committed in such circumstances that the continued presence of the offender within the School may be clearly detrimental to the well-being of the School, the fact of a conviction will not necessarily preclude the institution of disciplinary action by the School under these Regulations.

Penalties for Breaches of Regulations

12. The following penalties may be imposed for a breach by a student of any of these Regulations:

Reprimand.

A fine not exceeding £25.

Suspension from any or all of the facilities of the School for a specified period.

Expulsion from the School.

In any case where a penalty is imposed (other than a reprimand) the Director or the authority imposing the penalty may suspend its coming into force conditionally upon the good behaviour of the offender during the remainder of his membership of the School.

13. A Board of Discipline may impose any of the penalties listed in Regulation 12. A Summary Tribunal may impose any of the following penalties:

Reprimand.

A fine not exceeding £25.

Suspension from any or all of the facilities of the School for a period not exceeding six weeks.

Disciplinary Procedures

14. Where any member of the staff or any student of the School believes that a breach of the Regulations has been committed by a student of the School he may file a complaint against that student for misconduct. The complaint shall be filed in writing with the Secretary, who will investigate the matter.

Should the Secretary be satisfied that a *prime facie* case exists, she will refer the complaint to the Director, or to another person authorised by the Director, and the Director or such person shall decide whether the complaint shall be proceeded with, and, if so, whether before a Summary Tribunal or before a Board of Discipline. In

deciding whether proceedings shall take place before a Summary Tribunal or a Board of Discipline the Director or the person authorised by him shall have regard to the seriousness of the alleged misconduct. Where the decision is made to proceed the Director or the person authorised by him shall formulate the charge or cause it to be formulated, and convene a Summary Tribunal or Board of Discipline as the case may require.

15. Subject as hereinafter provided, the members of Summary Tribunals and Boards of Discipline shall (other than the Chairman of a Board of Discipline) be drawn from a Disciplinary Panel and a Student Disciplinary Panel:

Provided that

(a) If a person who has been selected as a member of a Tribunal or Board, and to whom not less than seventy-two hours' notice of its convening has been despatched, is absent during any part of the proceedings of the Tribunal or Board, he shall thereafter take no further part in the proceedings and his absence shall not invalidate the proceedings unless the number of those present throughout the proceedings (including the Chairman) falls below two in the case of a Summary Tribunal or four in any other case.

(b) Students against whom charges of misconduct are laid shall have the right, if they so wish, to be heard by a disciplinary body without student members provided it is otherwise properly constituted.

16. The Disciplinary Panel shall consist of ten lay Governors appointed annually by the Court of Governors and ten members of the academic staff who are appointed teachers of the University of London or recognised teachers of the University of London of at least two years' standing at the time of selection, selected annually by lot in accordance with Regulation 27:

Provided that

(a) No Governor who is a member of the Standing Committee of the Court of Governors shall be a member of the Disciplinary Panel.

(b) No member of the Rules and Regulations Committee shall be a member of the Disciplinary Panel.

17. The Student Disciplinary Panel shall consist of ten persons who are registered full-time students selected annually by lot in accordance with Regulation 26.

18. Subject to Regulation 29, appointments of Governors to and selection of academic members of the Disciplinary Panel and the selection of the Student Disciplinary Panel shall take place in the year preceding the year of office, which shall commence on 1 August in each year. Additional appointments and selections may be made during the year of office to fill casual vacancies.

19. The members of a Summary Tribunal or of a Board of Discipline (other than lay Governors, who shall be selected by the person convening a Board, and the Chairman) shall be selected from the appropriate Panels by lot. No person shall be eligible for selection as a member of a Tribunal or Board if he is himself the subject of the case intended to be referred to that Tribunal or Board, or if he is the person who has brought the complaint, or if in the opinion of the person convening the Tribunal or Board it would be unfair to the person who is the subject of the case if he were to be selected. If at the commencement of a hearing a member of a Tribunal or Board is successfully challenged by the student who is the subject of the case, or his representative, that member shall be replaced by another person selected in a like manner.

20. Subject to Regulation 15, a Summary Tribunal shall consist of two academic members of the Disciplinary Panel and one member of the Student Disciplinary Panel. The Chairman of a Summary Tribunal shall be appointed from the Disciplinary Panel by the person convening the Tribunal. The decision of a Summary Tribunal shall be by a majority. At least seventy-two hours before a Tribunal meets, the student alleged to have committed a breach of these Regulations shall be informed in writing of the date of the hearing and of the nature of the breach which he is alleged to have committed. At

the hearing of the Summary Tribunal he shall be entitled to be represented by an advocate of his own choice, who may be a lawyer. He or his representative shall be entitled to cross-examine any witness called, and to call witnesses in his defence. He shall further be entitled to give evidence and to address the Tribunal in his defence. The Summary Tribunal shall report its findings and the penalty (if any) imposed in writing to the student concerned and to the Director.

21. In every case where a Summary Tribunal reports that a breach of Regulations has been committed the student concerned shall be entitled to request, within forty-eight hours of being informed of the report and of the penalty proposed to be imposed, that the decision be reviewed by an Appeals Board consisting of two members of the Disciplinary Panel who shall not be persons concerned in the original hearing, selected in the same manner as the academic members of the Summary Tribunal. The Appeals Board shall not re-hear evidence, but otherwise shall determine its own procedure. It shall report its decision in writing to the student concerned and to the Director.

22. Subject to Regulation 15, a Board of Discipline shall consist of two members of the Disciplinary Panel who are also lay Governors, two academic members of the Disciplinary Panel, two members of the Student Disciplinary Panel and a Chairman who shall be a practising member of the Bar of at least seven years' standing who is not a member of the School and who shall be appointed in consultation with and subject to the agreement of the Vice-Chancellor of the University of London. The decision of a Board of Discipline shall be by a majority. At least three weeks before a Board of Discipline meets, the student alleged to have committed a breach of these Regulations shall be informed in writing of the date of the meeting and of the nature of the breach which he is alleged to have committed. At the hearing of the Board of Discipline he shall be entitled to be represented by an advocate of his own choice, who may be a lawyer. He or his representative shall be entitled to cross-examine any witness called, and to call witnesses in his defence. He shall further be entitled to give evidence and to address the Board in his defence. The Board of Discipline shall report its findings and the penalty (if any) imposed in writing to the student concerned and to the Director.

23. In every case where the Board of Discipline reports that a breach of Regulations has been committed the student concerned shall be entitled, within three weeks of being informed of the report and of the penalty proposed to be imposed, to appeal to an Appeals Committee of two members, neither of whom shall be members of the School, appointed in consultation with and subject to the agreement of the Vice-Chancellor of the University of London. The Appeals Committee shall not re-hear evidence but otherwise shall determine its own procedure and shall report in writing its decision to the student concerned and to the Director.

24. At any time when a decision to refer an alleged offence to a Board of Discipline is under consideration, or after any such reference has been made, the Director or a person under his authority may suspend the student concerned from all or any specified use of the School facilities pending the decision of the Board of Discipline.

Any order for suspension made pending a decision to refer shall lapse at the end of two weeks and shall not be renewable unless the case is, within that time, referred to a Board of Discipline. Any suspension under this Regulation will not be construed as a penalty, nor will it be reported to a grant-giving body as a penalty.

Student Members of Rules and Regulations Committee

25. The student members of the Rules and Regulations Committee shall be elected annually in the academic year preceding the year of office, which shall commence on 1 August in each year. Nomination of candidates shall be carried out in like manner to the nomination of candidates for the election of the President of the Students' Union. The election shall be by postal ballot and shall be conducted by the Secretary. The President of the Students' Union shall be entitled to nominate a student to observe the conduct of the election.

Student Disciplinary Panel

26. The annual selection of members of the Student Disciplinary Panel shall be made by the Secretary in the academic year preceding the year of office, using a random selection process. In making this selection she shall seek the advice of an Appointed Teacher in Statistics of the University. She shall exclude from the selection students whose courses she anticipates will be completed during the year of selection. She shall notify the persons selected and shall ask them to state in writing whether they agree to serve as members of the Panel. If within fourteen days of this notification any of the persons selected has not given his consent, further selections shall be made in like manner until ten persons have been selected and have agreed to serve. Any casual vacancies that arise during the year of office may be filled by further selection in like manner from the same group of persons. The President of the Students' Union shall be entitled to appoint a student to observe the conduct of the selection.

Academic Members of Disciplinary Panel

27. The annual selection of the academic members of the Disciplinary Panel shall be made by the Secretary in the academic year preceding the year of office using a random selection process. In making this selection she shall seek the advice of an Appointed Teacher in Statistics of the University. She shall exclude from the selection persons who she anticipates will be absent from the School for any period in term time exceeding four weeks during the year of office for which the selection is made. She shall notify the persons selected and shall ask them to state in writing whether they agree to serve as members of the Panel. If within fourteen days of this notification any of the persons selected has not given this consent, the Secretary shall make further selection in like manner until ten persons have been selected and have agreed to serve. Any casual vacancies that arise during the year of office may be filled by further selection in like manner from the same group of persons.

Miscellaneous

28. These regulations shall come into force on 29 September 1969.

29. The first appointments to and selections for the Disciplinary Panel and the first selection of the Student Disciplinary Panel shall exceptionally be made and held as soon as practicable after 29 September 1969 and the members of each Panel as so constituted shall hold office until 31 July 1970.

30. Any disciplinary proceedings pending on 29 September 1969 and any appeal from any finding or penalty imposed in any disciplinary proceedings which is pending on such date shall, notwithstanding the coming into force of the Regulations, continue to be governed by and in the manner available under the Regulations for Students in force at the time when the pending proceedings or appeal were commenced.

31. Until the first Disciplinary Panel has come into existence a Summary Tribunal shall be duly constituted if its members (other than the student) consist of two members of the academic staff appointed by the person convening the Tribunal, and a Board of Discipline shall be duly constituted if its Chairman has been nominated as laid down in Regulation 22 and its other members (other than students) consist of any four persons appointed by the person convening the Board from the Board of Discipline in existence immediately before these Regulations come into force. If at any time there shall be no duly constituted Student Disciplinary Panel in existence a Summary Tribunal or a Board of Discipline shall be duly constituted if the Tribunal or Board as the case may be has no student members provided that it is otherwise properly constituted. Selection of members of a Summary Tribunal or Board of Discipline under Regulation 19 shall not be invalid only by reason of the fact that at the time of selection the number of members of the Disciplinary Panel or Student Disciplinary Panel is less than that specified in Regulation 16 or 17, as the case may be.

32. Rules and Instructions issued under these Regulations shall be deemed part of the Regulations. All Rules in force immediately before these Regulations come into force

shall remain valid and shall be deemed part of these Regulations until they have been amended, altered or cancelled under the provision of Regulation 3.

33. An accidental defect in the constitution of a Summary Tribunal or Board of Discipline shall not invalidate its procedure.

34. Any actions that these Regulations require to be carried out by the Secretary may be carried out by a person acting under her authority. In the absence or incapacity of the Secretary her functions, under these Regulations may be exercised by her Deputy or by another person authorised by the Director, and references to these Regulations to the Secretary shall be read to include her Deputy or any such person.

Fees

1 The fees stated are payable for the academic year 1984-85. They may not apply thereafter.

2 Students are normally expected to pay fees by the session and fees are due to be paid not later than the end of the first week of the Michaelmas term.

On application to the Academic Registrar or the Secretary of the Graduate School, permission may be given by the School for payment to be made by instalments and in that case the following arrangements will apply:

- (i) Michaelmas terms fees should be paid by the end of the first week of that term;
- (ii) the balance of the sessional fee due for the Lent and Summer terms should be paid by the end of the first week of the Lent term;
- (iii) any student who wishes to defer payment of fees for the Summer term beyond the first week of the Lent term should again apply for permission to the Academic Registrar or the Secretary of the Graduate School, who will ask for full reasons why this permission should be granted.

3 If fees are not paid when due registration will be incomplete and the student will not be entitled to use any of the School's facilities unless an extension of time to pay is allowed in writing by the School. The School reserves the right to withhold or, where appropriate, to ask the University to withhold the award of a degree or diploma to any student owing fees.

4 The fees stated are composition fees and cover registration, teaching,¹ first entry to examinations,² the use of the library and membership of the Students' Union. For students working under intercollegiate arrangements the fees also cover teaching and the use of student common rooms at the other colleges which they attend.

5 Separate fees are payable by students from overseas.

6 Students who withdraw in mid-course having given notice of their intention to do so may apply for a refund of an appropriate portion of fees paid.

7 Enquiries about fee accounts should be made in the first instance to the Registry or the Graduate School Office.

8 Fees should, as far as possible, be paid by cheque and remitted BY POST to the Accounts Department, Room H.402. Cheques should be made payable to the 'London School of Economics and Political Science' and should be crossed 'A/c. Payee'.

¹Composition fees do not include the cost of field work or practical work required to be undertaken in vacation or term time.
²The first entry to all examinations required by the regulations of a student's course is covered by the composition fee. Students needing information about re-entry fees for examinations should enquire at the Registry or Graduate School Office.

Full-time Students				
Sessional Fees	HOME AND EEC	OVERSEAS		
		in 1984	beginning in 1981, 1982 & 1983	before 1980
All first degrees				
General Course				
Trade Union Studies	£500	£3250	£3150	£1653
*M.Sc. and Diploma in Social Planning in Developing Countries	£1569	£3550	—	—
M.Sc. in Sea-Use Law, Economics and Policy- Making	£3550	£3550	—	—
Diploma in the Management of Information Systems	£3500	£3500	—	—
LL.M.	£1569	£3150	—	—
All other higher degrees School diplomas, University diploma and research fee	£1569	£3250	£3150	£2148
Part-time Students				
Sessional Fees		beginning		in
HOME, EEC AND OVERSEAS		in		1980
		1982, 1983 & 1984		
†First degrees (where applicable)		£125		—
All higher degrees		£565		£450
Research Fee		£565		£450
Continuation Fee: Home and Overseas		£159		£159

*These courses were initiated with the help of funds provided by Foundations. They are now supported through sponsorship by government and other official agencies. The School is prepared to consider applications for a small number of bursaries from private candidates who are unable to afford the fees for these courses.

†Part-time Registration

The School may admit each year a small number of students to follow part-time courses for a first degree by course units. The numbers are severely restricted and the fields of study available are few in number. This form of registration is intended for persons who are unable to obtain financial support for full-time courses or for any of the School's full-time students who may be given permission to take a year of part-time study before resuming their full-time courses. Further details are available from the Assistant Registrar (Admissions).

Students Registered with the Graduate School

(i) Graduate students undertaking research not leading to a degree, or undertaking studies leading to a research degree of a university other than London, will be classified as research students and may be required to pay the research fee.

(ii) The continuation fee is payable by research degree students who have completed their approved courses of study, but have been permitted to continue their registration. It entitles them to receive advice from their supervising teachers and to attend one seminar, but not to attend any lecture courses. These arrangements apply to research degree students after they have been registered at L.S.E. for the M.Phil. or Ph.D. full-time for three years or part-time for four years.

Fees for Occasional Students

Approved students are admitted on payment of appropriate fees, the amounts of which will be quoted on request. For general guidance it may be stated that the fee for most courses is £2 per hour. Thus, for example, the fee for a course of ten lectures of one hour each is £20.

Financial Help Available to Applicants and Students

In general the School expects all students admitted to courses to make adequate arrangements for their maintenance and the payment of their fees, including making allowance for unavoidable increases.

The School is prepared, however, to consider applications for help from persons wishing to begin courses who lack the necessary funds to meet all their costs, and from students who fall into financial difficulties during a course. It uses funds from two sources: its own resources, and money donated in response to a major appeal launched in 1979 (the LSE 1980s Fund) when it was foreseen that high fees were going to cause problems for many students.

Information in the following paper covers these subjects:

Public Awards

Help offered by the School

Scholarships, Studentships and Prizes offered under Trust Deeds and administered by the School.

Public Awards

(A) Undergraduates

The usual grant-awarding body for a student who lives in England, Wales or Northern Ireland is the Local Education Authority. Scottish students should enquire at the offices of the Scottish Education Department, Haymarket House, Clifton Terrace, Edinburgh.

(B) Postgraduates

The principal sources of public awards for postgraduates at the School are the Social Science Research Council, the Science and Engineering Research Council, the Natural Environment Research Council and the British Academy. Students may not apply direct to these bodies but should enquire at the School (Scholarships Officer).

Assessment of Need

In assessing whether a student really needs help the School authorities take into account his income and expenditure as compared with that of students in the same category i.e. home or overseas, new student or continuing etc. It is normally assumed that students from overseas require more money for their maintenance than students whose homes are in Britain. This is because of the higher cost of covering vacation expenses or travelling to and from the home country.

Types of Help offered by the School

All awards are normally open to undergraduates and postgraduates, irrespective of fee, in any year of any course.

The main forms of help that are made available are these:

Scholarships

Awarded only to students of outstanding academic ability who are in financial need. An award can cover fees and there may be help with maintenance costs.

Loans

All loans are interest-free

- Short-term — up to £50 — repayable within a few weeks.
- Medium-term — larger sums for longer periods but usually repayable within the academic year.

- Long-term — larger sums for longer periods, normally repayable within three years of leaving the School.

Work Awards

Payment or reduction of fees made to students who undertake some form of work for the School in return e.g. work in the Library, statistical, environmental improvement, as available from time to time.

Bursaries

Grants made to help with hardship. They may be used to reduce the fees payable or form cash grants to applicants

Notes for Applicants

If you wish to seek help you should obtain an application form from the Registry (H.310), the Graduate School Office (H.201) or the Scholarships Officer (H.212). You should ask there and then about anything which is unclear, because there is normally someone available for this purpose.

It is most important that you should set out your case clearly, giving all the information which you think might help the School to reach a decision quickly. All information supplied will be regarded as confidential and knowing this students are asked to be full and frank in their statements. It is sensible to make sure that your Tutor or Supervisor knows of your problem, because he/she might be able to write in support of your application.

When you have completed the form please leave it with the Scholarships Officer. It will be considered by the Committee appointed by the School for this purpose. You might be invited to attend for interview though this will not normally be necessary if your application is clear, full and unambiguous.

Decisions and Appeals

After the Committee have obtained all the possible information they require on which to determine your application they will make a recommendation for or against an award. As soon as a decision on the recommendation has been made an administrative officer will write to tell you, at your term-time address. If the decision is in your favour you will be told how the School is going to help you.

If you do not obtain the help you seek you may ask for a review, with or without submitting fresh material. You will normally be invited to attend for an interview to present your case at the review.

Time for Decisions

The time taken for decisions to be reached on the different forms of help will vary considerably, according to the nature of the application. The following should be taken as a rough guide:

Form of Help

Time for Decision

Short-term loan

up to £50 either at once or within a few hours; for larger sums, within 14 days.

Scholarship
Long-term loan
Bursary
Work Award

within 14 days: if longer a letter will be sent to the applicant giving the reasons for the delay

Scholarships, Studentships and Prizes offered under Trust Deeds and administered by the School

(a) Undergraduate Scholarships

These Scholarships may be awarded annually on the basis of academic achievement at the School. Applications are not required and all candidates in the appropriate categories are considered.

Name	Value	Eligibility or Department where offered
Entrance Scholarships	£100	First year students: all degrees
Institute of Chartered Secretaries and Administrators	£300	B.Sc. (Econ.), B.Sc. Management Sciences and LL.B. second or third year
Lillian Knowles	£150	Best results in Part I of B.Sc. (Econ.) specialising in Economic History at Part II
Harold Laski	£150	B.Sc. (Econ.) second or third year, specialising in Government
LSE 1980s Fund Undergraduate Scholarships	Fees and maintenance	For undergraduate work in the social sciences
C. S. Mactaggart	£250	B.Sc. (Econ.) second or third year
Metcalfe	£100	B.Sc. (Econ.) second or third year women students
Norman Sosnow Travel Scholarship	£500	For travel anywhere outside the United Kingdom
Senior Scholarships	£100	Second and third year students; all degrees
Stern Scholarships in Commerce	£125	Awarded on basis of final examination, B.Sc. (Econ.) or B.Sc. by course units in Faculty of Economics for postgraduate study in a field of commercial interest
Third World Foundation Undergraduate Scholarship	Fees only	B.Sc. (Econ.) degree who wishes to specialise at Part II of the course in a subject which is likely to create a greater awareness of

the problems of the Third World. Preference to students from Third World countries

(B) Undergraduate Prizes

These prizes are awarded on the basis of academic performance at the School. Applications are not required.

Allyn Young	£20	Performance in certain papers of Part I B.Sc. (Econ.)
Arthur Andersen Prizes	£60; £40	Best and second best performance in the examination Accounting and Finance I, by second year B.Sc. (Econ.) students
Bassett Memorial Prizes	(i) £30	Performance in B.Sc. (Econ.) final examination, specialising in Government or Government and History, especially government of Great Britain
	(ii) £20	Performance in Trade Union Studies course
Janet Beveridge Awards	(i) £50	Third year B.Sc. in Social Science and Administration
	(ii) £50	First or second year B.Sc. in Social Science and Administration
Coopers and Lybrand Prizes	£60; £40	Best and second best performance in the examination, Accounting and Finance III
Deloitte Haskins + Sells Prizes	£60; £40	Best and second best performance in the examination, Accounting and Finance II
William Farr Prize	£25 and silver medal	Performance in B.Sc. (Econ.) Part II examination, specialising in Statistics or Computing
Morris Finer Memorial Prize in Law	£100	Performance at Part I of LL.B.

Maurice Freedman	£50	Best dissertation for special essay paper in Social Anthropology; third year
Geoids Book Prize in Memory of S. W. Wooldridge	about £15	Student who makes a distinctive contribution to the life of the Joint School of Geography at King's College and LSE
Gonner Prize	£15	Performance in certain special subjects of B.Sc. (Econ.) degree final examination
Gourgey Prize	£7.50	Best project report submitted for Trade Union Studies course
Hobhouse Memorial Prize	£50	Performance in final examination B.Sc. Sociology or B.Sc. (Econ.) specialising in Sociology at Part II
Hughes Parry Prize	£50	Performance in subject of Law of Contract in Intermediate examination in Laws
Maxwell Law Prize	£75	Performance in Part I of LL.B.
Mostyn Lloyd Memorial Prize	£50	Performance in Diploma in Social Science and Administration
George and Hilda Ormsby Prizes	(i) £50	Performance in B.A./B.Sc. in Geography or B.Sc. (Econ.) specialising in Geography at Part II
	(ii) £50	Best piece of original work in Geography
Peats Prizes	£60; £40	Best and second best performance in the examination, Elements of Accounting and Finance, by first year B.Sc. (Econ.) students
Gilbert Ponsonby Memorial Prizes	£100	Performance in Part II of B.Sc. (Econ.) final examination

Premchand Prize	£100	Performance in special subject of Monetary Economics at Part II of the B.Sc. (Econ.) examination
Raynes Undergraduate Prize	£50	Best Performance in Part II of the B.Sc. (Econ.) examination
School Prize for Mathematicians	£125	Excellence in mathematical subjects in final examination of B.Sc. degree.
S. W. Wooldridge Memorial Awards	—	To assist independent projects of field study by students registered in Joint School of Geography of King's College and LSE

(c) *Postgraduate Studentships*

These Studentships are all awarded on the basis of competitive interview after admission to the School. Competition is intense.

Acworth Scholarship	£500	Graduate work in inland transport subjects
Delia Ashworth Scholarship	£275	Diploma course in Social Science and Administration
William J. Baumol Studentship		
Harry G. Johnson Studentship		
Abba P. Lerner Studentship	at least	Graduate work in Economics. Preference given to students from North America
Sir Arthur Lewis Studentship	£3,000	
Daniel Patrick Moynihan Studentship		
Edward Shils Studentship		
Montague Burton Studentships in International Relations	£800 minimum	Graduate work in International Relations. Preference given to those wishing to qualify themselves for university teaching in International Relations
<i>(from the endowment provided by the late Sir Montague Burton and with additional funds donated by his daughter and three sons)</i>		
Morris Finer Memorial Studentships	Fees and maintenance	Research in socio-legal field on certain specified topics
Graduate Studentships	Fees and some maintenance	Graduate work in the social sciences
Graduate Studentships in Social Sciences	Fees and some maintenance	Graduate work in the social sciences

Hatton and Medlicott Awards	Interest-free loan up to £1000	Research in International History
C. K. Hobson Studentships in Economics	Fees and some maintenance	Graduate work in Economics
Hutchins Studentship for Women	£500	Research in the social sciences preferably Economic History
IBM awards for European Doctoral Programme	£3000 available	Graduate work under auspices of European Doctoral Programme for which student must be registered at LSE
Rees Jeffreys Road Fund Award	Fees and maintenance	Research in the field of transport
Madge Waley Joseph Scholarship	£40	Woman student registered for one-year course in Social Science and Administration
Kahn-Freund Award	Fees and some maintenance	Graduate work in law in specified fields of interest
Jackson Lewis Scholarship	£700	Graduate work in social sciences
LSE 1980s Fund Studentship	Fees and some maintenance	Graduate work in the social sciences
Loch Exhibitions	£100	Students registered for a Diploma course in the Department of Social Science and Administration
Andre Mannu Studentship	£3500 approx.	Graduate work in Philosophy, Logic and Scientific Method
Metcalf Studentship	At least £500	Woman student for research in social sciences, especially for study of a problem bearing on the welfare of women
Robert McKenzie Canadian Scholarship	\$3,000 (Canadian)	Graduate work in the Social Sciences. Applicants should

Gilbert Ponsonby Memorial Awards	Grants or loans	have a first degree from a Canadian university Postgraduate students from developing countries registered in Department of Economics
Eileen Power and Michael Postan Awards	£500	Research in Social or Economic History. Preference to candidates whose research is undertaken in some country other than the country of their usual residence. Awards may be in the form of a studentship or travel or other research expenses
Rosebery Studentship	£450	Graduate work in social sciences, preference given to those including some aspect of transport in their studies
Suntory-Toyota Studentships	Fees and some maintenance	Research work in specified fields of study for which the International Centre for Economics and Related Disciplines was established
Third World Foundation Research Award	Fees only	For research which is likely to create greater awareness of the problems of the Third World. Preference given to students from Third World countries
Eileen Younghusband Memorial Fund Awards		Applications are invited for awards to support proposals which provide innovative studies and research in social work including study visits to the U.K., projects to increase capacity of institutions to provide learning opportunities for students from the Third World, and projects which enable social workers to help in disaster situations. For further information, please apply to: The Trustees of the Eileen Younghusband Memorial Fund, London School of Economics and Political Science, London, WC2A 2AE.

American Friends Scholarships Financial aid to graduate students in the form of fee awards may also be available from the American Friends of LSE (AFLSE). Applicants must be citizens or permanent residents of the United States of America and must have applied for admission to a graduate programme at LSE. Students who are already enrolled at LSE are not eligible. Selection is based on college transcripts, two letters of recommendation, a personal statement of reasons for selecting LSE and the proposed course of study, and financial need. Completed applications must reach AFLSE by 1 March of the intended year of enrolment. Enquiries about eligibility should be sent directly to the Chairman, Scholarship Committee, American Friends of the London School of Economics, Suite 203, 1302 Eighteenth Street, NW, Washington DC 20036, USA.

(d) *Postgraduate Prizes*

These prizes are awarded on the basis of academic achievements at the School. Applications are not required.

Bowley Prize	£60	Written work in the field of economic or social statistics completed within four years prior to 1 January 1984
Ely Devons Prizes	£60	Best student registered for M.Sc. (Economics); best student for M.Sc. (Econometrics and Mathematical Economics)
Firth Awards	£175	Best paper contributed to a seminar in Department of Anthropology by a graduate student
Gladstone Memorial Prize	£100	Student registered for Masters degree who submits best dissertation on subject connected with History, Political Science or Economics including some aspect of British Policy
George and Hilda Ormsby Prize	£60	Graduate work in Geography

Robson Memorial Prize — To help present or recent students of the School prepare for publication as articles or books work in subject area of interest to the late Professor Robson

(e) *Awards open to both Undergraduates and Postgraduates*

Vera Anstey Memorial Award	—	Regard will normally be had to Dr. Anstey's special interest in India, Pakistan, Bangladesh and Sri Lanka
S. H. Bailey Scholarship in International Studies; and School Scholarship in International Law	£100	Awards are offered in alternate years. To enable attendance at some institute of international study; or to attend a session at the Academy of International Law at the Hague
Baxter-Edey Awards	£3000 available	Accounting and Finance: second and third year undergraduates or postgraduates
Christie Exhibition	£60 if an annual award; £120 if offered biennially	Students registered in Department of Social Science and Administration
W. G. Hart Bursary Award	£800	Undergraduate or graduate work in Law
Japan Air Lines Travel Awards		Through the generosity of Japan Air Lines, air tickets are available for part or complete journeys to London. Japan Air Lines presently flies to London from Abu Dhabi, Auckland, Bangkok, Cairo, Copenhagen, Delhi, Fiji, Fukuoka, Guam, Honolulu, Kuala Lumpur, Manila, Moscow, Osaka, Paris, Pusan, Rome, Saipan, Sapporo, Seoul, Singapore, Sydney and Tokyo. A change of aircraft during the journey may be necessary. Any students who need help with their fares to come to LSE and who could join one of these routes should apply to the Scholarships Officer at the School

Robert McKenzie Scholarship £1,000

Preference given to students from Canada and to those wishing to study Sociology, particularly Political Sociology and other related fields which would have been of interest to the late Professor McKenzie

Scholarships and Studentships awarded by the University of London

The University of London offers a number of awards for undergraduate and graduate students. All enquires should be addressed to: the Scholarships Department, Senate House, Malet Street, London WC1E 7HU.

First Degree Courses

General Information

General Note: The School prepares students for degrees of the University of London. It has no power to award its own degrees.

All students should read the University Regulations for Internal Studies in the relevant faculty. They may be obtained from the University or the Registry at the School.

The School registers students for the following degrees of the University of London:

Bachelor of Science in Economics

B.Sc. Degree in the Faculty of Economics, with Main Fields in:

Geography,

Mathematics, Statistics, Computing and Actuarial Science,

Management Sciences,

Mathematics and Philosophy,

Social Policy and Administration,

Social Anthropology,

Social Psychology,

Sociology

B.A. degree in the Faculty of Arts, with Main Fields in:

French Studies

Geography

Bachelor of Arts in History

Bachelor of Laws

The information printed in this Calendar concerning these degrees is correct at the time of going to press, but minor modifications may be made by the beginning of the academic year.

The School reserves the right at all times to withdraw or alter particular courses and course syllabuses.

Students should note that for timetabling reasons, it may not be possible to make arrangements for some combinations of papers at Part II of the B.Sc. (Econ.) degree.

The approved course of study for a first degree extends over not less than three years.¹

Except by special permission of the Director, students of the School who fail at any degree examination, or whose progress has been unsatisfactory, or who have completed the normal course for an examination but, without adequate reason, have failed to enter, will not be eligible for re-registration. Students who are given this special permission will not be allowed in the year of re-registration to do any work at the School other than work for that examination in which they failed. Departures from this rule will be made only in exceptional cases and subject to such conditions as the Director may require in any particular case.

Study Guides

In the regulations which follow a Study Guide number is printed opposite each examination paper. The Study Guides are printed in detail in Part III of the Calendar, with a general explanation on page 000.

¹Graduates and persons who have obtained a Teacher's Certificate awarded after a course of study extending over not less than three years may in certain circumstances be permitted to complete the course for a first degree in not less than two years. Details may be found in the General Regulations for Internal Students obtainable from the University of London, Senate House, London WC1E 7HU.

Special Regulations for the B.Sc. (Econ.) Degree

These regulations must be read in conjunction with the General Regulations for Internal Students published by the University of London.

1. Conditions of Admission

In order to be admitted to the degree a candidate must

- (i) satisfy or be exempted from the general entrance requirements of the University of London
- (ii) be admitted to and follow an approved course of study at the London School of Economics and Political Science. The course of study for the degree normally extends over three consecutive academic years, but for advanced students the period may be two. A student registering under the regulations for advanced students will normally be required to pass the Part I examination before entry to the School. Exceptions to this requirement may be made at the discretion of the School in the case of well-qualified candidates
- (iii) pass the relevant Part I and Part II examinations.

2. Dates of Examination

Examinations will be held once in each year in the Summer Term, commencing on dates to be published in the School's Calendar. Candidates will be informed by the Registrar of the School of the time and place of the examination.

3. Entry to Examinations

Every student entering for an examination must complete and return an entry form, to be obtained from the Registrar of the School.

Students in attendance at the School are not required to pay separate examination fees. A student who for medical or other reasons approved by the School does not sit an examination while in attendance at the School may be permitted to enter for such examination on one subsequent occasion without payment of a fee, although not in attendance at the School. In all other cases students permitted to re-enter for an examination when not in attendance at the School will be required to pay the entry fees.

Details are available on enquiry at the Examinations Office.

4. Classification for Honours

The classification for Honours will be based primarily on the candidate's performance in Part II of the examination but the marks obtained in Part I may be taken into account.

5. Class List

Successful candidates at the Final examination will be awarded (1) First Class Honours, (2) Second Class Honours, or (3) Third Class Honours. The Second Class Honours List will be divided into an Upper and a Lower Division. Candidates who do not qualify for Honours may be awarded a Pass B.Sc. (Econ.) Degree; the list of such candidates will be published separately from the Honours List. The names in each class or division of the Honours List and of the Pass List will be in alphabetical order.

6. Notification of Results

A list of successful candidates will be published by the Academic Registrar of the University. The date of the award of the degree to successful candidates will be 1 August.

7. Issue of Diplomas

A diploma for the Degree of B.Sc. (Econ.) under the seal of the University, will be delivered to each successful candidate who is awarded the degree. The Diploma will state the special subject taken.

8. Aegrotat Provisions

A candidate who has completed his course of study as an Internal Student and who,

through his illness or other cause judged sufficient by the Academic Council such as death of a near relative, (i) has been absent from the whole or part of the examinations at the end of his Final year *or* (ii) though present at the whole of the examinations at the end of his Final year, considers that his performance has been adversely affected by any of the above causes, may be considered for the award of an Aegrotat or classified degree under the following Regulations.

1. An application for consideration must be made by the candidate's School on his behalf within seven days from the last day of the examination and must be accompanied by a medical certificate or other statement of the grounds on which the application is made and by records of the candidate's performance during the course and by assessments provided by the candidate's teachers.
2. If the Examiners are able to determine on the basis of examination evidence that a candidate who has been present for all papers or who has been absent from one or two papers or the equivalent of one or two papers, has reached the standard required for the award of a degree with a Pass or Honours classification they shall recommend the award of such a degree and shall not consider the candidate for the award of an Aegrotat Degree.
3. In the case of a candidate not recommended for a classified degree under paragraph 2 the Examiners, having considered the work which the candidate has submitted at the examination or in such part of the examination as he has attended, if any; records of the candidate's performance during the course; and assessments provided by the candidate's teachers; will determine whether evidence has been shown to their satisfaction that, had he completed the examination in normal circumstances the candidate would clearly have reached a standard which would have qualified him for the award of the degree. The Examiners shall not recommend the award of a class degree higher than the overall level which the candidate has achieved in the work actually presented.
4. A candidate on whose behalf an application has been made under 1 above will be informed whether the Examiners have determined that he is eligible to apply for the award of an Aegrotat Degree and that, if so, he may either:
 - (i) apply for the award of the Aegrotat Degree
 - (ii) not apply by re-enter for the same examination at a later date.
5. A candidate who under 4 above has applied for the award of an Aegrotat Degree will be informed that the degree has been conferred and will not be eligible thereafter to re-enter for the examination for the classified degree.
6. On re-entry for the classified degree, a candidate who under 4 above has been informed that he is eligible to apply for the award of an Aegrotat Degree ceases to be eligible so to apply.
7. An Aegrotat Degree will be awarded without distinction or class.
8. Holders of an Aegrotat Degree are not permitted to re-enter for the same examination, but may apply for permission to proceed to a second or higher degree on complying with the regulations for such degree.

9. Course of Study

A student shall be eligible to present himself for Part I of the examination after having satisfactorily attended approved courses extending over one academic year, and Part II after having satisfactorily attended approved courses extending over two further academic years.

10. Details of Examinations

The examination is divided into two Parts, and a candidate is normally required to pass Part I before he enters for his final Part II examination papers.

11. Part I

11.1 The examination for Part I consists of four papers to be chosen from at least three of the following groups.

Provided these requirements are satisfied, a paper in an approved foreign language may be substituted for one of the papers listed on page 00.

French, German, Russian and Spanish are at present taught at the School, but a candidate may select any other language approved by the convener of the department responsible for the candidate's intended Special Subject at Part II, provided that appropriate teaching arrangements can be made.

11.2 In addition to written papers, examiners may test any candidate by means of an oral examination.

11.3 The Board of Examiners may also at their discretion take into consideration the assessment of a candidate's course-work.

11.4 A student may, at the discretion of the Board of Examiners, be referred in one paper which must normally be passed before the beginning of his third year of study. A student thus referred may, on re-entry, choose to be examined in a different subject from that in which he was referred provided he observes the general rule in regulation 11.1 and attends a course of study in the new subject.

11.5 Where a candidate is absent through illness from one paper of the Part I examination but his performance in the remaining papers is satisfactory, he may be permitted by the School to proceed to the Part II course but he will be required to take the examination in the outstanding paper on the next occasion of examination. If the candidate then fails the paper his case shall be governed by regulations 11.4 and 12.6.

11.6 A list of successful candidates in the Part I examination will be published and the School will officially communicate to each student the grades obtained by him in the individual papers of the examination.

11.7 As a transitional arrangement, students who have begun courses under the previous regulations for the B.Sc. (Econ.) but who have, with the School's permission, temporarily withdrawn from the School, shall be eligible on re-admission to continue under the new regulations. Such students who have completed a course of study for an examination under the previous regulations shall be eligible for re-examination under these regulations. A pass in the Part I examination under the previous regulations shall be accepted as exempting from the Part I examination under these regulations.

11.8 A student who has passed courses to the value of four course-units in appropriate subjects in a Course-unit Degree of the University of London may, with the approval of the School, be permitted to transfer to the B.Sc. (Econ.) Degree with direct entry to the course of study and examination for Part II of the Degree. The marks obtained by such a student in course examination will be treated for the purpose of classification for honours as the equivalent of marks obtained in Part I of the B.Sc. (Econ.) examination.

A student of the School who has successfully completed one year of the course for a degree other than the B.Sc. (Econ.) and who wishes to transfer, but some or all of whose subjects are judged by the School to be inappropriate, may be permitted to transfer to the second year of the B.Sc. (Econ.) on condition that in Part II he takes such papers as the School may consider appropriate to satisfy the intent of the Part I regulations.

Part I Subjects

Paper Number	Paper Title	Study Guid Number
I	(a) Economics A	Ec1400
	or (b) Economics B	Ec1403
	or (c) Introduction to Mathematical Economics	Ec1408
	(d) Elements of Accounting and Finance	Ac1000
II	(a) Basic Mathematics for Economists	Ec1415
	or (b) Elementary Mathematical Methods	SM7000
	or (c) Introduction to Algebra	SM7001
	(d) Introduction to Analysis and Set Theory	SM7002
III	(a) Basic Statistics	SM7200
	or (b) Elementary Statistical Theory	SM7201
	(c) Introduction to Logic	Ph5200
	or (d) Introduction to Mathematical Logic	Ph5201
	(e) Introduction to Scientific Method	Ph5210
IV	(a) Modern Politics and Government, with special reference to Britain	Gv3010
	(b) An Introduction to Political Thought: the Greeks	Gv3000
	(c) The Language of Politics: An Introduction to Political Theory	Gv3001
	(d) English Legal Institutions	LL5020
	(e) The Structure of International Society	IR3600
	(f) Public International Law	LL5131
V	(a) Modern British Society in Historical Perspective	EH1601
	or (b) The Economic History of Great Britain and the U.S.A. 1850-1939	EH1600
	(c) Political History, 1789-1941	Hy3400
	or (d) World History since 1890	Hy3403
	or (e) The History of European Ideas since 1700	Hy3406
VI	(a) Introduction to Sociology	So5800
	(b) Introduction to Individual and Social Psychology	Ps5400
	(c) Introduction to Social Anthropology	An1200
	(d) Geographical Perspectives on Modern Society	Gy1801
	(e) Introduction to Social Policy	SA5600
	(f) Population, Economy and Society	SM7301
VII	(a) General Computing	Pn7301
	or (b) Elements of Computer Science	SM7300

Approved Foreign Language

The following languages have been approved by the School for examination in Part I:

French	German	Russian	Spanish
Ln3800	Ln3801	Ln3802	Ln3803

12. Part II

12.1 Part II of the examination consists of eight papers as prescribed for each special subject, at least two of which must be taught outside the department responsible for the special subject. The list of special subjects appears on page 00. In special circumstances the School may permit a candidate to substitute another approved course for one of the courses listed in the regulations for the special subject concerned.

12.2 Certain papers may be examined before the final year of the Part II course. Candidates may be permitted or required* to take papers in advance of the final year provided that:

- (a) Each candidate shall have the right to take two papers in advance.
- (b) No candidate may be required to take more than two papers in advance.
- (c) No fewer than four papers are taken in the final year of the Part II course.

Part-time candidates may be permitted to offer advance papers in any two years prior to the final year of the Part II course.

12.3 A Pass list will be published giving the results of each examination taken at the end of the first year of the Part II course, and candidates will be credited with any Part II paper passed.

12.4 Candidates who are unsuccessful in Part II examinations taken at the end of the first year of the Part II course may, at the discretion of the School, proceed to the Second year of the Part II course and be re-examined in the paper or papers in which they have failed.

12.5 Candidates who fail the examination for the degree may offer, at any subsequent re-examination, only those papers which they took in the second year of the Part II course, including any paper or papers in which they failed at the end of the first year of the Part II course referred to in regulation 12.4 above.

12.6 A candidate who has been referred by the Board of Examiners at Part I of the examination, and has not succeeded in passing the outstanding papers at the end of the first year of the Part II course, may be permitted by the School, in exceptional circumstances, to proceed to the second year of the Part II course when he will be required to offer the outstanding paper concurrently with his remaining Part II papers. If such a candidate subsequently fails the outstanding paper from Part I but satisfies the Examiners at Part II, he or she may be recommended for the award of a degree though the Collegiate Committee of Examiners for Part II will take the failure into account when considering their recommendation for the class of Honours, if any, to be awarded to the candidate.

12.7 The Regulations provide in some cases for a course to be examined by means of an essay. Where the regulations do not so provide, the School may, in exceptional circumstances, give permission for a candidate to offer an essay in lieu of an examination paper on a prescribed course†.

12.8 The examiners may test any candidate by means of an oral examination.

12.9 Where subjects are available at both Part I and Part II of the examination, they may be examined by separate papers and will be assessed according to the standards appropriate to the relevant Part.

12.10 Where the Regulations permit essays and reports on practical work written during the course of study to count as part of the examination either in substitution for written papers or otherwise, such essays and reports should be submitted by 1 May preceding the final examination. The School may permit reports on practical work written during the course of study to be returned to candidates.

*Candidates for special subjects VII Accounting and Finance, XI Statistics, XII Computing, XVI Geography are required to take papers at the end of the first year of the Part II course. Please see appropriate regulations.

†Where a candidate is allowed to offer work written outside the examination room, the work submitted must be his own and any quotation from the published or unpublished works of other persons must be acknowledged.

12.11 A student will not be permitted to offer as a special subject at Part II of the B.Sc. (Econ.) examination any subject which he has successfully taken as the main subject or field of another Honours degree examination.

12.12 The modern foreign languages available at Part II are French, German, Russian and Spanish, and candidates have permission to select any other language approved by the convener of the department responsible for the candidate's special subject at Part II, provided that appropriate teaching and examining arrangements can be made. No restrictions will be imposed upon a candidate who wishes to select a foreign language which is his mother tongue.

13. Supplementary Special Subjects

13.1 The School will consider an application for admission to a course of study and examination for a supplementary special subject from any person who has passed the B.Sc. (Econ.) examination under these Regulations.

13.2 Any student so admitted will normally be required to follow a course of study of not less than two academic years.

13.3 A supplementary special subject consists of not less than six papers, the selection of which must be approved by the School. The six papers will normally consist of the compulsory and optional papers prescribed for the special subject concerned. A candidate may be permitted by the School to be examined in up to three papers at the end of the first year of his two-year course.

13.4 A candidate offering a supplementary special subject may not offer a paper which he has previously offered and passed, unless it is a compulsory paper.

13.5 A candidate who enters and passes in a supplementary special subject shall be included on the Pass list as having satisfied the examiners in the special subject.

List of Special Subjects for Part II

Part II of the examination consists of eight papers as prescribed for each special subject. At least two of the eight will be on subjects taught outside the department responsible for the special subject.

The special subjects are as follows:

I	Economics, Analytical and Descriptive
II	Econometrics and Mathematical Economics
III	Monetary Economics
IV	Industry and Trade
V	International Trade and Development
VI	Economic Institutions and Planning
VII	Accounting and Finance
VIII	Economic History
IX	Government
X	Sociology
XI	Statistics
XII	Computing
XIII	International Relations
XIV	Social Anthropology
XV	International History
XVI	Environment and Planning (Geography)
XVII	Philosophy
XVIII	Government and History
XIX	Economics and Economic History
XX	Philosophy and Economics
XXII	Russian Government, History and Language
XXIII	Social Policy
XXIV	Population Studies
XXV	Industrial Relations
XXVI	Mathematics and Economics

Special Subjects

The papers prescribed for each special subject are as follows:

B.Sc. (Econ.) Part II Special Subjects

I. Economics, Analytical and Descriptive

Paper Number	Paper Title	Study Guide Number
* 1.	(a) Economic Principles	Ec1425
	or (b) Principles of Economics Treated Mathematically	Ec1426
2.	(a) Problems of Applied Economics	Ec1500
	or (b) Topics in Quantitative Economics	Ec1579
3.	Advanced Economic Analysis	Ec1506
4.	Public Finance	Ec1507
5 & 6.	Two of the following	
	(a) History of Economic Thought	Ec1540
	* (b) Labour Economics	Ec1452
	* (c) Economics of Industry	Ec1451
	(d) Economics and Geography of Transport	Ec1544
	(e) International Economics	Ec1520
	(f) Principles of Monetary Economics	Ec1513
	(g) Economic Development	Ec1521
	(h) Planning	Ec1527
	(i) Economic Institutions Compared	Ec1454
†* (j)	An approved paper taught outside the Department of Economics	
	(k) Economic Analysis of Law	LL5136
	(l) The Economics of the Welfare State	Ec1543
	(m) Any other approved paper taught in the Department of Economics	
*7.	(a) Introduction to Econometrics and Economic Statistics	Ec1430
	or (b) Principles of Econometrics	Ec1561
†*8.	An approved paper taught outside the Department of Economics	

*May be examined at the end of first year of Part II course.

†See pages 210-214

Paper Number	II. Econometrics and Mathematical Economics Paper Title	Study Guide Number
*1.	Principles of Economics Treated Mathematically	Ec1426
*2.	Principles of Econometrics	Ec1561
3.	(a) Topics in Quantitative Economics	Ec1579
	or (b) Econometric Theory	Ec1575
	or (c) Mathematical Economics	Ec1570
	(only if <i>Mathematical Methods</i> is taken under (5))	
4.	A Project of up to 10,000 words on an approved subject in Quantitative Economics	Ec1569
*5.	(a) Elementary Mathematical Methods	SM7000
	(if not taken at Part I)	
	or (b) Mathematical Methods	SM7020
	or (c) An approved paper taught outside the Department of Economics	
*6.	(a) Elementary Statistical Theory	SM7201
	(which must be taken if not taken at Part I)	
	or (b) Probability, Distribution Theory and Inference	SM7220
	or (c) An approved paper taught outside the Department of Economics	
7.	One of the following:	
	* (a) Introduction to Economic Policy	Ec1450
	(b) Advanced Economic Analysis	Ec1506
	(c) Public Finance	Ec1507
	(d) Monetary Systems	Ec1514
	* (e) Economic Institutions Compared	Ec1454
	* (f) Labour Economics	Ec1452
	* (g) Economics of Industry	Ec1451
	(h) Economic Development	Ec1521
	(i) Planning	Ec1527
	(j) History of Economic Thought	Ec1540
	(k) Economics and Geography of Transport	Ec1544
	(l) The Economics of the Welfare State	Ec1543
	(m) Theory of Business Decisions	Ec1453
	(n) Game Theory	SM7025
	(o) International Economics	Ec1520
	(p) Principles of Monetary Economics	Ec1513
	(q) Economic Analysis of Law	LL5136
	(r) A paper under (3) not already taken	
	(s) Any other approved paper taught in the Department of Economics	
8.	A further approved paper taught inside or outside the Department of Economics	

*May be examined at the end of first year of Part II course.

Paper Number	III. Monetary Economics Paper Title	Study Guide Number
*1.	(a) Economic Principles	Ec1425
	or (b) Principles of Economics Treated Mathematically	Ec1426
*2.	Introduction to Economic Policy	Ec1450
3.	Principles of Monetary Economics	Ec1513
4.	Monetary Systems	Ec1514
5.	(a) Problems of Applied Economics	Ec1500
	or (b) Topics in Quantitative Economics	Ec1579
6.	One of the following:	
	(a) Advanced Economic Analysis	Ec1506
	(b) Public Finance	Ec1507
	(c) International Economics	Ec1520
	(d) History of Economic Thought	Ec1540
	(e) Labour Economics	Ec1452
	(f) Economics of Industry	Ec1451
	(g) Economic Development	Ec1521
	(h) Economic Institutions Compared	Ec1454
	(i) Economics and Geography of Transport	Ec1544
	(j) The Economics of the Welfare State	Ec1543
	(k) Any other approved paper taught in the Department of Economics	
*7.	(a) Introduction to Econometrics and Economic Statistics	Ec1430
	or (b) Principles of Econometrics	Ec1561
†*8.	An approved paper taught outside the Department of Economics	

*May be examined at the end of first year of Part II course.

†See pages 210-214

Paper Number	IV. Industry and Trade Paper Title	Study Guide Number
*1.	(a) Economic Principles	Ec1425
	or (b) Principles of Economics Treated Mathematically	Ec1426
2.	(a) Problems of Applied Economics	Ec1500
	or (b) Topics in Quantitative Economics	Ec1579
*3.	(a) Introduction to Econometrics and Economic Statistics	Ec1430
	or (b) Principles of Econometrics	Ec1561
4 & 5.	Two of the following:	
	* (a) Economics of Industry	Ec1451
	* (b) Theory of Business Decisions	Ec1453
	(c) Economics of Investment and Finance ¹	Ec1542
	(d) Selected Topics in the Economics of Industry and Trade ²	Ec1541
6 & 7.	Two of the following:	
	(a) Advanced Economic Analysis	Ec1506
	(b) History of Economic Thought	Ec1540
	(c) Labour Economics	Ec1452
	(d) International Economics	Ec1520
	(e) Monetary Systems	Ec1514
	(f) Public Finance	Ec1507
	(g) Economic Development	Ec1521
	(h) A paper available under 4 and 5 if not already taken	—
	(i) Elements of Accounting and Finance	Ac1000
	(j) Economic Institutions Compared	Ec1454
	(k) Economics and Geography of Transport	Ec1544
	(l) An essay of not more than 10,000 words on an approved subject	—
	(m) Economic Analysis of Law	LL5136
	(n) Elements of Management Mathematics	SM7340
	(o) The Economics of the Welfare State	Ec1543
	(p) Any other approved paper	—
†*8.	An approved paper taught outside the Department of Economics	—

*May be examined at the end of first year of Part II course
†See pages 210–214.

¹Available to candidates who have followed the lectures and classes for 4 and 5b.
²Available to candidates who have followed the lectures and classes for 4 and 5a.

Paper Number	V. International Trade and Development Paper Title	Study Guide Number
*1.	(a) Economic Principles	Ec1425
	or (b) Principles of Economics Treated Mathematically	Ec1426
2.	(a) Problems of Applied Economics	Ec1500
	or (b) Topics in Quantitative Economics	Ec1579
3.	International Economics	Ec1520
4.	Economic Development	Ec1521
*5.	A Comparative Study of Modern Economic Development in Russia, Japan and India	EH1643
*6.	(a) Introduction to Econometrics and Economic Statistics	Ec1430
	or (b) Principles of Econometrics	Ec1561
7.	One of the following:	
	(a) Economic History of England 1216–1603	EH1620
	(b) Economic History of England 1603–1830	EH1625
	(c) Economic and Social History of Britain from 1815	EH1630
	(d) Economic History of the United States of America from 1783	EH1641
	(e) Latin America and the World Economy	EH1644
	(f) Public Finance	Ec1507
	(g) Economics of Industry	Ec1451
	(h) Advanced Economic Analysis	Ec1506
	(i) History of Economic Thought	Ec1540
	(j) Labour Economics	Ec1452
	(k) Planning	Ec1527
	(l) Economic Institutions Compared	Ec1454
	(m) Economics and Geography of Transport	Ec1544
	* (n) Elementary Mathematical Methods (unless taken at Part I)	SM7000
	* (o) Mathematical Methods	SM7020
	* (p) Elementary Statistical Theory (unless taken at Part I)	SM7201
	* (q) Introduction to Economic Policy	Ec1450
	(r) Economic Analysis of Law	LL5136
	(s) The Economics of the Welfare State	Ec1543
	(t) Any other approved paper	—
†*8.	An approved paper taught outside the Department of Economics.	—

*May be examined at the end of first year of Part II course.
†See pages 210–214

VI. Economic Institutions and Planning		
Paper Number	Paper Title	Study Guide Number
*1. (a)	Economic Principles	Ec1425
or (b)	Principles of Economics Treated Mathematically	Ec1426
*2.	Economic Institutions Compared	Ec1454
3. (a)	Problems of Applied Economics	Ec1500
or (b)	Topics in Quantitative Economics	Ec1579
4.	Planning	Ec1527
5. (a)	A Comparative Study of Modern Economic Development in Russia, Japan and India	EH1643
or †(b)	An approved paper taught in the Department of Economics	—
†6.	An approved paper taught inside or outside the Department of Economics	—
*7. (a)	Introduction to Econometrics and Economic Statistics	Ec1430
or (b)	Principles of Econometrics	Ec1561
†*8.	An approved paper taught outside the Department of Economics	—

*May be examined at the end of first year of Part II course.
 †See pages 210-214.

VII. Accounting and Finance		
Paper Number	Paper Title	Study Guide Number
*1.	Accounting and Finance I	Ac1020
2.	Accounting and Finance II	Ac1120
3. (a)	Accounting and Finance III	Ac1121
or *(b)	Elements of Accounting and Finance	Ac1000
	Option (b) is available only to a candidate who has not taken Elements of Accounting and Finance at Part I and such a candidate is required to select it and be examined in the subject at the end of the first year of Part II.	
4.	Commercial Law	LL5060
*5. (a)	Economic Principles	Ec1425
or (b)	Principles of Economics Treated Mathematically	Ec1426
6. One of the following:		
(a)	Economics of Industry	Ec1451
(b)	Theory of Business Decisions	Ec1453
(c)	Monetary Systems	Ec1514
(d)	Public Finance	Ec1507
(e)	Labour Economics	Ec1452
(f)	Any other paper approved by the candidate's teachers	—
*7.	Candidates who have taken Elementary Statistical Theory or Basic Statistics must choose one of the following:	
(a)	Operational Research Methods	SM7345
(b)	Elements of Management Mathematics	SM7340
All other candidates must take one of the following:		
(c)	Elementary Statistical Theory	SM7201
(d)	Basic Statistics	SM7200
(e)	Introduction to Econometrics and Economic Statistics	Ec1430
†*8.	An approved paper taught outside the Department of Accounting and Finance	—

*May be examined at the end of first year of Part II course.
 †See pages 210-214.

VIII. Economic History For candidates entering Part II in and after October 1984		
Paper Number	Paper Title	Study Guide Number
*1,*2 & *3.	Three of the following:	
(a)	Economic History of England, 1216-1603	EH1620
(b)	Society and Economy of Early Modern England	EH1626
(c)	Economic and Social History of Britain from 1815	EH1630
(d)	Economic History of the United States of America from 1783	EH1641
(e)	Latin America and the World Economy	EH1644
(f)	A Comparative Study of Modern Economic Development in Russia, Japan and India	EH1643
(g)	Modern British Business in Historical Perspective, 1900-1980	EH1660
(h)	Family and Community in Britain since 1830	EH1631
4 & 5.	Two of the following:	
(a)	Economic and Social History of England, 1377-1485	EH1720
(b)	The Economy and Society of London, 1600-1800	EH1726
(c)	The Development of the International Economy, 1870-1914	EH1728
(d)	The Peopling of America	EH1727
(e)	Britain and the International Economy, 1919-1964	EH1740
6.	An essay of not more than 10,000 words on an approved subject. (This essay is to be presented not later than 1 May in the candidate's final academic year.)	
7.	One of the following:	
(a)	A paper in Economics of Statistics	
(b)	A period of British History or International History	
* (c)	Literature and Society in Britain <i>either</i> 1830-1900 <i>or</i> since 1900	Ln3840/1
* (d)	The Population History of England	Pn7121
* (e)	The Demographic Transition and the Western World Today (<i>not available 1984-85</i>)	Pn7122
* (f)	The Development of Modern Japanese Society	So5861
* (g)	Social Theory and Social Policy 1870-1914 (<i>not available 1984-85</i>)	SA5751
(h)	A paper from 1-3 not already taken	
(i)	An approved paper taught outside the Department of Economic History	
8.	An approved paper taught outside the Department of Economic History. (This paper must be in Economics or Statistics unless a paper has been taken at Part I or under 7a.)	

*May be examined at the end of first year of Part II course.

VIII. Economic History <i>continued</i> For candidates entering Part II in and before October 1983		
Paper Number	Paper Title	Study Guide Number
*1 & *2.	Two of the following:	
(a)	Economic History of England, 1216-1603	EH1620
(b)	Economic History of England, 1603-1830	EH1625
(c)	Economic and Social History of Britain from 1815	EH1630
3.	One of the following:	
(a)	Economic History of Western Europe from 1815	EH1640
(b)	Economic History of the United States of America from 1783	EH1641
(c)	Economic History of Latin America from Independence to the present day	EH1642
(d)	A Comparative Study of Modern Economic Development in Russia, Japan and India	EH1643
4 & 5.	One of the following, in each of which there are two papers:	
(a)	Economic and Social History of England, 1377-1485	EH1720
(b)	Economic and Social History of England, 1600-1714	EH1725
(c)	Britain and the International Economy, 1929-1936	EH1735
	Candidates may substitute for one paper under 4 and 5 an essay of not more than 10,000 words on an approved subject (to be presented not later than 1 May in the candidate's third academic year).	
6.	One of the following:	
(a)	Any paper listed under 1-3 above not already chosen	
(b)	(i) English History, 1399-1603	Hy3423
	<i>or</i> (ii) British History, 1603-1760	Hy3429
(c)	British History, 1760-1914	Hy3432
(d)	English Society in the Nineteenth Century	EH1661
(e)	Modern Business in Historical Perspective, 1900-1980	EH1660
† (f)	An approved paper in Economics or Statistics	—
†*7 & †*8.	Two approved papers taught outside the Department of Economic History. One of these papers must be taught in the Department of Economics, unless an Economics paper has been taken at Part I or under paper 6(f).	—

*May be examined at the end of first year of Part II course.

†See pages 210-214.

IX. Government		
For candidates entering Part II in and after October 1984		
Paper Number	Paper Title	Study Guide Number
1.	Political Thought	Gv3120
*2.	(a) Comparative Political Analysis (<i>not taught 1984/85</i>)	Gv3046
	or (b) Comparative Political Institutions (<i>not taught 1984/85</i>)	Gv3047
3.	One of the following:	
	*(a) Political Ideas in the United Kingdom	Gv3026
	*(b) Political Behaviour with Special Reference to the United Kingdom	Gv3027
	*(c) Cabinet Government and the National Policy Process	Gv3028
	*(d) History of British Politics in the Twentieth Century	Gv3021
	(e) History of British Politics from the Seventeenth to the Twentieth Century	Gv3020
	*(f) British Constitutional Ideas since the 1880s	Gv3029
4.	(a) Political Thought (a selected text)	Gv3130-38
	or (b) Political Philosophy	Gv3121
5,6 & 7.	Three of the following:	
	(a) One, two or three of the papers under papers 2, 3 or 4 not already chosen	
	(b) Modern Political Thought: A Study of European Political Thought since 1770	Gv3122
	*(c) The Politics and Government of a Foreign Country or Group of Countries; to be chosen from the following:	
	(i) France	Gv3050
	(ii) Germany	Gv3051
	(iii) USA	Gv3053
	(iv) Russia	Gv3052
	(v) Sub-Saharan Africa (<i>not available 1984-85</i>)	Gv3054
	(vi) Eastern Europe (<i>not available 1984-85</i>)	Gv3055
	(vii) Scandinavia	Gv3056
	(viii) Latin America	Gv3057
	(d) A further option from (c) above	
	*(e) Public Administration	Gv3035
	*(f) Public Policy: Political and Economic Aspects	Gv3036
	*(g) An approved paper taught outside the Department of Government	
8.	An approved paper taught outside the Department of Government	

*May be examined at the end of first year of Part II course.

IX. Government <i>continued</i>		
For candidates entering Part II in and before October 1983		
Paper Number	Paper Title	Study Guide Number
1.	Political Thought	Gv3120
2.	Comparative Political Institutions	Gv3045
*3.	One of the following:	
	*(a) Political Ideas in the United Kingdom	Gv3026
	*(b) Political Behaviour with Special Reference to the United Kingdom	Gv3027
	*(c) Cabinet Government and the National Policy Process	Gv3028
	*(d) History of British Politics in the Twentieth Century	Gv3021
	(e) History of the British Politics from the Seventeenth to the Twentieth Century	Gv3020
	*(f) British Constitutional Ideas since the 1880's	Gv3029
4.	(a) Political Thought (a selected text)	Gv3130-3138
	or (b) Political Philosophy	Gv3121
5,6 & 7.	(a) One, two or three of the papers under paper 3 or 4 not already chosen	
	(b) Modern Political Thought: a Study of European Political Thought since 1770	Gv3122
	*(c) The Politics and Government of a Foreign Country or Group of Countries to be chosen from the following:	
	(i) France	Gv3050
	(ii) Germany	Gv3051
	(iii) U.S.A.	Gv3053
	(iv) Russia	Gv3052
	(v) Sub-Saharan Africa	Gv3054
	(vi) Eastern Europe	Gv3055
	(vii) Scandinavia	Gv3056
	(viii) Latin America	Gv3057
	(d) A further option from (c) above	
	*(e) Public Administration	Gv3035
	*(f) Public Policy and Economic Aspects	Gv3036
	(g) An approved paper taught outside the Department of Government	
8.	An approved paper taught outside the Department of Government	

*May be examined at the end of first year of Part II course.

Paper Number	X. Sociology Paper Title	Study Guide Number
*1.	Issues and Methods of Social Research	So5801
*2.	Sociological Theory	So5821
3,4,5 & 6.	Four of the following:	
	* <i>(a)</i> Methods of Statistical Analysis (This paper is compulsory for candidates who have not passed in one of the papers III(a) or III(b) of Part I, and is not available to those who have)	SM7215
	* <i>(b)</i> Comparative Social Structures I	So5820
	<i>(c)</i> Comparative Social Structures II	So5830
	<i>(d)</i> Contemporary Sociology Theory	So5989
	<i>(e)</i> Social and Moral Philosophy	So5810
	<i>(f)</i> Social Philosophy	Ph5250
	<i>(g)</i> The Social Structure of Modern Britain	So5809
	<i>(h)</i> The Social Structure of the Soviet Union	So5860
	<i>(i)</i> The Development of Modern Japanese Society	So5861
	<i>(j)</i> Social Structure and Politics in Latin America	So5862
	<i>(k)</i> Political Sociology	So5880
	<i>(l)</i> Political Processes and Social Change	So5881
	<i>(m)</i> Urban Sociology	So5916
	<i>(n)</i> Industrial Sociology	So5917
	<i>(o)</i> Sociology of Religion	So5921
	<i>(p)</i> Industrialisation and Theories of Social Change	So5882
	<i>(q)</i> Criminology	So5919
	<i>(r)</i> Sociology of Deviant Behaviour	So5920
	<i>(s)</i> Society and Literature	So5945
	<i>(t)</i> Sociology of Knowledge and Science	So5946
	<i>(u)</i> Sociology of Sex and Gender Roles: Women in Society	So5918
	<i>(v)</i> Race Relations and Minority Groups	SA5914
	<i>(w)</i> Theories and Problems of Nationalism	So5883
	<i>(x)</i> The Psychoanalytic Study of Society	So5960
	<i>(y)</i> Sociology of Medicine	So5922
	<i>(z)</i> An essay of more more than 10,000 words on an approved topic (to be presented not later than 1 May in the candidate's third academic year)	
†*7 & †*8.	Two approved papers taught outside the Department of Sociology	

*May be examined at the end of first year of Part II course.

†See pages 210-214.

Paper Number	XI. Statistics Paper Title	Study Guide Number
*1.	Mathematical Methods	SM7020
*2.	Probability, Distribution Theory and Inference	SM7220
3.	Statistical Theory	SM7241
4.	Statistical Techniques and Packages	SM7240
5 & 6.	Two of the following:	
	<i>(a)</i> Actuarial Investigations — Statistical and Financial ¹	SM7260
	<i>(b)</i> Actuarial Life Contingencies (not available 1984-85)	SM7261
	<i>(c)</i> Statistical Demography	SM7126
	<i>(d)</i> Econometric Theory	Ec1575
	* <i>(e)</i> Elements of Computer Science (if not taken at Part I)	SM7300
	<i>(f)</i> Numerical Methods	SM7330
	<i>(g)</i> Operation Research Methods ²	SM7345
	<i>(h)</i> Model Building in Operational Research	SM7347
	<i>(i)</i> Game Theory	SM7025
	* <i>(j)</i> Introduction to Analysis and Set Theory (if not taken at Part I)	SM7002
	<i>(k)</i> Further Analysis	SM7030
	<i>(l)</i> Topology and Convexity	SM7021
	<i>(m)</i> Computing Methods	SM7320
	<i>(n)</i> Decision Analysis ³	SM7216
†*7 & †*8.	Two approved papers taught outside the Department of Statistical and Mathematical Sciences.	

*May be examined at the end of first year of Part II course.

†See pages 210-214.

¹Candidates are required to be familiar with the use of calculating machines and to use them at the examination of this paper.

²Normally taken in the first part of Part II by candidates who wish to take Model Building in Operational Research in the final year.

³Prerequisites for this course are Elementary Mathematical Methods and Elementary Statistical Methods.

XII. Computing		
Paper Number	Paper Title	Study Guide Number
*1.	Computing Methods	SM7320
2.	Systems Analysis and Design	SM7322
3.	Application of Computers	SM7321
4.	One of the following:	
	(a) Numerical Methods	SM7330
	(b) Operational Research Methods ¹	SM7345
	(c) Model Building in Operational Research	SM7347
	(d) Statistical Techniques for Management Sciences	SM7230
	(e) Elements of Accounting and Finance	Ac1000
	(f) Theory of Business Decisions	Ec1453
	(g) Economics of Industry	Ec1451
5 & 6.	Two of the following:	
	(a) One or two of the papers not taken under 4	
	* <i>(b)</i> Elementary Statistical Theory (if not taken at Part I)	SM7201
	* <i>(c)</i> Elementary Mathematical Methods (if not taken at Part I)	SM7000
	(d) Probability, Distribution Theory and Inference	SM7220
	(e) Mathematical Methods	SM7020
	(f) Statistical Theory (not to be taken with 4(d))	SM7241
	(g) Statistical Techniques and Packages (not to be taken with 4(d))	SM7240
	(h) Statistical Demography	SM7126
	(i) Econometric Theory	Ec1575
	(j) Decision Analysis ²	SM7216
	(k) An approved Mathematics Paper	
†*7 & †*8.	Two approved papers taught outside the Department of Statistical and Mathematical Studies.	

*May be examined at the end of the first year of Part II course.

†See pages 210–214.

¹Normally taken in the first year of Part II by candidates who wish to take Model Building in Operational Research in the final year.

²Prerequisites for this course are Elementary Mathematical Methods and Elementary Statistical Theory.

XIII. International Relations		
Paper Number	Paper Title	Study Guide Number
1.	International History since 1914	Hy3506
2.	International Politics	IR3700
3.	Foreign Policy Analysis	IR3702
*4.	International Institutions	IR3703
5 & 6.	Two of the following save that all candidates who have not taken Public International Law at Part I and are not taking it unders papers 7 & 8 must choose option (a):	
	* <i>(a)</i> Public International Law (unless taken at Part I or under papers 7 & 8)	LL5131
	<i>(b)</i> The International Legal Order	IR3750
	<i>(c)</i> The Ethics of War	IR3755
	<i>(d)</i> The Politics of International Economic Relations	IR3752
	<i>(e)</i> Strategic Aspects of International Relations	IR3754
	<i>(f)</i> International History (Special Period) chosen from the following:	
	* <i>(i)</i> Fascism and National Socialism in International Politics, 1919–1945	Hy3538
	<i>(ii)</i> Great Britain and the Peace Conference of 1919	Hy3559
	<i>(iii)</i> The Manchurian Crisis, 1931–1933	Hy3562
	<i>(iv)</i> The League of Nations in Decline, March 1933–December 1937	Hy3565
	* <i>(g)</i> Theories and Problems of Nationalism	So5883
	<i>(h)</i> Problems of Foreign Policy (not available 1984–85)	IR3704
	<i>(i)</i> Any other subject approved by the candidate's teachers within the field of International Relations	
*7 & 8.	Two approved papers taught outside the Department of International Relations	

As an alternative to any one of papers 5, 6, 7 and 8, and always provided that the Public International Law requirement stipulated above is being fulfilled, a candidate may submit an essay of not more than 10,000 words to be written during the course of study on a subject to be approved by the candidate's Tutor and by the department teaching the subject concerned.

*May be examined at the end of first year of Part II course.

XIV. Social Anthropology		
Paper Number	Paper Title	Study Guide Number
*1.	Studies of Kinship	An1220
*2.	Political and Economic Institutions	An1221
3.	Magic and Religion	An1301
4.	Advanced Theory of Social Anthropology	An1300
5.	Advanced Ethnography	An1310
*6.	One of the following:	
	(a) Economic Principles	Ec1425
	(b) General Economics	Ec1420
	(c) Sociological Theory	So5821
	(d) Demographic Description and Analysis	SM7120
	(e) Introduction to Logic (unless taken at Part I)	Ph5200
	(f) Introduction to Scientific Method (unless taken at Part I)	Ph5210
	†(g) An approved paper in Psychology	—
	(h) Third World Demography	SM7123
7 & 8.	Two of the following:	
	(a) (i) Social Aspects of Political and Economic Development (not available 1984–85)	An1330
	or (ii) An essay of not more than 10,000 words to be written during the course of study on an approved subject.	An1397
†*(b)	Either one or two approved papers taught outside the Department of Anthropology	

*May be examined at the end of first year of Part II course.

†See pages 210–214.

XV. International History For candidates entering Part II in and after October 1984		
Paper Number	Paper Title	Study Guide Number
*1.	International History, 1494–1815	Hy3500
*2.	International History, 1815–1914	Hy3503
3.	International History since 1914	Hy3506
4.	One of the following:	
	(a) The Habsburg Monarchy and the Revolutions of 1848	Hy3550
	(b) The Great Powers and the Balkans, 1908–1914	Hy3556
	(c) Great Britain and the Peace Conference of 1919	Hy3559
	(d) The Manchurian Crisis, 1931–1933	Hy3562
	(e) The League of Nations in Decline, March 1933–December 1937	Hy3565
5, 6 & 7.	Three of the following, not more than one from any one group	
I	(a) War and Society, 1600–1815	Hy3520
II	(a) Revolution, Civil War and Intervention in the Iberian Peninsula, 1808–1854	Hy3523
	(b) British-American-Russian Relations, 1815–1914	Hy3526
III	* (a) Fascism and National Socialism in International Politics, 1919–1945	Hy3538
	(b) The Great Powers in the Near and Middle East, 1898–1956 (not available 1984–85)	Hy3535
	* (c) International Economic Diplomacy in the Interwar Period (not available 1984–85)	Hy3539
	(d) The Reshaping of Europe, 1943–1957	Hy3540
IV	* (a) English History, 1399–1603	Hy3423
	* (b) British History, 1603–1760	Hy3429
	* (c) British History, 1760–1914	Hy3432
	* (d) The History of British Politics in the Twentieth Century	Gv3021
	* (e) The History of Russia, 1682–1917	Hy3545
	* (f) Society and Economy of Early Modern England	EH1626
	* (g) Economic and Social History of Britain from 1815	EH1630
	* (h) Economic History of the United States of America from 1783	EH1641
	* (i) Latin America and the World Economy	EH1644
	* (j) A Comparative Study of Modern Economic Development in Russia, Japan and India	EH1643
8.	An approved paper taught outside the Department of History.	

*May be examined at the end of first year of Part II course.

XV International History <i>continued</i>		
For candidates entering Part II in or before October 1983		
Paper Number	Paper Title	Study Guide Number
*1.	International History, 1494-1815	Hy3500
*2.	International History, 1815-1914	Hy3503
3.	International History since 1914	Hy3506
4.	One of the following:	
	(a) The Habsburg Monarchy and the Revolutions of 1848	Hy3550
	(b) The Great Powers and the Balkans, 1908-1914	Hy3556
	(c) Great Britain and the Peace Conference of 1919	Hy3559
	(d) The Manchurian Crisis, 1931-1933	Hy3562
	(e) The League of Nations in Decline, March 1933-December 1937	Hy3565
5 & 6.	Two of the following:	
	(a) War and Society, 1600-1815	Hy3520
	(b) Revolution, civil war, and intervention in the Iberian Peninsula, 1808-1854	Hy352300
	(c) British-American-Russian Relations, 1815-1914	Hy3526
	(d) International Socialism and the Problem of War, 1870-1918 (<i>not available 1984-85</i>)	Hy3532
	*(e) Fascism and National Socialism in International Politics, 1919-1945	Hy3538
	(f) The Great Powers and the Near and Middle East, 1898-1956 (<i>not available 1984-85</i>)	Hy3535
†7 & †8.	Two approved papers outside the Department of International History of which at least <i>one</i> must be from the following list:	
	*(a) General Economics	Ec1420
	*(b) Economic History of England, 1603-1830	EH1625
	*(c) Economic and Social History of Britain from 1815	EH1630
	*(d) Economic History of the United States of America from 1783	EH1641
	*(e) Economic History of Latin America from Independence to the present day	EH1642
	*(f) Economic History of Western Europe from 1815	EH1640
	(g) Political Thought	Gv3120
	or (h) Modern Political Thought: a Study of European Political Thought since 1770	Gv3122
	*(i) History of British Politics in the Twentieth Century	Gv3021
or (j)	One of the following:	
	*(i) Political Ideas in the United Kingdom	Gv3026
	*(ii) Political Behaviour with Special Reference to the United Kingdom	Gv3027
	*(iii) Cabinet Government and the National Policy Process	Gv3028
	(k) History of British Politics from the Seventeenth to the Twentieth Century	Gv3020
	*(l) The Politics and Government of a Foreign Country or Group of Countries	Gv3050-3057

*May be examined at the end of first year of Part II course.

†See pages 210-214.

Paper Number	Paper Title	Study Guide Number
	(m) International Politics	IR3700
	(n) International Institutions	IR3703
	*(o) Public International Law (<i>unless taken at Part I</i>)	LL5131
	(p) The Politics of International Economic Relations	IR3752
	(q) An approved Modern Foreign Language	

*May be examined at the end of first year of Part II course.

XVI. Environment and Planning (Geography)

For candidates entering Part II in and after October 1984

Paper Number	Paper Title	Study Guide Number
*1.	Man and his Physical Environment	Gy1808
*2.	(a) The Location of Economic Activity	Gy1824
	or (b) Social Geography: Spatial Change and Social Process	Gy1821
*3.	Urban and Regional Planning	Gy1926
4.	Resource and Environmental Management	Gy1943
5 & 6.	Two of the following:	
	* (a) The Location of Economic Activity (if not taken under 2)	Gy1824
	* (b) Social Geography: Spatial Change and Social Process (if not taken under 2)	Gy1821
	(c) Spatial Aspects of Economic Development	Gy1920
	(d) Urban Change and Regional Development (not available 1984-85)	Gy1935
	(e) Transport: Environment and Planning	Gy1942
	(f) The Geography of Rural Development	Gy1922
	(g) Another approved paper in the field of Environment and Planning	
*7 & *8.	Two of the following:	
	(a) (i) Economic Principles	Ec1425
	or (ii) General Economics	Ec1420
	(b) Another approved paper in Economics	
	(c) An approved paper in Economic History	
	(d) Public Policy: Political and Economic Aspects	Gv3036
	(e) Public Administration	Gv3035
	(f) The Social Structure of Modern Britain	So5809
	(g) A further approved paper taught outside the Department of Geography	

*May be examined at the end of first year of Part II course.

XVI. Environment and Planning (Geography) continued

For candidates entering Part II in or before October 1983

Note: Candidates are normally expected to take six papers in Geography and two papers in subjects outside the Department of Geography. In approved cases candidates may take five papers in Geography and three in outside subjects.

Paper Number	Paper Title	Study Guide Number
*1 & *2.	Two of the following:	
	(a) The Location of Economic Activity	Gy1824
	(b) (i) Theory and Techniques of Spatial Analysis (if not taken at Part I)	Gy1815
	or (ii) Applied Spatial Analysis	Gy1856
	(c) Urban Geography	Gy1822
	(d) Social Geography	Gy1821
	(e) Man and his Physical Environment	Gy1808
3,4,5 & 6.	Four (or in approved cases, three) courses chosen from one or more of the following sections:	
I	(a) Urban and Regional Systems	Gy1933
	(b) Advanced Social Geography	Gy1923
	(c) Planning and its Geographical Impact	Gy1926
	(d) Urban Politics: A Geographical Perspective	Gy1919
II	(e) Spatial Aspects of Economic Development	Gy1920
	(f) The Geography of Rural Development	Gy1922
	(g) Economics and Geography of Transport	Ec1544
	(h) Advanced Economic Geography: Agriculture	Gy1921
III	(i) Environmental Management in Britain	Gy1941
	(j) Environmental Evaluation and Planning in Transport	Gy1940
IV	* (k) An approved Regional Study ¹	Gy1875-78, Gy1880-84
V	* (l) Historical Geography	Gy1828-30
	(m) General Political Geography	—
VI	(n) An Independent Geographical Study	—
VII	* (o) A paper from 1 and 2 not already taken	—
†*7 & †*8.	Two approved papers taught outside the Department of Geography. In approved cases, three papers may be taken (see introductory note).	

*May be examined at the end of first year of Part II course.

†See pages 210-214.

¹The regions available are the British Isles, Europe, North America, Latin America, The Third World, The Soviet Union.

Paper Number	XVII. Philosophy Paper Title	Study Guide Number
*1.	Scientific Method	Ph5230
2.	History of Modern Philosophy, Bacon to Kant	Ph5300
*3.	Logic	Ph5220
4.	Epistemology and Metaphysics	Ph5310
5.	* <i>(a)</i> Social Philosophy	Ph5250
	<i>or (b)</i> Mathematical Logic	Ph5221
6.	* <i>(a)</i> The Rise of Modern Science, Copernicus to Newton	Ph5240
	<i>or (b)</i> An essay written during the course of study	—
	<i>or (c)</i> An essay written under examination conditions	—
7.	One of the following:	
	<i>(a)</i> An essay written during the course of study (unless taken under 6)	—
	<i>(b)</i> An essay written under examination conditions (unless taken under 6)	—
	<i>(c)</i> Political Philosophy	Gv3121
	* <i>(d)</i> Introduction to Social Anthropology	An1200
	† <i>(e)</i> An approved economics paper	—
	* <i>(f)</i> The History of European Ideas since 1700	Hy3406
	<i>(g)</i> An approved Modern foreign language	—
	* <i>(h)</i> Elementary Linguistics	Ln3810
	* <i>(i)</i> Introduction to Individual and Social Psychology	Ps5400
	†* <i>(j)</i> An approved mathematics paper	—
	* <i>(k)</i> Elementary Statistical Theory	SM7201
	†* <i>(l)</i> Any other approved paper taught outside the Department of Philosophy	—
†*8.	An approved paper taught outside the Department of Philosophy	—

*May be examined at the end of the first year of Part II course.

†See pages 210-214.

XVIII. Government and History
For candidates entering Part II in or after October 1984

Paper Number	Paper Title	Study Guide Number
A Government		
1.	<i>(a)</i> Political Thought	Gv3120
	<i>or (b)</i> Political Philosophy	Gv3121
2.	One of the following:	
	* <i>(a)</i> Comparative Political Analysis (<i>not taught 1984/85</i>)	Gv3046
	<i>or (b)</i> Comparative Political Institutions (<i>not taught 1984/85</i>)	Gv3047
	* <i>(c)</i> Political Ideas in the United Kingdom	Gv3026
	* <i>(d)</i> Political Behaviour with Special Reference to the United Kingdom	Gv3027
	* <i>(e)</i> Cabinet Government and the National Policy Process	Gv3028
	* <i>(f)</i> History of British Politics in the Twentieth Century	Gv3021
	<i>(g)</i> History of British Politics from the Seventeenth to the Twentieth Century	Gv3020
	* <i>(h)</i> British Constitutional Ideas since the 1880's	Gv3029
3.	Either one paper from papers 1 or 2 if not already chosen or one of the following:	
	<i>(a)</i> Political Thought (a selected text)	Gv3130-38
	<i>(b)</i> Modern Political Thought: a Study of European Political Thought since 1770	Gv3122
	* <i>(c)</i> The Politics and Government of a Foreign Country or Group of Countries	
	<i>(i)</i> France	Gv3050
	<i>(ii)</i> Germany	Gv3051
	<i>(iii)</i> U.S.A.	Gv3053
	<i>(iv)</i> Russia	Gv3052
	<i>(v)</i> Sub-Saharan Africa (<i>not available 1984-85</i>)	Gv3054
	<i>(vi)</i> Eastern Europe (<i>not available 1984-85</i>)	Gv3055
	<i>(vii)</i> Scandinavia	Gv3056
	<i>(viii)</i> Latin America	Gv3057
	* <i>(d)</i> Public Administration	Gv3035
	* <i>(e)</i> Public Policy: Political and Economic Aspects	Gv3036
B History		
*4 & *5.	Two of the following:	
	<i>(a)</i> English History, 1399-1603	Hy3423
	<i>(b)</i> British History, 1603-1760 (this paper may not be taken by candidates who have chosen 2 <i>(g)</i> above)	Hy3429
	<i>(c)</i> British History, 1760-1914 (this paper may not be taken by candidates who have chosen 2 <i>(g)</i> above)	Hy3432
	<i>(d)</i> European History, 1600-1789	Hy3459
	<i>(e)</i> <i>(i)</i> European History, 1789-1945 (<i>not available if Political History was taken at Part I</i>)	Hy3462
	<i>or (ii)</i> World History since 1890 (<i>if not taken at Part I</i>)	Hy3403
6.	One of the following:	
	<i>(a)</i> War and Society, 1600-1815	Hy3520

*May be examined at the end of first year of Part II course.

Paper Number	Paper Title	Study Guide Number
(b)	Revolution, civil war, and intervention in the Iberian Peninsula, 1808-1854	Hy3523
(c)	British-American-Russian Relations, 1815-1914	Hy3526
*(d)	International Economic Diplomacy in the Inter-War Period (<i>not available 1984-85</i>)	Hy3539
*(e)	Fascism and National Socialism in International Politics, 1919-1945	Hy3538
(f)	The Great Powers and the Near and Middle East, 1898-1956 (<i>not available 1984-85</i>)	Hy3535
*(g)	The Reshaping of Europe, 1943-1957	Hy3540
(h)	Economic History of the USA from 1783	EH1641
7 & 8.	Two approved papers from the following:	
(a)	One paper from papers 1, 2 or 3 if not already chosen	
(b)	One paper from paper 6 if not already chosen	
(c)	(i) The Habsburg Monarchy and the Revolutions of 1848	Hy3550
	(ii) The Great Powers and the Balkans, 1908-1914	Hy3556
	(iii) Great Britain and the Peace Conference of 1919	Hy3559
	(iv) The Manchurian Crisis, 1931-1933	Hy3562
	(v) The League of Nations in Decline, March 1933-December 1937	Hy3565
(d)	An approved paper taught in another department.	

*May be examined at the end of first year of Part II course.

XVIII. Government and History continued
For candidates entering Part II in or before October 1983

Paper Number	Paper Title	Study Guide Number
A Government		
1.	(a) Political Thought	Gv3120
	(b) Political Philosophy	Gv3121
2.	One of the following:	
	(a) Comparative Political Institutions	Gv3045
	*(b) Political Ideas in the United Kingdom	Gv3026
	*(c) Political Behaviour with Special Reference to the United Kingdom	Gv3027
	*(d) Cabinet Government and the National Policy Process	Gv3028
	*(e) History of British Politics in the Twentieth Century	Gv3021
	(f) History of British Politics from the Seventeenth to the Twentieth Century	Gv3020
	*(g) British Constitutional Ideas since the 1880's	Gv3029
3.	Either one paper from papers 1 or 2 if not already chosen or one of the following:	
	(a) Political Thought (see text)	Gv3130-38
	(b) Modern Political Thought: a Study of European Political Thought since 1770	Gv3122
	*(c) The Politics and Government of a Foreign Country or Group of Countries	Gv3050-57
	*(d) Public Administration	Gv3035
	*(e) Public Policy: Political and Economic Aspects	Gv3036
B History		
*4 & *5.	Two of the following:	
	(a) English History, 1399-1603	Hy3423
	(b) British History, 1603-1760 (<i>this paper may not be taken by candidates who have chosen 2(f) above</i>)	Hy3429
	(c) British History, 1760-1914 (<i>this paper may not be taken by candidates who have chosen 2(f) above</i>)	Hy3432
	(d) European History c.1600-1789	Hy3459
	(e) (i) European History, 1789-1945 (<i>not available if Political History was taken at Part I</i>)	Hy3462
	or (ii) World History since 1890 (<i>if not taken at Part I</i>)	Hy3403
6.	One of the following:	
	(a) War and Society, 1600-1815	Hy3520
	(b) Revolution, civil war, and intervention in the Iberian Peninsula, 1808-1854	Hy3523
	(c) British-American-Russian Relations, 1815-1914	Hy3526
	(d) International Socialism and the Problem of War, 1870-1918 (<i>not available 1984-85</i>)	Hy3532
	*(e) Fascism and National Socialism in International Politics, 1919-1945	Hy3538
	(f) The Great Powers and the Near and Middle East, 1898-1956 (<i>not available 1984-85</i>)	Hy3535

*May be examined at the end of first year of Part II course.

Paper Number	Paper Title	Study Guide Number
	*(g) Economic History of Western Europe from 1815	EH1640
	*(h) Economic History of the U.S.A. from 1783	EH1641
7 & 8.	Two approved papers from the following:	
	(a) one paper from papers 1, 2 or 3 if not already chosen	—
	(b) one paper from paper 6 if not already chosen	—
	(c) one paper from the following:	
	(i) The Habsburg Monarchy and the Revolutions of 1848	Hy3550
	(ii) The Great Powers and the Balkans, 1908-1914	Hy3556
	(iii) Great Britain and the Peace Conference of 1919	Hy3559
	(iv) The Manchurian Crisis, 1931-1933	Hy3562
	(v) The League of Nations in Decline, March 1933-December 1937	Hy3565
	†*(d) An approved paper taught in another department	—

*May be examined at the end of first year of Part II course.
 †See pages 210-214.

XIX. Economics and Economic History		
Paper Number	Paper Title	Study Guide Number
*1.	Economic Principles	Ec1425
*2.	(a) Introduction to Econometrics and Economic Statistics or (b) Principles of Econometrics	Ec1430 Ec1561
*3.	(a) Society and Economy of Early Modern England or (b) Economic and Social History of Britain from 1815	EH1626 EH1630
*4.	One of the following:	
	(a) Economic History of the U.S.A. from 1783	EH1641
	(b) Latin America and the World Economy	EH1644
	(c) A Comparative Study of Modern Economic Development of Russia, India and Japan	EH1643
5.	Problems of Applied Economics	Ec1500
6.	Britain and the International Economy, 1919-1964	EH1740
7.	One of the following:	
	(a) History of Economic Thought	Ec1540
	(b) Economic Development	Ec1521
	(c) Labour Economics	Ec1452
	(d) Principles of Monetary Economics	Ec1513
	(e) International Economics	Ec1520
	(f) Economics of Industry	Ec1451
8.	Problems in Quantitative Economic History (This paper will be taught over two years; and will be examined by an essay of not more than 10,000 words.)	EH1750

*May be examined at the end of first year of Part II course.

XX. Philosophy and Economics

Paper Number	Paper Title	Study Guide Number
*1.	Scientific Method	Ph5230
2.	History of Modern Philosophy	Ph5300
3.	One of the following:	
	* <i>(a)</i> Social Philosophy	Ph5250
	<i>(b)</i> Mathematical Logic	Ph5221
	* <i>(c)</i> Logic	Ph5220
*4.	Economic Principles	Ec1425
5.	<i>(a)</i> Problems of Applied Economics	Ec1500
	or * <i>(b)</i> Introduction to Economic Policy	Ec1450
6.	<i>(a)</i> History of Economic Thought	Ec1540
	or † <i>(b)</i> with the approval of the teachers concerned, another approved paper in Economics	—
*7.	Introduction to Econometrics and Economic Statistics	Ec1430
8.	Philosophy of Economics	Ph5320

*May be examined at the end of first year of Part II course.

†See pages 210–214.

XXII. Russian Government, History and Language

For candidates entering Part II in and after October 1984

Paper Number	Paper Title	Study Guide Number
*1.	<i>(a)</i> Comparative Political Analysis (<i>not taught 84/85</i>)	Gv3046
	or <i>(b)</i> Comparative Political Institutions (<i>not taught 84/85</i>)	Gv3047
For candidates entering Part II in or before October 1983		
1.	Comparative Political Institutions (for all candidates)	Gv3045
2.	The Politics and Government of Russia	Gv3052
*3.	<i>(a)</i> International History, 1815–1914	Hy3503
	or <i>(b)</i> International History since 1914	Hy3506
4.	The History of Russia, 1682–1917	Hy3545
5.	Russian Language	Ln3940
6.	<i>(a)</i> Aspects of Russian Literature and Society	Ln3941
	or <i>(b)</i> Report on a Subject within the Field of Russian Studies	
7 & 8.	Two of the following:	
	<i>(a)</i> Modern Political Thought: a Study of European Thought since 1770	Gv3122
	<i>(b)</i> International Communism	IR3770
	* <i>(c)</i> Geography of the Soviet Union	Gy1879
	<i>(d)</i> Soviet Economic Structure	Ec1548
	<i>(e)</i> British-American-Russian Relations, 1815–1914	Hy3526
	* <i>(f)</i> The Social Structure of the Soviet Union	So5860
	* <i>(g)</i> A Comparative Study of Modern Economic Development in Russia, Japan and India	EH1643
	* <i>(h)</i> Any other approved subject within the B.Sc. (Econ.) Part II	

*May be examined at the end of first year of Part II course.

XXIII. Social Policy

Note: Candidates who have not taken Basic Statistics or Elementary Statistical Theory at Part I are required to take one of these subjects or Methods of Social Investigation under papers 7 or 8.

Paper Number	Paper Title	Study Guide Number
*1.	Social Administration	SA5620
2.	Social Policy	SA5720
3 & 4.	Two of the following:	
	(a) Educational Policy and Administration	SA5730
	(b) Personal Social Services	SA5731
	(c) Housing and Urban Structure	SA5732
	(d) Health Policy and Administration	SA5733
	(e) Race Relations and Ethnic Minority Groups	SA5914
	(f) Sociology of Deviance and Control	SA5734
	(g) Social Security Policy	SA5735
5.	*(a) The Social Structure of Modern Britain	So5809
	or (b) (i) Sociological Theory	So5821
	or (ii) Social and Political Theory	SA5725
	or (c) Comparative Social Structures II: Industrial Societies	So5830
6.	One of the following:	
	*(a) Political Ideas in the United Kingdom	Gv3026
	(b) Modern Political Thought: a Study of European Political Thought since 1770	Gv3122
	(c) Political Philosophy	Gv3121
	*(d) Public Administration	Gv3035
	*(e) Political Behaviour with Special Reference to the United Kingdom	Gv3027
	*(f) Cabinet Government and the National Policy Process	Gv3028
7.	One of the following:	
	*(a) General Economics	Ec1420
	*(b) Economic Principles	Ec1425
	*(c) Introduction to Economic Policy	Ec1450
	*(d) Introduction to Econometrics and Economic Statistics	Ec1430
	*(e) The Economic History of Great Britain and the U.S.A. 1850-1939 (unless taken at Part I)	EH1600
	*(f) Economic and Social History of Britain from 1815	EH1630
	*(g) Methods of Social Investigation	SA5622
	*(h) Demographic Description and Analysis	SM7120
	(i) Statistical Techniques and Packages	SM7240
†*8.	An approved paper taught outside the Department of Social Science and Administration	

*May be examined at the end of first year of Part II course.

†See pages 210-214.

XXIV. Population Studies

Paper Number	Paper Title	Study Guide Number
*1.	Demographic Description and Analysis	Pn7120
*2.	(a) Applied Population Analysis	Pn7127
	For candidates who entered Part II in or before October 1984	
	or (b) The Population History of England (if not taken under 3 & 4a)	Pn7121
3 & 4.	Two of the following:	
	*(a) The Population History of England (if not taken under 2b)	Pn7121
	*(b) The Demographic Transition and the Western World Today (not available 1984-85)	Pn7122
	(c) Third World Demography	Pn7123
	(d) Migration	Pn7124
	(e) Family Composition in Developed and Developing Countries	Pn7125
	*(f) Statistical Demography (students taking this paper will be expected to have taken Elementary Mathematical Methods or Basic Mathematics for Economists)	Pn7126
5,6,7 & 8.	Four of the following, including one from (i) or (j) if none of these papers was taken at Part I. A candidate who has taken one of the papers under (i) at Part I may take a paper under (j) at Part II and vice versa.	
	(a) One paper from 3 and 4 above if not already chosen	
	*(b) (i) General Economics	Ec1420
	or (ii) Economic Principles	Ec1425
	*(c) The Social Structure of Modern Britain	So5809
	*(d) Social Policy	SA5720
	*(e) Studies of Kinship	An1220
	*(f) Economic and Social History of Britain from 1815	EH1630
	*(g) Methods in Geographical Analysis	Gy1816
	*(h) General Computing	SM7301
	*(i) (i) Elementary Statistical Theory	SM7201
	or (ii) Basic Statistics	SM7200
	*(j) (i) Elementary Mathematical Methods	SM7000
	or (ii) Basic Mathematics for Economists	Ec1415
	*(k) One or two other approved papers	
	For candidates who entered Part II in or before October 1984	
	*(l) Statistical Demography (if not taken under 3 & 4f)	Pn7126

*May be examined at the end of first year of Part II course.

Paper Number	XXV. Industrial Relations Paper Title	Study Guide Number
*1.	Industrial Relations	Id3220
2.	Selected Topics in Industrial Relations	Id3320
*3.	Elements of Labour Law	LL5062
4.	Industrial Sociology	So5917
5,6,7 & 8.	Four of the following:	
*(a)	Labour Economics	Ec1452
*(b)	Economic Principles	Ec1425
*(c)	Introduction to Econometrics and Economic Statistics	Ec1430
*(d)	History of British Politics in the 20th Century	Gv3021
*(e)	Political Sociology	So5880
(f)	Organisation Theory and Practice	Id3221
*(g)	Economic and Social History of Britain from 1815	EH1630
(h)	Modern British Business in Historical Perspective 1900-1980	EH1660
(i)	Development of Modern Japanese Society	So5861
†*(j)	Any other approved paper	—

*May be examined at the end of first year of Part II course.

†See pages 210-214.

Paper Number	XXVI. Mathematics and Economics Paper Title	Study Guide Number
1.	Principles of Economics Treated Mathematically	Ec1426
2.	Topology and Convexity	SM7021
3.	One of the following:	
(a)	Further Analysis	SM7030
(b)	Introduction to Algebra (if not taken at part I)	SM7001
(c)	Elementary Statistical Theory (if not taken at part I)	SM7201
(d)	Probability, Distribution Theory and Inference	SM7220
4.	One of the following:	
(a)	Labour Economics	Ec1452
(b)	Economics of Industry	Ec1451
(c)	Theory of Business Decisions	Ec1453
(d)	Principles of Econometrics	Ec1561
5.	Mathematical Economics	Ec1570
6.	(a) Measure, Probability and Integration ¹	SM7061
or (b)	Further Analysis (if not already taken)	SM7030
7 & 8.	Two of the following:	
(a)	Advanced Economic Analysis	Ec1506
(b)	Game Theory	SM7025
(c)	History of Economic Thought	Ec1540
(d)	Economics of Investment and Finance ²	Ec1542
(e)	Principles of Monetary Economics	Ec1513
(f)	Problems of Applied Economics	Ec1500
(g)	International Economics	Ec1520
†(h)	Any other approved paper	—

*May be examined at the end of first year of Part II course.

†See pages 210-214.

Part II Subjects Taught "Outside the Department"

The following subjects are available in Part II as "papers taught outside the Department" i.e. papers listed as paper 7 or 8 and marked † in the regulations for Special Subjects in the preceding pages.

Selection of subjects should be made by students under the guidance of their Tutors.

A subject taken at Part I may not be taken again in Part II.

Unless otherwise noted, all subjects are available to second and third year students, subject to timetabling constraints.

Outside Option Number	Title	Study Guide Number
Accounting		
Ac 2	Elements of Accounting and Finance	Ac1000
Ac 3	Accounting and Finance I	Ac1020
Anthropology		
An 1	Introduction to Social Anthropology	An1200
An 2	Advanced Ethnography	An1310
An 3	Social Aspects of Political and Economic Development (not available 1984-85)	An1330
An 4	Studies of Kinship	An1220
An 8	Magic and Religion (3rd-year course)	An1301
Economic History		
EH 2	The Economic History of Great Britain and the USA 1850-1939	EH1600
EH 3	A Comparative Study of Modern Economic Development in Russia, Japan and India	EH1643
EH 5	Economic History of England 1216-1603	EH1620
EH 6	Society and Economy of Early Modern England	EH1626
EH 7	Economic and Social History of Britain from 1815	EH1630
EH 9	Economic History of the USA from 1783	EH1643
EH 10	Latin America and the World Economy	EH1644
EH 12	Britain and the International Economy 1919-1964 (3rd-year course)	EH1735
EH 13	Modern British Business in Historical Perspective 1900-1980	EH1660
EH 14	Family and Community in Britain since 1830	EH1631
Economics		
Ec 1.1	Economics A1	Ec1400
Ec 1.2	Economics A2	Ec1406
Ec 2	Economics B	Ec1403
Ec 3	Introduction to Mathematical Economics	Ec1408
Ec 4	Basic Mathematics for Economists	Ec1415
Ec 5	General Economics	Ec1420
Ec 6	Economic Principles	Ec1425
Ec 7	Labour Economics	Ec1452
Ec 8	Principles of Economics Treated Mathematically	Ec1426
Ec 10	History of Economic Thought (3rd-year course)	Ec1540
Ec 11	Economics of Industry	Ec1451
Ec 12	Introduction to Economic Policy	Ec1450
Ec 13	Economic Institutions Compared	Ec1454

Outside Option Number	Title	Study Guide Number
Ec 14	The Economics of the Welfare State (3rd-year course)	Ec1543
Ec 15	Economics and Geography of Transport	Ec1544
Ec 16	Principles of Econometrics	Ec1561
Geography		
Gy 1	Geographical Perspectives on Modern Society	Gy1801
Gy 2	Methods in Geographical Analysis	Gy1815
Gy 3	The Location of Economic Activity	Gy1824
Gy 4	Urban Geography	Gy1822
Gy 5	Man and his Physical Environment	Gy1808
Gy 6	Historical Geography of the British Isles	Gy1829
Gy 7	Advanced Methods in Geographical Analysis (not available 1984-85) An approved Regional Study:	Gy1857
	9.1 British Isles	Gy1876
	9.2 Europe	Gy1877
	9.4 Soviet Union	Gy1878
	9.5 North America (Courses Gy1881 & Gy1882)	Gy1885
Gy 10	Spatial Aspects of Economic Development (3rd-year course)	Gy1920
Gy 12	Advanced Economic Geography: Agriculture (3rd-year course)	Gy1921
Gy 13	Social Geography: Spatial Change and Social Process	Gy1821
Gy 14	Resource and Environmental Management (by permission only)	Gy1943
Government		
Gv 1	Modern Politics and Government with Special Reference to Britain	Gv3010
Gv 2	An Introduction to Political Thought: The Greeks	Gv3000
Gv 4	Public Policy: Political and Economic Aspects	Gv3036
Gv 5	Public Administration	Gv3035
Gv 6	Political Thought (two-year course)	Gv3120
Gv 7	Political Thought (a selected text) (3rd-year course)	Gv3130-3138
Gv 8	Political Philosophy (two-year course)	Gv3121
Gv 9	Politics and Government of an approved foreign country:	
	9.1 USA	
	9.2 Russia	Gv3052
	9.3 Germany	Gv3051
	9.4 France	Gv3050
	9.5 Africa (not available 1984-85)	Gv3054
	9.6 Eastern Europe (not available 1984-85)	Gv3055
	9.7 Scandinavia	Gv3056
	9.8 Latin America	Gv3057
Gv 11	History of British Politics from the 17th to the 20th Century (two-year course)	Gv3020
Gv 12	History of British Politics in the 20th Century	Gv3021

Outside Option Number	Title	Study Guide Number
Gv 13	Comparative Political Institutions (not available 1984-85)	Gv3045
Gv 14	Modern Political Thought (two-year course)	Gv3122
Gv 15	The Language of Politics	Gv3001
Gv 16	Political Ideas in the United Kingdom	Gv3026
Gv 17	Political Behaviour with Special Reference to the United Kingdom	Gv3027
Gv 18	Cabinet Government and the National Policy Process	Gv3028
Gv 19	Comparative Political Analysis (not available 1984-85)	Gv3046
Industrial Relations		
Id 1	Industrial Relations	Id3220
International History		
Hy 1	Political History 1789-1941	Hy3400
Hy 2	World History since 1890	Hy3403
Hy 3	The History of European Ideas since 1700	Hy3406
Hy 4	International History 1494-1815	Hy3500
Hy 5	International History 1815-1914	Hy3503
Hy 6	International History since 1914	Hy3506
Hy 8	Fascism and National Socialism in International Politics 1919-1945	Hy3538
Hy 9	War and Society	Hy3520
<i>Non-specialists may choose any other paper offered by the Department, provided permission is obtained from the teacher concerned.</i>		
International Relations		
IR 1	International Politics (two-year course)	IR3700
IR 2	International Institutions	IR3703
IR 3	Foreign Policy Analysis (two-year course)	IR3702
IR 4	The Ethics of War (3rd-year course)	IR3755
IR 5	The Politics of International Economic Relations (3rd-year course)	IR3752
IR 6	Strategic Aspects of International Relations (3rd-year course)	IR3754
IR 7	The International Legal Order (3rd-year course)	IR3750
Language Studies		
Ln 1	One of the following languages: 1.1 French 1.2 German 1.3 Russian 1.4 Spanish	
	two-year courses	
Ln 3	Elementary Linguistics	
Ln 4	Language, Mind and Society (3rd-year course)	
Ln 5	Literature and Society in Britain (i) 1830-1900	Ln3840
Ln 6	Literature and Society in Britain (ii) 1900 to Present Day (not available 1984-85)	Ln3841

Outside Option Number	Title	Study Guide Number
Law		
LL 1	Public International Law	LL5131
LL 2	English Legal Institutions	LL5020
LL 3	Elements of Labour Law	LL5062
LL 4	Commercial Law	LL5060
LL 5	Women and the Law	LL5135
LL 6	Legislation (Essay)	LL5116
LL 9	Basic Principles of the Soviet and Yugoslav Legal Systems	LL5134
LL 10	Legal and Social Change since 1750	LL5137
Philosophy		
Ph 1	Introduction to Logic	Ph5200
Ph 2	Introduction to Scientific Method	Ph5210
Ph 3	The Rise of Modern Science: Copernicus to Newton	Ph5240
Ph 4	Mathematical Logic	Ph5221
Ph 5	History of Modern Philosophy (two-year course)	Ph5300
Ph 6	Scientific Method	Ph5230
Ph 7	Social Philosophy	Ph5250
Ph 8	Introduction to Mathematical Logic	Ph5201
Population Studies		
Pn 1	Population, Economy and Society	Pn7100
Pn 2	Demographic Description and Analysis	Pn7120
Pn 3	The Population History of England	Pn7121
Pn 4	The Demographic Transition of the Western World Today (not available 1984-85)	Pn7122
Pn 5	Third World Demography	Pn7123
Pn 6	Migration	Pn7124
Pn 7	Family Composition in Developed and Developing Countries	Pn7125
Pn 8	Statistical Demography	Pn7126
Pn 9	Applied Population Analysis	Pn7127
Social Psychology		
Ps 2	Introduction to Individual and Social Psychology	Ps5400
Ps 3	Personality and Social Behaviour (Prerequisite Ps5400)	Ps5421
Ps 4	Cognitive Psychology (Prerequisite Ps5400)	Ps5422
Social Administration		
SA 2	Introduction to Social Policy	SA5600
SA 3	Social Administration	SA5620
SA 4	Social Policy (Prerequisite SA5600)	SA5720
SA 5	Sociology of Deviance and Control	SA5734
SA 6	Educational Policy and Administration	SA5730
SA 7	Personal Social Services	SA5731
SA 8	Housing and Urban Structure	SA5732
SA 9	Health Policy and Administration	SA5733
SA 10	Race Relations and Ethnic Minority Groups	SA5914
SA 11	Social Security Policy	SA5735

Outside Option
Number

Title

Study Guide
Number

Sociology

So 1	Introduction to Sociology	So5800
So 2	Social and Moral Philosophy	So5810
So 3	The Social Structure of Modern Britain	So5809
So 4	Comparative Social Structures I: Complex Pre-Industrial Societies	So5820
So 5	Political Sociology (<i>not available 1985-86</i>)	So5880
So 6	Sociological Theory	So5821
So 8	Sociology of Sex and Gender Roles: Women in Society	So5918
So 9	Comparative Social Structures II: Industrial Societies	So5830
So 10	Urban Sociology (<i>not available 1984-85</i>)	So5916
So 12	Criminology	So5919
So 13	Theories and Problems of Nationalism	So5883
So 14	Industrialisation and Theories of Social Change (<i>not available 1984-85</i>)	So5882
So 15	Sociology of Deviant Behaviour	So5920
So 16	Sociology of Religion (<i>not available 1984-85</i>)	So5921
So 17	Sociology of Medicine	So5922

Non-specialists may choose any other paper offered by the Department subject to the candidate having taken the appropriate prerequisite (please see Study Guides).

Statistical and Mathematical Sciences

SM 2	Elementary Mathematical Methods	SM7000
SM 3	Elementary Statistical Theory	SM7201
SM 4	Basic Statistics	SM7200
SM 5	Introduction to Analysis and Set Theory	SM7002
SM 6	Topology and Convexity	SM7021
SM 7	Mathematical Methods	SM7020
SM 8	Introduction to Econometrics and Economic Statistics	Ec1430
SM 9	Probability, Distribution Theory and Inference	SM7220
SM 10	Elements of Computer Science	SM7300
SM 11	General Computing	SM7301
SM 12	Actuarial Investigations	SM7260
SM 14	Marketing and Market Research	SM7231
SM 15	Operational Research Methods	SM7345
SM 16	Numerical Methods	SM7330
SM 17	Game Theory	SM7025
SM 18	Statistical Techniques for Management Sciences	SM7230
SM 19	Applied Abstract Analysis (3rd-year course)	SM7060
SM 20	Decision Analysis	SM7216
SM 21	Further Analysis	SM7030
SM 22	Ideas in Mathematics and Science	SM7024
SM 23	Further Algebra	SM7040
SM 24	Elements of Management Mathematics	SM7340
SM 25	Model Building in Operational Research (3rd-year course)	SM7347
SM 26	Systems Analysis and Design	SM7322

Course Unit Degrees

The School registers students for the B.Sc. and B.A. degrees by course units. A course unit is defined as one third of the amount of study which an adequately prepared student can reasonably be expected to complete in a year; that is to say one third of the total work load which every student who is capable of obtaining a degree at all should be able to manage. To obtain the degree candidates must complete, to the satisfaction of the School, courses valued at a minimum of nine course units and must satisfy the examiners in courses to the value of at least nine course units.

All students should read the full regulations for the degree: they may be obtained from the Registry at the School.

The following Main Fields of study within which candidates may qualify for Honours, are available:

B.Sc. Degree

Geography
Mathematics, Statistics, Computing and Actuarial Science
Management Sciences
Mathematics and Philosophy
Social Anthropology
Social Policy and Administration
Social Psychology
Sociology

B.A. Degree

Geography
Social Anthropology

Chemistry and Philosophy of Science (Candidates are registered at King's College and attend the LSE on an intercollegiate basis for courses in Philosophy).

1 Geography

For candidates beginning in and after October 1984

Courses are given in the Joint School of Geography at King's College and LSE and teaching is provided by both Colleges.

- 1.1 Candidates for Honours will be expected to take subjects to the value of four course-units in each of the three years of the degree course.
- 1.2 First year subjects will be included in the assessment for Honours, though they will not have weight equal to second and third year subjects.
- 1.3 A candidate is required to take the following subjects:

Paper Number	Paper Title	Study Guide Number
<i>First Year</i> Four-course units		
1.	Physical Geography	Gy1812
2.	Geographical Perspectives on Modern Society	Gy1801
3.	Methods in Geographical Analysis	Gy1816

One course outside Geography (*either* from the list of LSE courses *or* from outside LSE as approved)

Second Year Four course-units, at least two must be selected from 5-10

5.	The Location of Economic Activity	Gy1824
6.	Social Geography: Spatial Change and Social Process	Gy1821
7.	Man and his Physical Environment	Gy1808
8.	Urban and Regional Planning	Gy1926
9.	Geomorphology I	Gy1840
10.	Advanced Methods in Geographical Analysis	Gy1857
11.	Historical Geography	Gy1829
12.	Urban Geography	Gy1822
13.	Biogeography	Gy1842
14.	Meteorology and Climatology	Gy1843
15.	An approved LSE subject outside Geograpgr	
16.	An approved inter-collegiate course	

Third Year Four course-units which must include number 17. Not more than two course-units may be taken from 30-33 inclusive.

17.	Essay of not more 7,500 words on an approved topic, to be submitted not later than the first day of the Summer Term of the Third Year	
18.	Spatial Aspects of Economic Development	Gy1920
19.	Transport: Environment and Planning	Gy1942
20.	Resource and Environmental Management	Gy1943
21.	Social Geography of Urban Change	Gy1929
22.	Comparative Studies in Spatial Policy	Gy1931
23.	Urban Politics: a Geographical Perspective	Gy1919
24.	The Geography of Rural Development	Gy1922
25a.	Map Design and Evaluation	Gy1950
25b.	Advanced Cartography	Gy1951
26.	Geomorphology II (Paleogeomorphology)	Gy1966
27a.	Geomorphology III	Gy1961
27b.	Environmental Change	Gy1962
27c.	Soil Science	Gy1841
27d.	Elements of Hydrology	Gy1844
28.	Third World (half-unit)	Gy1884
29.	British Isles	Gy1876
30.	Europe	Gy1886
31.	Soviet Union	Gy1886

Paper Number	Paper Title	Study Guide Number
32a.	Latin America I (half-unit)	Gy1882
32b.	Latin America II (half-unit)	Gy1883
33a.	North America I (half-unit)	Gy1880
33b.	North America II (half-unit)	Gy1881
34.	A course from second year list 5-10 if not already taken (N.B. Pre-requisites for third year courses must be taken in the second year.)	
35.	Courses to the value of one course-unit from LSE and outside Geography	
36.	Approved intercollegiate courses to the value of one course-unit	

For candidates beginning in or before October 1983

- 1.1 Courses are given in the Joint School of Geography at King's College and L.S.E. and students are taught by teachers from both colleges.
- 1.2 Candidates for Honours will normally be required to take courses to the value of ten course units over three years; with permission this total may be extended.
- 1.3 Courses are normally examined at the end of the year in which they are studied, though a smaller number of second-year courses may be examined at the end of the third year.
- 1.4 *Fieldwork*: All students registered for B.A. and B.Sc. degrees in Geography by course units are required to attend a departmental field class during the first year of the course and to submit a written report. A number of second and third year course units require attendance at field classes and/or the carrying out of field work and information will be given to students choosing these options. A proportion of examination marks may be allocated for field work in these units.
- 1.5 In assessing a candidate for Honours, his achievement in the second and third years may be given more weight than that of the first year.
- 1.6 In certain cases students may be able to take courses at other colleges of the University. The permission of the convener is required.
- 1.7 A candidate is required to take the following courses:

Paper Number	Paper Title	Value	Study Guide Number
First Year			
1.	Physical Geography	1	Gy1812
2.	Geographical Perspectives on Modern Society	1	Gy1801
3.	Theory and Techniques of Spatial Analysis	1	Gy1815
4.	One course outside Geography (See List of courses outside Geography)	1	
Second Year			
<i>3 or 4 course units to be chosen from:-</i>			
	British Isles	1	Gy1876
	The Location of Economic Activity	1	Gy1824
	Man and his Physical Environment	1	Gy1808
	Applied Spatial Analysis	1	Gy1856
	Social Geography: Spatial Change and Social Process	1	Gy1821
	Urban Geography	1	Gy1822
	Historical Geography: British Isles	1	Gy1829
	General Political Geography	1/2	—
	Biogeography	1	Gy1842
	Advanced Geomorphology I	1	Gy1840

Paper Number	Paper Title	Unit Value	Study Guide Number
	Meteorology & Climatology	1	Gy1843
	Elements of Hydrology	1/2	Gy1844
	Elements of Surveying, and Map Projections	1/2	—
	Population Geography	1/2	Gy1823
	Soil Science	1/2	Gy1841
	Advanced Cartography	1/2	—
	<i>Courses up to the value of 1 unit from the following list:-</i>		
	Africa I	1/2	—
	Europe	1	Gy1875
			to Gy1878
			& Gy1880
			to Gy1884
	Latin America I	1/2	Gy1882
	North America I	1/2	Gy1880
	North America II (*420/1880)	1/2	Gy1881
	The Third World: a Social and Economic Basis	1/2	Gy1884
	Courses to the value of 1 unit chosen from the list outside Geography		
Third Year			
	<i>3 or 4 course units to be chosen from:-</i>		
	Advanced Economic Geography: Agriculture	1/2	Gy1921
	Spatial Aspects of Economic Development	1	Gy1920
	Planning and its Geographical Impact	1	Gy1926
	Urban and Regional Systems (*420/1856)	1	Gy1933
	Historical Geography: Western and Central Europe (*420/0485 or 420/0417)	1	—
	Geomorphology II — Palaeogeomorphology (*420/1840)	1	Gy1966
	Geomorphology III (*420/1840)	1/2	Gy1961
	Climatic Change (*420/1843)	1/2	Gy1963
	Urban Climatology (*420/1843)	1/2	Gy1965
	Environmental Change (*420/1843)	1/2	Gy1962
	Microclimatology (*420/1843)	1/2	Gy1964
	Elements of Hydrology	1/2	Gy1844
	Geography of Rural Settlement	1/2	—
	Environmental Management in Britain	1/2	Gy1941
	Environment Evaluation and Planning in Transport	1/2	Gy1940
	Urban Politics: A Geographical Perspective	1	Gy1919
	The Geography of Rural Development	1	Gy1922
	Advanced Social Geography I: Planning, Housing and Urban Change (*420/0497; 420/1821)	1/2	Gy1924
	Advanced Social Geography II: Spatial Inequalities (*420/0497; 420/1821)	1/2	Gy1925
	Map Design and Evaluation	1/2	Gy1950
	Soviet Union	1/2	Gy1878
	Latin America II (*420/1822)	1/2	Gy1883
	North America (*420/1880)	1/2	Gy1881

*Recommended Preliminary Course

Paper Number	Paper Title	Unit Value	Study Guide Number
	A course or courses to the value of not more than 1 unit from the second year list.		
	An independent essay of not more than 5,000 words on an approved topic in Geography.	1	—
	Courses to the value of not more than 1 unit chosen from the list of courses outside Geography	1	
Courses outside Geography			
<i>For courses other than Geology please see list on pages 233-235.</i>			
		<i>Normally Taken in Year</i>	<i>Unit Value</i>
Geology (King's College)			
	Fundamentals of Geology	2 or 3	1/2
	Stratigraphical Palaeontology	1, 2 or 3	1/2
	Stratigraphy and Sedimentation	2	1
	World Stratigraphy	3	1/2
	Economic Geology	2 or 3	1/2
	Structural Geology	2 or 3	1/2
	Advanced Economic Geology	3	1/2
	Sedimentology	2 or 3	1/2
	Oceanography	2 or 3	1/2

2 Mathematics, Statistics, Computing and Actuarial Science

- 2.1 Candidates will normally be expected to take courses to the value of four course units during each of the three years of study.
- 2.2 The field or fields in which honours are awarded depends on the courses chosen. The normal basic requirements for each field are listed below. The remaining courses are chosen under tutorial guidance.
- Mathematics: Courses 1, 2, 10, 11 and two from 12-16.
 Statistics: Courses 3, 4, 17, 30, 31, 32.
 Computing: Courses 3, 5, 40, 41, 42, 45, 46.
 Actuarial
 Science: Courses 3, 4, 6, 7(a)(ii), 17, 30, 34, 50, 51, 53.
 (If 6(b) is taken, 53 may be omitted.)
- 2.3 A student may also qualify for combined honours.
- Mathematics/
 Statistics: Courses 1, 2 or 3, 4, 10, 17, 30, one from 11-16, 31 or 32.
 Statistics/
 Computing: Courses 3, 4, 5, 17, 30, one from 31-34, 40 or 41 or 46 and one from 42 or 45.
 Mathematics/
 Computing: Courses 1 or 2, 3, 5, 10 or 11, 17, 40 or 41 or 46, one from 42 or 45 and one further course from 10-16.
 Actuarial
 Science/
 Statistics: Courses 3, 4, 6, 17, 30, 34, 53 and two from 7(a)(ii), 50, 51. (If 6(b) is taken, 53 may be omitted).

Paper Number	Paper Title	Unit Value	Study Guide Number
First Year			
1.	Introduction to Analysis and Set Theory	1	SM7002
2.	Introduction to Algebra	1	SM7001
3.	Elementary Mathematical Methods	1	SM7000
4.	Elementary Statistical Theory	1	SM7201
5.	Elements of Computer Science	1	SM7300
6.	At most <i>one</i> course from:		
(a)	Economics A (candidates will be expected to take A2)	1	Ec1400
(b)	Economics B	1	Ec1403
(c)	Introduction to Mathematical Economics	1	Ec1408
7.	At most <i>one</i> course from:		
(a)	(i) Elements of Accounting and Finance or (ii) Elements of Accounting and Investment for Actuarial Science (available to Actuarial Students only)	1	Ac1000
(b)	Introduction to Mathematical Logic	1	Ph5201
(c)	Introduction to Individual and Social Psychology	1	Ps5400
(d)	A course from the list of course units available to non-specialists	1	
Second and Third Years			
Mathematics			
10.	Further Analysis (to follow course 1)	1	SM7030
11.	Further Algebra (to follow course 2)	1	SM7040
12.	Topology and Convexity	1	SM7021

Paper Number	Paper Title	Unit Value	Study Guide Number
13.	Infinite Abelian Groups	1	SM7042
14.	Category Theory	1	SM7041
15.	Game Theory	1	SM7025
16.	Sets and Models (to follow course 7b)	1	SM7031
17.	Mathematical Methods (to follow course 3)	1	SM7020
18.	Incompleteness and Undecidability	1	Ph5222
19.	Ideas in Mathematics and Science	1	SM7024
20.	Philosophy of Mathematics (two-year course)	1	Ph5315
21.	Applied Abstract Analysis (not available 1984-85)	1	SM7060
22.	Measure, Probability and Integration (to follow course 10)	1	SM7061
Statistics			
30.	Probability, Distribution Theory and Inference (to follow course 4)	1	SM7220
31.	Statistical Theory (3rd-year course)	1	SM7241
32.	Statistical Techniques and Packages (3rd-year course)	1	SM7240
33.	Statistical Techniques for Management Sciences (not to be taken with 31, 32 or 34)	1	SM7230
34.	Statistical Methods for Actuarial Science (3rd-year course; not to be taken with 31 or 33)	1	SM7250
35.	Statistical Demography	1	Pn7126
36.	Econometric Theory	1	Ec1575
37.	Decision Analysis (to follow courses 3 & 4)	1	SM7216
Computing and Operational Research			
40.	Systems Analysis and Design (to follow course 5)	1	SM7322
41.	Applications of Computers	1	SM7321
42.	Numerical Methods	1	SM7330
45.	Operational Research Methods	1	SM7345
46.	Computing Methods (to follow course 5)	1	SM7320
47.	Model Building in Operational Research (to follow course 45)	1	SM7347
Actuarial Science and Economics			
50.	Actuarial Investigations: Statistical and Financial	1	SM7260
51.	Actuarial Life Contingencies (not available 1984-85)	1	SM7261
52.	Accounting and Finance I (to follow course 7(a))	1	Ac1020
53.	(a) Economic Principles (to follow course 6)	1	Ec1425
(b)	Principles of Economics treated Mathematically (to follow course 6)	1	Ec1426
54.	Theory of Business Decisions (to follow course 6)	1	Ec1453
55.	Economics of Investment and Finance (to follow course 54)	1	Ec1542
56.	Economics of Industry	1	Ec1451
58.	Topics in Quantitative Economics	1	Ec1579

Paper Number	Paper Title	Unit Value	Study Guide Number
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Other Courses

Courses to the value of at most two course-units

from:

70.	A course in Social Psychology	1	
72.	A Course or courses from the list of course units available to non-specialists (timetable permitting)		

Subject to departmental approval, students may also offer first year courses which they have not taken or, where practicable courses taught at other colleges of the University. (These courses sometimes occupy half a year and are valued at half a unit. Students should not offer an odd number of such half units.) Note that 13 and 14 are offered in alternate years.

3 Management Sciences

- 3.1 Candidates will normally be expected to take courses to the value of four course units in each of the three years of the course of study.
- 3.2 All candidates are normally required to take courses 3-7 and courses to the value of one unit from 30-34 or 40-44. In addition, all candidates are required to select at least one of the fields *Systems Analysis, Operational Research or Management Statistics* as their core field of study. The normal course requirements for the core fields are as follows:
Systems Analysis: Courses 20, 23, 24(a) and 25.
Operational Research: Courses 23, 25 and 28.
Management Statistics: Courses 23, 25 and 26.
The remaining courses are chosen under tutorial guidance.
- 3.3 Course 3 is normally taken in the first year. Courses 4 and 5 are taken in the first year by students with 'A' level Mathematics. Other students take course 1 in the first year and courses 4 and 5 in their second year. Courses 1 and 2 may only be taken in the first year.

Paper Number	Paper Title	Unit Value	Study Guide Number
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First Year

1.	Basic Mathematics for Economists	1	Ec1415
2.	Basic Statistics	1	SM7200
3.	Elements of Computer Science	1	SM7300
4.	Elementary Mathematical Methods	1	SM7000
5.	Elementary Statistical Theory	1	SM7201
6.	(a) Economics A	1	Ec1400
	<i>(candidates will be expected to take A2)</i>		
	or (b) Economics B	1	Ec1403
	or (c) Introduction to Mathematical Economics	1	Ec1408
7.	Elements of Accounting and Finance	1	Ac1000
8.	(a) Introduction to Individual and Social Psychology	1	Ps5400
	or (b) English Legal Institutions	1	LL5020
	or (c) Introduction to Sociology	1	So5800
	or (d) A course from the list of course units available to non-specialists		

Second and Third Year

Systems Analysis, Operational Research and Management Statistics

20.	Systems Analysis and Design (3)	1	SM7322
23.	Operational Research Methods	1	SM7345
24.	(a) Applications of Computers (20)	1	SM7321
	or (b) Applied Management Science (28)	1	SM7360
25.	Statistical Techniques for Management Sciences (4,5)	1	SM7230
26.	Marketing and Market Research	1	SM7231
27.	Computing Methods (3)	1	SM7320
28.	Model Building in Operational Research (23)	1	SM7347

Economics and Finance

30.	(a) Economic Principles	1	Ec1425
	or (b) Principles of Economics treated Mathematically (4, 6)	1	Ec1426
31.	Theory of Business Decisions (6)	1	Ec1453
32.	Economics of Investment and Finance (31)	1	Ec1542

Paper Number	Paper Title	Unit Value	Study Guide Number
33.	Economics of Industry (6)	1	Ec1451
34.	Accounting and Finance I (7)	1	Ac1020
Organisation and Industrial Relations			
40.	Organisation Theory and Practice	1	Id3221
41.	Public Administration	1	Gv3035
42.	(a) Elements of Labour Law	1	LL5062
	or (b) Commercial Law	1	LL5060
43.	Industrial Sociology (8c)	1	So5917
44.	A course in Social Psychology	1	
Mathematics and Statistics			
50.	Actuarial Investigations: Statistical and Financial (5)	1	SM7260
51.	Actuarial Life Contingencies (4)	1	SM7261
52.	Mathematical Methods (4)	1	SM7020
53.	Game Theory	1	SM7025
54.	Numerical Methods (4)	1	SM7330
55.	Probability, Distribution Theory and Inference (5)	1	SM7220
56.	Introduction to Analysis and Set Theory (1)	1	SM7002
57.	Introduction to Algebra (1)	1	SM7001
58.	Decision Analysis	1	SM7216

Courses listed as available in the first year (other than 1 or 2) may also be offered in the second or third year (if not already taken) subject to departmental approval. Where practicable, students may also offer course units taught at other colleges of the University.

Note that the numbers in parentheses following the courses listed refer to those courses which are prerequisite or corequisite for the course in question.

4 Mathematics and Philosophy

- 4.1 Candidates will normally be expected to take courses to the value of four course units in each of the three years of the course of study.
- 4.2 All students take courses 1-6, 7 or 8, 18 and 19. The remaining courses are selected under tutorial guidance from the other courses listed. At least one of 5 and 6 and at least one of 7 and 8 must be taken in the second year.

Paper Number	Paper Title	Unit Value	Study Guide Number
First Year			
1.	Introduction to Analysis and Set Theory	1	SM7002
2.	Introduction to Algebra	1	SM7001
3.	Introduction to Mathematical Logic	1	Ph5201
4.	Introduction to Scientific Method	1	Ph5210
Second and Third Years			
5.	Incompleteness and Undecidability	1	Ph5222
6.	Sets and Models	1	SM7031
7.	Further Analysis	1	SM7030
8.	Further Algebra	1	SM7040
9.	Topology and Convexity	1	SM7021
10.	Game Theory	1	SM7025
11.	Infinite Abelian Groups	1	SM7042
12.	Category Theory	1	SM7041
13.	Scientific Method	1	Ph5230
14.	The Rise of Modern Science, Copernicus to Newton	1	Ph5240
15.	Epistemology and Metaphysics	1	Ph5310, Ph125
16.	Ideas in Mathematics and Science	1	SM7024
17.	An essay of 5,000-7,000 words written during the course of study on an approved topic in Philosophy		
18.	History of Modern Philosophy, Bacon to Kant (two-year course)	1	Ph5300
19.	Philosophy of Mathematics (two-year course)	1	Ph5315

(Note that 11 and 12 are offered in alternate years.)

5 Social Anthropology

- 5.1 Candidates for Honours are required to take courses to the value of ten course units during three years. They will normally be taken in the following sequence: three in the first year, three in the second year and four in the third year.
- 5.2 There will be no exemption from first-year courses.
- 5.3 The level of Honours awarded to a candidate will be determined largely by the assessments and examinations of courses taken in the second and third years. Less weight will be given to performance in courses in the first year.
- 5.4 A candidate is required to take the following courses:

Paper Number	Paper Title	Unit Value	Study Guide Number
First year			
1.	Introduction to Social Anthropology	1	An1200
2.	Race and Culture	1	An1203
3.	Elementary Ethnography	1	An1202
Second Year			
1.	Studies of kinship	1	An1220
2.	Political and Economic Institutions	1	An1221
3.	An approved course or courses to the value of one course-unit on a subject outside Anthropology		
Third Year			
1.	Magic and Religion	1	An1301
2.	Advanced Theory of Social Anthropology	1	An1300
3 & 4.	Course to the value of two course-units selected from the following under the guidance of the candidate's Tutor:		
(a)	Special Essay Paper in Social Anthropology (One essay of 6,000 or two essays each of 3,000 words)	1	An1398
(b)	Anthropological Linguistics	1	An1331
(c)	Social Aspects of Political and Economic Development (<i>not available 1984-85</i>)	1	An1330
(d)	either one whole unit or two half-units selected from the following:		
(i)	Latin America: Lowlands (<i>not available 1984-85</i>)	1/2	An1311
(ii)	Latin America: Highlands	1/2	An1312
(iii)	Malaysia (<i>not available 1984-85</i>)	1/2	An1313
(iv)	Hunters and Gatherers of Sub-Saharan Africa and of India (<i>not available 1984-85</i>)	1/2	An1314
(v)	Australian Aborigines (<i>not available 1984-85</i>)	1/2	An1315
(vi)	Melanesia (<i>not available 1984-85</i>)	1/2	An1316
(vii)	Mediterranean	1/2	An1317
(viii)	India	1/2	An1318
(ix)	Linguistics and Anthropological Problems	1/2	An1332
(x)	Research Methods in Social Anthropology		An1333
(xi)	another approved ethnographic area for which teaching may be available at another college of the University	1 or 1/2	

Paper Number	Paper Title	Unit Value	Study Guide Number
(e)	one or at most two half-unit courses on an approved anthropological subject available at another college of the University		

6 Social Policy and Administration

- 6.1 Candidates are required to take courses to the value of four course-units in each year. Courses will normally be examined at the end of the session in which they are taught.
- 6.2 The level of Honours awarded to a candidate will be determined largely by the assessments and examinations of courses taken in the second and third years. Less weight will be given to performance in courses in the first year.
- 6.3 A candidate is required to take the following courses:

Paper Number	Paper Title	Unit Value	Study Guide Number
First Year			
1.	History of Social Policy in the 19th and 20th Centuries	1	SA5612
2.	Sociology and Social Policy	1	SA5613
3.	Social Economics	1	SA5660
4.	An approved course or courses to the value of one course-unit outside Social Administration	—	—
Second Year			
5.	Social Administration	1	SA5620
6.	Social Structure and Social Policy	1	SA5623
7.	Methods of Social Investigation	1	SA5622
8.	One of the following		
(a)	Educational Policy and Administration	1	SA5730
(b)	Personal Social Services	1	SA5731
(c)	Housing and Urban Structure	1	SA5732
(d)	Health Policy and Administration	1	SA5733
(e)	Sociology of Deviance and Control	1	SA5734
(f)	Social Security Policy	1	SA5735
(g)	Sociology of Sex and Gender Roles	1	So5918
(h)	Social Theory and Social Policy 1870-1918 (not available 1984-85)	1	SA5751
(i)	Race Relations and Ethnic Minority Groups	1	SA5754
(j)	Psychology and Social Policy	1	SA5753
(k)	An approved course or courses to the value of one course-unit outside Social Administration (which may be taken in either the second or third year)	—	—
Third Year			
9.	Social Policy	1	SA5720
10.	Social and Political Theory	1	SA5725
11.	A long essay on an approved topic	1	—
12.	A paper listed under paper 8 not already taken	1	—

7 Social Psychology

- 7.1 Candidates are normally required to take courses to the value of twelve course units during the three years of study.
- 7.2 In the final year each candidate is required to carry out a research project under the supervision of a member of staff.
- 7.3 The level of Honours awarded to a candidate will be determined largely by the assessments and examinations of courses taken in the second and third years. Less weight will be given to performance in courses in the first year.
- 7.4 A candidate is required to take the following courses:

Paper Number	Paper Title	Unit Value	Study Guide Number
First Year			
1.	Introduction to Individual and Social Psychology	1	Ps5400
2.	Methods of Psychological Research I: General and Statistical	1	Ps5406
3.	Developmental and Biological Aspects of Behaviour	1	Ps5405
4.	Course outside Psychology	1	—
Second Year			
6.	Personality and Social Behaviour	1	Ps5421
7.	Cognitive Psychology	1	Ps5422
8.	Methods of Psychological Research II: Social and Statistical	1	Ps5420
9.	Course outside Psychology	1	—
Third Year			
10.	Advanced Study of Psychological Processes	1	Ps5501
11.	Social Change and Social Organisations	1	Ps5502
12.	Methods of Psychological Research III: Project and Data Analysis	1	Ps5500
13 & 14.	Courses to the value of one unit from the following list:		
(a)	Child Development	1/2	Ps5511
(b)	Personality and Motivation	1/2	Ps5512
(c)	Social Psychology of Conflict	1/2	Ps5516
(d)	Communication and Attitude Change	1/2	Ps5514
(e)	Applications of Social Psychology	1/2	Ps5510
(f)	Psycholinguistics	1/2	Ps5515
(g)	Groups and Interpersonal Behaviour	1/2	Ps5513
(h)	Decision Making and Decision Analysis	1/2	Ps5517
(i)	Psychological Aspects of Legal Processes	1/2	Ps5518
(j)	Collective Psychologies and Sociological Forms of Social Psychology	1/2	Ps5520

Courses outside Social Psychology — please see list on pages 233-235

8 Sociology

- 8.1 Candidates are required to take courses to the value of twelve course units, with a minimum of four course units each year. Courses will normally be examined at the end of the session in which they are taught.
- 8.2 To qualify for Honours in Sociology a candidate is required to complete seven course units in Sociology, including the six compulsory courses and to pass in Sociology courses to the value of six course units.
- 8.3 In addition a candidate will be required to complete the course Methods of Statistical Analysis.
- 8.4 The compulsory course unit Issues and Methods of Social Research may be taken in any one of the three years.
- 8.5 A candidate may take up to five course units in courses outside Sociology.
- 8.6 A candidate will be required to submit a report of not more than 10,000 words on a sociological topic to be approved by the convener of the department of Sociology. The report (Unit Essay) must be presented not later than 1 May in the academic year of submission.
- 8.7 A candidate is required to take the following courses:

Paper Number	Paper Title	Unit Value	Study Guide Number
--------------	-------------	------------	--------------------

First Year

- | | | | |
|----|---|---|--------|
| 1. | Introduction to Sociology | 1 | So5800 |
| 2. | Methods of Statistical Analysis | 1 | SM7215 |
| 3. | A course to the value of one unit from List B | 1 | — |
| 4. | A course or courses to the value of not more than one unit from either List A or List B | 1 | — |

Second Year

- | | | | |
|--------|--|---|--------|
| 1. | Comparative Social Structures: I | 1 | So5820 |
| 2. | Sociological Theory | 1 | So5821 |
| 3 & 4. | Courses to the value of at least two units from List A and/or List B | 2 | — |

Third Year

- | | | | |
|--------|---|---|--------|
| 1. | Comparative Social Structures: II | 1 | So5830 |
| 2. | Unit Essay | — | — |
| 3 & 4. | Courses to the value of at least two units from List A and/or List B
(Note: these must include Issues and Methods of Social Research unless already taken) | 2 | — |

Optional Courses

List A: Courses in Sociology	Normally Taken in Year	Unit Value	Study Guide Number
Issues and Methods of Social Research	1,2 or 3	1	So5801
Social and Moral Philosophy	1,2 or 3	1	So5810
Social Philosophy	2 or 3	1	Ph5250
Contemporary Sociological Theory (not available 1984-85)	3	1	So5989
The Social Structure of Modern Britain	1,2 or 3	1	So5809
The Social Structure of the Soviet Union	2 or 3	1	So5860
The Development of Modern Japanese Society	2 or 3	1	So5861

	Normally Taken in Year	Unit Value	Study Guide Number
Social Structure and Politics in Latin America (not available 1984-85)	2 or 3	1	So5862
Political Sociology (not available 1984-85)	2 or 3	1	So5880
Political Processes and Social Change (not available 1984-85)	2 or 3	1	So5881
Industrial Sociology	2 or 3	1	So5917
Sociology of Religion (not available 1984-85)	1,2 or 3	1	So5921
Sociology of Medicine	2 or 3	1	So5922
Urban Sociology (not available 1984-85)	2 or 3	1	So5916
Industrialisation and Theories of Social Change (not available 1984-85)	2 or 3	1	So5882
Criminology	2 or 3	1	So5919
Sociology of Deviant Behaviour	2 or 3	1	So5920
Society and Literature (not available 1984-85)	2 or 3	1	So5945
Sociology of Knowledge and Science (not available 1984-85)	2 or 3	1	So5946
Sociology of Sex and Gender Roles: Women in Society	2 or 3	1	So5918
Race Relations and Ethnic Minority Groups	2 or 3	1	SA5754
Theories and Problems of Nationalism	2 or 3	1	So5883
The Psychoanalytic Study of Society	1,2 or 3	1	So5960

List B: Courses outside Sociology — please see list on pages 233-235

9 French Studies (The last entry to this course was in October 1981)

Candidates will normally be expected to take courses to the value of four course-units during each of the three years of study.

A candidate is required to take the following courses:

Paper Number		Unit Value	Study Guide Number
First Year			
1.	The Development of Ideas and Literature in France in the 17th and 18th Centuries	1	
2 & 3.	Two of the following:		
	(a) The History of European Ideas since 1700	1	
	(b) European History c. 1600-1789	1	
	(c) The Language of Politics: An Introduction to Political Theory	1	
	(d) The Structure of International Society	1	
4.	(a) Main Trends in Contemporary French Thought, Literature and Language	1	
	or (b) Any other approved course unit	1	
Second Year			
5.	The Development of Modern French	1	
6.	(a) The History of Ideas in France in the 19th and 20th Centuries	1	
	or (b) French Literature in the 19th and 20th Centuries	1	
7.	The Social and Political History of France since 1870	1	
8.	One of the following:		
	(a) Economic History of Western Europe from 1815	1	
	(b) The Politics of Western European Integration	1	
	(c) Foreign Policy Analysis	1	
	(d) (i) An approved modern foreign language other than French	1	
	or (ii) Elementary Linguistics	1	
	or (iii) Language, Mind and Society (to follow course 290/0002)	1	
	(e) European History 1789-1945	1	
	(f) World History since 1890	1	
Third Year			
9.	Translation from and into French	1	Ln3290
10.	(a) Report	1/2	Ln3921
	(b) Oral	1/2	Ln3922
11.	The Politics and Government of France	1	Gv3050
12.	One of the following:		
	(a) French Thought in the 20th Century	1	Ln3932
	(b) The French Language in the 20th Century	1	Ln3931
	(c) French Theatre of the Avant-Garde	1	Ln3930

Students will normally be expected to spend the third year of the 4-year course abroad.

List of course units available for selection by non-specialists where the regulations for the Main Field of study permit, subject to the approval of their tutors and the teaching department and to the successful completion of prerequisites where necessary.

Outside Option Number	Course	Normally Taken in Year	Unit Value	Study Guide Number
Anthropology				
An1	Introduction to Social Anthropology	any	1	An1200
An5	Race and Culture	any	1	An1203
An6	Elementary Ethnography	any	1	An1202
An4	Studies of Kinship	2 or 3	1	An1220
An7	Political and Economic Institutions	2 or 3	1	An1221
An8	Magic and Religion	3	1	An1301
Economic History				
EH2	The Economic History of Great Britain and the U.S.A. 1850-1939	any	1	EH1600
EH13	Modern British Business in Historical Perspective, 1900-1980	2 or 3	1	EH1660
EH9	Economic History of the United States of America from 1783	2 or 3	1	EH1641
EH7	Economic and Social History of Britain from 1815	2 or 3	1	EH1630
EH10	Latin America and the World Economy	2 or 3	1	EH1644
Economics				
Ec1.1	Economics A		1	Ec1400
Ec5	General Economics	2 or 3	1	Ec1420
Ec15	Economics and Geography of Transport	2 or 3	1	Ec1544
Geography				
Gy1	Geographical Perspectives on Modern Society	any	1	Gy1801
Gy2	Methods in Geographical Analysis	2 or 3	1	Gy1816
Gy3	Location of Economic Activity	2 or 3	1	Gy1824
Gy8	Urban and Regional Planning	2 or 3	1	Gy1926
Gy6	Historical Geography of the British Isles	2 or 3	1	Gy1828
Gy4	Urban Geography	2 or 3	1	Gy1822
Government				
Gv1	Modern Politics and Government with Special Reference to Britain	any	1	Gv3010
International History				
Hy10	English History 1399-1603	any	1	Hy3423
Hy11	British History 1603-1760	any	1	Hy3429
Hy12	British History 1760-1914	any	1	Hy3432
Hy5	International History 1815-1914	any	1	Hy3503
Hy6	International History since 1914	2 or 3	1	Hy3506
Industrial Relations				
Id1	Industrial Relations	any	1*2 or 3	Id3220

*1st year only with permission from the teacher

Outside Option Number	Course	Normally Taken in Year	Unit Value	Study Guide Number
International Relations				
IR8	The Structure of International Society	1	1	IR3600
IR1	International Politics	two-year	1	IR3700
Language Studies				
Ln3	Elementary Linguistics	any	1	Ln3810
Ln4	Language, Mind and Society	2 or 3	1	Ln3831
Ln5	Literature and Society in Britain 1830-1900	any	1	Ln3840
Ln6	Literature and Society in Britain 1900 to the present day (<i>not available 1984-85</i>)	any	1	Ln3841
Law				
LL2	English Legal Institutions	any	1	LL5020
LL1	Public International Law	any	1	LL5021
LL11	Introduction to the Anthropology of Law (<i>not available 1984-85</i>)	2 or 3	1	LL5138
LL5	Women and the Law	2 or 3	1	LL5135
Mathematics				
Ec4	Basic Mathematics for Economists	any	1	SM1415
SM2	Elementary Mathematical Methods	any	1	SM7000
SM5	Introduction to Analysis and Set Theory	any	1	SM7002
SM11	General Computing	any	1	SM7301
Philosophy				
Ph2	Introduction to Scientific Method	any	1	Ph5210
Ph1	Introduction to Logic	any	1	Ph5200
Ph7	Social Philosophy	2 or 3	1	Ph5250
Population Studies				
Pn1	Population, Economy and Society	any	1	Pn7100
Pn2	Demographic Description and Analysis	2 or 3	1	Pn7120
Pn4	The Demographic Transition and the Western World Today (<i>not available 1984-85</i>)	2 or 3	1	Pn7122
Pn5	Third World Demography	2 or 3	1	Pn7123
Pn6	Migration	2 or 3	1	Pn7124
Pn7	Family Composition in Developed and Developing Countries	2 or 3	1	Pn7125
Social Administration				
SA2	Introduction to Social Policy	any	1	SA5600
SA3	Social Administration	2 or 3	1	SA5620
SA4	Social Policy (Prerequisite SA5600)	2 or 3	1	SA5720
SA5	Sociology of Deviance and Control	2 or 3	1	SA5734
SA6	Educational Policy and Administration	2 or 3	1	SA5730
SA7	Personal Social Services	2 or 3	1	SA5731
SA8	Housing and Urban Structure	2 or 3	1	SA5732
SA9	Health Policy and Administration	2 or 3	1	SA5733
SA10	Race Relations and Ethnic Minority Groups	2 or 3	1	SA5754
SA11	Social Security Policy	2 or 3	1	SA5735

Outside Option Number	Course	Normally Taken in Year	Unit Value	Study Guide Number
Social Psychology				
Ps2	Introduction to Individual and Social Psychology	any	1	Ps5400
Ps3	Personality and Social Behaviour (<i>Prerequisite Ps5400</i>)	2 or 3	1	Ps5421
Ps4	Cognitive Psychology (<i>Prerequisite Ps5400</i>)	2 or 3	1	Ps5422
Sociology				
So1	Introduction to Sociology	any	1	So5800
So2	Social and Moral Philosophy	any	1	So5810
So3	The Social Structure of Modern Britain	any	1	So5809
So4	Comparative Social Structure I (Complex Pre-industrial Societies) (<i>not available 1985-86</i>)	2 or 3	1	So5820
So5	Political Sociology	2 or 3	1	So5880
So6	Sociological Theory	2 or 3	1	So5821
So8	Sociology of Sex and Gender Roles: Women in Society	2 or 3	1	So5918
So9	Comparative Social Structures II: (Industrial Societies)	2 or 3	1	So5830
So10	Urban Sociology (<i>not available 1984-85</i>)	2 or 3	1	So5916
So11	Issues and Methods of Social Research	2 or 3	1	So5801
So12	Criminology	2 or 3	1	So5919
So13	Theories and Problems of Nationalism	2 or 3	1	So5883
So14	Industrialisation and Theories of Social Change (<i>not available 1984-85</i>)	2 or 3	1	So5882
So15	Sociology of Deviant Behaviour	2 or 3	1	So5920
So16	Sociology of Religion (<i>not available 1984-85</i>)	2 or 3	1	So5921
So17	Industrial Sociology	2 or 3	1	So5917
So18	Contemporary Sociological Theory (<i>not available 1984-85</i>)	2 or 3	1	So5989
So19	The Social Structure of the Soviet Union	2 or 3	1	So5860
So20	The Development of Modern Japanese Society	2 or 3	1	So5861
So21	Political Processes and Social Change (<i>not available 1984-85</i>)	2 or 3	1	So5881
So22	Society and Literature (<i>not available 1984-85</i>)	2 or 3	1	So5945
So23	Sociology of Knowledge and Science (<i>not available 1984-85</i>)	2 or 3	1	So5946
So24	The Psychoanalytic Study of Society	any	1	So5960
Statistics				
SM3	Elementary Statistical Theory	any	1	SM7201
SM20	Decision Analysis (<i>Prerequisites SM7000 and SM7201</i>)	2 or 3	1	SM7216

Outside Option Number	Course	Normally Taken in Year	Unit Value	Study Guide Number
International Relations				
IR8	The Structure of International Society	1	1	IR3600
IR1	International Politics	two-year	1	IR3700
Language Studies				
Ln3	Elementary Linguistics	any	1	Ln3810
Ln4	Language, Mind and Society	2 or 3	1	Ln3831
Ln5	Literature and Society in Britain 1830-1900	any	1	Ln3840
Ln6	Literature and Society in Britain 1900 to the present day (<i>not available 1984-85</i>)	any	1	Ln3841
Law				
LL2	English Legal Institutions	any	1	LL5020
LL1	Public International Law	any	1	LL5021
LL11	Introduction to the Anthropology of Law (<i>not available 1984-85</i>)	2 or 3	1	LL5138
LL5	Women and the Law	2 or 3	1	LL5135
Mathematics				
Ec4	Basic Mathematics for Economists	any	1	SM1415
SM2	Elementary Mathematical Methods	any	1	SM7000
SM5	Introduction to Analysis and Set Theory	any	1	SM7002
SM11	General Computing	any	1	SM7301
Philosophy				
Ph2	Introduction to Scientific Method	any	1	Ph5210
Ph1	Introduction to Logic	any	1	Ph5200
Ph7	Social Philosophy	2 or 3	1	Ph5250
Population Studies				
Pn1	Population, Economy and Society	any	1	Pn7100
Pn2	Demographic Description and Analysis	2 or 3	1	Pn7120
Pn4	The Demographic Transition and the Western World Today (<i>not available 1984-85</i>)	2 or 3	1	Pn7122
Pn5	Third World Demography	2 or 3	1	Pn7123
Pn6	Migration	2 or 3	1	Pn7124
Pn7	Family Composition in Developed and Developing Countries	2 or 3	1	Pn7125
Social Administration				
SA2	Introduction to Social Policy	any	1	SA5600
SA3	Social Administration	2 or 3	1	SA5620
SA4	Social Policy (Prerequisite SA5600)	2 or 3	1	SA5720
SA5	Sociology of Deviance and Control	2 or 3	1	SA5734
SA6	Educational Policy and Administration	2 or 3	1	SA5730
SA7	Personal Social Services	2 or 3	1	SA5731
SA8	Housing and Urban Structure	2 or 3	1	SA5732
SA9	Health Policy and Administration	2 or 3	1	SA5733
SA10	Race Relations and Ethnic Minority Groups	2 or 3	1	SA5754
SA11	Social Security Policy	2 or 3	1	SA5735

Outside Option Number	Course	Normally Taken in Year	Unit Value	Study Guide Number
Social Psychology				
Ps2	Introduction to Individual and Social Psychology	any	1	Ps5400
Ps3	Personality and Social Behaviour (<i>Prerequisite Ps5400</i>)	2 or 3	1	Ps5421
Ps4	Cognitive Psychology (<i>Prerequisite Ps5400</i>)	2 or 3	1	Ps5422
Sociology				
So1	Introduction to Sociology	any	1	So5800
So2	Social and Moral Philosophy	any	1	So5810
So3	The Social Structure of Modern Britain	any	1	So5809
So4	Comparative Social Structure I (<i>Complex Pre-industrial Societies</i>) (<i>not available 1985-86</i>)	2 or 3	1	So5820
So5	Political Sociology	2 or 3	1	So5880
So6	Sociological Theory	2 or 3	1	So5821
So8	Sociology of Sex and Gender Roles: Women in Society	2 or 3	1	So5918
So9	Comparative Social Structures II: (<i>Industrial Societies</i>)	2 or 3	1	So5830
So10	Urban Sociology (<i>not available 1984-85</i>)	2 or 3	1	So5916
So11	Issues and Methods of Social Research	2 or 3	1	So5801
So12	Criminology	2 or 3	1	So5919
So13	Theories and Problems of Nationalism	2 or 3	1	So5883
So14	Industrialisation and Theories of Social Change (<i>not available 1984-85</i>)	2 or 3	1	So5882
So15	Sociology of Deviant Behaviour	2 or 3	1	So5920
So16	Sociology of Religion (<i>not available 1984-85</i>)	2 or 3	1	So5921
So17	Industrial Sociology	2 or 3	1	So5917
So18	Contemporary Sociological Theory (<i>not available 1984-85</i>)	2 or 3	1	So5989
So19	The Social Structure of the Soviet Union	2 or 3	1	So5860
So20	The Development of Modern Japanese Society	2 or 3	1	So5861
So21	Political Processes and Social Change (<i>not available 1984-85</i>)	2 or 3	1	So5881
So22	Society and Literature (<i>not available 1984-85</i>)	2 or 3	1	So5945
So23	Sociology of Knowledge and Science (<i>not available 1984-85</i>)	2 or 3	1	So5946
So24	The Psychoanalytic Study of Society	any	1	So5960
Statistics				
SM3	Elementary Statistical Theory	any	1	SM7201
SM20	Decision Analysis (<i>Prerequisites SM7000 and SM7201</i>)	2 or 3	1	SM7216

B.Sc. Chemistry and Philosophy of Science

Candidates for this combined field of study are registered at King's College and attend the L.S.E. on an intercollegiate basis for courses in Philosophy. The curriculum of individual candidates will be arranged by King's College, including such matters as the order in which courses are to be taken and the total number required of each candidate, though to be awarded Honours in Chemistry and Philosophy of Science it will be necessary for a candidate to have taken and passed courses in Philosophy at the L.S.E. with a total value of at least four course units. There will be no requirement on any candidate to take an examination in courses followed at the L.S.E. at the end of the second year of the three-year course. Courses in Philosophy available at the L.S.E. are as follows:

Paper Number	Paper Title	Normally Taken in Year	Unit Value	Study Guide Number
1.	Introduction to Logic	1	1	Ph5200
2.	Introduction to Scientific Method	1	1	Ph5210
3.	History of Modern Philosophy, Bacon to Kant (two-year course)	2 or 3	1	Ph5300
4.	The Rise of Modern Science, Copernicus to Newton	2 and 3	1	Ph5240
5.	Epistemology and Metaphysics	2 and 3	1	Ph5310
6.	Scientific Method	2 and 3	1	Ph5230
7.	Logic	2	1	Ph5220
	or Incompleteness and Undecidability	2 and 3	1	Ph5222
8.	an Essay of 5,000-7,500 words written during the course of study on a topic approved by the Philosophy Department		1	Ph5398
	or an Essay written under examination conditions on a Philosophical topic		1	Ph5399

B.Sc. Social Science and Administration

(The last entry to this course was in October 1983. This has been replaced by B.Sc. Social Policy and Administration course unit degree see page 228.)

The full regulations for this degree may be obtained from the School Registry.

Entrance Requirements

The entrance requires for the degree are set out in the table on page 145.

Course of Study

The course of study extends over three years.

Details of Examination

An examination of first-year courses will be conducted by the School at the beginning of the third term. The results of this examination will not count towards the classification for Honours.

Study Guide Numbers

Subjects of Examination

The First Year Examination will consist of the following:

1.	Introduction to Sociology	SA5610
2.	Economics and Statistics	SA5611
3.	History of Social Policy in the 19th and 20th Centuries	SA5612

Each of the subjects 1-8 below may be examined at the discretion of the University by:

either

(a) an unseen written paper to count for 75 per cent., and an essay written in the candidate's own time to count for 25 per cent.

or

(b) an unseen written paper to count for 100 per cent.

At any one examination in any one subject all candidates will be examined by the same method and that method will be determined by the University and announced before the beginning of the first session for Stage 1 and before the beginning of the second session for Stage 2. Under alternative (a) the unseen paper will be three hours and the candidate will be required to answer three questions. There will be a choice of questions. The essay should normally be of about 2,000 words and will be written on a topic from the field covered by the subject. There will be a choice of topics which will be published before the end of the preceding session. The essay must be handed in by 1 March in the second year of the course for subjects taken at Stage 1 and by 30 March in the third year of the course for subjects taken at Stage 2. A candidate who is examined under Scheme (a) above and who fails to satisfy the examiners in the subject as a whole will not be credited with a pass in either the unseen written element or the essay, and on re-entry to the examination, such a candidate will be required to sit the whole examination in the subject concerned.

Under alternative (b) the unseen paper will be three hours and the candidate will be required to answer four questions. There will be a choice of questions.

Examiners may test any candidate by means of oral questions.

Paper Number	Paper Title	Study Guide Number
The Final Examination will consist of the following:		
*1.	(a) Social Administration or (b) Public Administration ¹	SA5620
*2.	Social Economics	SA5660
*3.	Social Structures	SA5661
*4.	Social Investigation	SA5662
5.	Social Policy	SA5720
6.	Social and Political Theory	SA5725
7 & 8	Two of the following, subject to the approval of the School and availability of the course concerned:	
	(a) Educational Policy and Administration	SA5730
	(b) Race Relations and Minority Groups	SA5914
	(c) Personal Social Services	SA5731
	(d) Social Policy of Developing Countries	SA5750
	(e) Housing and Urban Structure	SA5732
	(f) Health Administration	SA5733
	(g) Law and Social Policy	—
	(h) Social Theory and Social Policy 1870–1918	SA5751
	(i) General and Social Psychology	SA5752
	(j) The Family in Law and in Society	—
	(k) Political Sociology	—
	(l) Values and Society	—
	(m) Urban and Regional Economics	—
	(n) Parliament, Policy-making, and the Legislative Process	—
	(o) British Social History in the 19th and 20th Centuries	—
	(p) The Sociology of Medicine	—
	(q) Sociology of Deviance and Control	SA5734
	(r) Population Studies	—
	(s) Sociology of Sex and Gender Roles: Women in Society	So5918
	(t) Social Security Policy	SA5735
9.	An essay of not more than 7,000 words to be submitted through the candidate's School or Institution by 31 January in the final year of the course. The topic of the essay must be approved by the candidate's teachers.	

*The papers marked with an asterisk will be examined at the beginning of sixth term of the course.

¹Not available to students of the School.

Degree of Bachelor of Laws

The School provides a three-year course leading to the LL.B. degree of the University of London. The University regulations are not, however, the same for all the London colleges, and the pattern of the course is unique to students of the School. Subjects which are not exclusively legal have been introduced into the new syllabus, and an attempt has been made to break down the arbitrary boundaries between legal subjects. In addition, instruction in each subject is not always limited in length to one academic year, thus making it possible to emphasise the inter-relationship between different branches of the law.

The subjects which most L.S.E. students take are taught, both in lectures and classes, at this School, but exceptionally, arrangements will be made for students to attend other colleges of the University for instruction in subjects not taught here.

The attention of students taking the LL.B. degree is drawn to the advantages and concessions granted in professional training (see page 252).

INTERMEDIATE EXAMINATION

A candidate is eligible to present himself for the Intermediate examination after having satisfactorily attended the prescribed course of study at the School extending over not less than one academic year. The Intermediate examination is normally held twice each year, in May or June and in September. A candidate offering himself for examination for the first time may not postpone his entry to the examination until September.

The examination consists of written papers in four subjects:

	Study Guide Number
Public Law	LL5003
Law of Contract	LL5001
Law of Property I	LL5002
English Legal System	LL5000

A candidate who passes in three of the papers at an Intermediate examination and fails in the remaining paper may be referred in that paper; if he satisfies the examiners in the paper in which he has been referred at either of the two next following Intermediate examinations he is regarded as having passed the whole examination; otherwise he is required to take the whole of the Intermediate examination again.

In exceptional cases, with permission of the School, a candidate who fails to reach the minimum standard in two or more subjects in May or June, whether or not he has presented himself for all or part of the examination, may be permitted to re-enter for the whole examination in September of the same year.

PART I EXAMINATION

A candidate is eligible to present himself for the Part I examination after having satisfactorily attended the prescribed course of study extending over one year subsequent to passing the Intermediate examination. The Part I examination is normally held twice each year, in May or June and in September. A candidate offering himself for examination for the first time may not normally postpone his entry to the examination until September.

A candidate is required to satisfy the examiners in the following papers:

Law of Tort and in Criminal Law	Study Guide Number LL5041 LL5040
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and in other courses to the value of two subjects from the following lists:

(i)	Property II	LL5105
	Law of Evidence	LL5113
	Public International Law	LL5131
	Conflict of Laws	LL5114
	Mercantile Law	LL5110
	Labour Law	LL5112
	Domestic Relations	LL5118
	Law of Business Associations	LL5111
	Local Government Law (Essay)	LL5117
	International Protection of Human Rights	LL5132
	Basic Principles of the Soviet and Yugoslav Legal Systems	LL5134
	Legislation (Essay)	LL5116
	Introduction to the Anthropology of Law (not available 1984-85)	LL5138
	Introduction to European Law	LL5133
	Legal and Social Change since 1750	LL5137
	Housing Law	LL5119
	Administrative Law	LL5115
	Economic Analysis of Law	LL5136
	Women and the Law	LL5135
	Law Relating to Civil Liberties	LL5130
(ii)	Sentencing and Treatment of Offenders	LL5171
	Legal Services to the Community (Essay)	LL5176
	Social Security Law I	LL5172
	Social Security Law II	LL5173
	Law of Landlord and Tenant (not if Housing Law is taken)	LL5174
	Race, Nationality and the Law	LL5177
	Sociological Theory and the Idea of Law	LL5179
	Outlines of Modern Criminology	LL5170
	Public Law and Economic Policy (not available 1984-85)	LL5178
	Health Care and the Law	LL5175

Each course in list (i) counts as one subject, while each course in list (ii) counts as one half subject. A candidate may not select more than four courses from list (ii). All the courses in lists (i) and (ii) will not necessarily be available each year.

A candidate who selects courses to the value of three and a half subjects will be required to make up the remaining half subject by writing an essay of about 6,000-8,000 words on a legal topic approved by the School.

At the discretion of the School and with the permission of the other School concerned, a candidate may be permitted to offer, as one of the two subjects required under this regulation, a law course taught at another School of the University of London and deemed to be of the value of one subject.

The Part I examination is conducted by written papers with the exception that a candidate who offers any course which is identified as being examinable by means of an essay will be required in that course to write an essay instead.

A candidate who passes courses to the value of three subjects and fails in the examination for the remaining courses may be referred in the paper(s) or essay(s) concerned: if he satisfies the examiners in the referred paper(s) or essay(s) at either of the two next following Part I examinations he is regarded as having passed the whole examination, otherwise he is required to take the whole of the Part I examination again.

A candidate who numbers an essay or essays amongst the courses in which he is referred will be permitted to re-submit the same essay or essays, after revision, at the next Part I examination.

A candidate who fails the Part I examination, including a failure in a course or courses examinable by means of an essay, will be permitted to re-submit the same essay or essays, after revision, at the next Part I examination.

A candidate who includes amongst the courses taken at the June Part I Examination a course or courses examinable by means of an essay and satisfies the Examiners in that course or courses yet fails the Examination as a whole, will be permitted to carry forward to the next Part I Examination the mark achieved in the course or courses concerned and will be required to be re-examined in the remaining courses.

An oral examination is compulsory for any candidate who offers an essay and questions put to him in the oral examination may extend to cover the wider background aspects of the essay.

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in courses to the value of two or more subjects in June to re-enter for the whole examination in September of the same year.

PART II EXAMINATION

A candidate is eligible to present himself for the Part II examination after having satisfactorily attended the prescribed course of study extending over not less than one academic year subsequent to passing the Part I examination.

The Part II examination is normally held once each year in May or June. A candidate is required to satisfy the examiners in:

	Study Guide Number LL5100
Jurisprudence	

He is also required to satisfy the examiners in other courses to the value of three subjects selected from the following lists:

	Study Guide Number	
(i)	Property II	LL5105
	Law of Evidence	LL5113
	Public International Law	LL5131
	Conflict of Laws	LL5114
	Mercantile Law	LL5110
	Labour Law	LL5112
	Domestic Relations	LL5118
	Law of Business Associations	LL5111
	Local Government Law (Essay)	LL5117
	International Protection of Human Rights	LL5132
	Basic Principles of the Soviet and Yugoslav Legal Systems	LL5134
	Legislation (Essay)	LL5116
	Introduction to the Anthropology of Law (not available 1984-85)	LL5138
	Introduction to European Law	LL5133

Legal and Social Change since 1750	LL5137
Housing Law	LL5119
Administrative Law	LL5115
Economic Analysis of Law	LL5136
Women and the Law	LL5135
Law Relating to Civil Liberties	LL5130
(ii) Sentencing and Treatment of Offenders	LL5171
Legal Services to the Community (Essay)	LL5176
Social Security Law I	LL5172
Social Security Law II	LL5173
Law of Landlord and Tenant (not if Housing Law is taken)	LL5174
Race, Nationality and the Law	LL5177
Sociological Theory and the Idea of Law	LL5179
Outlines of Modern Criminology	LL5170
Public Law and Economic Policy (not available 1984-85)	LL5178
Health Care and the Law	LL5175

Each course in list (i) counts as one subject, while each course in list (ii) counts as one half subject. A candidate may not select more than four courses from list (ii). All the courses in lists (i) and (ii) will not necessarily be available every year. A candidate may not offer a course which he has previously offered in the Part I examination.

A candidate who selects courses to the value of three and a half subjects will be required to make up the remaining half-subject by writing an essay on a legal topic approved by the School.

At the discretion of the School and with the permission of the other School concerned a candidate may be permitted to offer, as one of the three subjects required under this regulation, a Law course taught at another School of the University of London and deemed to be of the value of one subject.

The Part II examination is conducted by written papers with the exception that a candidate who offers any course which is identified as being examinable by means of an essay, will be required in that course, to write an essay instead. A candidate who offers an essay will not be permitted to offer the same essay at any succeeding examination.

The Examiners may, if they think fit, require any candidate at the Part II examination to present himself for an oral examination. An oral examination is compulsory for any candidate who offers an essay and questions put to him in the oral examination may extend to cover the wider background aspects of the essay.

Degree of Bachelor of Laws with French Law

The degree is part of a collaborative agreement between the L.S.E. and the University of Strasbourg, where the third year of the course is taken.

The examination for the degree consists of two parts, namely Part I and Part II. In order to qualify for admission to the course leading to the Part II examination a candidate is required to pass the examination for the Diplôme d'études juridiques de Strasbourg, hereinafter called the Diploma.

Candidates are required to enter for examinations at the School by applying to the Examinations Officer of the School. Candidates who are not registered as full-time or part-time students at the School are required to pay a fee on entry or re-entry to an examination. Details are available on request from the Examinations Office.

The examiners may require any candidate at the Intermediate, Part I and Part II Examinations to present himself for an oral examination, and an oral examination shall be compulsory for any candidate offering an essay.

INTERMEDIATE EXAMINATION

A candidate is eligible to present himself for the Intermediate Examination after having satisfactorily attended the prescribed course of study at the School extending over not less than one academic year.

The Intermediate Examination shall be held twice each year in the Summer Term and in September. A candidate will not normally be permitted by the School to make his first entry to the examination in September. The examination consists of four written papers in the following subjects:

	<i>Study Guide</i>
	<i>Number</i>
1. Public Law	LL5003
2. Law of Contract	LL5001
3. Law of Property I	LL5002
4. English Legal System	LL5000

In addition, each candidate is required to follow the first year of an approved course of instruction in French Language at the School.

A candidate who passes in three of the papers at an Intermediate Examination and fails in the remaining paper may be referred in that paper; if he satisfies the examiners in the paper in which he has been referred at either of the two next following Intermediate Examinations he is regarded as having passed the whole examination; otherwise he is required to take the whole of the Intermediate Examination again.

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in two or more subjects in the examination in the Summer Term to re-enter for the whole examination in September of the same year.

A candidate who has passed the Intermediate Examination may be permitted by the School to transfer to the LL.B. degree.

PART I EXAMINATION

A candidate is eligible to present himself for the Part I Examination after having satisfactorily attended the prescribed course of study extending over one year subsequent to passing the Intermediate Examination.

The Part I Examination shall be held each year, in the Summer Term and in September. A candidate will not normally be permitted by the School to make his first entry in September. The examination consists of four written papers:

Study Guide
Number
LL5041
LL5040

1. Law of Tort
2. Criminal Law
3. French Civil Law (at King's College) unless a candidate is given special exemption by the School, in which case he must select a further paper from those listed under 4 below.
4. A course to the value of one subject selected from lists (i) and (ii) under Part I of the LL.B. degree
or An approved subject in French Government or History

A candidate who passes in three of the papers at the Part I Examination and fails in the remaining paper may be referred in that paper; if he satisfies the examiners in the paper in which he has been referred at either of the two next following Part I Examinations he is regarded as having passed the whole examination; otherwise he is required to take the whole of the Part I Examination again.

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in two or more subjects in the examination in the Summer Term to re-enter for the whole examination in September of the same year.

In addition to the papers in regulation 13, each candidate will be required to follow the second year of the approved course of instruction in the French Language at the School and to achieve a satisfactory standard in the examination of the subject. A candidate who fails to achieve a satisfactory standard in the examination of French language yet passes the Part I Examination may be permitted by the School to transfer to the LL.B. degree, entering the third and final year of the course in the following session.

DIPLOMA

A candidate is eligible to present himself for the examination of the Diploma after having satisfactorily attended the prescribed course of study at the University of Strasbourg. The examination consists of courses to the value of three and a half subjects drawn from the following lists, which may be amended from time to time. Each candidate is required to follow the Introduction Générale to the course Droit Civil (Personnes, Familles, Capacité), whether or not the candidate elects to take this course.

WHOLE SUBJECT COURSES

Droit Civil (Personnes, Familles, Capacité)
Droit Civil (Obligations, Biens et Propriété)
Droit Constitutionnel et Institutions Politiques
Droit Administratif
Droit Commercial

HALF-SUBJECT COURSES

Droit Institutionnel Communautaire (this course may not be taken by a candidate who has followed the course of Introduction to European Law in Part I)
Histoire des Idées Politiques jusqu'en 1789
Libertés Publiques
Histoire du Droit (Droit Privé ou Droit de Travail, Famille, Obligations)
Droit Privé Allemand
Introduction au Droit Comparé

A candidate who does not take or fails to pass the examination for the Diploma in circumstances certified by the authorities of the University of Strasbourg and regarded

by the School as being equivalent to those which would have qualified him for the award of an Aegrotat on a degree course at the University of London, may be permitted by the School to continue his course for the LL.B. with French Law. Any other candidate who does not take or fails the examination will not be allowed to continue his course but may be permitted to transfer to the LL.B. degree and enter the final year of study and examination. In such a case the marks obtained by the candidate in the Part I Examination shall be made available to the examiners for the LL.B. degree.

PART II EXAMINATION

A candidate is eligible to present himself for the Part II Examination after having satisfactorily attended the prescribed course of study extending over not less than one academic year subsequent to passing the Part I Examination and the Diplôme d'Etudes. The Part II Examination is normally held once each year in May or June.

The examination consists of Jurisprudence and courses to the value of three subjects selected from the list of subjects available at Part II of the LL.B. degree, as amended from time to time. A candidate may not select more than four half-subject courses. A candidate who has followed the half-subject course Droit Institutionnel Communautaire for the Diploma may not select Introduction to European Law.

Successful candidates are awarded *either* (a) First Class Honours, *or* (b) Second Class Honours, *or* (c) Third Class Honours, *or* (d) a Pass Degree. The Second Class Honours list is divided into an Upper and a Lower Division. The names appear on the Pass List in alphabetical order in each division.

Degree of Bachelor of Laws with German Law

The degree is part of a collaborative agreement between the L.S.E. and the University of Marburg, where the third year course is taken.

The examination for the degree consists of two parts, namely Part I and Part II. In order to qualify for admission to the course leading to the Part II examination a candidate is required to pass the certifying examination conducted by the University of Marburg (hereinafter called the Certifying Examination).

Candidates are required to enter the examinations at the School by applying to the Examinations Office of the School. Candidates who are not registered as full-time or part-time students at the School are required to pay a fee on entry or re-entry to an examination. Details are available on request from the Examinations Office.

The examiners may require any candidate at the Intermediate, Part I and Part II Examinations to present himself for an oral examination, and an oral examination shall be compulsory for any candidate offering an essay.

INTERMEDIATE EXAMINATION

A candidate is eligible to present himself for the Intermediate Examination after having satisfactorily attended the prescribed course of study at the School extending over not less than one academic year.

The Intermediate Examination shall be held twice each year in the Summer Term and in September. A candidate will not normally be permitted by the School to make his first entry to the examination in September. The examination consists of four written papers in the following subjects.

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
1.	Public Law	LL5003
2.	Law of Contract	LL5001
3.	Law of Property I	LL5002
4.	English Legal System	LL5000

In addition, each candidate is required to follow the first year of an approved course of instruction in the German Language at the School.

A candidate who passes in three of the papers at an Intermediate Examination and fails in the remaining paper may be referred in that paper; if he satisfies the examiners in the paper in which he has been referred at either of the two next following Intermediate Examinations he is regarded as having passed the whole examination; otherwise he is required to take the whole of the Intermediate Examination again.

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in two or more subjects in the examination in the Summer Term to re-enter for the whole examination in September of the same year.

A candidate who has passed the Intermediate Examination may be permitted by the School to transfer to the LL.B. Degree.

PART I EXAMINATION

A candidate is eligible to present himself for the Part I Examination after having satisfactorily attended the prescribed course of study extending over one year subsequent to passing the Intermediate Examination.

The Part I Examination shall be held each year, in the Summer Term and in September. A candidate will not normally be permitted by the School to make his first entry in September. The examination shall consist of four written papers:

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
1.	Law of Tort	LL5041
2.	Criminal Law	LL5040
3.	German Civil Law unless a candidate is given special exemption by the School, in which case he must select a further paper from those listed under 4 below.	
4.	A course to the value of one subject selected from lists (i) and (ii) under Part I of the LL.B. degree or An approved subject in German Government or History	

A candidate who passes in three of the papers at the Part I Examination and fails in the remaining paper may be referred in that paper; if he satisfies the examiners in the paper in which he has been referred at either of the two next following Part I Examinations he is regarded as having passed the whole examination; otherwise he is required to take the whole of the Part I Examination again.

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in two or more subjects in the examination in the Summer Term to re-enter for the whole examination in September of the same year.

In addition to the papers in regulation 13, each candidate will be required to follow the second year of the approved course of instruction in the German Language at the School and to achieve a satisfactory standard in the examination of the subject. A candidate who fails to achieve a satisfactory standard in the examination of German language yet passes the Part I Examination may be permitted by the School to transfer to the LL.B. degree, entering the third and final year of the course in the following session.

CERTIFYING EXAMINATION

A candidate will pass the Certifying Examination by presenting written work and undergoing oral examination to the required standard in the Courses and by presenting written work to the required standard in the Exercises.

In each semester the student shall take Courses and Exercises in the following lists to the value of at least 12 hours per week.

<i>Courses</i>	<i>Exercises</i>
General Part of the Civil Code	Introductory Exercises in Civil Law
Law of Obligation II	(Propädeutische Übungen in
Constitutional Law I	Bürgerlichen Rechts)
Such other courses as may be	Civil Code Exercises (Part I)
approved by the Law Faculty,	Essay on a subject in German Law
University of Marburg	

A candidate who does not take or fails to pass the Certifying Examination in circumstances certified by the authorities of the University of Marburg and regarded by the School as being equivalent to those which would have qualified him for the award of an Aegrotat on a degree course at the University of London, may be permitted by the School to continue his course for the LL.B. with German Law. Any other candidate who does not take or fails his examination will not be allowed to continue his course may be permitted to transfer to the LL.B. degree and enter the final year of study and examination. In such a case the marks obtained by the candidate in the Part I Examination shall be made available to the examiners for the LL.B. degree.

PART II EXAMINATION

A candidate is eligible to present himself for the Part II Examination after having satisfactorily attended the prescribed course of study extending over not less than one academic year subsequent to passing the Part I Examination and the Certifying Examination. The Part II Examination is normally held once each year in May or June.

The examination consists of Jurisprudence and courses to the value of three subjects selected from the list of subjects available at Part II of the LL.B. degree, as amended from time to time. A candidate may not select more than four half-subject courses.

Successful candidates are awarded *either* (a) First Class Honours, *or* (b) Second Class Honours, *or* (c) Third Class Honours, *or* (d) a Pass Degree. The Second Class Honours list is divided into an Upper and a Lower Division. The names appear on the Pass List in alphabetical order in each division.

B.A. Honours in History (Branch II: Mediaeval and Modern)

This is a University-based course, taught and examined inter-collegiately. School candidates for the degree belong to the Department of International History, a considerable part of whose teaching is directed towards the degree.

The following is only a summary; full details are given in the list of Syllabuses and Courses approved by the Board of Studies in History (the White Pamphlet), a copy of which is given to each student for the degree annually.

The examination will consist of eight papers, up to three of which may be taken in the penultimate session of the candidate's course of study with the permission of the School. Honours classes will be awarded on a range of nine marks, comprising the marks obtained in the eight papers together with the ninth mark in the form of a Departmental Assessment which will reflect the Department's estimate of a candidate's performance in the last two years of his course.

Paper Number	Paper Title	Study Guide Number
1-5	Five of the following papers, to include three at least from Groups A and B, of which one shall be from Group A, one from Group B, and the third from either Group.	
Groups A and B: <i>The School offers teaching for all of the papers</i>		
A1.	British History down to the end of the 14th century. The paper will be divided into two sections. Candidates must answer at least one question from each section	Hy3420
A2.	British History from the beginning of the 15th century to the middle of the 18th century. Candidates may select questions from any two or from all three sections of the paper, which will be divided chronologically	Hy3426
A3.	British History from the middle of the 18th century. Candidates may select questions from any two or from all three sections of the paper, which will be divided chronologically	Hy3435
B1.	European History from 400 to 1200	Hy3450
B2.	European History from 1200 to 1500	Hy3453
B3.	European History from 1500 to 1800	Hy3456
B4.	European History from 1800	Hy3465

Group C: *the School offers teaching for those papers indicated.*

Teaching for the remainder is available in other schools and

Colleges of the University

C1.	History of Political Ideas. The paper will be divided into two sections: (a) European (b) South Asian Section (a) will be further divided: (i) questions related to the recommended texts; (ii) questions on the relations of European political ideas to their historical context.	Gv3150
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Candidates must attempt at least one question from each of the sub-sections (a) (i) and (a) (ii).

The following papers may be selected only subject to the approval of the School:

C2.	Any one of the papers A1-A3 in Branch 1B, or of the first three papers in one of the Branches III, IV, V and VII or of papers A1-A4 in Branch VI, or of the first two papers in Branch VIII
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- C3. History of the U.S.A. since 1783
 C4. History of Latin America from the middle of the 18th century
 C5. History of the British Empire and Commonwealth. The paper paper will be divided into three sections at 1783 and 1880. Candidates may select questions from any two or from all three sections.
 C6. History of Europe Overseas, 1492-1900
 C7. World History from the end of the 19th century
 6. An Optional Subject: *the School offers teaching only for those Hy3510 papers indicated; teaching for the remainder is available in other Schools and Colleges of the University*
 7 & 8. A Special Subject: *the School offers teaching only for those . EH1770, Hy3580 papers indicated; teaching for the remainder is available in . . Hy3583, Hy3586 other Schools and Colleges of the University*

Special subjects will be examined by one three-hour paper normally including passages for comment prescribed texts and *either* by another three-hour paper *or* by an essay not exceeding 5,000 words *or* two essays of not more more 2,500 words each. Such essays, which shall refer to tests and be fully documented, are to be on a topic or topics selected by the candidate and approved by his special subject supervisor and shall be submitted through the School by 31 March in the year a candidate completes his Final examination. Such essays should normally be typewritten. The method of examination to be adopted for any particular subject in any year will be subject to approval by the University.

In addition to the above papers there is a language requirement. The School has to certify *either* that the candidate has taken a language test in one or more foreign languages *or* that the candidate has taken a course in a foreign language. This year it has been decided that all students at the School will be required to take a language course, further details of which will be given in the first week of the Michaelmas term (see also the *White Pamphlet*).

Advantages and Concessions in Professional Training Granted to Holders of First Degrees

ACCOUNTANCY

Institute of Chartered Accountants in England and Wales

In order to qualify as a chartered accountant, a three-year period under a training contract with a firm of chartered accountants is necessary. Graduates who have taken an 'approved degree' are entitled also to exemption from the Institute's foundation examination. At the School, the course leading to the 'approved degree' is the course for the B.Sc. (Econ.) with the special subject Accounting and Finance (provided economics is taken at Part I). Partial exemption may be given to graduates who have taken other courses which include law, economics or statistics.

Further information may be obtained from the Secretary, Institute of Chartered Accountants in England and Wales, P.O. Box 433, Chartered Accountants' Hall, Moorgate Place, London, EC2P 2BJ.

Institute of Chartered Accountants of Scotland

The 'approved degree' (see above) is recognised by the Institute of Chartered Accountants of Scotland as a preliminary qualification under their requirements.

Further information may be obtained from the Institute of Chartered Accountants of Scotland, 27 Queen Street, Edinburgh, EH2 1LA.

Institute of Chartered Accountants in Ireland

Certain exemptions are granted by the Institute to graduates.

Further information may be obtained from the Director of Education of the Institute, 7 Fitzwilliam Place, Dublin 2.

Association of Certified Accountants

Students of the Association are not obliged to serve under a training contract, but may as an alternative obtain experience of an approved accounting nature in the finance or accounting department of a commercial or industrial company, in one of the nationalised industries, in national or local government or in the office of a practising accountant. The period of approved training for graduates is three years and may be undertaken before, after or at the same time as study for the professional examinations. Various exemptions are given from the Association's examinations to those who have taken the 'approved degree' (see above) or relevant subjects in other degrees.

Further information may be obtained from the Academic Services Department of the Association, 29 Lincoln's Inn Fields, London, WC2A 3EE.

Institute of Cost Management Accountants

Students obtain their practical training in industry. Various exemptions are given from the Institute's examinations to those who have taken the 'approved degree' (see above) or relevant subjects in other degrees.

Further information may be obtained from the Technical Director — Education and Training, The Institute of Cost and Management Accountants, 63 Portland Place, London, W1N 4AB.

The Chartered Institute of Public Finance and Accountancy

Students obtain their practical training in public service or enterprise. Graduates may be granted various exemptions from the Institute's examinations on the basis of papers taken at degree examinations.

Further information may be obtained from the Secretary, The Chartered Institute of Public Finance and Accountancy, 1 Buckingham Place, London, SW1E 6HS.

Further information on all of the above is given in the pamphlet *Approved Courses for Accountancy Education*, obtainable from the Board of Accreditation of Educational Courses, 399 Silbury Blvd., Witan Gate East, Central Milton Keynes, MK9 2HL and also from the Assistant Registrar (Registry and Undergraduate Admissions) at the School.

LAW

The Bar

The Council of Legal Education will normally grant to a student who has obtained a second class degree in law from The London School of Economics, exemption from entering for the whole of Part I of the examination for call to the Bar. The conditions concerning such exemptions are set out in the Consolidated Regulations of the Honourable Societies of Lincoln's Inn, the Inner Temple, the Middle Temple, and Gray's Inn. A candidate seeking admission to the Bar must take the Bar Part II. A person who holds a degree in a subject other than law will have to take a one year course for the Common Professional Examination. Full details may be obtained from the Council of Legal Education, Gray's Inn Place, London, WC1R 5DX.

The Profession of Solicitor

Candidates seeking to qualify as solicitors must serve under articles of clerkship to a practising solicitor and pass the Law Society's examinations. The period of articles for candidates who have taken a degree at a approved university is two years. Any first degree of the University of London qualifies for this purpose.

In most cases law graduates are wholly exempt from Part I of the Law Society's qualifying examination (now called the Common Professional Examination) and may sit for Part II of the qualifying examination (now called the New Final) before entering into articles. Holders of degrees in subjects other than law may sit for both Parts of the Law Society's qualifying examination before entering into articles. Further details may be obtained from The Law Society, 113 Chancery Lane, London, WC2A 1PL.

ACTUARIAL PROFESSION

The School provides teaching over the full range of topics involved in academic preparation for an actuarial career, viz. mathematics, statistics and economics, accounting and finance as well as professional actuarial subjects. Students can be in touch with the Institute of Actuaries (whose offices are only a short walk from the School) during their course and can gain exemptions from the A level examinations of the Institute. The principle is that coverage of the corresponding subject within a degree course will result in exemption from the Institute of Actuaries paper, subject to appropriate performance in the degree examinations.

All six examinations at the first level (the A-examinations) of the Institute are covered by students taking the main field Actuarial Science in the B.Sc. degree. Within the B.Sc. (Econ.) complete coverage may be obtained by a suitable choice of options within the Special Subject Statistics. Further information may be obtained from the School or from the Institute of Actuaries, Staple Inn Hall, High Holborn, London, WC1V 7QJ.

The Graduate School and Regulations for Diplomas and Higher Degrees

General Note: The School prepares students for degrees of the University of London. It has no power to award its own degrees.

In its inception the London School of Economics was dedicated to research and advanced studies; and throughout its existence, the Graduate School, which is one of the largest of its kind in the country, has constituted a major division of its activities.

In the session 1983/84, about 1900 students were registered in the Graduate School either for systematic work for different higher degrees, or for shorter visits and special enquiries. The greater number of registered graduates work for the higher degrees of London University or for Diplomas, but qualified applicants are admitted to do research under supervision without working for a degree.

At the present time the work of the Graduate School falls into two parts — advanced training and research.

For advanced training, the School provides lectures, classes, seminars and individual supervision for students who wish to take a University of London Master's degree by examination or a Diploma (see below). Such training is specifically designed to carry further specialisations commenced during work for a first degree, and to provide professional competence in the subject in which it is given.

For research, unique facilities are provided by the close proximity of the School to the centres of government, business and law, and by its ease of access to the British Museum which, with the School's own large library, comprise perhaps the richest depository in the world of material relating to the social sciences.

Graduate students wishing to register for the University of London's research degrees will be expected as a general rule to have attained the level of competence required by the one-year Master's degree. At this stage they have the opportunity of proceeding, according to their competence, either to the M.Phil., which involves a relatively short dissertation, or to the Ph.D., which involves a dissertation of more substantial dimensions. Students who are thus registered are attached to individual supervisors, who at all stages will be responsible for advising them on the planning and execution of their research.

A separate handbook, *The Graduate School*, issued each session, is available. It contains a fuller description of facilities at the School for graduate students.

Postal enquiries about admission to the Graduate School should be addressed to the Secretary of the Graduate School. Applicants enquiring in person should call at the Graduate School Admissions Office. Applications for October entrance must reach the School on the prescribed form. As preliminary correspondence is often necessary, applicants are advised to make first enquiries well in advance.

Degrees

The degrees of the University of London for which graduate students may register at the London School of Economics are as follows:

- (a) Doctor of Philosophy (Ph.D.)
- (b) Master of Philosophy (M.Phil.)
- (c) Masters' Degrees:
 - Master of Arts (M.A.)
 - Master of Science (M.Sc.)
 - Master of Laws (LL.M.)

Diplomas

Students are registered in the Graduate School for all the Diplomas listed in pp. 257–269.

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Research Fee Registration

As indicated earlier the School accepts for registration students wishing to visit the School for short periods to undertake research or studies not leading to the award of a School or University qualification. Such students carry out their research under the guidance of a supervisor and may attend relevant lectures and seminars recommended by their supervisor. They may be allowed to take examinations, the results of which may be made available; certificates of attendance are available on request. Admission will depend upon the applicants' possessing academic qualifications which, in the opinion of the Graduate School Committee, are adequate for the course of study or research proposed; it will also depend upon places being available. Unless some other period is specified in the School's letter of acceptance, registrations under the Research Fee are valid for one session only and students so registered should apply to the Graduate School Office before the end of the session if they wish to be considered for re-registration for all or part of the following session.

The Higher Doctorates

The School does *not* register candidates for higher doctorates. Only London graduates are eligible to apply for these doctorates and all candidates interested should communicate directly with the Academic Registrar at the University of London, Senate House, London, WC1E 7HU.

External Higher Degrees

Only graduates of London University, either internal or external, may proceed to external higher degrees of the University; all arrangements for external degrees are made through the External Department, Senate House, Malet Street, London WC1E 7HU. It is most unusual for candidates for external higher degrees to be registered at the School, but occasionally arrangements may be made for such students to register at the School under the Research Fee arrangement (see above). Candidates so accepted must conform to the appropriate School and University Regulations and, while registered at the School must pay the same tuition fees as candidates registered for internal degrees.

The School reserves the right at all times to withdraw or alter particular courses or course syllabuses.

Regulations for Higher Degrees of the University of London

The principal provisions of the University's Regulations, as they most commonly affect students at the School, are described below. In general, students deal with the University through the Graduate School (except in matters to do with the detailed arrangements for examinations for the University's degrees). However, it is the responsibility of all students registered for a degree of the University of London to acquaint themselves with the relevant Regulations of the University, a copy of which may be obtained from the Graduate School Office or from the University.

Qualifications for Admission to the Graduate School

The minimum qualifications required to establish eligibility for admission to a Diploma course are described in the Regulations for each Diploma (below).

The University of London lays down the following minimum entrance requirements for admission to its higher degrees:

- (a) A Second Class Honours degree of a UK university or of the C.N.A.A. or an overseas qualification of an equivalent standard obtained after a course of study extending over not less than three years in a university (or educational institution

- (b) of university rank) in a subject appropriate to that of the course to be followed: or
(b) A professional qualification obtained by written examination and approved by the University as an appropriate entrance qualification for the Master's degree course in question.

The School may consider for registration candidates who possess a degree, or overseas qualification of equivalent standard obtained after a course of study extending over not less than three years in a University (or educational institution of University rank), in a subject appropriate to that of the course to be followed *and* who, although they do not meet the normal entry standard defined in (a) above, yet by evidence of their background and experience satisfy the School as to their fitness to follow the course. Where such candidates cannot present evidence that they possess the necessary background and experience they may be considered by the School for registration, provided that the School so determines and provided also that they pursue the course for a period at least one year longer than the minimum period prescribed in the individual course regulations in order that they may, in the initial stages of that longer period attain the standard normally expected for registration.

The School may apply to the University for special consideration to be given to an applicant without the minimum qualifications who offers instead other qualifications obtained by written examination (this may be done in cases where the applicant has, for example, considerable work experience relevant to the proposed area of study).

N.B. There are many more applications than places available, and the School usually specifies conditions of admission over and above the minimum requirements. Possession of the minimum qualifications as defined above is not in itself accepted as evidence that applicants possess sufficient knowledge and training to study the subject at the standard proposed. Every application is considered on its merits, and applicants may be required to attend an additional course and/or to pass a qualifying examination before or during the course.

Registration, Attendance and Course of Study

1. It is essential that all students while pursuing a course of study as internal students should be prepared to attend personally for study at the School during the ordinary terms at such time or times as their supervising teachers may require. All graduate students are therefore required to be resident within normal daily travelling distance of central London during term time.
2. If students do not register at the beginning of the session, serious administrative difficulties may be caused; students who register late will be required to pay a 'late registration fee'. If a candidate who has been offered admission for October fails to register at the School by 30 October, without adequate reasons and without informing the School in advance of his inability to register in time, the offer of admission will be automatically cancelled.
3. Students accepted by the School must be registered with the University as soon as they start their courses at the School. As part of this process, students must complete a registration form and return it to the Graduate School Office, where they must also show satisfactory *official* evidence of their qualifications.
4. The School must register students with the University not later than three months after the date on which the course is begun. Retrospective registration may be allowed in some circumstances, particularly where the student has already been registered in the Graduate School. There is no provision for retrospective registration for a taught Master's degree. Only in exceptional circumstances may retrospective registration towards another degree be allowed for any period spent on a taught Master's degree.
5. Except with the special permission of the Academic Council of the University an internal student will not be permitted to register concurrently for more than one degree, diploma, or certificate, or for any combination of these awards of this

University. Nor will any person be registered as an internal student of the University of London while registered as a student for the equivalent qualification of any other university or of the C.N.A.A., nor will any person, except with special permission of the Academic Council, be admitted as a candidate to any examination leading to an award of this University who has been admitted as a candidate for examination leading to the comparable award of another university or the C.N.A.A. unless that person has pursued at the two universities separate prescribed courses leading to the examination concerned. No student who is registered as an external or associate student of the University of London may be registered concurrently as an internal student of the University.

6. *Part-time registration* at the School is intended for those who, by reason of outside employment or other duties, must spread their course over a longer than normal period in order to be able to attend the relevant teaching and to complete the minimum course of study.

Before students are permitted to register part-time, they must supply adequate evidence as to the nature and hours of their employment or other outside commitments, which should normally amount to at least 15-20 hours per week in the London area, in term-time. It is not normally possible for overseas students to obtain admission to Britain to study on a part-time basis.

7. *Full-time students* may be permitted by the School, on the recommendation of their supervisors, to undertake a limited amount of *paid employment* relevant to their studies. It must be made clear, however, that continued registration at the School depends on satisfactory attendance and progress, and that full-time students should be primarily committed to their studies. If other commitments seriously affect their studies, their continued registration at the School might be jeopardized.

Grant-awarding bodies may have their own rules as to the amount of paid employment which may be undertaken by students holding their awards; the School will not permit award-holders to undertake paid employment in contravention of such rules.

8. A qualifying or preliminary examination may be imposed after registration, as a condition of being allowed to enter for the degree examination. Students upon whom such a condition has been imposed will normally be required to sit the qualifying examination at least one year before they enter for a degree examination (or submit a thesis). Students failing to pass this qualifying examination will not be permitted to re-enter for it without the permission of the School.

Regulations for Diplomas

The School offers tuition for a number of Diplomas, mostly awarded by the School (except those in Law and International Law, which are awarded by the University of London) for persons holding a university degree or other qualification approved by the School. School Diplomas are normally examined in June by means of formal written examination papers: these may be supplemented by essays, and examiners may test any candidate by means of oral questions. The University Diplomas in Law and International Law are examined by means of a dissertation; and the Diploma in International Law may also be examined in August/September by means of three formal written examination papers.

The Course of Study

The course of study will, according to subject, extend over not less than one academic year for full-time students, or two academic years for part-time students. Occasionally, students may be asked to attend for a preliminary year's preparation and to pass a qualifying examination before being allowed to proceed to the Diploma course.

Details of the various courses offered at the School for a Diploma are contained in pp. 257-269. N.B. Where the Regulations for a course indicate that special permission is required for a student to take a particular subject or combination of subjects, such permission must be sought at the beginning of the course of study.

A candidate who fails in the examination will not normally be re-admitted to the School, but may re-enter the examinations once more without being registered at the School. Special arrangements apply to candidates for the Diplomas in Social Policy and Administration and in Social Planning in Developing Countries, and to those candidates for the University Diplomas in Law and International Law who are examined by means of a dissertation.

Examination Arrangements

Entry for Examination

Examination entry forms for School Diploma examinations are made available through the Graduate School Office, at the appropriate time. Forms for re-entry to examinations will not be issued automatically; candidates must ask for them in late January. Candidates are bound by the Regulations in force at the time of their re-entry to the examination. Candidates re-entering for examinations will be required to enter for the same examinations as they entered for previously, unless they have satisfactorily completed courses for different examinations.

Withdrawal from Examination and Illness at the Examinations

Full instructions on the procedure to be followed if a candidate wishes to withdraw, or is prevented by illness or other good cause from attending the examination, are supplied with the examination entry form. Generally speaking, candidates should, in their own interests, inform the Graduate School Office as early as possible and ask for advice as to their position.

Appointment of Examiners for School Diplomas

The examination shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director, together with one or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years, but for three calendar years thereafter shall not be again eligible for appointment.

Notification of Results

After the examiners have reached a decision, every candidate for a School Diploma will be notified of the result by the Secretary of the Graduate School. For some Diplomas, grades of Distinction, Merit and Credit are awarded, and are also published

for the individual components of the examination; in others, the only grade awarded is a mark of Distinction to candidates showing exceptional merit in the examination, and for these Diplomas results are not published for the individual components of the examination. A Diploma bearing the seal of the School and indicating any grade awarded is sent to every candidate awarded a School Diploma.

N.B. The School reserves the right to withhold, or to ask the University to withhold the award of a Diploma to a candidate owing fees to the School.

Study Guides

In the regulations which follow a Study Guide number is printed opposite each examination paper. The Study Guides are in printed in detail in Part III of the Calendar, with a general explanation on page 324.

Diploma in Accounting and Finance

The examination shall comprise the following five papers:

Paper Number	Paper Title	Study Guide Number
1.	Accounting and Finance I	Ac1020
2.	(a) Elements of Accounting and Finance or (b) Accounting and Finance II	Ac1000 Ac1120
3,4 & 5.	Three of the following:	
	(a) (i) Economics A (<i>candidates will be expected to take A2</i>) or (ii) Economic Principles or (iii) Economics of Industry or (iv) Monetary Systems	Ec1400 Ec1425 Ec1451 Ec1514
	(b) (i) Basic Statistics or (ii) Introduction to Econometric and Economic Statistics	SM7200 Ec1430
	(c) (i) Basic Mathematics for Economists or (ii) Elements of Management Mathematics	Ec1415 SM7340
	(d) Commercial Law	LL5060
	(e) (i) Industrial Relations or (ii) Organizational Theory and Practice	Id3220 Id3221
	(f) (i) General Computing or (ii) Elements of Computer Science	SM7301 SM7300
	(g) Modern British Business in Historical Perspective 1900-1980	EH1660
	(h) Any other paper approved by the Convener of the Department of Accounting and Finance	

The choice of options is subject to the approval of the Convener, who may also permit alternative papers to be offered where the candidate is already proficient in one or more of the above subjects.

Part-time students may take two or three papers at the end of the first year of their course and the remainder at the end of the final year of their course.

Diploma in Business Studies

Examination

The examination shall consist of four papers from the following:

Paper Number	Paper Title	Study Guide Number
1,2 & 3.	Three of the following:	
	(a) (i) Elements of Accounting and Finance	Ac1000

	or (ii) Accounting and Finance I	Ac1020
(b)	(i) Economics A2	Ec1400
	or (ii) Economic Principles	Ec1425
	or (iii) Economics of Industry	Ec1451
(c)	Commercial Law	LL5060
(d)	(i) Organisation Theory and Practice	Id3221
	or (ii) Industrial Relations	Id3220
4.	One of the following:	
	(a) (i) Basic Statistics	SM7200
	or (ii) Elements of Management Mathematics	SM7340
	or (iii) General Computing	SM7301
	or (iv) Elements of Computer Science	SM7300
	or (v) Another approved paper from the Department of Statistical and Mathematical Sciences	
(b)	Modern British Business in Historical Perspective 1900-1980	EH1660
(c)	Any other paper approved by the candidate's teachers	

and

II. An essay of not more than 5,000 words on an approved topic

The choice of options is subject to the approval of the School, which may also permit alternative papers to be offered where the candidate is already proficient in one or more of the above subjects.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

Diploma in Criminal Justice

The examinations will comprise three papers as follows:

1. Criminology
2. Sentencing and the Penal Process
3. English Criminal Law

Exceptionally, with the approval of the School, candidates may be permitted to substitute for one of the papers listed above, a paper on Comparative Criminal Law and Procedure, or any other appropriate paper for which teaching is offered at the School. A student may also, with the approval of his supervisor and at the discretion of the examiners, substitute an essay of not more than 10,000 words, which must be submitted by 15 May, for one of the above papers.

Part-time students may take one or two papers at the end of the first year of their course and the remainder (including the essay) at the end of the second year.

Diploma in Econometrics

The examination shall comprise four papers as listed below, options being selected with the approval of the candidate's supervisors. Candidates would normally be required to take papers 3(a) and 4(a) as listed below unless a course of study in these subjects had already been satisfactorily completed.

Paper Number	Paper Title	Study Guide Number
1.	Econometric Theory	Ec1575
2.	Topics in Quantitative Economics	Ec1579
3.	(a) Principles of Economics Treated Mathematically	Ec1426
	or (b) Any other approved paper	
4.	One of the following:	
	(a) Probability, Distribution Theory and Inference	SM7220
	(b) Mathematical Methods	SM7020

- (c) Any other approved paper
 (d) With the approval of the teachers concerned, a course of study examinable by means of a project

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

Diploma in Economics

The examination shall comprise four papers selected with the approval of the candidate's supervisor from the list below.

Note: Candidates who wish subsequently to be considered for the M.Sc. in Economics at the School will normally be expected to choose the following options under 2, 3 and 4 below (in addition to Paper 1): *one* of the mathematics papers listed in (a), *one* of the statistics papers listed in (b), and *one* of (c), (f), (g), (h), (i), (m) or (p). (This requirement may be waived where candidates can satisfy their supervisors that they have already reached the required standard in a particular paper or papers.)

Paper Number	Paper Title	Study Guide Number
1.	(a) Economic Principles	Ec1425
	or (b) Principles of Economics Treated Mathematically	Ec1426
	or (c) Advanced Economic Analysis	Ec1506
2,3 & 4.	Three of the following:	
	(a) (i) Basic Mathematics for Economists	Ec1415
	or (ii) Elementary Mathematical Methods	SM7000
	or (iii) Elements of Management Mathematics	SM7340
	(b) (i) Basic Statistics	SM7200
	or (ii) Introduction to Econometric and Economic Statistics	Ec1430
	or (iii) Elementary Statistical Theory	SM7201
	or (iv) Principles of Econometrics	Ec1561
	(c) Introduction to Economic Policy	Ec1450
	(d) Problems of Applied Economics	Ec1500
	(e) Public Finance	Ec1507
	(f) Monetary Systems	Ec1514
	(g) Principles of Monetary Economics	Ec1513
	(h) Labour Economics	Ec1452
	(i) Economics of Industry	Ec1451
	(j) Elements of Accounting and Finance	Ac1000
	(k) Theory of Business Decisions	Ec1453
	(l) History of Economic Thought	Ec2425
	(m) Economic Development	Ec1521
	(n) Economic Institutions Compared	Ec1454
	(o) Planning	Ec1527
	(p) International Economics	Ec1520
	(q) Game Theory	SM7025
	(r) An approved paper in Economic History	—
	(s) Any other paper inside or outside the Department of Economics approved by the candidate's teachers	—

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

Diplomas in Geography

The examination shall comprise papers on four subjects selected with the approval of the department from the list below. Candidates for the Diploma in Economic Geography are required to include at least *two* papers in that field (marked (E) in the list below); candidates for the Diploma in Urban and Social Geography are required to include at least *two* papers from the fields of urban and social geography (marked (U) in the list below).

Paper Number	Paper Title	Study Guide Number
1.	One of the following:	
	(a) Methods in Geographical Analysis	Gy1816
	(b) Basic Economic Geography (E)	—
	(c) Urban Geography (U)	Gy1822
	(d) Social Geography: Spatial Change and Social Process (U)	Gy1821
	(e) Man and his Physical Environment (E)	Gy1808
2,3 & 4.	Three of the following:	
	(a) A further paper from (1) above	
	(b) Comparative Studies in Spatial Policy (U)	Gy1931
	(c) Social Geography of Urban Change (U)	Gy1929
	(d) Spatial Aspects of Economic Development (E)	Gy1920
	(e) Advanced Economic Geography: Agriculture (E)	Gy1921
	(f) Economics and Geography of Transport (E)	Ec1544
	(g) Urban and Regional Planning (U)	Gy1926
	(h) Resource and Environmental Management (E)	Gy1943
	(i) Transport: Planning and Environment (E)	Gy1942
	(j) An approved regional study	Gy1875
	(k) Any other subject approved by the candidate's teachers	

Part-time students may take one or two papers at the end of the first year of the course and the remainder at the end of the second year.

Diploma in International and Comparative Politics

The examination shall consist of four papers as follows:

Paper Number	Paper Title	Study Guide Number
1.	World Politics	IR4700
2,3 & 4.	Three of the following:	
	(a) The Politics of International Economic Relations	IR3784
	(b) Strategic Aspects of International Relations	IR3782
	(c) Foreign Policy Analysis	IR3781
	(d) International Institutions	IR3703
	(e) Modern Political Thought: A Study of European Political Thought since 1770	Gv3122
	(f) History of British Politics in the Twentieth Century	Gv3021
	(g) The Politics and Government of a Foreign Country (one of USA, USSR, France, Germany, African States)	Gv3050-57
	(h) Any other subject approved by the candidate's teachers	

Part-time students may take two papers on completion of their first year and the remainder on completion of their final year.

Diploma in International Law

The University of London awards a Diploma in International Law.

1. The course of study is open to:
 - (a) graduates of this or another university whose undergraduate courses and/or previous experience have included a substantial preliminary training in Law
 - (b) those who, although not graduates, have satisfied the University that their previous education in law qualifies them to rank on the same level as graduates admissible under the preceding paragraph.

Students are required to attend a course of study approved for the purpose by the University extending over not less than one session.

2. The examination will take place once in each year, beginning on or after 25 August.

Every candidate entering for an examination must submit a completed entry form not later than 1 May.

3. A candidate may obtain the Diploma in International Law, either

A. by passing an examination consisting of three papers in:

- I. Public International Law and/or Conflict of Laws
- or II. three of the International Law subjects which, for the time being, can be offered for the Master of Laws Examination. (There shall be one paper in each subject)
- or III. with the permission of the University, one of the International Law subjects which, for the time being can be offered for the Master of Laws Examination.

or

B. by submitting a dissertation, which must be written in English and must afford evidence of serious study by the candidate and of his ability to discuss a difficult problem critically.

Note: The subjects referred to under A. II and A. III above are, at present, the following:

- (a) Comparative Conflict of Laws
- (b) History of International Law
- (c) Law of International Institutions
- (d) Law of European Institutions
- (e) Air and Space Law I
- (f) Air and Space Law II
- (g) International Law of the Sea
- (h) The International Law of Armed Conflict and the Use of Force
- (i) International Economic Law
- (j) Legal Aspects of Defence Studies
- (k) Law of Treaties
- (l) Methods and Sources of International Law
- (m) European Community Law
- (n) Comparative Approaches to International Law
- (o) International Business Transactions
- (p) The International Protection of Human Rights

4. The subject of the dissertation must be submitted for the approval of the University not later than 15 April in the year in which the course of study is completed.

If the examiners consider that the dissertation submitted by the candidate, though inadequate is of sufficient merit to justify such action, they may, after examining the candidate as prescribed above, determine that he be permitted to re-present this dissertation in a revised form within one calendar year.

Candidates must forward two copies of the dissertation typewritten or printed and bound in the prescribed fashion and a short abstract (2 copies) of the dissertation

comprising not more than 300 words. Candidates must submit their dissertations within one year of completing the course of study, together with an entry-form which must be duly filled in with the certificate of course of study thereon attested in accordance with the General Regulations for Approved Courses of Study.

5. Statutes and other Documents in the Examination Room: Candidates will be permitted to take into the examination room and use such statutes and other documents as may from time to time be prescribed by the Board of Examiners. The Board will prescribe:

- (a) the papers for which statutes and other documents may be taken in and used, and
- (b) the statutes and other documents that may be taken in and used.

Candidates should note that personal annotation on statutes or other material permitted to be taken into the examination is forbidden.

A list of candidates who have satisfied the examiners at the written examination, arranged in alphabetical order, will be published by the Academic Registrar on 5 November.

A candidate who does not, at the first entry, successfully complete the written examination may re-enter the examination on one occasion, normally at the next following examination.

6. A certificate to be called the 'Diploma in International Law', under the seal of the University, will be delivered to each successful candidate.

Diploma in Law

The University of London awards a Diploma in Law.

1. The course of study is open to:

- (a) graduates of this or another university whose undergraduate courses and/or previous experience have included a substantial preliminary training in Law
- (b) those who, although not graduates, have satisfied the School that their previous education in law qualifies them to rank on the same level as graduates admissible under the preceding paragraph.

Students are required to attend a course of study for the purpose by the University extending over not less than one session.

2. A candidate is required to submit a dissertation, which must be written in English and must afford evidence of serious study by the candidate and of his ability to discuss a difficult problem critically.

The subject of the dissertation must be submitted for the approval of the University not later than 15 April in the year in which the course of study is completed.

If the examiners consider that the dissertation submitted by the candidate, though inadequate is of sufficient merit to justify such action, they may, after examining the candidate as prescribed above, determine that he be permitted to re-present this dissertation in a revised form within one calendar year.

Candidates must forward two copies of the dissertation typewritten or printed and bound in the prescribed fashion and a short abstract (2 copies) of the dissertation comprising not more than 300 words. Candidates must submit their dissertations within one year of completing the course of study, together with an entry-form which must be duly filled in with the certificate of course of study thereon attested in accordance with the General Regulations for Approved Courses of Study.

3. A list of candidates who have satisfied the examiners, arranged in alphabetical order, will be published by the Academic Registrar on 5 November.

A certificate to be called the 'Diploma in Law', under the seal of the University, will be delivered to each successful candidate.

Diploma in Logic and Scientific Method

The examination shall comprise three of the following papers. (Candidates will normally be required to take papers (a) and (b).)

Paper Number	Paper Title	Study Guide Number
(a)	Advanced Scientific Method	Ph6200
(b)	(i) Logic	Ph6201
	or (ii) Mathematical Logic	Ph6202
(c)	Advanced Mathematical Logic	Ph6203
(d)	History of the Philosophy of Science	Ph6204
(e)	Metaphysics and Epistemology	Ph6205
(f)	Philosophy of Mathematics	Ph6206
(g)	Growth of Modern Science	Ph6207
(h)	Philosophy of the Social Sciences	Ph6208

The choice of options is subject to the approval of the School.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year.

Diploma in the Management of Information Systems

Paper Number	Paper Title	Study Guide Number
1.	Computers in Information Processing Systems	SM8302
2.	Advanced Systems Analysis	SM8304
3.	Information Systems in Developing Countries and a 10,000 word project to be submitted by 15 September.	SM8306

The examination shall comprise three papers as follows to be taken in June.

1.	Computers in Information Processing Systems	SM8302
2.	Advanced Systems Analysis	SM8304
3.	Information Systems in Developing Countries and a 10,000 word project to be submitted by 15 September.	SM8306

Diploma in Management Sciences

The examination shall comprise four papers, selected with the approval of the candidate's supervisor, drawn from at least three of the following groups:

Paper Number	Paper Title	Study Guide Number
Group I		
(a)	Operational Research Methods	SM7345
(b)	Model Building in Operational Research (not to taken unless (a) is also taken)	SM7347
Group II		
(a)	Systems Analysis and Design	SM7322
(b)	Elements of Computer Science	SM7300
or (c)	Computing Methods	SM7320
Group III		
(a)	Statistical Techniques for Management Sciences	SM7230
(b)	Marketing and Market Research	SM7231
(c)	Basic Statistics	SM7200
or (d)	Elementary Statistical Theory	SM7201
Group IV		
(a)	Basic Mathematics for Economists	Ec1415

or (b)	Elementary Mathematical Methods	SM7000
or (c)	Mathematical Methods	SM7020

Group V

(a)	Elements of Accounting and Finance	Ac1000
or (b)	Economics A (candidates will be expected to take A2)	Ec1400
or (c)	Economics B	Ec1403
or (d)	Introduction to Mathematical Economics	Ec1408
or (e)	Organization Theory and Practice	Id3221
(f)	Computer Project (only to be taken if papers II(a) and (b) are also taken)	—

The choice of options is subject to the approval of the Convener, who may also permit alternative papers to be offered where the candidate is already proficient in one or more of the above subjects. A candidate may not offer a paper in which he or she has been examined at first degree level or its equivalent. A candidate who wishes to go on to an M.Sc. in the Department will be expected to follow an appropriate course of study in the Diploma. For example, candidates for the M.Sc. in Analysis, Design and Management of Information Systems will normally be expected to offer papers II(a), II(b) and V(f).

These conditions may be waived where the candidate's supervisor is satisfied that the candidate has already reached the required standard in a particular paper or papers.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

Diploma in Operational Research

The examination shall comprise the following four papers:

Paper Number	Paper Title	Study Guide Number
1.	Operational Research Methods	SM7345
2.	Model Building in Operational Research	SM7347
3 & 4.	Two of the following:	
(a)	(i) Elementary Statistical Theory	SM7021
	or (ii) Statistical Techniques for Management Sciences	SM7230
(b)	(i) Elementary Mathematical Methods	SM7000
	or (ii) Mathematical Methods	SM7020
(c)	(i) Elements of Computer Science	SM7300
	or (ii) Numerical Methods	SM7330
	or (iii) Computing Methods	SM7320
(d)	Game Theory	SM7025
(e)	Any other paper approved by the candidate's teachers	

The choice of options is subject to the approval of the Convener, who may also permit alternative papers to be offered where the candidate is already proficient in one or more of the above subjects. A candidate may not offer a paper in which he or she has been examined at first degree level or its equivalent. A candidate who wishes subsequently to be considered for the M.Sc. in Operational Research will normally be expected to include papers (a) and (b) under 3 and 4 above in his or her selection. This condition may be waived where the candidate's supervisor is satisfied that the candidate has already reached the required standard in a particular paper or papers.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

Diploma in Social Philosophy

The examination shall comprise the following:

Paper Number	Paper Title	Study Guide Number
1.	Social Philosophy	Ph6250
2.	Philosophy of the Social Sciences	Ph6208
3.	One of the following:	
	(a) Logic	Ph6201
	(b) History of the Philosophy of Science	Ph6204
	(c) Metaphysics and Epistemology	Ph6205
	(d) An approved paper in Social Anthropology	
	(e) An approved paper in Sociology	
	(f) Any other paper approved by the candidate's teachers	

The choice of options is subject to the approval of the School. Candidates may be permitted to substitute for paper 2 a further paper listed under 3 above.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year.

Diploma in Social Planning in Developing Countries

The examination will comprise three papers as follows:

Paper Number	Paper Title	Study Guide Number
1.	Social Policy and Planning in Developing Countries	SA6740
2 & 3.	Two of the following:	
	(a) Problems of Health and Disease	SA6741
	(b) Planning of Welfare Services	SA6742
	(c) Rural Development	SA6743
	(d) Social and Economic Aspects of the Housing System	SA6744
	(e) Social Implications of Education	SA6745

In assessing a candidate's performance the examiners shall have regard to the essays or other work written by the candidate during the course.

Candidates who reach the prescribed standard in each of two subjects only of the examination may, at the discretion of the examiners, be referred in the third subject and resit the examination on not more than two subsequent occasions. If they are then successful they shall be awarded the Diploma.

Candidates who are unsuccessful in the examination as a whole shall receive a certificate of attendance, on which shall be recorded those subjects in the examination, if any, in which they have passed.

A candidate who is absent from some or all of the examinations or fails to satisfy the examiners may be a candidate for the whole examination on one further occasion. Further examination will be at the discretion of the examiners.

The examiners may recommend for an aegrotat a candidate who:—

- (i) has completed the full period of study and any field work or practical work required by the regulations;
- (ii) has been absent through illness or other sufficient cause from the whole or part of the examination for the Diploma;
- (iii) has made application, supported where appropriate by a medical certificate, to the Secretary for an aegrotat award.

Having considered the work which the candidate has submitted in such part of the

examination as he or she has attended if any, records of the candidate's performance during the course, and assessments provided by the candidate's teachers, the examiners will determine whether evidence has been shown to their satisfaction that, had he or she completed the examination, the candidate would clearly have reached a standard which would have qualified him for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

Diploma in Social Policy and Administration

The examination shall comprise the following papers:

Paper Number	Paper Title	Study Guide Number
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Option I

Two papers, an essay and assessment of field work as follows:

- | | |
|-------------------------------------|--------|
| 1. Social Policy and Economics | SA6600 |
| 2. Social Structure and Psychology | SA6601 |
| 3. Social Policy and Administration | SA6611 |

An essay of not more than 5,000 words on a topic approved by the candidate's teacher. The essay shall be submitted to the Secretary of the Graduate School by a date to be determined by the Convener.

4. Assessment of field work based on supervisor's reports: a candidate will be required to undertake twelve weeks' full-time field work normally in Britain during vacations as an integral part of the course. In the case of students resident in Britain six weeks of this shall normally be undertaken before the beginning of the course of study.

Option II

Three papers and either an essay or assessment of fieldwork as follows:

Paper Number	Paper Title	Study Guide Number
1.	Social Policy	SA6610
2.	The Development of British Social Policy	SA6615
3.	Social Structure and British Government	SA6616

4. An essay as under 3 in Option I
or Assessment of field work based on supervisor's reports as under 4 in Option I

In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate fails in one paper but reaches the prescribed standard in each other paper, the examiners may, at their discretion and if they do not consider the failure to be serious, declare the candidate to be referred in that paper.

An examination for candidates so referred may be held either in the following August or at any subsequent Diploma examination.

Candidates may offer on not more than two subsequent occasions a paper in which they have been referred, of which the first occasion shall not normally be more than two, nor the second normally more than four academic years later than the occasion of the candidate's referral. If on one of these occasions they are successful in attaining the prescribed standard in that paper they shall be treated as having then satisfied the examiners in the whole examination.

The examiners may recommend for an aegrotat a candidate who

- (i) has completed the full period of study and any field work or practical work required
- (ii) has been absent through illness or other sufficient cause from the whole or part of the examination for the Diploma
- (iii) has made application, supported where appropriate by a medical certificate to the Secretary for an aegrotat award.

Having considered the work which the candidate has submitted in such part of the examination as has been attended if any, records of the candidate's performance during the course, and assessments provided by the candidate's teachers, the examiners will determine whether evidence has been shown to their satisfaction that, had he or she completed the examination, the candidate would clearly have reached a standard which would have qualified him or her for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

Candidates who complete the course of study for the Diploma, but for reasons which, in the opinion of the Convener of the department, are sufficient, fail to present themselves for examination, or who present themselves, but fail to satisfy the examiners in the examination and who are not referred in any paper, may be candidates for the whole examination on two, but not more than two subsequent occasions, of which the first shall not normally be more than two or the second normally more than four academic years later than the occasion of their failure. If they are on either of those occasions referred in one paper, the regulation above relating to referral shall apply to them.

Candidates who re-enter for the Diploma examination may not re-submit an essay which they have previously submitted for examination.

Candidates for the Diploma taking Option I (or if taking Option II electing to take fieldwork) shall be required to submit to the Convener of the department before the date on which they satisfy the examiners in the examination, or not later than two calendar years (or such further period as the Convener of the department may in any particular case permit) after that date, evidence to the satisfaction of the Convener of the department of their having completed field work of such nature and such duration as may be prescribed by the Convener of the department.

Diploma in Social Psychology

The examination will comprise the following:

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
1.	Methods of Psychological Research II: Social and Statistical	Ps5420
2 & 3.	Two papers from the following:	
	(a) Personality and Social Behaviour	Ps5421
	(b) Cognitive Psychology	Ps5422
	(c) Advanced Study of Psychological Processes	Ps5501
	(d) Social Change and Social Organisations	Ps5502
	(e) Communication and Attitude Change	Ps5514
	(f) Child Development	Ps5511
	(g) Personality and Motivation	Ps5512
	(h) Groups and Group Functioning	Ps6402
	(i) Social Psychology of Conflict	Ps6404
	(j) Groups and Interpersonal Behaviour	Ps5513
	(k) Applications of Social Psychology	Ps5510
4.	An essay, research report or a paper approved by the Convener	

The choice of papers is subject to the approval of the Convener, who may also permit alternative papers to be offered.

Note: Not all the papers listed under 2 and 3 above will be available in every year.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

Diploma in Sociology

The examination shall consist of four papers, as follows:

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
1.	Methods of Social Investigation	So6960
2.	Sociological Theory	So5821
3.	Comparative Social Structures I: (Complex Pre-Industrial Societies)	So5820
4.	Comparative Social Structures II: (Industrial Societies)	So5830

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

A candidate may, at the discretion of the examiners, substitute an essay of not more than 10,000 words, which must be submitted by 15 May, for the paper Comparative Social Structures I.

A candidate wishing to proceed to the M.Sc. in Sociology will normally be expected to obtain a mark of Distinction in order to be allowed to do so.

Diploma in Statistics

The examination shall comprise four papers selected with the approval of the candidate's supervisor from the following list:

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
(a)	Probability, Distribution Theory and Inference	SM7220
(b)	Statistical Theory	SM7241
(c)	(i) Elementary Mathematical Methods or (ii) Mathematical Methods	SM7000 SM7020
(d)	Social Statistics and Survey Methodology	SM8260
(e)	Statistical Demography	SM7126
(f)	Operational Research Methods	SM7345
(g)	(i) Econometric Theory or (ii) Principles of Econometrics	Ec1575 Ec1516
(h)	(i) Elements of Computer Science or (ii) Numerical Methods or (iii) Any other paper approved by the candidate's teachers	SM7300 SM7330

Candidates may not offer a paper in which they have been examined at first degree level or its equivalent.

Candidates will normally be expected to include papers (a) and (c) in their selection, and if they wish subsequently to be considered for the M.Sc. in Statistics at the School, they will normally include paper (b) also. These restrictions may be waived where candidates can satisfy their supervisors that they have already reached the required standard in a particular paper or papers.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

The Master's Degrees — M.Sc., LL.M., M.A.

The University of London Master's degree is intended for award mainly on the result of written examinations after a course of study beyond first-degree level. In addition to written papers, students are required in some subjects to submit essays or reports on practical work written during the course of study.

The Course of Study

The course of study for a full-time student will extend over not less than *one* academic or *one* calendar year, according to subject; but students whose initial qualifications in the field of study they wish to pursue are held by the School to be insufficient may be required to extend the course over *two* years and to pass a qualifying examination not less than one year before entering for the degree examination. If they fail to pass this qualifying examination they will not be allowed to re-enter for it without the permission of the School. No candidate will be admitted to the School to follow the course of study for a taught Master's degree except at the beginning of the session, i.e. in October.

A student who has been admitted to the School as a part-time student will be required to extend the course over *two* academic or *two* calendar years or longer if necessary.

Details of the various courses offered at the School for the University of London's Master's degrees are contained in pp. 271-307. **N.B.** Where the regulations for a course indicate that special permission is required for a student to take a particular subject or combination of subjects, such permission must be sought at the beginning of the course of study, and the Graduate School Office must be informed if permission is given.

A student registered for a taught Master's degree may, with the permission and recommendation of the supervisor, apply to proceed to a research degree instead. On registering for the research degree the Master's degree registration will lapse. Only in exceptional circumstances may any period of time spent on the Master's degree count towards the prescribed period of registration for the research degree.

A candidate who fails in the examination will not normally be re-admitted to the School, but, under University regulations, may re-enter for the examination once more without being registered at the School.

Examination Arrangements

Entry for Examination

Examination entry forms should be collected from the Graduate School Office at the appropriate time. They should be completed according to the instructions supplied and returned to the Graduate School Office promptly by 12 January for June examinations (this also applies to candidates for September examinations who are to sit papers examined in June) and by 12 April for September examinations, so that the forms can be sent on to the University by the closing date (1 February and 1 May respectively).

Entry forms for *re-entry* to examinations will not be issued to candidates no longer registered at the School unless they ask for them at the appropriate time (mid-December for June examinations, late March for September examinations). Candidates are bound by the Regulations in force at the time of their re-entry to the examination. Candidates re-entering for examinations will be required to enter for the same examinations as they entered for previously, unless they have satisfactorily completed courses for different examinations.

Withdrawal from Examinations

Students who have entered for an examination and who wish to withdraw should inform the Graduate School Office as soon as possible, and should ask for advice as to their position if they should wish at some later date to re-enter for the examination. Generally speaking, students should notify the University of withdrawal from an examination *at least a week before* it begins, if that entry is not to be counted for the

purposes of calculating liability for fees on re-entry and the number of occasions on which the student may re-enter. University Regulations also require students to have satisfied the examiners within two years of completion of the course, if they are to be awarded the degree; however, this period may be extended at the School's discretion.

Illness at the Examination

Candidates who are prevented owing to illness or other cause judged sufficient by the Academic Council of the University (such as death of a near relative) from completing at the normal time the examination for which they have entered may

- (a) enter the examination on the next occasion when the examination is held, or at the discretion of the examiners
- (b) be set a special examination in those elements of the examination missed as soon as possible after that date and be permitted to submit any work prescribed (e.g. report) at a date to be specified by the University.

Applications on behalf of such candidates must be made by the School, be accompanied by a medical certificate and must reach the Academic Registrar at the University within seven days from the last day of the examination. Such applicants should, therefore, contact the Secretary of the Graduate School *immediately* if they are prevented from sitting any examination paper(s).

Notification of Results

After the examiners have reached a decision, every candidate will be notified by the Academic Registrar of the University of the result of the examination.

The result of the examination is given for the examination as a whole. Results are not published for the individual components of an examination, and no marks or grades are awarded, other than a mark of Distinction to candidates showing exceptional merit in the examination.

A Diploma under the Seal of the University shall be subsequently delivered to each candidate who has been awarded a degree.

N.B. The School reserves the right to ask the University to withhold the award of a degree to a candidate owing fees to the School.

In the regulations which follow a Study Guide number is printed opposite each examination paper. The Study Guides are printed in detail in Part III of the Calendar, with a general explanation on page 338.

M.Sc. in the Faculty of Economics Study Guides

Accounting and Finance

Duration of Course of Study

Full-time: One academic year (or one calendar year if an option examined in September is chosen).

Part-time: At least two academic years (or two calendar years if an option examined in September is chosen).

Examination

Students will be examined on four courses or three courses and an essay or report as listed below. The examination for courses marked with an asterisk comprises two two-hour papers.

Paper Number	Paper Title	Study Guide Number
1.	Advanced Accounting and Finance I	Ac2000
2.	Advanced Accounting and Finance II	Ac2001

3 & 4. Two of the following selected with the approval of the candidate's teachers:

- | | |
|---|--------|
| (a) Advanced Accounting and Finance III* | Ac2002 |
| (b) Advanced Accounting and Finance IV* | Ac2003 |
| (c) Economics of Industry | Ec2436 |
| (d) Public Finance | Ec2435 |
| (e) (i) Operational Research Techniques and Applications | SM8342 |
| or (ii) Advanced Mathematical Programming | SM8351 |
| (f) (i) Computing and Data Processing | SM8300 |
| or (ii) Advanced Systems Analysis | SM8304 |
| (g) Industrial Organization | Id4202 |
| (h) A paper from another course for the M.Sc. in the Faculty of Economics | |
| (i) An essay or report of not more than 10,000 words | |

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of the papers for two courses, taken after completion of those courses. The second part will consist of the remaining paper(s) and the essay or report, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June (except that a paper taken under (h) above will be examined at the time that course is examined).
Essay/report	1 June.

Analysis, Design and Management of Information Systems

Duration of Course of Study

Full-time: One or two calendar years, depending on the candidate's entry qualifications.

Part-time: At least two calendar years, depending on the candidate's entry qualifications.

Examination

I Three written papers as follows:

Paper Number	Paper Title	Study Guide Number
1.	Advanced Systems Analysis	SM8304
2.	Computers in Information Processing Systems	SM8302
3.	One of the following selected with the approval of the candidate's teachers:	
	(a) Advanced Econometric Theory I	Ec2560
	(b) Operational Research Techniques and Applications	SM8342
	(c) Industrial Organization	Id4203
	(d) Financial Reporting and Management	Ac2150
	(e) Management Mathematics	SM8350
	(f) Manpower Policy	Id4223
	(g) Any other subject approved by the candidate's teachers	

and

II A report of not more than 10,000 words on a project selected with approval of the candidate's teachers.

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part of the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	15 September

Demography

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I	Three written papers as follows:	
1.	Analytic Demography	SM8100
2.	Applied Demography	SM8101
3.	Social and Economic Demography	SM8102
	This paper will include a special study of a topic to be selected from	
	(a) Third World Demography	SM7123
	(b) The Demographic Transition and the Modern Western World	SM7122
	(c) The Population History of England	SM7121
	(d) Family Composition, Kin and the Life Cycle	SM7125
	(e) Migration	SM7124

and

II A dissertation of not more than 10,000 words on a topic approved by the candidate's teachers.

Dates of Examination

Written papers	June
Dissertation	15 September

Economics

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

Paper Number	Paper Title	Study Guide Number
Four written papers as follows:		
1.	(a) Macro-Economics I or (b) Macro-Economics II	Ec2402 Ec2403
2.	(a) Micro-Economics I or (b) Micro-Economics II	Ec2404 Ec2405
3.	(a) Methods of Economic Investigation I or (b) Methods of Economic Investigation II	Ec2410 Ec2411
4.	One of the following:	
	(a) Advanced Economic Theory I: Theory of Economic Growth	Ec2420
	(b) Advanced Economic Theory II: Linear Economic Models	Ec2421
	(c) Advanced Economic Theory III: Theory of Investment Planning	Ec2422
	(d) History of Economic Thought	Ec2425
	(e) International Economics	Ec2426
	(f) Theory of Optimal Decisions	Ec2428
	(g) Labour Economics	Ec2429
	(h) Monetary Economics	Ec2430
	(i) Economics of Public Enterprise	—
	(j) Economics of Transport	Ec2432
	(k) Public Finance	Ec2435
	(l) Economics of Industry	Ec2436
	(m) The Economics of Less Developed Countries and of their Development	Ec2440
	(n) Agricultural Economics	—
	(o) Soviet Economic Development	Ec2441
	(p) Theory and Implementation of Detailed Planning	Ec2442
	(q) Economics of Education and Human Capital	Ec2450
	(r) Urban Economics	Ec2451
	(s) Marx, Walras and Keynes in the Light of Contemporary Economic Analysis	Ec2455
	(t) Environmental Economics	Ec2460
	(u) Economic Inequality	Ec2465
	(v) The Economics of Technological Change and Long-Term Growth	Ec2470
	(w) Game Theory	SM7025
	(x) Capital Markets, the Corporation and Taxation	Ec2435
	(y) Any other field of Economics approved by the candidate's teachers	

In exceptional circumstances, a candidate may, subject to the approval of his teachers, substitute for one of the papers under 1, 2 or 3 a second paper selected under 4 or a paper in a second subject under 4.

Students following the part-time course may, with the approval of the School take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining papers and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter the first part

and to enter for the second part at the same examination and if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers June

Preliminary Year

Some students may be asked to take the Preliminary Year Programme, and, before being allowed to proceed in their final year to the M.Sc. as described above, to pass in four examinations as follows:

1.	Preliminary Year Macroeconomics	Ec2590
2.	Preliminary Year Microeconomics	Ec2591
3.	One of the following:	
	Basic Mathematics for Economists	Ec1415
	Elementary Mathematical Methods	SM7000
	Elements of Management Mathematics	SM7340
4.	One of the following:	
	Basic Statistics	SM7200
	Economic Statistics	Ec1430
	Elementary Statistical Theory	SM7201
	Principles of Econometrics	Ec1561

Econometrics and Mathematical Economics

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

Four written papers or, subject to the approval of the candidate's teachers, three written papers and an essay or report as follows:

Paper Number	Paper Title	Study Guide Number
1.	(a) Advanced Quantitative Economics I or (b) Advanced Quantitative Economics II	Ec2550 Ec2551
2,3 & 4.	Three of the following selected with the approval of the candidate's teachers:	
	(a) Advanced Quantitative Economics I (if not taken under I)	Ec2550
	(b) Advanced Quantitative Economics II (if not taken under II)	Ec2551
	(c) Advanced Econometric Theory I	Ec2560
	(d) Advanced Econometric Theory II (only available to candidates selecting paper Advanced Econometric Theory I)	Ec2561
	(e) Advanced Mathematical Economics I	Ec2570
	(f) Advanced Mathematical Economics II	Ec2571
	(g) (i) Advanced Mathematical Programming or (ii) Applied Abstract Analysis	SM8351 SM7060
	(h) Game Theory	SM7025
	(i) Microeconomics II	Ec2405
	(j) Any other subject approved by the candidate's teachers	
	(k) An essay or report of not more than 10,000 words	

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining papers, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter

for the second part at the same examination and if on that occasion the examination is failed to make one further attempt at the whole examination.

Dates of Examination

Written papers June
Essay/Report 1 June

Preliminary Year

Some students may be asked to take the Preliminary Year Programme and to pass two examinations, in econometric theory and mathematical economics, before being allowed to proceed in their final year to the M.Sc. as described above. The Preliminary Year Programme will include additional studies and seminars in economic theory, mathematics, statistics, economics and econometrics. Details may be found in Study Guide numbers Ec1570 and Ec1575.

Economic History

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Option A

Examination

I. Three written papers selected with the approval of the candidate's teachers as follows:

Paper Number	Paper Title	Study Guide Number
1.	The Sources and Historiography of Economic History in one of the following:	
	(a) England 1350-1500	EH2600
	(b) England in the Seventeenth Century	EH2605
	(c) Britain from the later Eighteenth Century	EH2610
	(d) U.S.A. 1890-1929	EH2615
2 & 3.	Two of the following:	
	(a) A second paper under 1 (above)	—
	(b) A paper on a specified period in the Economic History of Great Britain or the U.S.A.	—
	(c) (i) Evolution of Early Technology to c. 1650 or (ii) The Emergence of Modern Technology c. 1650-1850	—
	or (iii) Technology in the Modern Era	—
	(d) Regional Problems in the United States	Gy2851
	(e) History of Economic Thought	Ec2425
	(f) The Regulation of the Economy by Government in the U.S.A.	Gv4130
	(g) British Labour History	EH2700
	(h) The Population of the United States of America from Colonial Times to the Present	EH2710

- | | |
|---|--------|
| (i) Aspects of Latin American Economic History since Independence (a reading knowledge of Spanish or Portuguese is desirable) | EH2715 |
| (j) The History of Transport from the Turnpike to the Motorway | EH2701 |
| (k) In exceptional circumstances and subject to the approval of the department, a second paper under 2 and 3(b) above, provided that one of the two papers is on the Economic History of the U.S.A. | |

and

II. A report of about 10,000 words on a topic approved by the candidate's teachers relating to the period chosen under 1

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers September (except that papers 2 and 3(c), (e), (f), (h), and (i), will be taken in June)
Report 1 September

Option B

Examination

I. Three written papers selected with the approval of the candidate's teachers as follows:

Paper Number	Paper Title	Study Guide Number
1.	Growth, Poverty and Policy in the Third World since 1850	EH2790
2 & 3.	Two of the following:	
	(a) The Latin American Experience of Economic Imperialism	EH2780
	(b) (i) Economic History of the U.S.A. 1873-1939 or (ii) Britain and the International Economy 1919-1964	EH2660
	(c) The Economics of Less-Developed Countries and of their Development	Ec2440
	(d) Sociology of Development	So6831

and

II. A report of about 10,000 words on a topic approved by the candidate's teachers relating to paper 1 above

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	September (except that papers 2 and 3 (a), (c) and (d) will be taken in June)
Report	1 September

European Studies**Additional Entry Qualifications**

Applicants should possess a knowledge of at least one European language other than English.

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I. Three written papers as follows:		
1 & 2. <i>Two</i> of the following:		
(a)	European History since 1945	Hy4540
(b)	The Politics of Western European Institutions	IR4751
(c)	The Economic Organisation of the European Economic Community (not to be taken with paper 3(e))	Ec2516
3. <i>One</i> of the following:		
(a)	A paper from 1 and 2 not already taken	
(b)	The Politics and Government of an Approved European Country	Gv4090, Gv4100, Gv4110
(c)	The Political Geography of Western Europe	Gy2850
(d)	The International Politics of Western Europe	IR4750
(e)	The Economics of European Integration (not to be taken with paper 1 and 2 (c))	Ec2515
(f)	The Law of European Economic and Monetary Transactions	LL6050
(g)	The Law of Western European Institutions	LL6051
(h)	Comparative European Social Structures	So6969
(i)	Public Policy in Italy and France	Gv4165

and

- II. An essay of not more than 10,000 words on an approved topic falling within the field of one of the candidate's chosen papers.

Dates of Examination

Written papers	June
Essay	15 September

All students admitted for this course are required to take a test at the beginning of January to check on their progress. According to the results of this test, they may be advised, in extreme cases, to withdraw from the course, or, possibly, to take two years over the course. Candidates are not expected to 'pass' the test as if it were an end-of-course examination, but are advised to be aware of the fact that the test is regarded as an indication of progress.

Geography**Duration of Course of Study**

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I. Three written papers as follows:		
1.	Geographical Concepts and Methods	Gy2800
2.	Research Techniques and Design	Gy2801
3.	<i>One</i> of the following:	
(a)	Social Change and Urban Growth	Gy2820
(b)	Regional Policy and Planning	Gy2821
(c)	Natural Resources Management and Environmental Planning	Gy2822
(d)	Spatial Aspects of Change in Economic Activity	Gy2823
(e)	Geography of Transport Planning	Gy2824
(f)	Any other subject of comparable range in the field of Geography, or one related thereto, approved by the candidate's teachers	

and

- II. A report of not more than 10,000 words on an approved topic.

and

- III. Assessment of written work submitted during the course.

Candidates will also be required to show satisfactory evidence of acquaintance with field and other practical research techniques.

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	15 September

Industrial Relations and Personnel Management**Duration of Course of Study**

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I. Three written papers as listed below:		
1.	(a) Industrial Relations and Personnel Management: Institutions and Processes	Id4200
	or (b) Industrial Relations: Theory and Comparative Systems	Id4201
2 & 3. <i>Two</i> of the following:		
(a)	A paper from 1 not already taken	
(b)	Industrial Organisation	Id4202
(c)	Industrial Psychology	Id4220

- (d) Industrial Sociology Id4221
- (e) Labour Law LL6112
- (f) Labour Market Analysis Id4224
- (g) Labour History Id4222
- (h) Manpower Policy Id4223
- (i) Financial Reporting and Management Ac2150
- (j) Economics of Industry Ec2436
- (k) Systems Analysis SM8303
- (l) Any other paper approved by the candidate's teachers

and

II. A report of not more than 10,000 words on an approved subject.

and

III. Assessment of essays written during the course.

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, and will be taken after the completion of the appropriate courses. The second part will consist of the remaining paper and the report will be taken in the final year of the course.

N.B. Students wishing to seek exemption from the examinations of the Institute of Personnel Management are expected to take papers 1(a), 1(b) and 2 & 3(h), and a special supplementary programme of work.

Dates of Examination

Written papers	June
Report	1 September

International History

Additional Entry Qualifications

A knowledge of at least one European language in addition to English is advised and, for some courses, is essential.

Curriculum

1. One of the following general periods, including a knowledge of its sources and historiography:
 - (a) 1688-1740
 - (b) 1740-1789
 - (c) 1789-1815 (not at present available)
 - (d) 1815-1870
 - (e) 1870-1914
 - (f) 1914-1946
2. Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period under section 1:
 - (a) 1500-1815
 - (b) 1815-1919
 - (c) 1919-1946
3. A special aspect to be studied with the appropriate period under section 1. Candidates will be expected to show knowledge of set printed sources and relevant monographs and articles. This aspect will be selected from those available to candidates for the M.A. in International History and approved by the candidate's teachers

Courses by special arrangement

Courses by special arrangement

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

1. Three written papers
- and
2. An essay of not more than 10,000 words as a topic within the field of the period selected.

Dates of Examination

Written papers	June
Essay	Not later than 30 September

International Relations

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

Paper Number	Paper Title	Study Guide Number
I.	Three written papers as follows:	
1.	International Politics	IR4600
2 & 3.	Two of the following, to be chosen with the approval of the candidate's teachers:	
(a)	Foreign Policy Analysis	IR4610
(b)	International Institutions	IR4630
(c)	European Institutions	IR4631
(d)	The Politics of International Economic Relations	IR4640
(e)	The International Legal Order	IR4632
(f)	Strategic Studies	IR4650
(g)	International Politics: The Western Powers	IR4660
(h)	International Politics: The Communist Powers	IR4661
(i)	International Politics: Asia and the Pacific	IR4662
(j)	International Politics: Africa and the Middle East	IR4663
(k)	International Business in the International System	IR4641
(l)	Marxism and International Relations	IR4622
(m)	Concepts and Methods in International Relations	IR4621
(n)	International Law and Organizations in Latin America and the Caribbean	IR4633
(o)	The Politics of Money in the World Economy	IR4642
(p)	Nationalism	So6850
(q)	Any other subject of comparable range in the field of International Relations, or one related thereto approved by the candidate's teachers	—
II.	An essay of not more than 10,000 words on an approved topic	

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the essay, and will be taken in the final year of the course.

Dates of Examination

Written papers	June
Essay	1 June

All students admitted for this course will be required to take a test at the beginning of October, to help their tutors advise them on course work and reading, especially in International Politics.

Logic and Scientific Method

Duration of Course of Study

Full-time: One academic year or one calendar year depending on the Scheme of Examination.

Part-time: Two academic or two calendar years depending on the Scheme of Examination.

Examination

I. Three written papers selected with the approval of the candidate's teachers as follows (candidates are normally required to take papers (a) and (b)):

Paper Number	Paper Title	Study Guide Number
(a)	Advanced Scientific Method	Ph6200
(b) (i)	Logic	Ph6201
or (ii)	Mathematical Logic	Ph6202
or (iii)	Elements of Logic	Ph5200
(c)	Advanced Mathematical Logic	Ph6203
(d)	History of the Philosophy of Science	Ph6204
(e)	Metaphysics and Epistemology	Ph6205
(f)	Philosophy of Mathematics	Ph6206
(g)	Growth of Modern Science	Ph6207
(h)	Philosophy of the Social Sciences	Ph6208

and

II. An essay of not more than 10,000 words on a topic falling within the field of any of the papers

Exceptionally candidates may be examined by four written papers selected with the approval of their teachers from the list given above (candidates will normally be required to take papers (a) and (b)).

Dates of Examination

Written papers	June
Essay	15 September

Operational Research

Additional Entry Qualifications

A knowledge of mathematics and statistics to the level of Elementary Mathematical Methods and Elementary Statistical Theory in Part I of the B.Sc. (Econ.). A student who applies without previous study of one or more of these subjects may be required to pass a qualifying examination before admission.

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

Students are required to be examined on courses to a total of four units, as detailed below. All courses are half-units unless specified to the contrary. The examination for

each half-unit will normally be by means of a two-hour unseen examination paper, or for each whole unit, a three-hour unseen examination paper. In addition, coursework may also be assessed.

Paper Number	Paper Title	Study Guide Number
I.		
1.	Techniques of Operational Research	SM8343
2.	Applications of Operational Research	SM8344
3.	The Context of Operational Research and Simulation	SM8345
II.	Courses totalling five half-units, of which at least one must be from subjects II.1 to II.7, and at least three must be from subjects II.1 to II.14.	
1.	Mathematical Programming 1	SM8354
2.	Mathematical Programming 2 (if II.1 is also taken)	SM8355
3.	Graphs and Combinatorics	SM8346
4.	Advanced Operational Research Techniques	SM8347
5.	Stochastic Processes	SM8203
6.	Further Simulation	SM8348
7.	Decision Analysis in Theory and Practice	SM8204
8.	Transport Models	SM8356
9.	Urban Models	SM8357
10.	Workshop on Urban and Transport Models (if II.8 and/or II.9 is also taken)	SM8358
11.	Models of Social Processes (if II.5 is also taken)	SM8213
12.	Statistical and Economic Aspects of Educational Planning	SM8214
13 & 14.	Public Policy Analysis (one unit)	SA6632
15.	Systems Analysis I	SM8305
16 & 17.	Advanced Systems Analysis (one unit)	SM8304
18 & 19.	Computers in Information Processing Systems (one unit)	SM8302
20.	Statistical Sources, Packages and Data Analysis	SM8254
21.	(i) Basic Time Series and Forecasting: Robust Methods and Non-parametrics	SM8256
	or (ii) Statistical Techniques for Operational Research	SM8253
22.	Game Theory I	SM8253
23.	Game Theory II (if II.22 is also taken)	SM8002
24 & 25.	Any other subject(s) approved by the student's teachers	SM8003

Not all the courses listed in Part II will necessarily be available every year. Students who have already covered material comparable to that in I.1 will be required to replace it with a half-unit from courses II.1 to II.14. A report on an agreed subject may be submitted to count as one unit provided that the minimum number of half-units from II.1 to II.7 and from II.1 to II.14 is also taken.

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of the three compulsory subjects, I.1 to I.3, and will be taken after the completion of courses for those subjects. The second part will consist of the remaining requirements of the examination and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination, and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	June

Politics 1 — History of Political Thought

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
Four written papers:		
1.	Nature and Scope of Intellectual History	Gv4000
2.	Critical Problems in the History of Political Thought	Gv4001
3.	Set Text (Candidates will choose <i>one</i> of a list of specified authors)	Gv4010-18
4.	Essay paper	

Dates of Examination

Written papers September

Politics 2 — The Politics and Government of the U.K.

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Either Four written papers
or Three written papers and an essay written during the course

Paper Number	Paper Title	Study Guide Number
1,2 & 3. <i>Three</i> of the following:		
(a)	The State in Britain	Gv4025
(b)	Interpretations of the Constitution	Gv4026
(c)	The History of British Politics in the Twentieth Century	—
(d)	Modern British Political Ideas	Gv4028
4.	(a) An essay to be written under examination conditions; candidates will be given a choice of essay titles drawn from work covered during the course of study	
	(b) (by arrangement) An essay of not more than 10,000 words, written on any approved topic during the course of study	

Candidates may, subject to the approval of their teachers, substitute any other paper which is offered for the M.Sc., LL.M., or M.A., for one of the papers listed under 1, 2 and 3 above. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of up to two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper(s) and the essay will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers September
Essay 15 September

Politics 3 — Political Sociology

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I. Three written papers		
1.	Theories and Concepts of Political Sociology	Gv4040
2.	Revolutions and Social Movements	Gv4041
3.	The Study of Political Behaviour	Gv4042

and

II. An essay of about 15,000 words written on an approved topic during the course of study.

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed above any other paper which is offered for the M.Sc., LL.M., or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of up to two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper(s) and the essay and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers September
Essay 1 August

Politics 4a — The Politics and Government of Russia

Additional Entry Qualifications

An ability to read political texts in Russian. If this is lacking a two-year course, involving intensive study of the Russian language in the first year, will be necessary.

Duration of Course of Study

Full-time: At least one calendar year, depending on the student's knowledge of Russian.

Part-time: At least two calendar years, depending on the student's knowledge of Russian.

Examination

Paper Number	Paper Title	Study Guide Number
1,2 & 3. <i>Three</i> of the following:		

(a)	Russian Political Institutions — 1861-1917	Gv4051
(b)	Russian Political Thought — 1815-1980	Gv4052
(c)	The Development of Soviet Polity	Gv4053
(d)	Soviet Political Institutions	Gv4054

and

4. An essay of not more than 10,000 words written on an approved topic during the course of study

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of up to two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper(s) and the essay will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	September
Essay	15 September

Politics 4b — The Politics and Government of Russia (without Russian Language)

Curriculum

Set texts will be studied in translation

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
1,2 & 3. <i>Three</i> of the following:		
(a)	Russian Political Institutions — 1861-1917	Gv4051
(b)	Russian Political Thought — 1815-1980	Gv4052
(c)	The Development of the Soviet Polity	Gv4053
(d)	Soviet Political Institutions	Gv4054

and

4. An essay of not more than 10,000 words written on an approved topic during the course of study.

Part-time students may, with the approval of the School, take the examination in two parts. The first will consist of up to two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper(s) and the essay and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	September
Essay	15 September

Politics 5 — Comparative Government

(This course will not be offered in 1984/85)

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
I. Three written papers		
1.	Comparative Government	Gv4065
2 & 3. <i>Two</i> of the following papers:		
(a)	Government and Politics of the USSR	Gv4050
(b)	The Government and Politics of France	Gv4090
(c)	The Government and Politics of Germany	Gv4100
(d)	Government and Politics of a selected African country	Gv4120
(e)	The Regulation of the Economy by Government in the U.S.A.	Gv4130
(f)	Government and Politics of Scandinavia	Gv4110
(g)	Government and Politics of Eastern Europe	Gv4060
(h)	Government and Politics of Latin America	Gv4140

and

- II. An essay of not more than 10,000 words written on an approved topic during the course of study.

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed above any other paper which is offered for the M.Sc., LL.M., or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Part-time students may, with the approval of the School, take the examination in two parts. The first will consist of up to two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper(s) and the essay and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	September (June for papers 2 & 3(b), (c), (d), (e), (f), (g) and (h) and, if appropriate, the substituted paper referred to above)
Essay	15 September

Politics 6 — Public Administration and Public Policy

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
I. Three written papers:		
1.	Comparative Administrative Systems	Gv4160
2.	Public Policy and Planning	Gv4161

3. One of the following:
 - (a) Comparative Local Government Gv4162
 - (b) Comparative Public Enterprise Gv4163
 - (c) Administration and Government in New and Emergent States Gv4122
 - (d) Administration in Regional and Urban Planning Gv4164
 - (e) Regulation of the Economy by Government in the U.S.A. Gv4130
 - (f) Public Policy in Italy and France Gv4165

and

- II. An essay of not more than 10,000 words written on an approved topic during the course of study

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed in section 3 above any other paper which is offered for the M.Sc. LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

In exceptional circumstances, a candidate may be allowed, subject to the supervisor's approval, to substitute a second optional paper from 3 above, or from the M.Sc. in Social Policy and Planning or from any other paper which is offered for the M.Sc. in Politics, for one of the papers 1 or 2 above.

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of up to two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper(s) and the essay will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Essay	1 September

Politics 7 — The Politics and Government of Western Europe

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
1.	Three written papers	
1.	The Politics and Government of Western Europe	Gv4071
2.	One of the following:	
	(a) The Government and Politics of Germany	GV4100
	(b) The Government and Politics of France	Gv4090
	(c) Government and Politics of Scandinavia	Gv4110
3.	Either another paper from 2 above or one of the following:	
	(a) European Multiparty Systems	Gv4072
	(b) Public Policy in Italy and France	Gv4165
	(c) Comparative European Social Structures	So6969
	(d) European History Since 1945	Hy4540
	(e) The Politics of Western European Institutions	IR4751
	(f) The International Politics of Western Europe	IR4750

and

- II. An essay of not more than 10,000 words written on an approved topic during the course of study.

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed in section 3 above any other paper which is offered for the M.Sc. LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of up to two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper(s) and the essay and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Essay	15 September

Politics 8 — Politics and Government in Africa

(This course will not be offered in 1984/85)

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
1.	Three written papers	
1.	African Government and Politics	Gv4121
2.	International Politics in Africa	IR4755
3.	Government and Politics of a Selected African State	Gv4120

and

- II. An essay of not more than 10,000 words written on an approved topic during the course of study.

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed above any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of up to two papers, taken after completion of courses for those remaining paper(s) and the essay and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Essay	15 September

Politics 9 — Political Philosophy

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
---------------------	--------------------	---------------------------

Either Three written papers and an essay written during the course
or Four written papers

- | | | |
|----|--|-----------|
| 1. | Greek Political Philosophy: The Concept of Justice | Gv4005 |
| 2. | Modern Political Philosophy: Freedom and Equality | Gv4006 |
| 3. | Set Text (candidates will choose one of a list of specified authors) | Gv4010-18 |
| 4. | An essay of not more than 10,000 words, written on an approved topic during the course of study. | |

Candidates may, subject to the approval of their supervisors, substitute for paper 3 above or for the essay any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates for the course under which it is listed.

Dates of Examination

Written papers	September
Essay	15 September

Politics of the World Economy

Duration of Course of Study

Full-time: One academic year. *Part-time:* Two academic years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
---------------------	--------------------	---------------------------

I. Three written papers as follows:

- | | | |
|--------|---|--------|
| 1. | International Political Economy | |
| 2 & 3. | Two of the following chosen with the approval of the candidate's teachers | |
| (a) | Politics of Money in the World Economy | IR4642 |
| (b) | International Business in the International System | IR4641 |
| (c) | The Politics of International Trade | |
| (d) | The Economic Organization of the EEC | Ec2516 |
| (e) | Economic Development | Ec1521 |

and

II. An essay of not more than 10,000 words written on an approved topic during the course of study

Candidates may, subject to the approval of their teachers substitute for one of the papers under 2 and 3 above any other paper which is offered for the M.Sc., LL.M., or M.A.

Dates of Examination

Written papers	June
Essay	June

Regional and Urban Planning Studies

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
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I. Three written papers as follows:

- | | | |
|----|---|--------|
| 1. | The Economics of Regional and Urban Planning | Ec2510 |
| 2. | Administration in Regional and Urban Planning | Gv4164 |
| 3. | Geographical Aspects of Regional and Urban Planning | Gy2860 |

and

- II. *Either* 1. An essay of not more than 10,000 words on an approved topic
or 2. A report of not more than 10,000 words on practical exercises carried out during the course

and

III. Candidates must also satisfy the examiners that they have achieved a sufficient level of attainment in statistics

Dates of Examination

Written papers	June
Essay/report	14 September

Sea-Use Law, Economics and Policy-Making

Duration of Course of Study

Full-time: One calendar year.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
---------------------	--------------------	---------------------------

I. Three written papers as follows:

- | | | |
|--------|--|--------|
| 1. | Marine Science, Resources and Technology | |
| 2 & 3. | Two papers from: | |
| (a) | International Law of the Sea | LL6060 |
| (b) | National and International Problems in Sea-Use Policy-Making | Hy4550 |
| (c) | Economics | Ec2520 |
| (d) | Financial Reporting and Management | Ac2150 |

and

II. An essay of not more than 10,000 words on an approved topic.

Dates of Examination

Written papers	June
Essay	September

All students on this course will be required to spend two weeks at the University Marine Biology Research Laboratory.

Social Administration and Social Work Studies

1. Social Policy and Planning

Duration of Course of Study

Full-time: One academic year. *Part-time:* Two academic years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
I. Three written papers as follows:		
1. (a) Social Planning		SA6631
or (b) Social Policy and Administration		SA6630
2 & 3. Two of the following:		
(a) A paper from 1 not already taken		
(b) Planning of Health Services		SA6640
(c) Income Maintenance and Social Security Policies		SA6641
(d) Planning of Personal Social Services		SA6642
(e) Housing and Urban Planning		SA6643
(f) Education Policies and Administration		SA6644
(g) Sociology of Deviant Behaviour		So6881
(h) (With the consent of the candidate's teachers) a paper from any other M.Sc. course in the Faculty of Economics		

and

- II. A report of not more than 10,000 words on a topic approved by the candidate's teachers

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	20 June

2. Social Work Studies

Additional Entry Qualifications

Field work experience in a social work agency; candidates must also satisfy the selectors as to their personal suitability for social work.

Duration of Course of Study

Full-time: One calendar year.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
I. Three written papers as follows:		
1. Social Work Studies		SA6700
2. Social Problems and Social Services		SA6701
3. Mental Health and Mental Disorder		SA6702

and

- II. Assessment of field work based on supervisors' report and an essay dealing with an aspect of this work approved by the candidate's teachers.

In order to be awarded the degree, a candidate must satisfy the examiners in all elements of the examination. A candidate who fails the examination and wishes to re-enter will be required to complete a further period of social work practice as required by the School, unless the examiners determine otherwise.

Dates of Examination

Written papers	June
Essay	1 September

3. Social Policy and Social Work Studies

Duration of Course of Study

Full-time: Two calendar years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
I. Three written papers as follows:		
1. Theories and Practice of Social Work		SA6680
2. Psychology, Human Growth and Behaviour		SA6681
3. Social Policy and Administration		SA6630

and

- II. Assessment of fieldwork based on supervisors' reports and a report of not more than 10,000 words dealing with an aspect of this work approved by the candidate's teachers

In order to be awarded the degree, a candidate must satisfy the examiners in all elements of the examination. A candidate who fails the examination and wishes to re-enter will be required to complete a further period of social work practice as directed by the School, unless the examiners determine otherwise.

Dates of Examination

Written papers	June
Report	1 September

Social Anthropology

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
I. Three written papers as follows:		
1. General Principles of Social and Cultural Anthropology		An2210
2. Political and Economic Institutions		An2211
3. Magic and Religion		An2212

and

- II. An essay of not more than 10,000 words on an approved topic within one of the following fields:
(a) Ethnography of a Region with Special Reference to Selected

Peoples (any region indicated for the B.A. degree in Anthropology examination, or Latin America, or the Mediterranean, may be offered)

- (b) Applied Social Anthropology
- (c) Social Change in Developing Societies
- (d) Social Anthropological Studies of Sectors of Complex Modern Societies
- (e) Anthropological Linguistics
- (f) Primitive Technology
- (g) Primitive Art
- (h) Islamic Societies and Cultures
- (i) Any other topic approved by the candidate's teachers.

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers taken after completion of courses for those papers. The second part will consist of the remaining paper and the essay, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written paper June
Essay 15 September

Social Philosophy

Duration of Course of Study

Full-time: One academic or calendar year, depending on the Scheme of Examination.

Part-time: Two academic or calendar years, depending on the Scheme of Examination.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
I.	Three written papers selected with the approval of the candidate's teachers as follows (Papers (d), (e) and (f) under 3 below are not available to candidates who do not possess a first degree in philosophy or equivalent training in philosophy):	
1.	Social Philosophy	Ph6250
2.	Philosophy of the Social Sciences	Ph6208
3.	One of the following:	
(a)	Logic	Ph6201
(b)	History of the Philosophy of Science	Ph6204
(c)	Metaphysics and Epistemology	Ph6205
(d)	A paper in Social Anthropology	
(e)	An approved paper in Sociology	
(f)	An approved paper from any other course for the M.Sc. in the Faculty of Economics normally taken in June	

and

- II. An essay of not more than 10,000 words, normally on a topic falling within the field of papers 1 and 2

Candidates may be permitted to substitute for paper 2 a further paper listed under 3 above. Exceptionally, candidates may be permitted to substitute for the essay a further paper listed under 3 above.

Dates of Examination

Written papers June
Essay 15 September

Social Planning in Developing Countries

Additional Entry Qualification

Several years' practical experience in relevant work.

Duration of Course of Study

Full-time: One calendar year.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
I.	Three written papers as follows:	
1.	Social Policy and Planning in Developing Countries	SA6760
2 & 3.	Two of the following:	
(a)	Planning Health Development	—
(b)	Planning Welfare Services and Social Security	SA6762
(c)	Social and Economic Aspects of Urbanization	SA6763
(d)	Rural Development	SA6764
(e)	Social Implications of Education and Manpower	SA6765
(f)	An approved paper from another branch of M.Sc. study	

and

- II. An essay of not more than 10,000 words on an approved topic

Dates of Examination

Written papers Third week of June
Essay The last Friday in August

Social Psychology

Curriculum

Each student selects three options from those listed below. In addition the curriculum will include Social Psychological Methods of Research, which will consist of three sections: (a) a report on an approved project, (b) research assignments and designs and (c) weekly statistical exercises and a statistics test.

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
I.	Three written papers selected from the following:	
(a)	Child Development and Socialisation	Ps6400
(b)	Language, Thought and Communication	Ps6401

(c) Groups and Group Functioning	Ps6402
(d) Social Psychology of Organisations	Ps6403
(e) Social Psychology of Conflict	Ps6404
(f) Mass Media, Communication and Social Change	Ps6410
(g) The Psychological Study of Social Issues	Ps6405
(h) Person Perception	Ps6406
(i) Psychodynamic Models	Ps6407
(j) Selected Issues in Social Psychology	Ps6408
(k) Inter-Personal Behaviour	Ps6409
(l) Decision Making and Decision Analysis	Ps6412
(m) Psychological Aspects of Legal Processes	Ps6411
(n) Collective Psychologies and Sociological Forms of Psychology	Ps6413
(o) With the consent of the candidate's teachers, a paper from any other M.Sc. course in the Faculty of Economics	

and

II. A report of not more than 8,000 words on a project approved by the candidate's teachers.

and

III. Assessment of course work in the form of research assignments and designs, weekly statistical exercises and a statistics test and an approved programme of essays written during the course.

Students following a part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of *either* (a) two written papers *or* (b) one written paper and the report and assessment of those parts of the course already completed, *or* (c) one written paper and assessment of those parts of the course work already completed. It will be taken after completion of the appropriate courses. The second part will consist of the remaining parts of the examination and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	30 June, or two weeks after the date of the last written paper, whichever is the latest (in the relevant year for students taking the part-time course who are submitting the report in partial fulfilment of the first part of the examination).

Sociology

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I. Three papers as follows:		
1.	Methods of Sociological Study	So6800
2 & 3. Two of the following:		
(a)	Social Structure and Industrial Societies	So6830
(b)	Sociology of Development	So6831
(c)	Sociology of Deviant Behaviour	So6881
(d)	Sociology of Religion	So6880
(e)	Industrial Sociology	Id4221
(f)	Race Relations	So6851
(g)	(i) Theories of Political Sociology or (ii) Political Stability and Change	So6853
(h)	Medical Sociology	So6882
(i)	Sociological Theory	So6961
(j)	Nationalism	So6850
(k)	The Political Sociology of Latin America	So6854

and

II. An essay of not more than 10,000 words on an approved topic

In exceptional circumstances, and subject to the approval of their teachers, candidates may substitute for paper 1 a further paper from 2 and 3 above. A paper from any other course for the M.Sc. in the Faculty of Economics may, with the approval of the teachers concerned, be substituted for one paper taken under 2 and 3. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which the paper is listed.

Students following a part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers. The second part will consist of the remaining paper and the essay, and will be taken in the final year of the course.

Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination, and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Essay	1 September

Sociology and Statistics

Additional Entry Qualifications

A candidate who wishes to take a combination of subjects for which, given the candidate's previous qualifications, one year's work is likely, in view of the teachers concerned, to be inadequate, may be permitted to take the course over two years, the first year of which would be devoted wholly or partly to preliminary courses in appropriate subjects, followed by a qualifying examination before admission to the second year.

Duration of Course of Study

Full-time: One calendar year or two calendar years (see above).

Part-time: Two calendar years (or longer if required — see above)

Examination

- I. Candidates will be examined on courses to the value of three whole units selected with the approval of the candidate's teachers. Unless otherwise specified, all courses in the list below have a value of one whole unit and are examined by means of a three-hour paper. Half-units are examined by means of a two-hour paper.

Paper Number	Paper Title	Study Guide Number
1 & 2. Papers to the value of two whole units selected from the following:		
(a)	Statistical Sources, Packages and Data Analysis (½ unit)	SM8254
(b)	Stochastic Processes (½ unit)	SM8203
(c)	Sampling Theory and Multivariate Methods (½ unit)	SM8255
(d)	Basic Time Series and Forecasting: Robust Methods and Nonparametrics (½ unit)	SM8256
(e)	Multivariate Analysis and Linear Models (½ unit)	SM8257
(f)	Survey and Market Research Methods (½ unit)	SM8261
(g)	Models of Social Processes (½ unit)	SM8213
(h)	Statistical Techniques	SM8258
(i)	In exceptional cases, a course examined by a three-hour paper from another M.Sc. course in the faculty of Economics	
3. One of the following		
(a)	Social Structure of Industrial Societies	So6830
(b)	Sociology of Development	So6831
(c)	Sociology of Deviant Behaviour	So6881
(d)	Sociology of Religion	So6880
(e)	Industrial Sociology	Id4221
(f)	Race Relations	So6851
(g)	(i) Theories and Concepts of Political Sociology or (ii) Political Stability and Change	So6853 So6852
(h)	Sociological Theory	So6961
(i)	Nationalism	So6850

and

- II. A report of not more than 10,000 words on a subject to be approved by the candidate's teachers falling within the range of options in paper 3 but excluding the field chosen for the written paper. The report must demonstrate the candidate's ability to apply quantitative methods to an appropriate field within Sociology.

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of papers to the value of two whole units, taken after completion of courses for those papers. The second part will consist of the remaining paper(s) and the report and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and enter for the second part at the same examination, and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	15 September

Statistics

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

Students are required to be examined on courses to a total of four whole units. All courses detailed below are half-units unless specified to the contrary. The examination for each half-unit will normally be by means of a two-hour unseen written examination paper. For each whole unit the examination will normally be by means of a three-hour unseen written examination. In addition course work may also be assessed.

Paper Number	Paper Title	Study Guide Number
I.		
1.	Statistical Sources, Packages and Data Analysis	SM8254
2.	Stochastic Processes	SM8203
3.	Sampling Theory and Multivariate Methods	SM8255
4.	Basic Time Series and Forecasting; Robust Methods and Nonparametrics	SM8256
II. Courses totalling four half-units from II.1 to II.13		
1.	Multivariate Analysis and Linear Models	SM8257
2.	Time Series	SM8259
3.	Survey and Market Research Methods	SM8261
4.	Models of Social Processes	SM8213
5.	Statistical and Economic Aspects of Educational Planning	SM8214
6.	Advanced Econometrics (whole unit)	Ec2562
7.	Mathematical Programming 1	SM8354
8.	Computer Modelling for Operational Research	SM8349
9.	Demographic Techniques and Analysis (whole unit)	SM8110
10.	Mathematics (by special arrangement only) (whole unit)	
11.	A project on some topic approved by the student's teachers (by special arrangement only) (whole unit)	
12 & 13.	Any other subject(s) approved by the student's teachers	

Not all the courses listed in Part II will necessarily be available every year.

Part-time students will usually take the examination in two parts. The first part will consist of four half-units at least two of which are from I.1 to I.4, and will be taken after the completion of the courses for those papers. The second part will consist of the remaining requirements of the examination and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination, and if on that occasion the examination is failed to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	1 June

M.Sc. in the Faculty of Science

Mathematics

Additional Entry Qualifications

A candidate for registration will normally be expected to have obtained a B.Sc. with

First or Second Class honours of the University of London, or an equivalent qualification, with Mathematics (or an appropriate branch of Mathematics) as a main field of study. In certain cases, qualifications in other subjects may be acceptable, for example, a First or Second Class Honours degree in Physics or Astronomy.

Curriculum

1. Candidates are required to follow a number of lecture courses and to work on a project. The project shall be approved by the student's Head of Department on behalf of the University. It need not be connected with any of the courses taken.
2. The combination of courses to be offered by a student for examination must be approved by the University through the student's Head of Department. The courses may not overlap in any important respect and together must form a coherent curriculum.
3. A candidate may enter for the examination only in examinable courses listed in the booklets entitled 'Advanced and Postgraduate Lectures in Pure Mathematics', and 'Advanced and Postgraduate lectures in Applied Mathematics' (a copy of which may be obtained from the Secretary of the Graduate School). The School's contribution is chiefly in the areas of Mathematical Logic and Operational Research.
4. The detailed regulations on the numbers of courses to be taken are available for inspection in the Graduate School Office.

Duration of Course of Study

For a suitably qualified student, not less than one calendar year of full-time study or not less than two years of part-time study. If a qualifying examination is prescribed, the prescribed period of study for the M.Sc. will only commence after the student has satisfied the qualifying conditions. In some cases candidates may be registered for a course of two calendar years of full-time study with a qualifying examination of the standard described above at the end of the first year.

Examination

Each course is examined separately and the examination is normally by a written paper. Candidates are required to submit a report based on their project. The examiners may hold an oral examination.

A student following a part-time course may either (a) on completion of his course enter for the examination or (b) enter on two occasions (at the end of appropriate academic years) for examination on any of the approved courses completed, provided that the total number of courses examined is the same as is required for the whole examination. Under (b) the first examination shall consist of at most 2 course-units, including at least 1/2 course-unit at the postgraduate level.

Dates of Examination

Course examinations: the last week of May and the month of June.
Report: by 10 September.

M.A. in the Faculty of Arts International History

The course will extend over one academic year, or in the case of part-time students over two academic years.

The Examination will consist of three papers and a dissertation.

Examiners may also take into account any seminar papers prepared by a candidate during the course.

Candidates will not be permitted to submit the dissertation unless they have satisfied the examiners in the three written papers.

A knowledge of at least one European language in addition to English is advisable, and for certain courses, will be essential. The requisite language or choice of languages is listed in brackets after every topic under 3.

Paper Number	Paper Title	Study Guide Number
1.	One of the following general periods, including a knowledge of its sources and historiography:	
(a)	1688-1740	Hy4400
(b)	1740-1789	Hy4403
(c)	1789-1815 (not at present available)	Hy4406
(d)	1815-1870	Hy4409
(e)	1870-1914	Hy4412
(f)	1914-1946	Hy4415
2.	Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period under Paper 1:	
(a)	1500-1815	Hy4425
(b)	1815-1919	Hy4428
(c)	1919-1946	Hy4431
3.	A special aspect, to be studied with the appropriate period under Paper 1. Candidates will be expected to show knowledge of set printed sources and relevant monographs and articles:	
(a)	The Anglo-French Entente, 1723-1740 (French)	
(b)	Enlightened Despotism in the Later Eighteenth Century (French or German)	
(c)	The Polish Question in International Relations, 1815-1864 (French, German or Polish)	
(d)	Diplomacy by Conference, 1814-1833 (French)	
(e)	The Mehemet Ali Crises, 1833-1841 (French)	
(f)	Anglo-American Relations, 1815-1872	
(g)	Britain and the Triple Alliance, 1887-1902 (French or German)	
(h)	The Coming of War, 1913-1914 (French or German)	
(i)	The Powers and the West Pacific, 1911-1922 (French)	
(j)	The Peace Settlement of 1919-1921 (French)	
(k)	The Foreign Policy of the Weimar Republic, 1919-1933 (German)	
(l)	The Military Policies of the Great Powers, 1919-1939 (French or German)	
(m)	The Comintern and its Enemies, 1919-1943	
(n)	The Period of 'Appeasement', 1937-1939 (French, German or Italian)	
(o)	The European Settlement, 1944-1946 (French)	
4.	Dissertation, of not more than 10,000 words.	

Dates of Examination	Full-time	Part-time
Written papers	June	June of the final year
Dissertation	By 30 September of the same year	By 30 September of the same year

Area Studies

The School co-operates in the teaching for certain branches of the M.A. Area Studies degree offered by the University of London.

Duration of Course of Study

Full-time: One academic year for candidates offering four written papers. One calendar year for candidates offering three written papers and a dissertation.

Part-time: Two academic years for candidates offering four written papers. Two calendar years for candidates offering three written papers and a dissertation.

Examination

For all programmes other than European Community Studies (1) *either* two papers *or* one paper and a dissertation of 10,000 words on a major subject and (2) *either* two papers on a minor subject *or* one paper in each of two minor subjects. For the Africa and Far East programmes the examination will also include an assessment of course work.

For the programme in European Community Studies: three written papers and a dissertation of 10,000 words.

Candidates registered for the part-time course will be required to pass in all written papers taken in any one year before proceeding.

All candidates who fail the written papers will normally be required to be accepted for and to complete a further course of study before re-entering the examination.

Candidates offering a dissertation will not be permitted to proceed to its submission unless they have satisfied the examiners in the three written papers.

Dates of Examination	Full-time	Part-time
Written papers	June	June of the year in which each major and minor subject has been taken
Dissertation	Before 30 September of the same year	Before 20 September of the final year

LL.M. in the Faculty of Laws

Additional Entry Qualifications

A first degree with a substantial law content.

Duration of Course of Study

Full-time: A period of twelve months commencing in October.

Part-time: A period of twenty-four months commencing in October.

Curriculum

Candidates must offer four of the subjects listed below, or with the leave of the School, three of the subjects listed below and an essay written during the course of study on an approved legal topic.

In place of one of the subjects listed below a candidate may exceptionally be permitted (with the permission of the School) to select a complementary subject of equivalent level examined by means of written papers from any other Master's course in the University. Any subject so selected must be submitted for approval to the

University, normally *early in the first term* of the session in which the candidate is first registered. The examination in the substituted subject will take place at the time specified in the regulations for the course under which that paper is listed.

Examination

Either written papers on each of the four* subjects selected,

or with the leave of the School

1 a written paper on each of the three* subjects selected:

and 2 an essay of not more than 15,000 words on a legal topic approved by the School and notified to the University. The essay must provide evidence of original work or a capacity for critical analysis. The title of the essay must be notified to the University by the last day of February in the year in which the candidate presents himself for examination. The essay must be submitted in duplicate in typescript;

and 3 an oral examination (unless the examiners otherwise determine).

Questions may be set on recent legislation and current proposals for law reform within the scope of the syllabus.

Statutes and other materials may not be brought into the examination room except in accordance with the following regulations:

candidates are permitted to take into the examination

(1) a Queen's Printers copy of any statute which the Board of Examiners for the time being has prescribed

(2) a copy of any other materials which the Board of Examiners for the time being has prescribed.

Personal annotation on statutes and other materials permitted to be taken into the examination is forbidden.

Part-time students may take the examination in two parts; further information is available from the Graduate School Office.

Dates of Examination	Full-time	Part-time
Written	Between 25 August and 15 September	Between 25 August and 15 September
Essay	1 July	1 July of final year

Subjects of Study

Seminars marked with an asterisk in the list below are given by teachers of the School. Those not so marked are given at other Colleges of the University. Students registered at this School must choose at least *two* subjects marked with an asterisk.

Paper Number	Paper Title	Study Guide Number
1.	Jurisprudence and Legal Theory	
2.	Law and Social Theory*	LL6203
3.	Modern Legal History	
4.	Legal History	
5.	Administrative Law	
6.	Public Interest Law*	LL6156
7.	Comparative Constitutional Law I*	LL6150
8.	Comparative Constitutional Law II	
9.	Comparative Constitutional Law III	
10.	The Problems of Civil Litigation*	LL6010

*Except that for paper 1, Jurisprudence and Legal Theory and paper 2, Law and Social Theory, an essay of 8,000 words must be submitted in addition to the formal examination.

11. Company Law*	LL6076
12. Insurance	
13. Marine Insurance*	LL6142
14. Carriage of Goods by Sea*	LL6140
15. Maritime Law*	LL6141
16. Law of Personal Taxation*	LL6101
17. Law of Business Taxation*	LL6100
18. Law of Credit and Security	
21. Industrial and Intellectual Property*	LL6075
22. Law of Management and Labour Relations*	LL6111
23. Individual Employment Law*	LL6110
24. Monopoly, Competition and the Law*	LL6032
<i>(Candidates offering this subject may not offer the special subject (b) Community Law relating to Competition in subject 46, European Community Law, nor subject 47, European Community Competition Law)</i>	
25. Economic Analysis of Law*	LL6030
26. International and Comparative Labour Law	
31. The Law of Property Development	
32. The Law of Charities and Voluntary Organizations*	LL6083
33. The Law of Landlord and Tenant*	LL6084
34. Planning and Environmental Control*	LL6155
35. Law of Estate Planning*	LL6102
36. The Law of Restitution*	LL6085
37. Housing Law: Public Provision and Standards	
41. Comparative Law of Contract in Roman and English Law	
42. Comparative European Law	
<i>(Candidates taking the Soviet Law option for this subject may not take subject 87, Soviet, East European and Mongolian Law)</i>	
43. Comparative Criminal Law and Procedure*	LL6120
44. Comparative Family Law*	LL6018
<i>(Candidates taking this subject may not take Special Subject (h) of 87, Soviet, East European and Mongolian Law. Candidates taking option (4) for this paper - The Law of the Overseas Chinese Communities in Singapore and Hong Kong - may not offer subject 85, Chinese Customary Law)</i>	
45. Comparative Conflict of Laws	
46. European Community Law*	LL6015
<i>(Candidates offering special subject (b) Community Law relating to Competition may not offer subject 24, Monopoly, Competition and the Law, nor subject 47, European Community Competition Law)</i>	
47. European Community Competition Law*	LL6031
<i>(Candidates offering this subject may not offer the special subject (b) Community Law relating to Competition in Subject 46, European Community Law, nor subject 24, Monopoly, Competition and the Law)</i>	
48. Comparative Commercial Law of the Middle East	
51. History of International Law	
52. Methods and Sources of International Law	
53. Comparative Approaches to International Law	
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54. Law of International Institutions*	LL6048
55. Law of European Institutions*	LL6049
56. Air and Space Law I	
57. Air and Space Law II	
58. International Law of the Sea*	LL6060
59. International Economic Law*	LL6054
60. International Law of Armed Conflict and the Use of Force	
61. Legal Aspects of Defence Studies	
62. International Business Transactions*	LL6033
63. International Law of Natural Resources*	LL6057
64. Multinational Enterprises and the Law*	LL6061
65. Legal Aspects of International Finance	
71. Law of Treaties	
72. International Protection of Human Rights*	LL6052
81. African Law	
82. Law of Land and Natural Resources in Africa South of the Sahara*	LL6172
83. Law and Society in South Asia*	LL6173
84. Islamic Law	
85. Chinese Customary Law	
86. Modern Chinese Law	
87. Soviet, East European and Mongolian Law*	LL6176
<i>(Candidates taking Special Subject (h) of this subject may not take subject 44, Comparative Family Law. Candidates taking any part of this subject may not take the Soviet Law option under subject 42, Comparative European Law)</i>	
91. Theoretical Criminology*	LL6121
92. Applied Criminology*	LL6122
93. Sentencing and the Penal Process*	LL6124
94. Juvenile Justice	
95. Child Law	

The Degree of M.Phil.

The degree of Master of Philosophy may be conferred (in the Faculties of Economics, Arts, Laws and Science as appropriate) in every field for which the School offers teaching.

General regulations and qualifications for admission

A graduate who has not obtained at least a Second Class (Upper Division) in an honours degree of this university or its equivalent in another university, will not normally be admitted to the School as a candidate for the M.Phil degree.

Candidates whose initial qualifications in the field of study they wish to pursue are held by the School to be insufficient may be required to follow a course of study and to pass a preliminary examination not less than a year before submission of the dissertation.

The University Regulations specify conditions of registration in certain subjects as follows:

Geography

A candidate must normally have obtained a B.A. or B.Sc. degree of the University of London with first or upper second class honours and Geography as the main field of study, or an M.Sc. degree in Geography of the University of London, or other degree accepted as equivalent to these degrees for this purpose. Other candidates may be accepted for registration, but will normally be required to pass a qualifying examination at which the standard will be at least upper second class honours.

History

A candidate shall be required to have obtained a first or second class honours degree in History from a British university or another degree accepted as equivalent for this purpose. A candidate who does not fulfil this condition may be required to pass a qualifying examination before registration. Such candidates will be required to reach at least lower second class honours standard in each paper taken.

Psychology

A candidate must normally have obtained a B.A. or B.Sc. degree of the University of London with Psychology as a main field of study or other degree accepted by the University as equivalent. Other candidates may be accepted for registration but will normally be required to pass a qualifying examination.

The course of study

Every student is required to pursue a regular course of study at the School under supervision of a Recognised Teacher or Teachers of the University. In most subjects, however, there are forms of collective assessment and review of students' progress including teachers other than the student's own supervisor. Students may be required to attend formal tuition (and to pass examinations) in subjects relevant to their research, and in research methods. Decisions as to whether or not to recommend their transfer to Ph.D. registration may also be a matter for such a collective decision. Students are advised to come to a clear understanding as soon as possible of what is expected of research students in their subject. In cases of difficulty the Dean of the Graduate School should be consulted.

The course of study will extend over not less than two academic years for full and part-time students.

Students registering for the M.Phil. at any time other than the beginning of the academic year will be required to pursue a course of not less than two calendar years.

Thesis or dissertation

In the following fields the thesis or dissertation shall not normally exceed the number of words indicated, but a candidate wishing to exceed the prescribed limit may apply for permission to the University through the supervisor, such application being made at least six months before the presentation of the thesis or dissertation:

Fields in the Faculty of Economics: 55,000.

Geography: 40,000

History: 75,000 (inclusive of footnotes and appendices, other than documentary or statistical appendices, but exclusive of bibliography). This number of words does not apply to editions of a text or texts.

Philosophy: 30,000 (nor be less than 25,000)

Social Administration: 55,000 (inclusive of footnotes and appendices, but exclusive of bibliography).

See also pages 309-312 for notes and rules common to both M.Phil and Ph.D. degrees.

Retrospective transfer to the Ph.D.

If, as a result of the process of assessment and review referred to in 'The course of study' above, it is decided that a student's work is appropriate to registration for the Ph.D. degree, the student may be transferred to registration for the Ph.D. provided that the student's entrance qualifications have been approved for registration for the

Ph.D. degree. The University's permission for transfer may be sought on behalf of those students whose qualifications have not been approved for Ph.D. registration. Where this is permitted, the student may be allowed to count for all or part of the period of registration for the M.Phil. degree, towards registration for the Ph.D. degree.

Leave of absence for research

Leave of absence, under proper conditions, may be permitted if the material for the work of a student registered for the M.Phil. exists elsewhere. A student granted leave of absence must in addition be in attendance at the School during the period of registration for the degree for not less than three terms; neither the first nor the last term of the minimum course can be counted as leave of absence. See also page 310.

M.Phil. in Sociology

Students registered for the M.Phil. in Sociology will normally be required by the Department of Sociology to attend the Research class for M.Phil. students during the first year of their registration. In this course they will be required to present, normally during the Summer Term, a paper of about 2,500 words on the design of their intended research project. This must be of a standard satisfactory to the Sociology Department.

In addition, students may be expected to attend up to two further courses as agreed by their supervisors and the Department during their first year registration. They may be required to attain a standard satisfactory to the Department in either or both of these courses. If a student has an inadequate grounding in methodology, one of these courses may be Design and Analysis of Social Investigation.

M.Phil./Ph.D. in Economics

A structured programme will normally be followed by students for the M.Phil./Ph.D. in Economics. The goal of the programme is to facilitate the transition from M.Sc. work to active research by incorporating an element of directed course work in the first year. In addition to course work, participation in research training is required in the first year of work towards the M.Phil./Ph.D.

The traditional M.Phil./Ph.D. essentially by thesis only is available at the discretion of the Economics Department. Typically this discretion is exercised for students who have gained professional experience and have a well-formulated research programme.

The course work in the first year has four elements, two courses and two seminars. The courses normally are Topics in Economic Analysis and one other course suited to the student's research interests to be agreed individually with the Department. The seminars are one in Research Strategy and one in which research material is presented and discussed. In order to proceed to research in subsequent years students must pass examinations in their two courses and show progress with their research.

The first year examination will consist of *two* papers as follows:

Paper Number	Paper Title	Study Guide Number
1.	Topics in Economic Analysis	Ec2495
2.	Normally a paper from the M.Sc. in Economics to be approved by the Department	

In addition, students will be required to participate in the following:

3. Seminar in Research Strategy
4. A seminar for research students in Economics

Arrangements for examination for the M.Phil. degree

See pages 310-312.

The Degree of Ph.D.

The Ph.D. degree may be conferred (in the Faculties of Economics, Arts, Laws and Science, as appropriate) in every field for which the School offers teaching.

General regulations and qualifications for admission

A graduate who has not obtained at least a Second Class (Upper Division) in an honours degree of this university, or the approved equivalent in another university, will not normally be admitted to the School as a candidate for the Ph.D. degree; and a candidate who has not already obtained a Master's degree of this or another university (in a relevant subject) will usually be required to register first for a Master's degree.

University Regulations also specify additional conditions of registration in certain subjects, as follows:

Geography

A candidate who intends to proceed to the Ph.D. degree is normally required to register in the first instance for the M.Phil. degree.

History

A candidate in History shall be required to have obtained a First or Second Class honours degree in History from a British University or another degree accepted as equivalent for this purpose. A candidate who does not fulfil this condition may be required to pass a qualifying examination before registration. Such candidates will be required to reach at least lower Second Class honours standard in each paper taken.

Philosophy

Candidates who do not possess the M.A. or M.Phil. in Philosophy must produce evidence of their competence to undertake research work of the standard required.

Psychology

A candidate must normally have obtained a B.A. or B.Sc. degree of the University of London with Psychology as a main field of study with First or Upper Second Class Honours or other degree accepted by the University as equivalent. Other candidates will normally be required to register for the M.Phil. in the first instance.

Statistics

A candidate who does not possess an M.Sc. or M.Phil. in Statistics of the University will normally be required to register in the first instance for the M.Phil.

The course of study

Every student is required to pursue a regular course of study at the School under the supervision of a Recognised Teacher or Teachers of the University. In most subjects, however, there are forms of collective assessment and review of students' progress including teachers other than the student's own supervisor. Students may be required to attend formal tuition (and to pass examinations) in subjects relevant to their research, and in research methods. Decisions as to whether or not to recommend their transfer to Ph.D. registration may also be a matter for such a collective decision. Students are advised to come to a clear understanding, as soon as possible of what is expected of research students in their subject. In cases of difficulty the Dean of the Graduate School should be consulted.

The course of study for the Ph.D. degree will extend over not less than two academic years for a full-time student, and not less than three academic years for a part-time student.

Students registering for the Ph.D. at any time other than the beginning of the academic year will be required to pursue a course of not less than two or three calendar years for full- or part-time students respectively.

For details of the course of study for the Ph.D. in Economics see the paragraph "M.Phil./Ph.D. in Economics" on page 307.

Thesis

A Ph.D. thesis must form a distinct contribution to the knowledge of the subject and afford evidence of originality, shown either by the discovery of new facts or by the exercise of independent critical power. It must be written in English and the literary presentation must be satisfactory, and, if not already published in an approved form it must be suitable for publication either as submitted or in an abridged or modified form.

In the following fields the thesis shall not normally exceed the number of words indicated but a candidate wishing to exceed the prescribed limit may apply for permission to the University through the Graduate School Office, such application being made at least six months before the presentation of the thesis:

Anthropology: 100,000, excluding notes, bibliography and appendices.

Economics: 100,000, inclusive of footnotes and appendices, but exclusive of bibliography; this regulation does not apply to editions of a text or texts.

Geography and Philosophy: 75,000

History: 100,000, inclusive of footnotes and appendices, other than documentary or statistical appendices, but exclusive of bibliography.

Social Administration: 100,000 words inclusive of footnotes and appendices, but exclusive of bibliography.

The following notes and rules apply also to a thesis for the M.Phil. (see page 306)

As soon as possible after registration, students should decide with their supervisor(s) the subject of their research and inform the Graduate School Office. Subsequent changes of the field of research should also be reported to the Graduate School Office since, if they are substantial or have been made long after registration, they may need the consent of the Graduate School Committee. The final thesis title must be approved by the Committee, on the recommendation of the supervisor(s) (see page 310).

The greater portion of the work submitted in a thesis must have been done after the registration of the student as a candidate for the M.Phil. or the Ph.D. degree.

The thesis must consist of the candidate's own account of his or her research. It may describe work done in conjunction with his or her supervisor and/or fellow research workers, provided that the candidate clearly states his or her personal share in the investigation, and that this statement is certified by the supervisor.

The candidate must indicate how far the thesis embodies the result of his or her own research or observation, and in what respects his or her investigations appear to him or her to advance the study of the subject. Work already published (including that published in joint names) may be included only if it forms an integral part of the thesis and thereby makes a relevant combination to the main theme of the thesis. A series of publications alone is not acceptable as a thesis.

A candidate will not be permitted to submit a thesis which has been submitted for a degree or comparable award in this or any other university or institution, but a candidate shall not be precluded from incorporating work already submitted for a degree in this or any other university or institution in a thesis covering a wider field, provided that the candidate shall indicate on the entry form and also on the thesis any work which has been so incorporated.

Use of confidential material in theses

As indicated below, access to successful M.Phil. or Ph.D. theses may be restricted, but the University will *not* allow access to be restricted if the reason given is that the thesis contains sensitive or confidential material. To satisfy the criteria for the award of a research degree, theses should be available for teaching and study purposes, and should be based on material that can be checked; the University believes that these should not be based on evidence which cannot be substantiated or tested by other researchers or which is given under conditions which render the thesis inaccessible to other researchers.

Collection of material outside the School

Research students wishing to issue questionnaires or collect unpublished material outside the School must secure their supervisor's approval before doing so; if the School's address is to be used, the text of any communication must be approved by the supervisor before it is sent.

Leave of absence for research

Where a student wishes to take leave of absence from the School in order to carry out research for the thesis the same conditions regarding this leave apply for full-time Ph.D. students elsewhere for the M.Phil. degree (see page 000). A part-time student granted leave of absence of two terms or more must in addition be in attendance at the School for not less than six terms.

Transfer to or from the M.Phil.

Students registered for the Ph.D. who wish to proceed instead to the M.Phil. must apply for permission to do so. The length of further course, if any, which they will be required to pursue for the M.Phil. will be prescribed in each case. On registering for the M.Phil., Ph.D. registration will lapse.

Candidates may be transferred, with retrospective registration, from the M.Phil. to the Ph.D. degree (see under M.Phil. degree).

Examination Arrangements — M.Phil. and Ph.D.

Research degree students are asked to discuss with their supervisor(s) arrangements for the submission of their theses at least a year before their proposed date of submission, so as to avoid administrative difficulties.

Thesis Title and Requirements

The final thesis title should be submitted, with the supervisor's recommendation, to the Graduate School Committee through the Graduate School Office, about nine months before the proposed date of submission.

For the University's Regulations concerning the length of the thesis, see the regulation for each degree (above).

The University's detailed instructions on layout and presentation are issued to candidates with the examination entry form.

Entry for Examination

Examination entry forms are available from the Graduate School office, and should be returned about three or four months before the proposed date of submission. With the entry form, every candidate is required to submit a signed statement authorising the University to make the thesis available for public reference, inter-library loan, photocopying, micro-filming and publication in a list and central file of abstracts; a copy of the full text of this declaration is available from the Graduate School Office. Candidates may apply to the University to retain the sole right to grant access to the thesis for up to five years (but not on the grounds of confidentiality, see "Use of confidential material in theses" above).

Candidates are invited to submit as subsidiary matter in support of their candidature any printed contribution or contributions to the advancement of the subject which they may have published independently or conjointly. If candidates submit such subsidiary matter they will be required to state fully their own share in any conjoint work.

The thesis or dissertation may be submitted on or after the first day of the month following that in which the prescribed course is completed. A candidate who is required to pursue a course extending over a specified number of academic years will be permitted to submit the thesis or dissertation on or after 1 June of the relevant year.

A candidate who will not be ready to submit the thesis or dissertation at the end of

the prescribed course may defer submission of the form of entry up to one calendar year from the completion of the course. A candidate who does not submit the form of entry within one calendar year may apply to the School for permission to enter the examination.

If a candidate has not submitted the thesis or dissertation for examination within eighteen months after submission of the form of entry for the examination the entry will be cancelled.

Every candidate who is unsuccessful at the examination will be required on re-entry to comply with the regulations in force at the time of re-entry.

Candidates are reminded that the decision to submit a dissertation or thesis in any particular form rests with the candidate alone and that the outcome of the examination is determined by two or more examiners acting jointly.

Examination

- (a) For the purpose of the oral, practical or written examination held in connection with a thesis or dissertation, candidates will be required to present themselves at such a place as the University may direct and upon such a day or days as shall be notified.
- (b) After the examiners have read the thesis or dissertation they may, if they think fit, and without further test, determine that the candidate has not satisfied them in the examination.
- (c) Except as provided in paragraphs (b) and (e), the examiners, after reading the thesis or dissertation, shall examine the candidate orally, and at their discretion, by written papers or practical examinations or by both methods, on the subject of the thesis or dissertation, and if they see fit, on subjects relevant thereto.
- (d) If a thesis or dissertation is adequate, but the candidate fails to satisfy the examiners at any practical or written examination, the examiners may determine that the candidate be exempted on re-entry from presentation of a thesis or a dissertation and permitted to submit to a further practical or written examination within a period specified by them not exceeding twelve months for the M.Phil. and eighteen months for the Ph.D. If a thesis or dissertation is adequate, but the candidate fails to satisfy the examiners at the oral examination, the examiners may determine that the candidate be permitted to re-present the same thesis or dissertation, and submit to a further oral examination within a period specified by them not exceeding twelve months for the M.Phil. and eighteen months for the Ph.D.
- (e) If the thesis or dissertation, though inadequate, shall seem of sufficient merit to justify such action, the examiners may determine that the candidate be permitted to re-present the thesis or dissertation in a revised form within twelve months for the M.Phil., or eighteen months for the Ph.D. Examiners shall not, however, make such a decision without submitting the candidate to an oral examination. The examiners may at their discretion exempt from a further oral examination on re-presentation of his thesis or dissertation a candidate who under this regulation has been permitted to re-present it in a revised form.
- (f) The examiners may require the candidate to make within one month specified amendments to their satisfaction of that of one of their number nominated by them.
- (g) If, after completion of the examination including the oral examination or re-examination for the Ph.D., the examiners determine that a candidate has not reached the standard required for the award of the degree nor for the re-presentation of the thesis in a revised form for that degree, they may determine, if they think fit, that the candidate has reached the standard required for the award of the M.Phil. subject to any minor amendments which may be required. Following such a decision of the examiners, the following conditions and procedures will apply:

- (i) The candidate will be informed that he has been unsuccessful at the examination for the Ph.D., but that he has reached the standard required for the award of the M.Phil., and that he may be considered for the award of the M.Phil. if he indicates within two months that he wishes to be so considered.
- (ii) A candidate who indicates that he wishes to be considered for the award of the M.Phil. under this regulation will be not required to submit the thesis or dissertation, as may be required under the regulations for the M.Phil. or to undergo an oral examination thereon, but will be required to fulfil the requirements for the M.Phil. examination in all other respects including the passing, at the next following occasion on which they are held, of any required written papers or other required tests prescribed for the M.Phil. in the relevant field.
- (iii) If additional forms of examination are prescribed, the candidate will be informed that he must satisfy the examiners in such forms of examination, and that if he fails, re-entry will be governed by the regulations for the M.Phil. so far as applicable.
- (iv) A candidate who applies for the award of the M.Phil. under these regulations must make any amendment that may be required by the examiners within a period of one month.
- (v) A candidate who has reached the standard for the award of the M.Phil. who does not indicate that he wishes to be considered for the award of that degree within the period given in (a) above, will be informed that he has failed to satisfy the examiners for the Ph.D. and that he may no longer be considered for the award of the M.Phil.

(h) Subsequent consideration of a candidate's representations regarding the assessment of his submission may be arranged under procedures approved by the Senate of the University.

Notification of results

Every candidate will be notified by the University of the result of his examination after the examiners have reached a decision.

A diploma under the Seal of the University shall subsequently be delivered to each candidate who has been awarded a degree.

N.B. The School reserves the right to ask the University to withhold the award of the degree to a candidate owing fees to the School.

Dates of Examinations

(INTERNAL STUDENTS)
1984-1985

First Degrees

The main period of examination in 1985 for the following School-based degrees will be from Tuesday 28 May to Friday 14 June:

B.Sc. (Econ.) Parts I and II	} by course units
LL.B.	
B.Sc. Degree	
B.A. Degree	

For these degrees, the completion of the Selection of Papers form and later amendments on a Course Change form serve as a provisional examination entry. Candidates will be required to complete a *confirmation* of examination entry in Lent Term. Candidates will have to obtain the signature of their tutor on the Confirmation of Entry form. The tutor will be asked to certify that he is satisfied with the attendance at teaching, the work and progress of the candidate and to approve his/her entry for the examination in each paper.

The detailed examination timetable, setting out the times and places for the examination in each paper, will be published at the beginning of the Summer Term.

For the following University-based degrees, a special examination entry form must be completed:

B.A. History
B.Sc. Social Science and Administration

The closing dates for entry and the examination timetable for papers in these courses will be published by the University.

General Course Examinations

The timetable and examination entry procedures for General Course candidates are in general the same as those given above. However, if a candidate is taking a graduate course and examination, the date of the examination will be determined within the timetable for the relevant graduate course.

Higher Degrees

Students registered in the Graduate School should obtain their entry forms from the Graduate School Office at least one month before the closing date.

N.B. Although every endeavour is made to ensure accuracy in the following dates, students are advised in all cases to consult the University Regulations, which alone are authoritative.

M.Sc.	
Entry closes	1 February 1985 for June examination (including candidates for September branches who have chosen an optional paper which is examined in June) 1 May 1985 for September examination
Examination begins	Either 11 June 1985 or 1 September 1985 according to subject

M.A. Area Studies, History	
Entry closes	1 February 1985
Examination begins	11 June 1985
LL.M.	
Entry closes	1 May 1985
Examination begins	25 August 1985

Errata

The School encountered serious difficulties with the typesetting of the Calendar this year and regrettably a number of misprints remain in the finished work. Obvious and minor errors have been omitted from the following list.

- Page 14 Graduate School Committee, 4.30 p.m. on 16 January
(not on 17 January)
- Page 21 **The Court of Governors**
Add Sir Antony Part, G.C.B., M.B.E., B.A., D.Sc., D.TECH.,
C.B.I.M.
- Page 29 The series *Hartley* to *Hirschheim* should follow *Hart*, not
precede *Foldes*.
- Page 47 **Conveners of Departments for the Session 1984-85**
Delete "(Professor Emrys Jones in Michaelmas Term)"
- Page 49 **Honorary Fellows Committee**
Amend to show
- | | |
|------------------------|--------------------------------------|
| Professor D.R. Diamond | } nominated by the
Academic Board |
| Dr. M. Leifer | |
| Professor I.H. Nish | |
| Professor E.A. Wrigley | |
- Page 258 1.11: amend "page 324" to "page 338"
- Page 493 Should follow page 494, with the pages renumbered
- Page 856 Howson, Dr. C.: delete "SM7216, SM8204"
- Page 861 Sutton, Dr. J.: add "Ec1506, Ec2404, Ec2405, Ec2436."

Course for Bankers 1985

This course is designed for promising young bank executives in their twenties and thirties who are expected to achieve promotion to the higher levels of management. Members of the Course will spend four weeks at the London School of Economics, taking a special programme of lecture courses, banking seminars and visits to financial institutions and markets in the City of London.

The course will provide its members with the opportunity to develop a broader and deeper understanding of banking and the economic and financial environment in which it has to operate. This understanding is increasingly important for those who will move into the higher levels of management.

Provisional Programme

Courses	hours per week
Banking and Money Markets	4
Law of International Banking and Finance	3
Analysis of Financial Decisions	3
Stock Exchange Investment	2
International Financial Institutions	2
Seminars	
Domestic and International Banking	6
Other Financial Topics	3
Group Discussion Meetings	
	3

These meetings provide the opportunity for each participant to make a presentation of his own experience or interests in banking and finance, for discussion by the Group.

Visits to Markets and Institutions

Administrative Arrangements

The next course for Bankers is expected to begin with Registration at the School at 4 p.m. on Tuesday 30 April 1985. Teaching will begin on Wednesday 1 May 1985 and the Course will end on Thursday 30 May 1985.

The Tuition Fee is expected to be £1,100. (Note: this fee does not cover accommodation; participants will need to make these arrangements for themselves. There is a wide range of hotels within easy reach of the School.)

Participants will be awarded a Course Certificate. There is no examination.

Enquiries should be directed to: Roger Alford, Course for Bankers (Room S378), The London School of Economics, Houghton Street, London WC2A 2AE, England. Telephone 01-405 7686. Telex: 24655 BLPES G.

Course in Trade Union Studies

The School offers a one-year course of study for men and women interested in the work of the trade union movement. The course, which provides a training in the social sciences with special reference to the development of trade unionism, is primarily intended for persons taking up responsible work in trade union organisations, though applications for admission from other qualified students will be considered. Applicants must show that they possess the training and experience necessary to profit from the course.

Lectures are available in the main subjects of the syllabus; classes, open only to members of the course, are provided. Opportunities for written work are given and provision is made for tutorial supervision. Subject to approval, students may be admitted to other lectures given at the School which are of interest to them, and to which entry is not limited. In addition, they are full students of the School, and members of the Students' Union and as such entitled to enjoy all the facilities provided by the Union.

The course is open to full-time day students only.

The syllabus of study consists of eight subjects for which lectures and special classes are provided. The subjects are:

- (i) Economics
- (ii) Contemporary Trade Unionism and Industrial Relations
- (iii) British Economic and Social History, with special reference to the Growth of Labour Movements
- (iv) Labour Law
- (v) Political Theory and Organisation
- (vi) Elementary Statistics
- (vii) Business Organisation and Finance
- (viii) Industrial Sociology

There is a regular series of talks and discussions given or opened by prominent leaders and students of Trade Unionism. There is also a number of observation visits to firms and trade union offices.

On the completion of the course the student will receive a certificate from the School describing the major subjects undertaken during the period of study.

Application forms for admission may be obtained from the Department of Industrial Relations.

Full details of the fees payable are given in the Fees section of the *Calendar*.

Members of affiliated trade unions may be eligible for bursaries provided by the Trade Union Congress. In addition the Transport and General Workers Union, the National Graphical Association, the Post Office Engineers Union and the Confederation of Health Service Employees provide a limited number of bursaries to their members gaining admission to the course. Details of these bursaries are available from the organizations concerned.

Regulations as to Honorary Fellows

1. The Honorary Fellows Committee of the Court of Governors shall consist of the Chairman and Vice-Chairman of the Court of Governors, the Director, the Pro-Director, the Vice-Chairman of the Academic Board, and six members appointed by the Court, of whom four shall be appointed on the nomination of the Academic Board.

2. The Court of Governors may, on the recommendation of the Honorary Fellows Committee and with the concurrence of the Academic Board, elect as an Honorary Fellow of the London School of Economics and Political Science any past or present member of the School who has attained distinction in the arts, science or public life and, exceptionally, a person outside this category who has rendered outstanding services to the School and its concerns.

3. No full-time member of the staff of the School shall be elected an Honorary Fellow.

4. Elections may be made annually in the Michaelmas term. The number of persons elected shall not, save for special reasons considered adequate by the Court, exceed six.

5. Suggestions for election to Honorary Fellowships shall be invited annually by the Honorary Fellows Committee in May from:

- (i) each member of the Court of Governors
- (ii) each member of the Academic Board
- (iii) each Honorary Fellow

6. Every suggestion shall be made in writing, shall be signed by the person making it and shall be received by the Secretary not later than 31 May. Unless successful or withdrawn, it shall be regarded as current for three successive years, including the year of nomination, after which it shall lapse; but a fresh suggestion of the same name can be made.

7. The file of names suggested, past and current, shall be open to inspection in confidence by those persons who are to be invited, in accordance with regulation 5, to make suggestions.

8. In each year the Honorary Fellows Committee shall, in the Michaelmas term prior to the first ordinary meeting of the Academic Board, consider the current list of names suggested, and such other names as may be proposed in the course of their deliberations; and the names of persons recommended for election shall be arranged in alphabetical order in the report of the Committee.

9. The report of the Honorary Fellows Committee shall be considered by the Academic Board at their first meeting in the Michaelmas term and shall be transmitted by the Board, with such observations as they may think fit, to the Court of Governors for consideration at their meeting held in the Michaelmas term.

10. After the report of the Honorary Fellows Committee has been considered by the Academic Board, but before its transmission to the Court, the Director shall ask those who are recommended for election to Honorary Fellowships whether they would be willing to accept election. No such enquiry shall be made by those who suggest their names.

The Library

The British Library of Political and Economic Science, which is the main library of the School, was founded by public subscription in 1896, a year later than the School. From the outset it was intended to serve not only as the working library of the School, but also as a national collection.

These interdependent functions have grown together: the School has given the Library wide contacts with the public and academic worlds and a standing which it could not so easily have gained as an independent institution, and the Library has in its turn assisted in attracting research workers to the School.

It is freely open to members of the School and is extensively used by other scholars and researchers. Application by non-members of the School for readers' permits must be made on a special form, which may be obtained from the Librarian.

The scope of the Library is the social sciences in the widest sense of that term. It is particularly rich in economics, in commerce and business administration, in transport, in statistics, in political science and public administration, in international law and in the economic, political, social and international aspects of history. As well as treatises and over 12,600 non-governmental periodicals (of which over 4,300 are received currently), it contains several hundred thousand controversial and other pamphlets and leaflets; rich collections of government publications from nearly all the important countries of the world, including over 14,200 serials (of which nearly 8,500 are received currently); depositary sets of the publications of the United Nations and of its specialised organisations, and of the United States Federal Government; collections which are probably unique of reports of local government authorities, of banks, and of railways; much historical material; and miscellaneous manuscript and printed collections of very varied extent and kind. The total amounts to nearly 830,000 volumes; the whole collection is estimated to contain some 2¼ million separate items, and occupies about 40 kilometres of shelving. In some subjects within its field, the Library is surpassed only by smaller, highly specialised libraries, and in others it is unsurpassed; it is perhaps the largest library in the world devoted exclusively to the social sciences as a whole.

Material acquired before the end of 1979 is recorded in a full author catalogue typed on cards. More recent acquisitions are recorded in a catalogue on microfiches, which may be consulted at a number of locations throughout the library: entries are arranged in three separate sequences, viz. by author and title, alphabetically by subject-heading, and in the order of the Library of Congress classification. The subject catalogue is also published, under the title *A London Bibliography of the Social Sciences*; this is widely used not only as a key to the contents of the Library, but also as a general bibliography of the social sciences. Further particulars of this work, of which 41 volumes have so far been published, may be obtained from the Librarian. A catalogue of a more specialised interest is the *Classified Catalogue of a Collection of Works on Publishing and Bookselling in the British Library of Political and Economic Science*, available at £2.50 a copy (plus postage).

The *Teaching Collection*, situated off the entrance lobby of the Library, contains additional lending copies of the more important books used by undergraduates and graduates taking courses: its stock exceeds 35,000 volumes and there are seats for 102 readers.

The *Shaw Library* (established with the help of a gift from Mrs. George Bernard Shaw) is a lending collection of general literature; it is housed in the Founders' Room on the sixth floor of the Main Building.

A brochure *Guide to the Library* may be obtained free of charge on request from any member of the Library staff.

Rules of the British Library of Political and Economic Science

1. The Library is open for the purpose of study and research to:
 - (i) Members of the London School of Economics and Political Science, as follows:
 - (a) Governors
 - (b) Honorary Fellows
 - (c) Staff
 - (d) Regular students
 - (e) Students accepted by the School for intercollegiate study
 - (f) Occasional students
 - (ii) Persons to whom permits have been issued
 - (iii) Day visitors admitted at the discretion of the Librarian
2. Permits may be issued to:
 - (a) Persons engaged in research which cannot be pursued elsewhere
 - (b) Professors and lectures of any recognised university
 - (c) Persons engaged in any branch of public administration
 - (d) Undergraduates of other universities and colleges (in vacation only)
 - (e) Such other persons as may from time to time be admitted by the Librarian

Applications for Library permits must be made on the prescribed form; they should be addressed to the Librarian, and should be supported either by a member of the staff of the School, or by a letter of recommendation from a person of position. Evidence of Fellowship of the Royal Economic Society or of the Royal Statistical Society, or of membership of the London School of Economics Society or of the British Institute of International and Comparative Law, is accepted in place of a letter of recommendation.

Library permits are not transferable. They are issued upon payment of the prescribed fees, which may, however, be remitted.¹ All fees are non-returnable.

3. All readers are required to show their School registration cards or Library permits or visitors' tickets to Library officials upon request. Admission may be refused to anyone not in possession of such a registration card or permit.

4. The Library is normally open on all working days during hours prescribed from time to time. It is closed on Sundays and on certain other days as prescribed.²

5. Readers must not bring attaché cases, overcoats, hats, umbrellas or other impedimenta into the Library. All such articles can be deposited in the cloakrooms of the School.

6. Readers may take the books they require for purposes of study from any of the open shelves, and may take them to any of the reading areas in the main Library.

7. Readers who have finished with books taken from the open shelves should return them without delay to the returned-book stack in the area from which they have been taken.

8. Books not on the open shelves must be applied for on the prescribed vouchers. Readers must return such books to the Book Counter when done with and claim the corresponding vouchers; they will be held responsible for all books issued to them as long as the vouchers are in the possession of the Library uncancelled. Certain categories of books and papers may be read only in such rooms and during such hours as the Librarian may prescribe.

9. Readers allocated a study room or carrel may keep in it Library materials taken from the open shelves (with the exception of certain categories as listed in the 'Guide to the Library'), providing the issue is recorded at the Loans Counter. They will be responsible for material held by them, and the items must remain accessible to the Library staff.

10. Except as provided below, no book, manuscript, or other property of the Library may be taken out of the Library. All readers as they leave the Library are required to

show to the Library janitor any books, papers, folders, newspapers etc., they may be carrying.

All material borrowed must have been recorded by Library staff for issue, and a date assigned for its return, before it is removed from the Library.

11. Members of the academic staff of the School may have on loan not more than 20 volumes. Loans are for a period not exceeding 75 working days, but material may be recalled at any time.

12. Members of the secretarial, clerical and related staff of the School may have on loan not more than six volumes at a time. Loans are for a period of not more than 20 working days, but material may be recalled at any time.

13. Graduate students of the School (including graduate students accepted by the School for intercollegiate study) who are registered for research degrees may borrow books for use outside the Library, subject to the following conditions:

- (i) During the months of June, July, August and September, graduate students may borrow books only by special authorisation in each case, and on such special conditions as the Librarian shall impose, including, if required, the payment of a deposit.
- (ii) No book borrowed shall be taken out of the United Kingdom, without special permission of the Librarian.
- (iii) Graduate students may not have on loan more than six volumes at one time.
- (iv) Books in the reading rooms, unique and rare books, and other books in particular demand, will be lent only by special permission in each case.
- (v) Loans are for a period not exceeding 75 working days, but material may be recalled at any time.

14. Students of the School may borrow books over the weekend and at other times when the Library is closed subject to the prescribed conditions.

15. Where books are not returned in accordance with the prescribed conditions of loan, fines will be incurred. No person shall borrow any material from the Library if any fine or charge he has incurred has not been paid.

16. Readers handing in vouchers are required to supply all the necessary information in the appropriate spaces. The members of the Library staff are authorised to refuse vouchers giving insufficient detail.

17. A reader vacating his place will be deemed to have left the Library, and his books may be removed and the place occupied by another reader, unless he leaves on the table a note of the time of his return. In that case the place will be reserved for him from the time stated, but this reservation will lapse after fifteen minutes. The place will be available to other readers during the interim.

18. Ink bottles or ink-wells cannot be taken into any of the Library rooms. Fountain pens are permitted. Readers using rare or valuable works, however, may be required to work with pencil.

19. Eating, drinking and smoking are forbidden within the Library.*

20. No reader may enter any part of the Library not open to general readers without special permission.

21. The tracing of maps or illustrations in books is forbidden. No book, manuscript, paper or other property of the Library may be marked by readers. Anyone who damages the property of the Library in any way will be required to pay the cost of repairing or replacing the damaged property, and may be debarred from further use of the Library.

22. The Library is intended solely for study and research, and may not be used for any other purpose whatsoever.

23. Silence should be preserved in the reading areas and on the staircases and landings.

24. Permission to use the Library may be withdrawn by the Director or the Librarian from any reader for breach of the rules in force at the time, or for any other cause that

may appear to the Director or to Librarian to be sufficient. Any member of the School who is aggrieved by the decision of the Librarian to impose such a penalty upon him may appeal to the Chairman of the Library Committee to review the case. The Chairman will nominate two members of the Committee to form with him a panel to review the case. In the case of an appeal by a student one of the members of the panel shall be a student member of the Committee.

¹The fees at present prescribed are £100 for a permit valid for six months, £50 for three months, or £20 for one month or less.
²The hours of opening prescribed at present are from 10 a.m. to 5 p.m. on Saturdays, and from 9.30 a.m. to 9.20 p.m. on other days except from July to mid-September, when the Library closes at 5 p.m. The days of closing prescribed at present are: six days at Christmas, six days at Easter, New Year's Day, May Day, the Spring and Late Summer Bank Holidays, and all Saturdays in July, August and early September and in the Christmas vacation.

*Smoking is, however, permitted in certain specially designated areas.

University Library

Any member of the University, staff or student, may apply to use the University Library (entrance on the fourth floor of the Senate House). An internal student may register to read in the Library and borrow books, by completing an application form (obtainable at the University Library) and showing evidence of University registration, e.g. a College card. Short instructional tours of the Library are arranged for new members, particularly during the first few weeks of the session.

The University Library is a large general library of over one million volumes the main strengths being in the Humanities and Social Sciences; many of the books are loanable. Some 600 reader places are provided, in general reading rooms where there are collections of reference works and bibliographies, and in a range of subject libraries for English, History, geography and geology, British Government publications, paleography, philosophy, psychology, romance studies, United States and Latin American studies, and music. Some 5,300 periodicals are received currently; the Periodicals Room provides a wide selection on display. The Goldsmith's Library houses the collection of early economic literature presented to the University Library by the Goldsmiths' Company in 1903. It has been added to throughout the years and now consists of about 60,000 volumes, mainly works published before 1850.

Self-service coin-operated photocopiers and a microfilm reader-printer are provided in the Library, and the Photographic Section will also supply photocopies in addition to microfilms, slides, enlargements, etc.

Hours of Opening

Term and Easter Vacation

Monday to Thursday: 9.30 a.m. to 9 p.m.

(book-stack service 10 a.m. to 6.30 p.m.)

Friday: 9.30 a.m. to 6.30 p.m.

(book-stack service: 10 a.m. to 6 p.m.)

Saturday: 9.30 a.m. to 5.30 p.m.

(book-stack service: 10 a.m. to 12 noon, 2.30 p.m. to 4.30 p.m.)

Christmas and Summer Vacations

Monday to Friday: 9.30 a.m. to 5.30 p.m.

(book-stack service: 10 a.m. to 5 p.m.)

Saturday: 9.30 a.m. to 5.30 p.m.

(book-stack service: 10 a.m. to 12 noon, 2.30 p.m. to 4.30 p.m.)

The Economists' Bookshop

The Economists' Bookshop, owned jointly by the School and The Economist Newspaper, was established in 1947 to provide a service to the staff, students and Library of the School and, through its mail order trade, to universities and institutions worldwide. The Bookshop's Board of Directors is composed equally of representatives of the School and of The Economist Newspaper. From small beginnings it has grown into a considerable bookselling enterprise, which numbers among its customers nearly all the universities in Great Britain as well as many universities and institutional bodies overseas. In addition to the main premises in Clare Market, with over 16,000 titles held regularly in stock including many pamphlets and a wide range of paperbacks, there is a newly designed and decorated shop selling second-hand books right next door. The Bookshop also operates a mail order centre from premises in Camden Town which supplies universities and institutional customers in the U.K. and some 80 countries overseas. The Company has now expanded its business with the acquisition of the Barbican Business Book Centre at 9 Moorfields, London EC2, and in 1984 with a small shop at the City University.

Publications of the School

From the School's foundation in October 1895, one of its objects has been to assist in the publication of research undertaken at or in connection with the School. Over the years there has been a steady and distinguished flow of papers, books and journals, some issued directly from the School and some issued for the School by selected British and American publishers.

Journals

Three journals are edited and published from the School: *Economica* (founded in 1921), *Population Studies* (1947), and the *British Journal of Industrial Relations* (1963). *The British Journal of Sociology* (1956) is edited in the School and is published for the School by Routledge and Kegan Paul. The *Journal of Transport Economics and Policy* (1967) is published jointly with the University of Bath. *Government and Opposition* and *Millennium* (Journal of International Studies) are edited from and assisted by the School, and are published independently.

Books, Pamphlets and Occasional Papers

Most of the learned publications issued from the School are handled by the Publications Committee. Certain series originate from departments or research groups. Experience shows that no one publisher is willing to handle the whole of the Committee's output, which has been increasing both in quantity and in the range of subjects covered. Thus the Committee's policy is to maintain connections with several academic publishers on a non-exclusive basis.

Books sponsored or initiated by the Publications Committee will normally be produced with a joint imprint of the School and the selected publisher. Any present or former member of the School's staff, or any present or former student, may submit manuscripts or ideas for books to the Publications Committee. Manuscripts may be on any subject within the range of the School's teaching and research activities. They are judged on their merits and not all those submitted are accepted for publication. Authors may sign a separate contract with the publisher, and can then expect a scale of remuneration that should compare with what they might get elsewhere. Occasionally however the School finances the publication of books, published on commission through an appropriate publisher. Such books are often commercially difficult, and it may not always be possible to give authors full commercial rates of royalty.

Anyone interested should get in touch with a member of the Publications Committee, or with the Publications Officer of the School.

In addition to many individual books the following series are issued for or by the School and its departments. In brackets are given the publishers and, where appropriate, the editors at the School.

Monographs on Social Anthropology (Athlone Press, Editor, Dr. J. C. Woodburn)

Reprints of Scarce Works on Political Economy (*Economica* Office, L.S.E.)

Greater London Papers (Greater London Group, L.S.E.)

Occasional Papers on Social Administration (Bedford Square Press, Editor, Mr. M. J. Reddin)

Discussion Papers, International Centre for Economics and Related Disciplines (I.C.E.R.D., L.S.E.)

Centre for Labour Economics Discussion Papers (Centre for Labour Economics, L.S.E.)

Geographical Papers (Geography Department, L.S.E.)

L.S.E. Handbooks in Economic Analysis (Weidenfeld and Nicolson)

Inaugural Lectures (L.S.E.)

Student Health Service

The Student Health Service aims to provide confidential medical care for all students of the School. The Health Service provides facilities for general medical, psychiatric, gynaecological, ophthalmic and first aid treatment.

Three psychotherapists, two of whom are part-time, are available to give advice, psychotherapy and counselling for emotional problems, whether of a personal nature or related to work difficulties.

The Service has a full-time general practitioner, with whom it is possible for students to register, but who nevertheless will see any student on an emergency basis or to give advice, whether they are registered or not. Enquiries about the possibility of registration should be made through the Health Service receptionist.

A gynaecologist attends twice weekly in term time to provide contraceptive advice and counselling and advice on gynaecological problems. An ophthalmic surgeon attends weekly in term time for sight testing. Appointments to see any of the doctors mentioned above should be made with the Health Service receptionist.

The Nursing Sister is available full-time in term time, and for part of the vacations, to advise on medical problems and to provide a first aid and immunisation service. She is also available to give counselling for emotional difficulties.

There is, in addition, a full-time dental service and dental care available under the National Health Service and according to its rates. Appointments may be made with the dental surgeon or through the Health Service receptionist.

A nursery for children between the ages of 2 and 5 is provided by the Student Health Service. There are places for 15 children of students or staff of the School. This nursery is open for 46 weeks of the year including all term time and further details are available on application to the Matron.

STAFF

J. A. Payne, M.B., B.S., D.OBST., R.C.O.G. (LONDON): *Senior Health Service Officer and Psychiatric Adviser*

To be appointed: *Health Service Officer (Physician)*

Camilla Bosanquet, B.A., M.B., B.CHIR. (CAMBRIDGE), M.R.C.S. (ENG.), L.R.C.P. (LONDON), D.C.H. (ENG.), D.P.M., F.R.C. Psych.: *Psychiatric Adviser (Part-time)*

Janet Richards, B.A., D.C.P. (TAVISTOCK): *Senior Clinical Psychologist (Part-time)*

Valerie Little, B.SC.PHYSIOL. (LONDON), M.B., B.S. (LONDON), M.R.C.S. (ENG.), L.R.C.P. (LONDON): *Special Adviser to Women Students (Part-time)*

R. A. Bates, M.B., B.S., D.O.: *Ophthalmic Surgeon (Part-time)*

R. M. Dawson, B.D.S. (NEWCASTLE): *Dental Surgeon*

E. Rosemary Malbon, S.R.N., S.C.M., R.S.C.N.: *Sister-in-Charge*

Judith V. McGowan: *Receptionist/Relief Nurse*

Catherine M. Teakle, N.N.E.B.: *Nursery Matron*

Renee Tilla, N.N.E.B.: *Nursery Officer*

Careers Advisory Service

The Careers Service at L.S.E. provides vocational guidance and assistance to students seeking information on all areas of graduate employment in the U.K. The Service is part of the University of London Careers Advisory Service (U.L.C.A.S.) and maintains a Careers Information Room with staff to help students in their job search. Those who want to discuss their approach to the future, or those who are uncertain about what they could do, can talk to one of the Careers Advisers who are available for appointments throughout the year.

With a reduction in the number of job vacancies for new graduates it has become especially important for people to make realistic assessments of their own capabilities, to use their imagination and initiative when establishing vocational targets and to research the background to organisations in preparation for applications and interviews.

The Service arranges careers seminars and talks usually in the Michaelmas Term, covering a wide range of topics and organises Graduate Recruitment Programmes in the Lent Term each year when many of the larger employers visit U.L.C.A.S. and the L.S.E. Careers Service, to conduct preliminary interviews with student applicants.

Graduates of L.S.E. gain employment across a wide range of occupations requiring people who are well educated, broadly informed and mature in outlook. Employers recruit graduates who are well qualified academically and have an understanding of the contemporary world. They also look for people with the ability to adapt to new environments, who can communicate, exercise judgement, remain flexible in outlook and make decisions. These qualities cannot all be assessed merely from the type or class of degree obtained. The possession of a degree, irrespective of subject, is only the first criterion that interests the majority of employers, though expert or specialist posts clearly demand an appropriate training. Even then, specialist graduates may find that they have to compete eventually with non-graduates who have moved into specialist jobs by chance, because of natural aptitude for a particular type of work or by acquiring specialist training outside university.

The choice of career, then, is wide. Graduates of the School find employment in industrial and commercial management, enter the teaching profession, go on to undertake academic research, find expert posts as economists, lawyers, statisticians, join central and local government, or enter journalism. It would be misleading to catalogue areas of employment any further because we find L.S.E. graduates in every kind of profession and organisation.

Possession of a university degree may considerably shorten a period of professional training. Possession of the LL.B. degree leads to important exemptions from the Bar and Law Society examinations. Those who have taken Accounting and Finance as their special subject in the B.Sc. (Econ.) are given exemption from the Institute of Chartered Accountants' Foundation examination. To become a specialist economist or statistician it is usually necessary to take a Master's degree. The Bachelor's degrees in Sociology and the B.Sc. in Social Science and Administration provide basic qualifications for training in social work.

With regard to the choice of specialist or optional subjects, there is one golden rule to be followed: the subjects that students choose should be those they like and are good at. The syllabuses provided at the School are generally wide and comparatively flexible and, for this reason, students who are not firmly committed to a specific course for professional reasons ought not to allow their choice of courses to be dominated by thought of future careers.

Those who are in doubt about which avenue to follow should consult their tutor and a careers adviser. Students may use the Careers Service any time during their courses and also after graduation.

The Chaplaincy

The Chaplaincy is ecumenical and aims to promote the Christian faith within the School by giving support and encouragement to its Christian community and expressing its service of the whole School community in pastoral care and spiritual direction.

The School has a full-time Anglican Chaplain, The Reverend Stephen Williams. The Reverend Wesley Workman and Father Pat Davies represent the Free Church and Roman Catholic University Chaplaincies. The Chaplaincy has its office in 1 Portsmouth Street and the Chaplains are available to all members of the School staff and student bodies. There is an ever increasing number of people who wish simply to talk about their own particular lives or be prepared for baptism or confirmation.

The School, not really viewed by popular opinion to be a haven of piety, is in fact producing a growing number of men and women who wish to offer themselves for training for the ministry or entry into a religious order. We already have several ordained members of staff and licenced Church workers who also take their place within the extending work of the Chaplaincy. The Chaplains work in concert with the various Religious Societies within the Students' Union and offer a weekly framework of worship and sacramental life.

The Chaplains also coordinate the arrangements for occasions when the whole School wishes to mark some special event for instance the annual Carol Service in the Shaw Library or a memorial service to honour a member of our School who has died. They also work together on regular ecumenical services throughout the year.

The work of the Chaplaincy continues to grow on both individual and group levels.

As has been said, all the Chaplains are here to be used and to provide any help they can. They can be contacted at 1 Portsmouth Street, L.S.E. extension 559 or at the following:

The Reverend Stephen Williams (Anglican) 12 Woburn Square, WC1	637 1975
The Reverend Wesley Workman (Free Church) 333 Essex Road, N1	226 3737
Father Pat Davies (Roman Catholic) 111 Gower Street, WC1	387 6370

Students' Union and Athletic Union

Students' Union

The objects of the Students' Union are to promote welfare, the interests and corporate life of the students of the School and their common interests with the general student community as such, in all matters except those relating to athletics which are the responsibility of the Athletic Union.

The Union runs a coffee bar, a bar and a shop. Its main focus for administration is its offices on the second floor of the East Building.

The Union employs a number of permanent staff. There is a Welfare Officer and a Welfare Assistant. The Welfare Officer works both as an advisor e.g. on welfare rights, immigration and visa concerns and as a counsellor on personal problems. The Welfare Office also links up reading volunteers with visually handicapped students and welcomes such offers and enquiries. The assistant administers an accommodation service and deals with general welfare enquiries. The Union General Meeting, held every Thursday lunch time in the Old Theatre, is the central decision-making organ of the Union. There are three student sabbatical officers (General Secretary, Senior Treasurer and Social Secretary) who, via the Executive Committee, are responsible to the Union General Meeting. The Executive Committee of the Students' Union (10 members) is charged with carrying out decisions made by the Union General Meeting and each member has responsibility for a different aspect of Union affairs, for example, services, Academic affairs, External affairs, welfare, and so on. There are also more than seventy societies which cover a wide range of interests. Full details of Union meetings and elections and of the Committees and Societies are obtainable from the Students' Union Reception Office and are also widely advertised in the School.

The Union also provides a number of useful services in the fields of student and social welfare, entertainment and cultural and extra-mural education. Amongst these are the socials, discos and concerts organised by the Entertainments Committee and Societies. There is a free legal advice centre run by the Law Society every Monday and Thursday lunch time in Room E.295. N.U.S. cards, student rail cards and general information can be obtained from the Union Information Centre, Room E.203.

There is a nursery at the School with places for children between the ages of 6 months and five. Information on nursery places can be obtained from the Welfare Officer, Room E.295. Each half-term the Union pays for a qualified teacher/youth worker to run a holiday play group for school age children within the School. Enquiries about this to the Welfare Office, Room E.295. Enquiries about the Women's Right to Choose Fund (men and women) also to Room E.295.

Since a large number of students at the L.S.E. come from overseas, the Union has a special sub-committee relating to the general welfare of overseas students. Each term the Union administers a hardship fund to help British and overseas self-financing students. Applications for assistance are treated in strictest confidence and should be made to the Welfare Officer of the Union. In addition the Welfare Officer will advise students of funds available within the L.S.E. or outside.

The Students' Union is a member of the National Union of Students and sends delegates to the biannual conference of the N.U.S. Students at the School are also members of the University of London union and are entitled to use all its premises and its services and to participate in its activities.

Through its Publications Committee the Union publishes a *Handbook for Students*, given free to all students and also a newspaper *Beaver* which is published fortnightly during term time. The editorial boards of these publications, are open to all students, whilst the editorial candidates are recommended by the Executive Committee of the Union to a Union Meeting, which appoints the various editors.

Athletic Union

Athletics are the responsibility of the Athletic Union which has the status of a Society within the Students' Union and is a member of the University Athletic Union and Women's Intersarsity Athletics Board. All students are eligible to join the Athletic Union. The subscription charged for membership of each club is £1. A.U. membership is free.

The following clubs are affiliated to the Athletic Union:

Association Football, Athletics, Badminton, Basketball, Cricket, Croquet, Cross-Country, Golf, Hockey, Judo, Karate, Mountaineering, Netball, Parachuting, Riding, Rowing, Rugby Football, Sailing, Skiing, Snooker, Squash, Table Tennis, Tennis, Yoga.

Details about club activities may be obtained from the Athletic Union Office (E.65).

There are two extensive sports grounds totalling some thirty-five acres at New Malden, to which there are frequent trains from Waterloo. There are pitches for Association and Rugby football, hockey and cricket, lawn tennis courts, and running tracks. The pavilions are well appointed and include refectories and bars, a games room and very well equipped dressing room accommodation. Facilities at the School itself include a circuit room which contains a modern poly-gym multi-station weight training unit and a gymnasium suitable for basketball, table tennis, five-a-side football etc.

The Rowing Club rows from the University Boat House, Chiswick; the Squash Club uses the School court; the Table Tennis and Judo Clubs use the School gymnasium; the Cross-Country Club runs on Hampstead Heath and in Richmond Park; the Sailing Club operates at the Welsh Harp, Hendon. The Mountaineering Club meets in England and on the Continent.

There is an annual open day at New Malden, held in June.

Staff and Officers of the Students' Union and Athletic Union

STUDENT OFFICERS

General Secretary of Students' Union—Ed Lucas
Senior Treasurer of Students' Union—Mike Moszynski
Social Secretary of Students' Union—Phil Hague

EXECUTIVE OFFICERS

Academic Affairs—Richard Scott and Rory O'Driscoll
Overseas Students—Shakunt Shah
Women—Fiona Sorotos
Societies—George Elwin
External Affairs/Publicity—Andrea Bartlett
N.U.S.—Simon Ellis
Welfare—Lyn Huggins
Post Graduates—Rajat Kohli
Services—Malcolm Lowe

ATHLETIC UNION OFFICERS

President—Joe Breszczad
General Secretary—Nick Soltresse
Treasurer—Phil Dougall

OFFICE STAFF

Admin. Secretary—Doreen Angus
Welfare Officers—Elana Ehrlich and Felicity Criddle
Welfare Assistant—Phil Wood
Finance Secretary—Samuel Kung
Secretarial Assistant—Carol Billingham
Secretary—Ann Boswell
Finance Assistant—Bob Page

TRADING STAFF

Bar Manager—to be appointed
Bar Assistant Manager—to be appointed
Shop Manageress—Kate Slay
Assistant Shop Manageress—Karen Kelly
Coffee Bar Staff—Miguel Santoro, Walter Barberi and Johnny Orr

Residential Accommodation

Approximately one fifth of the student body is accommodated in the School's own Halls of Residence and Flats. In addition there is a number of University of London Halls of Residence open to students from all its Schools and Colleges, including the L.S.E., while the Accommodation Office of the University of London helps students to find lodgings and flats in the private sector. The School places as many first year undergraduates as possible in its own accommodation, but a good proportion of students from all years are offered places.

Private Lodgings and Flats

Students who wish to find lodgings and flats in the private sector can get help from the Accommodation Office of the University of London, University of London Union, Malet Street, WC1 7HY, which maintains a register of addresses of various types in most districts of London; each student's requirements are carefully considered. New students should make application to the Accommodation Office by June of the year in which they expect to begin their course. In choosing lodgings students should bear in mind that it is possible to take lodgings which provide either bed and breakfast, or bed and breakfast with a regular evening meal in addition. Students whose tastes are likely to lead to their entering very fully into the life of the Union and its societies, or to spending evenings in the Library, will be well advised to seek lodgings of the former type; those who prefer to study in their own rooms may be better suited to the latter type.

School Halls of Residence and Flats

Application for places in School Halls of Residence and Flats should be made to the Assistant Registrar (Admissions) at the School. Applications should be made, if possible, by 30th April for the following October.

Fees in the Halls of Residence and Flats vary according to the facilities provided. Current rates are available on request from the Assistant Registrar (Admissions). All School Halls provide breakfast and dinner every day and lunch as well at weekends. The flats however are self-catering and the fees charged are exclusive of gas and electricity. All flats and study bedrooms in Halls have wash hand basins.

Carr-Saunders Hall and Fitzroy and Maple Street Flats

Fitzroy Street, W1P 5AE.

(Warden: E. A. Kuska, B.A., PH.D.)

(Academic Residents (Flats): S. R. Alpern, A.B., PH.D. and A. Shaked, B.Sc. M.Sc., PH.D.) Carr-Saunders Hall accommodates 157 **men** and **women** students in 131 single and 13 double study bedrooms. Two blocks of flats have been built since the Hall was opened in 1967. One block adjoins the Hall and the other is across the road. They provide accommodation for 200 **men** and **women** students in double to quintuple furnished flats. The whole complex is situated in Fitzroy Street at the corner of Maple Street. It is very close to the Post Office Tower and approximately 25 minutes walk from the School. The nearest Underground stations are Goodge Street on the Northern line and Warren Street on the Northern and Victoria lines.

Socially and administratively, the Hall and Flats are one unit. They have a single common room society and the restaurant, bar, common room and launderette facilities of the Hall are available for the use of flat occupants. Meals in the restaurant are included in the fees paid by the hall occupants, but those residents in the flats may buy tickets for individual meals. There are garage and uncovered parking facilities for which an additional rent is charged.

Passfield Hall

Endsleigh Place, WC1H 0PW

(Warden: M. Perlman, B.B.A., PH.D.)

Passfield Hall accommodates 198 **men** and **women** students in single, double and triple rooms. It is situated in Bloomsbury with several bus routes and Underground stations close by. The Hall is approximately 20 minutes walk from the School. The Hall is in three blocks around its own garden and has all the usual facilities including, bar, games room, common room, launderette, quiet room and limited cooking facilities. All rooms are centrally heated. Parking spaces are also available. Meals are included in the fees.

Rosebery Avenue Hall

Rosebery Avenue, London EC1R 4TY

(Warden: Kurt Klappholz, B.Sc.ECON.)

This hall opened in October 1974 and accommodates 193 **men** and **women** students in 161 single and 16 double study bedrooms. The hall is situated very close to Sadler's Wells Theatre, is 7 minutes walk from the Angel, Islington and approximately 25 minutes walk from the School. The nearest underground stations are the Angel (Northern line) and Farringdon (District, Circle and Metropolitan lines). The hall is also on two bus routes which also pass the School. The hall has all the usual facilities including: bar, common room, launderette and amenity rooms where limited cooking facilities are provided. A catering service is provided but tickets are purchased for individual meals.

Anson Road and Carleton Road

(Academic Resident: Marjorie R. Ferguson, B.Sc., PH.D.)

The School has 18 furnished flatlets at the junction of Anson and Carleton Roads (N.7) which are available for letting to married full-time students of graduate status. Most of the flats are suitable for childless married couples only, but there are a few which could accommodate a couple with a small child. The nearest Underground stations are Tufnell Park (Northern line) and Caledonian Road (Piccadilly line). The flats are self-contained and consist of either one room or two rooms, kitchen and a bathroom. The rental includes a hire charge for furniture.

University Halls of Residence

Only full-time students of the University are eligible for admission. An application form and information may be obtained from any one of the halls (a stamped addressed envelope must be sent with the enquiry), and the completed form should be sent to the hall of first choice by the end of April for admission the following October. There are occasional vacancies in the course of the academic year.

Canterbury Hall

Cartwright Gardens, WC1H 9EE

Opened in November 1946 for 222 **women** students; accommodation is in 214 single and four double study-bedrooms, all with central heating; there are common rooms, a library, concert hall, games room and squash court. Some of the single rooms have private bathrooms for which an extra charge is made. Fees cover breakfast and dinner, Mondays to Fridays, and full board at weekends.

College Hall

Malet Street, WC1E 7HZ

Opened in 1882 and transferred in 1932 to a new building in the University precinct. 220 **women** residents are accommodated in 108 single and 56 double study-bedrooms, all with central heating and hand-basins; there are common rooms, libraries, bar, studio and laundries. Fees cover full board (except lunch from Monday to Friday).

Nutford House

Brown Street, off George Street, W1H 6AH

Near Marble Arch and on direct bus routes to the Strand and Aldwych. Accommodation for women graduates and undergraduates in 148 single and 23 double rooms; full central heating; there are common rooms, a small bar, laundries and study-room. Fees cover breakfast and dinner, Monday to Friday, and full board at weekends.

William Goodenough House

(London House for Overseas Graduates)

Mecklenburgh Square, WC1N 2AN

William Goodenough House accommodates 116 postgraduate **women** students from the British Commonwealth, ex-Commonwealth, the United States of America, and the E.E.C.

All meals are available on a cafeteria system but are not included in the fees. The rooms are single study-bedrooms with central heating and with electric fires on a meter system. There are ample common rooms. In addition there are over 100 self-contained flats for married students.

Applications, addressed to the Warden, should be made well in advance.

Commonwealth Hall

Cartwright Gardens, WC1H 9EB

An intercollegiate hall of residence for 346 **men** and 60 **women** from the United Kingdom and overseas. Accommodation almost entirely in single study-bedrooms. Squash courts, table-tennis room, billiards room, library, common rooms, television rooms, coin-op laundry room. Central heating. Selection is made after consideration of the individual student's needs and his ability to benefit from and contribute to life in a residential community.

Fees include breakfast and dinner during the week, and full board at weekends.

Application forms may be obtained from the Secretary and must be returned by 31 May.

Connaught Hall of Residence

36-45 Tavistock Square, WC1H 9EX

An intercollegiate hall of residence for **men**; 195 places, mainly in single rooms. The fees for the study-bedrooms include breakfast and dinner and also lunch at weekends.

Application forms may be obtained from the Warden, Professor D. M. Lang, and should be returned to him before 31 May.

International Hall

Brunswick Square, WC1N 1AS

International Hall accommodates 438 **men** students. Half the rooms are reserved for students from overseas. There are 10 double rooms and 418 single rooms. Fees include breakfast and dinner from Mondays to Fridays inclusive, and breakfast, lunch and

supper on Saturdays and Sundays.

Application forms may be obtained from the Hall Secretary and should be returned by 31 May.

London House

Mecklenburgh Square, WC1N 2AB

London House has accommodation for 315 postgraduate **men** students from the overseas countries of the Commonwealth, the United Kingdom, former member countries of the British Commonwealth and the United States of America. It is administered by London House for Overseas Graduates.

Meals are available in the dining hall (cafeteria system) but are not included in the fees.

The House is close to three London Transport stations: King's Cross (Metropolitan, Northern, Victoria and District Lines), Russell Square (Piccadilly Line), Chancery Lane (Central Line). It is within easy walking distance of the School.

Application should be made direct to the Warden, London House, giving as much notice as possible.

Hughes Parry Hall

Cartwright Gardens, WC1H 9EF

Hughes Parry Hall, opened in 1969, provides accommodation for 158 **men** and 120 **women** students. There are 246 single rooms and 16 double rooms, together with common rooms, library, games room, two squash courts, laundry and computer terminal.

Fees cover breakfast and dinner, Mondays to Fridays, and full board at weekends.

Application forms may be obtained from the Hall and should be returned by 30 April. (Please state whether man or woman when requesting application forms.)

International Students House

1-6 Park Crescent, W1N 3HE (immediately opposite Gt. Portland St. Tube Station)

International Students House, on the edge of Regent's Park, offers study-bedroom accommodation and Club facilities to **men** and **women** students from the United Kingdom and overseas. There are flats for married students and a very limited number for married students with children. A very full programme is organised; there is an information officer, who will give advice on careers, courses, travel, living in London etc., and a student adviser, who will help with problems on welfare, accommodation and personal matters. Visitors are most welcome.

Fees include bed and breakfast.

Early application is advised. Forms may be obtained from the Warden.

Afsil House

Afsil Limited, a Housing Association formed by a number of London colleges including the School, provides a number of furnished flats for married graduate students. A number of these are reserved for students of the School. In allocating the flats preference is given to students from the British Commonwealth. Most of the flats are suitable for childless married couples only, but there are a few which could accommodate a couple with a small child. Most of the flats, which are self-contained, consist of a living room, bedroom, kitchen and bathroom. Rents include central heating and the hire of furniture but do not include rates. Application forms for the flats are available from the Assistant Registrar (Admissions).

Lillian Penson Hall

Talbot Square, W2 1TT

(Warden: K. G. T. McDonnell, B.Sc. (ECON.), PH.D.)

Telephone: 01-262 2081

Lillian Penson Hall, formerly a large hotel, is an intercollegiate hall of residence for full-time, registered, internal, postgraduate students of the University of London, both men and women and married couples without children.

Each room is centrally heated and has its own bathroom, telephone extension for incoming calls and maid service. Meals can be purchased in the dining room at reasonable prices. Fees cover accommodation only.

Application forms are obtainable from the Warden.

The London School of Economics Society

HONORARY OFFICERS AND COMMITTEE, 1984

President: Mrs. E. Morris

Deputy President: Dr. A. Bohm

Joint Secretaries: Mrs. M. Murdoch and Mrs. M. Najjar

Treasurer: Mr. J. B. Selier

Assistant Treasurer: Mr. C. Coulson-Thomas

Programme Officers: Mrs. B. Asherson and Miss E. Worth

Committee Members: Professor R. Chapman, Mrs. M. Hardiman, Mr. P. Kapadia,

Mrs. K. F. Russell, Mrs. B. R. Scharf

Ex officio: Alumnus Officer, L.S.E.: to be appointed

The Editor, L.S.E. Magazine: to be appointed

The Economics Sports Clubs' representative: Mr. B. Robinson

Representatives of the L.S.E. Society on the Court of Governors: Mrs. B. Asherson, Mr. T. Dale and Mrs. M. Najjar

Membership of the London School of Economics Society is open to all former students who have been registered at the School, and to all members and former members of the staff of the School. Persons not so qualified can be admitted for membership at the discretion of the Committee. Free annual membership for two years is available to former students provided they join within one year of leaving the School.

Members of the Society are granted certain privileges as regards use of the British Library of Political and Economic Science: subject to certain restrictions, they are entitled to permits to use the Library during vacations, in the evenings and in some cases during term. The *LSE Magazine*, published twice yearly, is issued to all members free of charge, and a variety of events are arranged throughout the year including an Annual Dinner and a Social Science Day.

The life subscription is £20.00 and the annual subscription is £5.00. Application forms and information relating to the Society can be obtained from the Honorary Secretary, c/o the Alumnus Office at the School.

Overseas Alumnus Groups

In addition to the London School of Economics Society there are two major overseas alumnus groups and a number of smaller ones. The object of these groups is to help former students and friends of the School to keep in touch with the School and each other and to engage in local activities, including fund-raising in support of the School's 1980s Fund appeal. Some of the groups are more formally based than others and some of them levy a local subscription. All former students resident in, or visiting, these countries are welcome to contact them.

The American Friends of LSE

The American Friends of LSE have established local Chapters in Boston, Chicago, Colorado, Connecticut, Davis/Sacramento, Downstate Illinois, Los Angeles, New York, Philadelphia, San Francisco, Texas and Washington. New Chapters are formed wherever local interest and membership warrants. All general enquiries should be made to The American Friends of LSE, Suite 104, 1497 Chain Bridge Road, McLean, Virginia 22101. The American Friends welcome applications for financial aid towards their fees from residents of the United States who are applying for admission to a graduate programme at LSE. Enquiries specifically concerning fee awards should be made to AFLSE, Suite 203, 1302 Eighteenth Street N.W., Washington DC 20036, U.S.A.

The Canadian Friends of LSE

The Canadian Friends of LSE, c/o Dr. A. F. Earle, C.D.I.C., P.O. Box 138, 1 First Canadian Place, Toronto, Ontario M5X 1A4, Canada, have Regional Convenors in Calgary, Downsview Ont., Edmonton, Guelph, Halifax, Kingston, Montreal, Ottawa, Regina and Vancouver.

Membership of the American group is by life or annual subscription, with a reduced rate for new alumni. Membership of the Canadian group is by annual subscription. Members receive the *LSE Magazine* and may use the Library.

There are also 'Friends of LSE' groups in Australia, Belgium, Colombia, Cyprus, France, Greece, Hong Kong, Iceland, India, Israel, Italy, Japan, Malaysia, Mauritius, Mexico, Nigeria, Singapore, South Africa (Johannesburg), Spain, Sri Lanka, Switzerland (Geneva) and Venezuela. Information about these and other groups which are developing elsewhere is available from the Alumnus Officer at the School.

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Friends' Amenities Fund of the LSE Society

An Association of Friends of the London School of Economics was formed in July 1957. The principal object of the Association was to raise funds to provide for the School amenities which are important to its daily life, but which it cannot afford, either because of shortages of money or because it would not be appropriate to expend public funds on their acquisition. During its existence the Association made many gifts to the School, some valuable in themselves, such as the three Persian carpets provided for the Founders' Room and others whose usefulness is far in excess of their cost, such as the furniture for the roof gardens. Later gifts included the small organ in the Founders' Room; furniture for the Common Rooms in Halls of Residence; new curtains and furniture for the platform in the Old Theatre; furniture for the Alumnus Room in the Library in the Lionel Robbins Building and a cooled drinking water fountain and seats for the courtyard there, a contribution to the refurbishing of the Vera Anstey Room and plaques identifying portraits of former Directors and eminent former teachers in the Senior Common Room. In March 1983, the Friends decided to transfer its activities to a new trust to be set up by the LSE Society and, as a parting gift, agreed to meet the cost of replacing the seating in the Founders' Room and to provide a small fund from which pictures and prints for Halls of Residence could be purchased.

The necessary legal steps have now been taken to transfer the assets of the Friends to the new Friends' Amenities Fund of the LSE Society. The new Trust Fund will continue the aims of the old Friends. Many subscribers have transferred their support to the Friends' Amenities Fund and any new subscribers are invited to write to the Trustees of the Friends' Amenities Fund of the LSE Society, care of the School.

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Part III: Study Guides

This part of the *Calendar* presents detailed information about the teaching provided in the School. Each teaching department has its own section. Each departmental section contains

- a) a list of lecture and seminar courses offered by the department, cross-referenced to
- b) Study Guides, setting out syllabuses, reading lists, and other essential information about teaching and examinations.

The lecture and seminar lists and the Study Guides are in numeric sequence. Both series have a common departmental prefix (e.g. Ac for Accounting; Ec for Economics), but after the prefix, the series differ.

Lectures and seminars have a three-digit number series. This number, and indeed the list itself, is that used in the Sessional Timetable, published each August, setting out the times, places and beginning dates of the courses in the coming session.

Study Guides for the most part have a four-digit number series: the four-digit number is the examination subject code used in the University's computer systems. Most Study Guides relate to examinable courses identified in the regulations for one or other degree or diploma, and they set out the syllabus, information or prerequisites and the scope on the course, the preliminary reading list, essential cross-references to the lectures, seminars and classes each candidate must attend, and the details of the examination arrangements and methods of assessment.

Some Study Guides have a three-digit number. These Guides relate to a specific lecture or seminar in the lecture and seminar list. They contain the syllabuses and reading lists of courses which are not set out in the Study Guide for any single examinable course. They are typically courses of interest to broad groups of students. Students should carefully consider these courses and attend any which they feel will give them valuable background, even if they do not focus on elements of the syllabus for a specific examination.

Regular students (see definition on page 142) are at liberty to attend any course of lectures except those where a limitation is indicated either in the Study Guide or in the lecture and seminar list (courses marked by an asterisk). On pages 831-851, there is an index of subjects covered in the lectures and seminars given at the School. The index provides a cross-reference to the relevant Study Guide(s). The index is intended to help students identify the courses and the teachers dealing with any of the subjects he or she may be interested in.

The School reserves the right at all times to withdraw or alter particular courses and syllabuses.

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General Courses Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/
Seminar
Number

Study Guide
Number

GC100 The Social Sciences: an Historical Introduction 20/ML
Professor D. G. MacRae

GENERAL COURSES

GC100

The Social Sciences: an Historical Introduction

Teacher Responsible: Professor D. G.

MacRae, Room A454B (Secretary,

Mrs. Jean Ridyard, A451)

Course Recommended for all first year students.

Teaching Arrangements: Twenty lectures, Michaelmas and Lent Terms.

Examination Arrangements: Non-examinable.

Accounting and Finance Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
Ac100	Elements of Accounting and Finance Mr. C. J. Napier, Mrs. J. F. S. Day and Ms. J. Rutterford	40/ML	Ac1000; Ac1001
Ac102	Accounting Information Systems Dr. M. Walker	8/M	Ac1120
Ac104	Management Accounting Professor S. Dev	10/L	Ac1020
Ac105	Elements of Financial Decision Theory Mr. S. P. Lumby	15/M	Ac1020
Ac106	Financial Accounting Mr. C. W. Noke, Professor B. Carsberg and Mr. C. J. Napier	22/MLS	Ac1120
Ac108	History of Accounting Mr. C. J. Napier	10/L	Ac1121
Ac109	Introduction to Auditing Professor P. R. Hinton	10/M	Ac1121
Ac110	Accounting and the Law Mr. C. W. Noke	10/L	Ac1121
Ac111	Stock Exchange Investment Ms. J. Rutterford	10/L	Ac1121
Ac112	Computers and Accountants Dr. M. Walker	10/M	Ac1121
Ac114	Basic Programming for Accounting and Finance Dr. M. Walker	Arranged by the Department	
Ac120	Business Finance for Trade Union Studies Course Mr. J. W. Smith	10/L	
Ac155	Corporate Finance Ms. S.-I. Ung, Mr. S. P. Lumby and Ms. J. Rutterford	20/MLS	Ac2000

Lecture/ Seminar Number

Study Guide Number

Ac156	Advanced Financial Accounting Professor B. Carsberg, Professor H. C. Edey, Professor W. T. Baxter, Mr. C. J. Napier and Mr. C. W. Noke	29/MLS	Ac2001
Ac157	Advanced Management Accounting Professor S. Dev	11/ML	Ac2002; Ac2003
Ac158	Financial Planning and Control in Decentralised Firms	11/LS	Ac2002; Ac2003
Ac159	Financial Statement Analysis Ms. S.-I. Ung and Professor S. Dev	11/ML	Ac2002; Ac2003
Ac161	Financial Management and Reporting for the Multinational Firm Professor B. Carsberg, Ms. J. Rutterford and Mr. Mitchell	11/LS	Ac2002; Ac2003
Ac162	Research Topics in Accounting and Finance Professor B. Carsberg and others	10/MLS	
Ac163	Information Analysis and Financial Reporting Dr. M. Walker	11/ML	Ac2002; Ac2003
Ac170	Financial Reporting and Management Dr. M. Walker and Mrs. J. F. S. Day	15/MLS	Ac2150

ACCOUNTING AND FINANCE

Ac114

Basic Programming for Accounting and Finance

Teacher Responsible: Dr Martin Walker, Room A308 (Secretary, Claudine Chouchan, A385)

Course Intended Primarily for B.Sc. (Econ.) Part I students who intend to specialise in Accounting and Finance at Part II. Diploma in Accounting and Finance. M.Sc. in Accounting and Finance.

Scope: This non-examined course is designed for students who have not studied computing before and who do not plan to take a course provided by the Department of Statistical and Mathematical Sciences at LSE. The aim of the course is to introduce students to the use of microcomputers for dealing with problems of an accountancy or finance nature. B.Sc. (Econ.) Accounting and Finance students who complete the course will have sufficient knowledge to take Ac102 Accounting Information Systems (see Study Guide Ac1120) in their second year.

Syllabus: The main topics covered in the course will be: using the machine as a calculator; typing and saving programs on disc; the main BASIC programming steps; processing of vectors and matrices; how to produce readable output; processing words and sentences; saving data on disc; introduction to procedures; random numbers. **Pre-requisites:** None.

Teaching Arrangements: **BASIC Programming:** A set of self-study notes for students to teach themselves BASIC programming is available from Miss Chouchan (A385) (see Reading List below). Students are advised to commence their study and practice of BASIC as soon as possible, as the microcomputers will be heavily used throughout the Lent Term. **Classes:** Ac114 A weekly 'surgery' will be run by Dr Walker in the the Michaelmas Term and Professor Dev in the Lent Term for students in need of help.

Computing Equipment: Students taking this course will be permitted to use the BBC microcomputers in the Accounting and Finance Computing Room (A376). A booking system is in operation and all students should book times, and make arrangements to collect and return the key, with Miss Chouchan.

Written Work: To test the student's understanding, five exercises are to be attempted. Sample solutions will be provided.

Reading List: M. Walker, *BASIC Programming*

for Accounting and Finance (available only from Room A385).

Examination Arrangements: There is no examination for this course.

Ac120

Business Finance for Trade Union Studies Course

Teacher Responsible: Mr. J. W. Smith
Course Intended Primarily for the Trade Union Studies course.

Teaching Arrangements: Lectures; Ac120, Lent Term.

Ac162

Research Topics in Accounting and Finance

Teachers Responsible: Professor Bryan Carsberg, Room A384 (Secretary, A383) and others.

Course Intended Primarily for M.Sc. and research students.

Teaching Arrangements: Ten meetings (Ac162), Sessional.

Ac1000

Elements of Accounting and Finance

Teacher Responsible: Mr Christopher J. Napier, Room A314 (Secretary, Claudine Chouchan, A385)

Course Intended Primarily for B.Sc. (Econ.) Part II(d).

B.Sc. (Econ.) Part II IV Industry and Trade 6 & 7 (i) 2nd or 3rd year, VII Accounting and Finance 3 (b) 2nd year (if not taken at Part I), XII Computing 4 (f) 2nd or 3rd year, Non-specialist students (approved outside option). B.Sc. (Maths/Stats/Comp/Actuarial Science), (Management Sciences) Course Unit 340/1000 1st year.

Diploma in Accounting and Finance 2 (a) Diploma in Business Studies 1, 2 and 3 (a) (i) Diploma in Economics 2, 3 and 4 (j) Diploma in Management Sciences V (a)

Scope: The aim of the course is to introduce students to the preparation, uses and limitations of accounting information and to the problems of finance and investment.

Syllabus: The course is divided into four modules: (1) Balance sheets, funds statements, income accounts and other accounting statements relating to past events and planned activities: their construction, use and interpretation.

(2) Accounting conventions: their nature, purposes and limitations. Standard accounting

practices. Legal and economic considerations, including elements of taxation.

(3) Nature and risks of finance and investment, with particular reference to stock market investment.

(4) Problems of valuation; management accounting and budgeting.

Pre-Requisites: None.

Teaching Arrangements: Lectures: Ac100
Elements of Accounting and Finance: 40 lectures.

There will be two lectures each week during Michaelmas and Lent Terms. Lecturers are: Mrs J. F. S. Day (Room A315)

Mr C. J. Napier (Room A314)

Ms J. M. Rutterford (Room A307)

Classes: Ac100(a): a total of 21 weekly classes commencing in the second week of Michaelmas Term. For B.Sc. (Econ.) Part I students intending to specialise in Accounting and Finance at Part II, and already attached to the Department of Accounting and Finance, their personal tutor will act as class teacher, Ac100(b) for non-specialists and Ac100(c) for Diploma and M.Sc. students. For non-specialists, class teachers may be members of the School's full-time teaching staff or be part-time teachers.

Written Work: Class exercise sets prepared by the lecturers will be distributed at the beginning of each module. These sets include both numerical and discussion questions.

Students will be expected to prepare answers to all exercises and these will be discussed in class and handed in to class teachers for scrutiny at the end of the class concerned.

Detailed solution notes for each exercise will be given out by class teachers.

Reading List: Students are advised to purchase the following books:

(1) M. W. E. Glautier & B. Underdown, *Accounting Theory and Practice* (2nd edn., Pitman, 1982); and

(2) M. W. E. Glautier, B. Underdown & A. C. Clark, *Basic Accounting Practice* (2nd edn., Pitman, 1980) and

(3) G. Cummings, *Investors' Guide to the Stock Market* (2nd edn., Financial Times, 1981) or

T. G. Goff, *Theory and Practice of Investment* (4th edn., Heinemann, 1982).

Supplementary Reading: This will be specified in the detailed Course Programme and Reading List which will be distributed at the first lecture in each module.

Examination Arrangements: There is a three hour written examination in the Summer Term. The examination paper will consist of ten questions, as follows:

Section A 2 questions;

Section B 4 questions;

Section C 4 questions.

Questions in Section A will be of a computational nature. Questions in Sections B and C will generally include both computational and discussion parts, and may require answers to be presented as essays, reports, or in some other appropriate form.

Candidates are expected to attempt four questions, as follows:

Section A 1 question;

Section B 2 questions;

Section C 1 question.

All questions carry equal marks.

Ac1001

Elements of Accounting and Investment for Actuarial Science

Teacher Responsible: Mr Christopher J. Napier, Room A314 (Secretary, Claudine Chouchan, A385)

Course Intended Primarily for B.Sc. (Maths/Stats/Comp/Actuarial Science) Course Unit 340/1001 1st year.

Scope: The aim of the course is to introduce students to the preparation, uses and limitations of accounting information and to the problems of finance and investment.

Syllabus: The course is divided into four modules: (1) Balance sheets, funds statements, income accounts and other accounting statements relating to past events and planned activities: their construction, use and interpretation.

(2) Accounting conventions: their nature, purposes and limitations. Standard accounting practices. Legal and economic considerations, including elements of taxation.

(3) Nature and risks of finance and investment, with particular reference to stock market investment.

(4) Problems of valuation; management accounting and budgeting.

Pre-Requisites: None.

Teaching Arrangements: Lectures: Ac100

Elements of Accounting and Finance: 40 lectures.

There will be two lectures each week during Michaelmas and Lent Terms. Lecturers are:

Mrs J. F. S. Day (Room A315)

Mr C. J. Napier (Room A314)

Ms J. M. Rutterford (Room A307)

Classes: Ac100(b): a total of 21 weekly classes commencing in the second week of Michaelmas Term.

Ac100(d): five classes in Lent and Summer Terms.

Written Work: Class exercise sets prepared by the lecturers will be distributed at the

beginning of each module. These sets include both numerical and discussion questions. Students will be expected to prepare answers to all exercises and these will be discussed in class and handed in to class teachers for scrutiny at the end of the class concerned. Detailed solution notes for each exercise will be given out by class teachers.

Reading List: Students are advised to purchase the following books:

- (1) M. W. E. Glautier & B. Underdown, *Accounting Theory and Practice* (2nd edn., Pitman, 1982); and
- (2) M. W. E. Glautier, B. Underdown & A. C. Clark, *Basic Accounting Practice* (2nd edn., Pitman, 1980); and
- (3) G. Cummings, *Investors' Guide to the Stock Market* (2nd edn., Financial Times, 1981); or
T. G. Goff, *Theory and Practice of Investment* (4th edn., Heinemann, 1982).

Supplementary Reading: This will be specified in the detailed Course Programme and Reading Lists which will be distributed at the first lecture in each module.

Examination Arrangements: There is a three hour written examination in the Summer Term. The examination paper will consist of ten questions, as follows:

Section A 2 questions;

Section B 4 questions;

Section C 4 questions.

Questions in Section A will be of a computational nature. Questions in Sections B and C will generally include both computational and discussion parts, and may require answers to be presented as essays, reports, or in some other appropriate form. Candidates are expected to attempt four questions, as follows:

Section A 1 question;

Section B 1 question;

Section C 2 questions.

All questions carry equal marks.

Ac1020

Accounting and Finance I

Teacher Responsible: Professor Susan Dev, Room A383 (Secretary, A383)

Course Intended Primarily for B.Sc. (Econ.) Part II, VII Accounting and Finance I (normally 2nd year), Non-specialist students (approved outside option) 2nd or 3rd year. B.Sc. (Maths/Stats/Comp/Actuarial Science), (Management Sciences) Course Unit 340/1020 2nd or 3rd year.

Diploma in Accounting and Finance I

Diploma in Business Studies 1, 2 and 3 (a) (ii)

346 *Accounting and Finance*

Scope: The aim of the course is to introduce students to the theory and practice of short- and long-term financial decision-making and control within the firm. It deals principally with the problems of private sector industry and provides an insight into the relationship between financial management and microeconomics, as well as developing the practical application of some of the mathematical and statistical techniques taught on courses elsewhere in the School.

Syllabus: The syllabi for the two sections of the course are as follows:

Ac104 Management Accounting
Corporate planning. Short-run planning and control in the firm. Budgetary control. Analysis of cost and revenue for pricing, output and other decisions. Presentation of information for management. Organisational and behavioural aspects of planning and control systems.

Ac105 Elements of Financial Decision Theory
The theory of long-run decision-making in the firm. Investment, financing and dividend decisions and their inter-relationships. The valuation of the firm. Problems caused by capital market imperfections. The handling of risk and uncertainty and, especially, the contribution of modern portfolio theory and the capital asset pricing model.

Pre-Requisites: The course is designed for students who have already taken **Elements of Accounting and Finance**, or have completed elsewhere a course of study deemed by **Professor Dev** to be equivalent. (Some Diploma in Accounting and Finance students are required to study these courses in parallel, and they may not have the requisite background; extra tuition will be available in the early stages of the course for those Diploma in Accounting and Finance students who need it.)

Teaching Arrangements: Lectures: Ac104 **Management Accounting (Professor Dev)**. Ten lectures of one hour each in the Lent Term. Ac105 **Elements of Financial Decision Theory (Mr. Lumby)**. Fifteen lectures of one hour each in the Michaelmas Term.

Classes: Ac104(a) for Accounting specialists, Ac104(b) for non-specialists and Ac104(c) for graduate students. Ten weekly classes commencing in the third week of the Lent Term (i.e. the week after Ac105(a) classes end). Students will be in the same class groups as the Ac105(a), (b) and (c).

Ac105(a), (b) and (c) Eleven weekly classes commencing in the second week of the Michaelmas Term (i.e. the week after Ac104(a) classes end).

Accounting and Finance I is taken, *inter alia*,

by all B.Sc. (Econ.) students specialising in Accounting and Finance, almost all of whom will take it in their second year at the School. The personal tutor of these students will normally be their class teacher. The course is compulsory for Diploma in Accounting and Finance students and their personal supervisor will normally be their class teacher. The teachers of some other class groups may be on the School's part-time teaching staff.

Written Work: Students will be expected to produce a piece of written work for each class and to submit this to their class teacher at the end of the class. The work will be set by the lecturer for the course and will normally comprise an exercise requiring the application to a practical problem of the principles covered in the lectures and reading, together with a critical analysis of the underlying assumptions. Students will be required to make presentations of their work and to contribute orally to class discussion which will develop the problems and principles involved in the weekly class exercise. Outline solutions will be provided subsequently for every class exercise.

Reading List: Detailed Course Programmes and Reading Lists will be distributed at the first lecture of Ac104 and Ac105. Essential reading will be taken from the following books:

Ac104: H. C. Edey, *Business Budgets and Accounts* (Hutchinson); J. Arnold & T. Hope, *Accounting for Management Decisions** (Prentice-Hall); J. Arnold *et al.* (Eds.), *Topics in Management Accounting** (Philip Allan); C. T. Horngren, *Introduction to Management Accounting* (Prentice-Hall); C. T. Horngren, *Cost Accounting: a Managerial Emphasis* (Prentice-Hall).

Ac105: S. P. Lumby, *Investment Appraisal and Related Decisions** (2nd edn., Van Nostrand Reinhold).

*These books will be recommended for purchase by students taking the course.
Examination Arrangements: A three-hour formal examination will take place in the Summer Term. The paper consists of eight questions divided equally into two sections, A (covering Ac104) and B (covering Ac105). Candidates are required to answer a total of four questions, at least one from each section.

Ac1120

Accounting and Finance II

Teacher Responsible: Christopher Noke, Room A311 (Secretary, Vivien Hope, A385)

Course Intended Primarily for B.Sc. (Econ.)

Part II, VII Accounting and Finance, 2. Diploma in Accounting and Finance, 2(b). B.Sc. (Econ.) students will normally follow lecture course Ac102 in year 2 and lecture course Ac106 in year 3.

Scope: The purpose of the course is to study the theory and practice of financial reporting by limited companies. Accounting practices are examined in the light of their historical development, legal requirements and economic theories of income, value and capital. The course also reviews and develops the techniques for the collection, control and organisation of financial data covered in the paper Elements of Accounting and Finance.

Syllabus: Ac102 **Accounting Information Systems.** Basic features of the accounting information system. Internal control. Analysis and description of accounting systems. Introduction to computerized systems.

Ac106 **Financial Accounting.** Financial accounting with particular reference to company accounts. Standardisation of practice and inflation accounting. The measurement of income, costs and depreciation. The valuation of assets and firms. Current issues and empirical research in financial accounting.

Pre-Requisites: This course is normally available only to Accounting and Finance specialists all of whom will have the requisite background.

Teaching Arrangements: Ac102: Eight weekly lectures and four classes given in alternate weeks by **Dr Walker** in Michaelmas Term (beginning week 2).

For Diploma in Accounting and Finance: Lent Term.

Ac106: 22 lectures given by **Mr Noke, Professor Carsberg** and **Mr Napier**, Sessional. Ac106(a): Fifteen classes will accompany the Ac106 lecture course and will be held as follows: 8 classes, weekly in Michaelmas Term beginning in week 3; 5 classes, fortnightly, in Lent Term; 2 classes in Summer Term. For third year B.Sc. (Econ.) Accounting and Finance specialists their Ac106(a) teacher will also be their personal tutor.

Written Work: For Ac102, there will be a series of four class exercises.

For Ac106(a), students will be expected to produce written work for each class and to submit this to their class teacher at the end of the class. The work will be set by the lecturers for the course and will normally comprise an exercise requiring the application to a practical problem of the principles covered in the lectures and reading, together with a critical analysis of the underlying assumptions. Students will be required to make presentations of their work and to

contribute orally to class discussion which will develop the problems and principles involved in the weekly class exercise. Outline solutions will be provided subsequently for most class exercises.

Reading List: For Ac102: J. Page & P. Hooper, *Accounting and Information Systems* (Prentice-Hall, 2nd edn., 1982).

For Ac106: W. T. Baxter, *Accounting Values and Inflation* (McGraw-Hill, 1975); W. T. Baxter & S. Davidson, *Studies in Accounting* (ICAEW, 3rd edn., 1977); H. C. Edey & B. S. Yamey (Eds.), *Debits, Credits, Finance and Profits* (Sweet & Maxwell, 1974); HMSO, *Report of the Inflation Accounting Committee*, Cmnd. 6225; ICAEW, *Accounting Standards* (latest edn.); T. A. Lee, *Developments in Financial Reporting* (Philip Allan, 1981); R. H. Macve, *A Conceptual Framework for Financial Accounting and Reporting* (Accounting Standards Committee, 1981); R. H. Parker & G. C. Harcourt (Eds.), *Readings in the Concept and Measurement of Income* (C.U.P., 1969).

Journal articles and readings on current issues and empirical research will be specified on the detailed Course Programme and Reading List given out at the first lecture of Ac106. Books which students may wish to purchase will also be recommended then.

Examination Arrangements: A three-hour formal examination will take place in the Summer Term. Normally candidates are required to answer four questions.

Ac1121

Accounting and Finance III

Teacher Responsible: Christopher Noke, Room A311 (Secretary, Vivien Hope, A385)

Course Intended Primarily for B.Sc. (Econ.) Part II VII Accounting and Finance, 3(a), 3rd year.

Scope: The aim of the course is to enable students to examine in greater depth some of the principles and problems introduced in other Accounting and Finance courses at the School.

Syllabus: Further study of topics selected from the syllabus of Accounting and Finance I and II. Students may select any two of the following topics for detailed study:

Ac108: History of Accounting

A general survey of the historical development of accounting. Topics covered include: the early development of double-entry bookkeeping; accounting literature and practice in the 17th and 18th centuries; the influence of accounting on economic growth;

formalisation of the historic cost convention; the development of corporate financial reporting. Emphasis will be placed on factors influencing present accounting practices in the United Kingdom.

Ac109: Introduction to Auditing

The course is intended to provide those pursuing a broad business career with an understanding of the role of the auditor in modern society. The professional and legal environment of the auditor. Auditing Standards and Guidelines including the concepts of accounting systems, internal control, accounting cycles and verifiability. Concept of the true and fair view including materiality, consistency, substance versus form and international comparisons. Reporting on financial statements. Fraud. Contemporary audit issues. Accounting and auditing trends.

Ac110: Accounting and the Law

The influence of the law on accounting thought and practice, with particular reference to the development of the law relating to financial reporting and capital maintenance since 1844. The cost and benefits of legally required disclosure. Topical legal issues relating to company accounting. Valuation of shares for legal purposes. Additional topics may be selected from the law of trusts and tax law.

Ac111: Stock Exchange Investment

Valuation of fixed interest securities and equities. Application of portfolio theory and the capital asset pricing model. Efficient Markets Hypothesis. Investment strategy and type of investor. International aspects of investment. Students will have the opportunity of making real investment decisions using techniques acquired during the course.

Ac112: Computers and Accountants

This topic is concerned with computer systems as they affect accountants and covers the following areas: systems flowcharts, data files and data bases, systems design, computerised accounting systems.

Teaching Arrangements:

Ac108: Ten one-hour lectures given in the Lent Term by **Mr. Napier**.

Ac108(a): Five one-hour classes given by **Mr. Napier** fortnightly, four in the Lent Term and one in the Summer Term.

Ac109: Ten one-hour lectures given in the Michaelmas Term by **Professor Hinton**.

Ac109(a): Students will be divided into two groups for classes and each group will attend six one-hour classes in the Michaelmas Term and one in the Lent Term. One group will be taken by **Professor Hinton** and the other by **Mr. Napier**.

Ac110: Ten one-hour lectures given by **Mr. Noke** in the Lent Term.

Ac110(a): Five one-hour classes given by **Mr. Noke** fortnightly, four in the Lent Term and one in the Summer Term.

Ac111: Ten one-hour lectures given by **Ms. Rutterford** in the Lent Term.

Ac111(a): Ten one-hour classes given at fortnightly intervals by **Ms. Rutterford** in the Lent and Summer Terms.

Ac112: Ten one-hour lectures in the Lent Term given by **Dr. Walker**.

Ac112(a) Five one-hour classes given by **Dr. Walker** fortnightly in the Michaelmas Term.

Written Work: Ac108: Students will be required to prepare topics for discussion in each class. In addition they will be required to write two essays to be submitted for assessment.

Ac109: As Ac107.

Ac110: As Ac108.

Ac111: Students will be expected to prepare classwork both individually and in groups for presentation in class and for handing-in.

Ac112: Students will be expected to have completed a piece of written work for presentation and discussion at each of the five classes.

Reading List: Detailed Course Programmes and Reading Lists will be distributed at the first lecture for each of the topics. However, the following brief guide is offered:

Ac108 M. Chatfield, *A History of Accounting Thought* (Krieger, 1977); A. C. Littleton & B. S. Yamey (Eds.), *Studies in the History of Accounting* (Arno Press, 1978); T. A. Lee & R. H. Parker (Eds.), *The Evolution of Corporate Financial Reporting* (Nelson, 1979).

Ac109 P. Bird, *Accountability: Standards in Financial Reporting* (Haymarket); M. J. Pratt, *Auditing* (Longman); E. Woolf, *Auditing Today* (Prentice-Hall).

Ac110 No books are recommended for purchase. Reference should be made, *inter alia*, to: T. A. Lee & R. H. Parker (Eds.), *The Evolution of Corporate Financial Reporting* (Nelson); Essay by Edey & Panitpakdi in A. C. Littleton & B. S. Yamey, *Studies in the History of Accounting* (Arno Press); G. J. Benston, *Corporate Financial Disclosure in the U.K. and the U.S.A.* (Saxon House); Hamilton Baines, *Share Valuations* (Heinemann); L. H. Leigh & H. C. Edey, *Companies Act 1981* (Butterworths).

Ac111 The book which most nearly covers the syllabus is: W. Sharpe, *Investments* (Prentice-Hall, 1981, 2nd edn.). This is available in hard back and paper back. Secondhand hard-back copies may be available for sale in A385 at the beginning of the Michaelmas Term.

Ac112 A. D. Chambers, *Computer Auditing* (Pitman); S. Dunn & V. Morgan, *The Apple Personal Computer for Beginners* (Prentice-

Hall); J. R. Page & P. Hooper, *Accounting and Information Systems* (Prentice-Hall).

Examination Arrangements: Students sit a formal three-hour written examination. The paper will be divided into sections one for each of the above topics and each containing either four or five questions.

The instructions are normally as follows:

Candidates must attempt a total of FOUR questions chosen from any TWO sections; questions must *not* be chosen from more than two sections.

Ac2000

Advanced Accounting and Finance I

Teacher Responsible: Stephen Lumby, Room A312 (Secretary, Vivien Hope, A385) for the Michaelmas Term. **Janette Rutterford**, Room A307 (Secretary, Vivien Hope, A385) for the Lent and Summer Terms.

Course Intended Primarily for M.Sc.

Accounting and Finance, I.

Scope: The aim of the course is to enable students to be aware of and understand the latest theoretical and empirical developments in corporate finance, and to examine how they may be applied to actual business problems.

Syllabus: The course examines methods of analysing investment and financing decisions of private sector companies. Topics covered include aspects of capital budgeting, project finance, portfolio theory, the capital asset pricing model, capital structure and dividend decisions, debt financing, options, leasing, mergers, and the effects of taxation and inflation on financial decisions.

Pre-Requisites: This is a compulsory course for the M.Sc. in Accounting and Finance and anyone admitted to the M.Sc. programme has been judged to have the necessary background subject to satisfactory completion of any required preliminary reading. Other students may be admitted to the course if they are familiar with the concepts of regression analysis, linear programming, calculus, matrices and probability theory and are able to apply them.

Teaching Arrangements: Ac155: Twenty lectures, Sessional, given by **Ms. Rutterford**, **Mr. Lumby** and **Ms. Ung**. They will be given on Thursdays from 6-7 p.m.

Ac155(a): Students will be divided into two or three class groups, one of which will meet for 20 weeks on Thursdays from 7-8 p.m. The other groups will meet in the daytime at times to be arranged. Class teachers will be **Ms.**

Rutterford, Mr. Lumby and Ms. Ung. Classes will consist of case studies or seminars. Course work will be handed out at lectures. **Written Work:** Every student will be expected to attempt a worthwhile analysis of each week's case, or paper, and must be prepared to make a personal contribution to the class discussion each week. To this end, students should prepare notes for each class. Some cases will be handed in for marking by each student and will require a full write-up. Further details will be given on the Course Programme and Reading List which will be handed out at the first lecture.

Reading List: Students are advised to purchase one of the following books: Copeland & Weston, *Financial Theory and Corporate Policy* (Addison Wesley, 1979); Brealey & Myers, *Principles of Corporate Finance* (McGraw-Hill, 1981).

Full details of reading will be specified in the Course Programme and Reading List which will be distributed at the first lecture.

Examination Arrangements: There is a three hour formal examination in the Summer Term, based on the full syllabus of **Advanced Accounting and Finance I**. The paper will contain approximately eight questions of which four must be answered.

Ac2001

Advanced Accounting and Finance II

Teacher Responsible: Professor Bryan Carsberg, Room A384 (Secretary, A383)

Course Intended Primarily for M.Sc. Accounting and Finance, 2.

Scope: The aim of the course is to provide a basis for studying, at an advanced level, important modern problems in financial reporting and to achieve a familiarity with the relevant academic literature.

Syllabus: The course involves a study of the usefulness of financial reports to investors and other external users. Emphasis will be given to the development of conceptual foundations, including the objectives of financial reporting, and accounting and economic concepts of capital, income and value. Issues having topical importance in theory and practice will be discussed, including accounting for the effects of changing prices and other issues on which accounting standards have been published.

Pre-Requisites: This is a compulsory course for the M.Sc. in Accounting and Finance and anyone admitted to the M.Sc. programme has

been judged to have the necessary background, subject to satisfactory completion of any required preliminary reading. Other students may be admitted to the course by **Professor Carsberg** if they have a substantial knowledge of financial accounting acquired at undergraduate or equivalent level.

Teaching Arrangements: Ac156: Twenty-nine lectures, Sessional, given by **Professor Carsberg, Professor Baxter, Professor Edey, Mr. Napier and Mr. Noke**. They will take place on Wednesdays from 6-7 p.m. and will be repeated during the day for students who prefer that time.

Ac156(a): Students will be divided into three class groups one of which will meet for 22 weeks from 7-8 p.m. on Wednesdays for the benefit of those part-time students who are unable to come to the School in the daytime. The other groups will meet in the daytime at times to be arranged. Class teachers will be **Professor Carsberg, Mr. Napier and Mr. Noke**. **Written Work:** The lecturers will set one or two assignments – essays and case studies – each week for class discussion. A number of pieces of written work, based on assignments selected by the class teacher, will be collected for assessment but the grades will not count towards the overall course assessment.

Reading List: No one book covers the entire syllabus. A detailed Course Programme and Reading List, giving recommendations week by week, will be handed out at the beginning of the course. Most frequent reference will be made to the following books:

R. H. Parker & G. C. Harcourt (Eds.), *Readings in the Concept and Measurement of Income* (Cambridge); E. S. Hendriksen, *Accounting Theory*, (4th edn., Irwin); W. T. Baxter, *Accounting Values and Inflation* (McGraw-Hill); W. H. Beaver, *Financial Reporting: An Accounting Revolution* (Prentice-Hall).

Examination Arrangements: The entire course assessment will be based on one three-hour formal examination in the latter part of June. Students will be informed during the course about the number of questions on the paper and the number required to be answered.

Ac2002

Ac2003

Advanced Accounting and Finance III

Advanced Accounting and Finance IV

Note: One study guide has been prepared to cover both the above papers because of the inter-relationships between their contents.

Teacher Responsible: Professor Bryan Carsberg, Room A384 (Secretary, A383)

Course Intended Primarily for M.Sc.

Accounting and Finance, 3 and 4 (a) and (b).

Scope: The aim of the courses is to enable students to choose two or four topics in accounting and finance for study at an advanced level. The topics offered by the Department of Accounting and Finance all are important components of a masters degree programme in accounting and finance and all are closely related to the material in the compulsory papers, **Advanced Accounting and Finance I and II**. However, the structure of the course allows for an element of specialisation.

Syllabus: The Department offers several units for these two papers. Each unit has the weight of half a course. Students may select any two units for **Advanced Accounting and Finance III**. They may select a further two units for **Advanced Accounting and Finance IV**. Students may select Paper III without selecting Paper IV. The following units are available:

Ac157: Advanced Management Accounting.

The unit involves a study in depth of a number of problem areas in management accounting. Topics such as the following will be selected for detailed study: decisions on choice of activities, output levels, and pricing; problems created by inflation; forecasting techniques; the design of management information systems; applications of operational research techniques; budgetary control and variance analysis; organisational, behavioural aspects of management accounting systems; accounting for not-for-profit organisations.

Ac158: Financial Planning and Control in Decentralised Firms.

The unit focuses on the special problems of organisational structure, decision making, control and performance evaluation in decentralised firms. Topics dealt with will include transfer pricing, cost allocation and management incentive schemes.

Ac159: Financial Statement Analysis.

The unit is concerned with the application of modern research techniques in accounting and finance to the analysis of financial reports published by limited companies. The emphasis will be on the use of financial information by external decision-takers in a variety of decision contexts, such as in equity and fixed interest security investment decisions, in credit decisions by banks and in financial distress prediction.

Ac160: Financial Management of Public Enterprises. (Not available 1984-85)

The unit deals with the special problems that arise in financial decision-making in publicly owned businesses. It will examine the historical development of public enterprises in the United Kingdom, their investment and pricing decisions, their organisation and financing and their accountability to, and control by, both Government and Parliament.

Ac161: Financial Management and Reporting for the Multinational Firm.

The unit focuses on the special problems that arise as a result of operating in more than one country, including the need to satisfy different, and possibly conflicting, regulations for financial reporting; decisions on investment and financing allied to the management of foreign exchange transactions, and control and evaluation of performance in different environments.

Ac163: Information Analysis and Financial Reporting.

This unit focuses on the role of economics in accounting. In recent years academic accountants have drawn on economic theory in their discussion of accounting alternatives. Also empirical work in accounting has relied heavily on theories of capital asset pricing and the efficient markets hypothesis. The purpose of this unit is to make the important ideas contained in these theories more accessible to students of accounting.

Ac108: History of Accounting.

The unit provides a general survey of the historical development of accounting. Topics covered include: the early development of double-entry bookkeeping; accounting literature and practice in the 17th and 18th centuries; the influence of accounting on economic growth; formalisation of the historic cost convention; the development of corporate financial reporting. Emphasis will be placed on factors influencing present accounting practices in the United Kingdom.

EH144: Modern Business History.

The unit involves a survey of the techniques and problems of business history. It includes a study of several modern histories of British companies.

Pre-Requisites: Anyone admitted to the M.Sc. Programme in Accounting and Finance has been judged to have the necessary background. Other M.Sc. students may be admitted to the units by the lecturers concerned if they have sufficient background acquired at undergraduate or equivalent level.

Teaching Arrangements:

Ac157: Eleven two-hour meetings in the daytime with **Professor Dev**, commencing at the beginning of the Michaelmas Term.

Ac158: Eleven two-hour meetings in the daytime commencing second week of the Lent Term.

Ac159: Eleven two-hour meetings on Mondays from 6-8 p.m. with **Ms Ung** and others commencing at the beginning of the Michaelmas Term.

Ac160: Not available in 1984-85.

Ac160(a): Not available in 1984-85.

Ac161: Eleven two-hour meetings on Mondays from 6-8 p.m. with **Professor Carsberg, Ms. Rutterford** and others, commencing in the second week of the Lent Term.

Ac163: Eleven two-hour meetings in the daytime with **Dr. Walker**, Michaelmas Term.

Ac108: Ten one-hour lectures in the daytime given by **Mr. Napier** in the Lent Term.

Ac108(a): Seven one-hour classes given by **Mr. Napier** in conjunction with Ac108.

EH144: Ten 1½-hour meetings in the daytime in the Michaelmas Term.

Written Work: The lecturers will set some assignments (e.g. essays and case studies) for group discussion for each unit. Some written work, based on assignments selected by the class teachers, will be collected for assessment but the grades given will not count towards the overall course assessment.

Reading List: No one book covers the entire syllabus of any of the units. A detailed Course Programme and Reading List, giving recommendations week by week, will be handed out at the beginning of each unit.

Much of the reading will be of journal articles. Frequent reference will be made to the following books:

Ac157 H. R. Anton, P. A. Firmin & H. D. Grove (Eds.), *Contemporary Issues in Cost and Managerial Accounting* (Houghton Mifflin, 3rd edn.); D. Solomons (Ed.), *Studies in Cost Analysis* (Sweet & Maxwell, 2nd edn.); G. Benston (Ed.), *Contemporary Cost Accounting and Control* (Dickenson, 2nd edn.); R. S. Kaplan, *Advanced Management Accounting* (Prentice-Hall).

Ac158 C. Tomkins, *Financial Planning in Divisionalised Companies* (Haymarket/Prentice-Hall); D. Solomons, *Divisional Performance: Measurement and*

Control (Irwin/Markus Wiener); R. S. Kaplan *Advanced Management Accounting* (Prentice-Hall).

Ac159 G. Foster, *Financial Statement Analysis* (Prentice-Hall).

Ac160 Command 7131, HMSO, *The Nationalised Industries*.

Ac161 F. D. S. Choi & G. G. Mueller, *An Introduction to Multi-national Accounting* (Prentice-Hall); C. W. Nobes & R. H. Parker, *Comparative International Accounting* (Philip Allan).

Ac163 W. Beaver, *Financial Reporting: An Accounting Revolution* (Prentice-Hall); J. Demski, *Information Analysis* (Addison-Wesley).

Ac108 B. S. Yamey, *Essays on the History of Accounting* (Arno Press); T. A. Lee & R. H. Parker, *The Evolution of Corporate Financial Reporting* (Nelson).

EH144 B. Supple (Ed.), *Essays in British Business History* (Oxford); L. Hannah (Ed.), *Management Strategy and Business Development* (Macmillan).

Examination Arrangements: The entire course assessments will be based on formal examinations in the Summer Term. Each unit will be the subject of a separate two-hour examination. Students will be informed, during the courses, about the number of questions on the examination papers and the number required to be answered.

Ac2150

Financial Reporting and Management

Teacher Responsible: Dr. Martin Walker, Room A308 (Secretary, Claudine Chouchan, A385)

Course Intended Primarily for M.Sc. Sea-Use Law, Economics and Policy-making, 2 and 3 (d).

M.Sc. Analysis, Design and Management of Information Systems, 3(e).

M.Sc. Industrial Relations and Personnel Management, 2 and 3(i).

It is also suitable for other M.Sc. students who are not specialising in Accounting and Finance and who have not previously studied Accounting and Finance to a significant extent.

Scope: The course provides an introduction to accounting and financial concepts and techniques.

Syllabus: The course covers basic accounting concepts, company accounts, discounted cash flow analysis, investment appraisal under uncertainty, accounting for inflation, and an

introduction to budgeting and control.

Pre-Requisites: None, but students interested in taking the course are requested to see **Dr. Walker** early in the Michaelmas Term so that advice can be given and introductory reading specified for those who intend to take it.

Written Work: Students are required to attempt several exercises during the year involving the preparation of accounts, solutions to discounted cash flow case studies, together with a small amount of essay work.

Teaching Arrangements: Ac170: The course will comprise 15 meetings of 2½ hours each. These will commence in the penultimate week of the Michaelmas Term. The lecture group will be divided into two seminar groups for classwork purposes. The second group will be taught by **Mrs. Judy Day**.

Reading List: A detailed Course Programme

and Reading List, giving recommendations week by week, will be handed out at the beginning of the course. The following text is indicative of the scope and content of the course and is recommended for purchase: R. J. Briston, *Introduction to Accountancy and Finance* (Macmillan, 1981); D. E. Allen, *Finance a Theoretical Introduction* (Martin Robertson, 1983); G. Whittington, *Inflation Accounting: An Introduction to the Debate* (Cambridge University Press and SSRC, 1983).

Examination Arrangements: The entire course assessment will be based on one three-hour formal examination in the latter part of the June. The paper has two sections: Section 1 consists of five short compulsory questions; Section 2 consists of three questions, two to be attempted.

Anthropology Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
An100	Introduction to Social Anthropology Professor I. M. Lewis	24/MLS	An1200
An101	Race and Culture Dr. A. A. F. Gell	20/ML	An1203
An102	Elementary Ethnography Dr. J. C. Woodburn and Dr. M. E. F. Bloch	20/ML	An1202
An200	Studies of Kinship Dr. D. McKnight and Dr. C. J. Fuller	20/ML	An1220
An201	Political and Economic Institutions Dr. M. J. Sallnow and Dr. J. C. Woodburn	20/ML	An1221; An2211
An300	Magic and Religion Dr. M. E. F. Bloch and Dr. C. J. Fuller	20/ML	An1301; An2212
An302	Advanced Ethnography: Latin American Highlands Dr. M. J. Sallnow	10/M	An1310; An1312
An305	Mediterranean Dr. P. Loizos	10/M	An1310; An1317
An306	India Dr. J. P. Parry	10/L	An1310; An1318
An308	Linguistics and Anthropological Problems Dr. J. Overing	10/L	An1332
An309	Advanced Theory of Social Anthropology: Selected Topics Dr. J. P. Parry and Dr. D. McKnight	20/ML	An1300
An311	Research Methods in Social Anthropology Dr. P. Loizos	10/L	An1333
An400	A Programme of Ethnographic Films Dr. J. C. Woodburn	20/ML	An400
An500	Seminar on Anthropological Theory Professor I. M. Lewis Dr. M. E. F. Bloch Dr. C. J. Fuller	MLS	An500
An501	Field Research Seminar Dr. M. E. F. Bloch	MLS	An501

Lecture/ Seminar Number

Study Guide Number

An502	Teaching Seminar Dr. J. Overing and Dr. M. J. Sallnow	25/MLS	An502
An503	Thesis-Writing Seminar Dr. P. Loizos	MLS	An503

Introduction to Social Anthropology

Teacher Responsible: Professor I. M. Lewis, Room A605 (Secretary, Mrs. Joan Wells, A604, ext. 325)

Course Intended Primarily for: B.A./B.Sc. course unit main fields Social Anthropology first year; Geography, Sociology, Social Psychology. B.Sc. (Econ.) Parts I and II; M.Sc.

Scope: See under Syllabus below.

Syllabus: The origins and scope of social anthropology and its relation to other subjects; its key concepts and problems. Religious belief and ritual; magic and witchcraft; symbolism and myth. The organisation of society; environment, resources and their distribution; marriage, kinship and descent. Power and social order; custom and law; conflict and change.

Pre-Requisites: None.

Teaching Arrangements: Lectures (An100): Twenty-four, Sessional.

Classes (An100a): Twenty-four, Sessional for specialists (An100b): Twenty-two, Sessional for non-specialists.

Written Work: Students taking the course for examination purposes are expected to contribute discussion papers in the classes which will be run in the form of seminars. At least one paper per term is expected. Other written work, linked to the course, will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: B. Malinowski, *Argonauts of the Western Pacific*; E. E. Evans-Pritchard, *The Nuer; Witchcraft, Oracles and Magic among the Azande*; A. Giddens, *Capitalism and Modern Social Theory*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society*; I. M. Lewis, *Social Anthropology in Perspective*; Patricia Jeffery, *Frogs in a Well*; R. Fox, *Kinship and Marriage*; S. Roberts, *Order and Dispute*.

Supplementary Reading List: Will be provided for class work.

Examination Arrangements: There is a 3-hour examination in the Summer Term, with 10 or more questions, 4 of which are to be answered. Classwork assessment forms 20% of the mark.

Elementary Ethnography

Teachers Responsible: Dr. J. Woodburn, Room A611 and Dr. M. Bloch, Room A608 (Departmental Secretaries, A604)

Course Intended Primarily for: B.A./B.Sc. c.u. main field Soc. Anth. 1st year; Geog., Soc. Psych.

Syllabus: I Five societies all of them small-scale and 'exotic' will be examined in order to explore cross-cultural variation in customary practice and ways in which social anthropologists seek to understand and explain it. This half of the course will be closely linked with our ethnographic film series (Course An400) and all students will be expected to attend it.

II The course will look at selected ethnographies from the Andes, India, South East Asia and Madagascar.

Pre-Requisites: 1st year undergraduates — no previous knowledge required.

Teaching Arrangements: Lectures (An102): Twenty, Michaelmas and Lent Terms. Classes (An102a): Twenty, Michaelmas and Lent Terms.

Written Work linked to the course will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: Part I

R. Lee, *The !Kung San: Men, Women and Work in a Foraging Society*; E. E. Evans-Pritchard, *Kinship and Marriage among the Nuer*; M. Young, *The Ethnography of Malinowski*; K. Hieder, *Grand Valley Dani: Peaceful Warriors*; N. Chagnon, *Yanomamo: The Fierce People* (3rd edn.) Additional reading will be specified during the course.

Part II

June Nash, *We eat the Mines and the Mines Eat Us*; Clifford Geertz, *The Religion of Java*; Maurice Bloch, *Placing the Dead*; Jonathan Parry, *Caste and Kinship in Kangra*; plus selected articles on the Laymi of Bolivia by O Harris.

Examination Arrangements: There will be a three-hour examination in the Summer Term, 10 questions, 4 of which are to be answered. Classwork assessment forms 20% of the final mark, and will be largely based on one essay per term. Candidates who do not produce essays by the dates announced during the course, can expect to receive few marks.

Race and Culture

Teacher Responsible: Dr. A. Gell (Department Secretaries, A604)

Course Intended Primarily for: B.A./B.Sc. course unit main fields Anthropology and Geography 1st year.

Scope: The human species and human society in a biological/evolutionary perspective.

Syllabus: Genetic mechanisms of evolution. The primates and the origins of Man. Specialised features of hominid adaptation. Human diversity, Race and intelligence. Sexual differences. Sociobiological theory and the nature/nurture debate. The biology of language.

Teaching Arrangements: An101, 20 lectures, Michaelmas and Lent Terms. (Dr. Gell). An101a, 20 classes, Michaelmas and Lent Terms. (Dr. Gell).

Written Work: Two assessment essays, each of not less than 1500 words, one to be submitted before the start of the Lent Term, one prior to the date of the written examination.

Subjects for assessment essays will be posted during the Michaelmas and Lent Terms but students are free to choose topics of their own in consultation with the lecturer.

Plus one or more short class presentations of selected topics. Class presentations may, if students wish, form the basis of an assessment essay. Other written work, linked to the course will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: B. Campbell, *Human Evolution*; J. Z. Young, *Introduction to the Study of Man*; S. Rosen, *Introduction to the Primates*; G. Lasker, *Physical Anthropology*; D. Pilbeam, *Evolution of Man*; R. Leakey and Lewin, *Origins; People of the Lake*; N. Block and G. Dworkin (Eds.), *The I.Q. Controversy*; M. Rosaldo and L. Lamphere (Eds.), *Women, Culture and Society*; B. Lloyd & J. Archer (Eds.), *Exploring Sex Differences*; R. Dawkins, *The Selfish Gene*; R. Hinde, *The Biological Basis of Human Social Behaviour*; R. Hinde (Ed.), *Non Verbal Communication*; J. Aitchison, *The Articulate Mammal*.

Supplementary reading will be suggested during the course.

Examination Arrangements: One three-hour examination in the Summer Term with 10 questions of which 4 must be answered. Assessment essays will form 20% of the final mark.

Studies of Kinship

Teacher Responsible: Dr. McKnight, Room A613) and Dr. Fuller, Room A601 (Departmental Secretaries, A604)

Course Intended Primarily for: B.A./B.Sc. c.u. main fields Social Anthropology 2nd year, Social Psychology 2nd year, Sociology 2nd year; B.Sc. (Econ.) Part II, M.Sc. and other graduate students.

Scope: See under Syllabus below.

Syllabus: The concept of kinship; procreation beliefs — the concepts of male, female, person; family and kinship in North America and Europe; descent and alliance systems in Aboriginal Australia, Africa and Asia; Women and kinship in India; tactical and strategic 'users' of kinship.

Pre-Requisites: No previous knowledge.

Teaching Arrangements: Lectures (An200): 20 Michaelmas and Lent Terms. Classes (An200a): 20 Michaelmas and Lent Terms.

Written Work: Periodic class papers and term essay. Written work, linked to the course will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: M. Fortes, *Kinship and the Social Order*; J. Kaplan, *The Piaroa*; J. Goody, *The Character of Kinship*; E. R. Leach, *Rethinking Anthropology*; C. Levi-Strauss, *The Elementary Structures of Kinship*; R. Needham (Ed.), *Rethinking Kinship and Marriage*; R. Fox, *Kinship and Marriage*; R. Keating, *Kin Groups and Social Structure*; I. Langham, *The Building of British Social Anthropology*; M. Fortes, *Time and Social Structure and other Essays*; J. Goody, *The Development of the Family and Marriage in Europe*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Societies*; R. Needham, *Structure and Sentiment*; D. Schneider, *American Kinship: a Cultural Account*; C. Fuller, *The Nayars Today*; E. E. Evans-Pritchard, *Kinship and Marriage among the Nuer*; A. Oster, L. Fruzzetti & S. Barnett (Eds.), *Concepts of Person*; J. Parry, *Caste and Kinship in Kangra*; L. Dumont, *Affinity as a Value*; C. MacCormack & M. Strathern (Eds.), *Nature, Culture and Gender*; S. Ortner & M. Whitehead (Eds.), *Sexual Meanings*; U. Sharma, *Women, Work and Property in North-West India*; U. Hannerz, *Soulside*.

Examination Arrangements: There is a three-hour examination in the Summer Term, 10 questions, 4 of which are to be answered. Classwork assessment forms 20% of the mark.

Political and Economic Institutions

Teachers Responsible: Dr. M. Sallnow, Room A615 and Dr. J. Woodburn, Room A611

(Departmental Secretaries, A604)

Course Intended Primarily for B.A./B.Sc. c.u. main fields Social Anthropology 2nd year, Sociology 2nd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Scope: The anthropological analysis of economic and political institutions as revealed in relevant theoretical debates, with reference to selected ethnography.

Syllabus: (i) **Economic Institutions:** The cultural framework of different economic systems and their working; the economic organisation of peasant and primitive production; economic structure and kinship structure; property; trade, gifts, exchange and markets; the transition from subsistence to cash economies; systems of capital accumulation.

(ii) **Political Institutions:** Political organisation and political community, politics and ritual; political competition, conflict and factionalism; equality and inequality; sexual politics.

Pre-Requisites: No previous knowledge required.

Teaching Arrangements: Lectures: An201(i) **Economic Institutions:** 10 lectures Michaelmas Term.

An201(ii) **Political Institutions:** 10 lectures Lent Term.

Classes: An201(i) **Economic Institutions:** 10 classes Michaelmas Term.

An201(ii)a **Political Institutions:** 10 classes Lent Term.

Written Work: Periodic class papers and/or essays. Written work, linked to the course will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: (i) **Economic Institutions** R. Firth (Ed.), *Themes in Economic Anthropology*; E. E. Le Clair & H. K. Schneider (Eds.), *Economic Anthropology*; J. M. Potter, M. Diaz & G. M. Foster, *Peasant Society*; M. Sahlins, *Stone Age Economics*; M. Bloch (Ed.), *Marxist Analyses and Social Anthropology*; G. Dalton (Ed.), *Tribal and Peasant Economies*; S. Gudeman, *The Demise of a Rural Economy*.

(ii) **Political Institutions** G. Balandier, *Political Anthropology*; M. Fortes & E. E. Evans-Pritchard (Eds.), *African Political Systems*; F. Barth, *Political Leadership among Swat Pathans*;

An1221

An2211

E. R. Leach, *Political Systems of Highland Burma*; A. Cohen, *Custom and Politics in Urban Africa*; A. L. Epstein, *Politics in an Urban African Community*.

Supplementary Reading List: To be recommended during the course.

Examination Arrangements: There is a three-hour examination in the Summer Term, 10 questions, 4 of which are to be answered, 2 from Section A and 2 from Section B. Classwork assessment forms 20% of the mark.

An1300

Advanced Theory of Social Anthropology: Selected Topics and History

Teachers Responsible: Dr. J. Parry, Room A609 and Dr. McKnight, Room A613 (Departmental Secretaries, A604)

Course Intended Primarily for B.A./B.Sc. course unit main field Social Anthropology 3rd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Scope: The aim of the course is to train students to look critically at the theoretical implications of anthropological approaches by examining their origins, their strengths and weaknesses.

Syllabus: 1. Types of interpretation and explanation used in social anthropology.
2. Selected themes from the history of Anthropology.

Teaching Arrangements: Lectures (An309): Twenty, Michaelmas and Lent.

Classes (An309a): Twenty, Michaelmas and Lent for B.Sc. course unit main field Social Anthropology 3rd year and B.Sc. (Econ.) Part II.

Written Work: Students will be required to produce two assessment essays. Students will also be expected to prepare two or three short oral papers for the classes. Written work, linked to the course, will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: 1. C. Levi-Strauss, *Structural Anthropology* Vols. I and II; *The Way of the Masks*; B. Wilson (Ed.), *Rationality*; R. A. Manners & D. Kaplan (Eds.), *Theory in Anthropology*; M. Godelier, *Perspectives in Marxist Anthropology*; R. Needham, *Structure and Sentiment*; M. Bloch, *Marxist Analyses and Social Anthropology*; P. Bourdieu, *Outline of a Theory of Practice*; J. Piaget, *Structuralism*; A. R. Radcliffe-Browne,

Structure and Function in Primitive Society; F. Engels, *The Origin of the Family, Private Property and the State*; J. Skorupski, *Symbol and Theory*; M. Bloch, *Marxism and Anthropology*.

2. G. Stocking, *Race, Culture and Evolution*; J. W. Burrow, *Evolution and Society*; H. Maine, *Ancient Law*; E. Evans-Pritchard, *Theories of Primitive Religion*; E. Durkheim, *Elementary Forms of the Religious Life*; E. Durkheim, *Rules of Sociological Method*; R. Bendix, *Max Weber: an Intellectual Portrait*; M. Weber, *The Sociology of Religion*; R. Hertz, *Death and the Right Hand*; L. Levy-Bruhl, *How Natives Think*; I. Langham, *The Building of British Social Anthropology*.

Supplementary Reading List: C. Geertz, *The Interpretation of Culture*; E. R. Leach, *Rethinking Anthropology*; R. Firth, *Essays on Social Organization and Values*; F. Barth, *Models of Social Organization*; Hubert and Mauss, *Sacrifice*; Mauss, *Sociology and Psychology*; E. Durkheim, *The Division of Labour in Society*; E. Durkheim, *Suicide*; M. Weber, *The Protestant Ethic and the Spirit of Capitalism*; M. Weber, *Religion of India*; S. Lukes, *Durkheim*.

Examination Arrangements: There is a 3-hour examination in the Summer Term, approximately 10 questions, 3 of which are to be answered. Classwork assessment forms 20% of the mark and will very largely be based on assessment essays. Candidates who fail to submit assessment essays by the due date, which will be announced during the course, can expect to receive minimal marks.

An1301

An2212

Magic and Religion

Teachers Responsible: Dr. M. Bloch Room A608 and Dr. C. J. Fuller, Room A601 (Departmental Secretaries, A604)

Course Intended Primarily for B.A./B.Sc. c.u. main field Soc. Anth. 3rd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Scope: The anthropological analysis of magic and religion as revealed in relevant theoretical debates, with reference to selected ethnography.

Syllabus: Development of the anthropological study of religion. Ritual and symbolism; witchcraft; ancestor worship; the religious representation of life, death, sex and gender;

religions; Buddhism and spirit cults; Hinduism (the pantheon and devotionalism); Islam (saint cults and reformism); great and little traditions; modern reformism.

Pre-Requisites: According to usual regulations.
Teaching Arrangements: Twenty lectures (An300) Michaelmas and Lent Terms. Twenty classes (An300a), Michaelmas and Lent Terms.

Written Work: Periodic class papers and/or essays. Written work, linked to the course, will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: C. Levi-Strauss, *Totemism: The Savage Mind*; J. Middleton, *Lugbara Religion*; V. Turner, *The Forest of Symbols*; S. Tambiah, *Buddhism and the Spirit Cults in North-East Thailand*; D. Sperber, *Rethinking Symbolism*; M. Bloch & J. Parry, *Death and the Regeneration of Life*; G. Lienhardt, *Divinity and Experience*; C. Geertz, *Negara*; M. Fortes, *Oedipus and Job in W. African Religion*; S. Hugh-Jones, *The Palm and the Pleiades*; R. Gombrich, *Precept and Practice*; M. Spiro, *Burmese Supernaturalism; Buddhism and Society*; M. Singer (Ed.), *Krishna: Myths, Rites and Attitudes*; L. A. Babb, *The Divine Hierarchy*; E. B. Harper (Ed.), *Religion in South Asia*; D. F. Eickelman, *Moroccan Islam*; C. Geertz, *Islam Observed; The Religion of Java*; E. Gellner, *Muslim Society*; M. Gilisenan, *Recognizing Islam*; A. Gell, *Metamorphosis of the Cassowaries: Umeda Society, Language and Ritual*; A. F. Wallace, *The Death and Rebirth of the Seneca*. Further reading will be suggested during the course.

Supplementary Reading List: To be recommended during the course.

Examination Arrangements: There will be a 3-hour examination in the Summer Term with 10 questions, 3 of which are to be answered. Classwork assessment forms 20% of the mark.

An1310

Advanced Ethnography

Course Intended Primarily for B.Sc. (Econ.) Part II; M.Sc.

Candidates must follow the teaching for two of the following half-units:

An1312 **Advanced Ethnography: Latin American Highlands (The Andes)**

An1314 **Advanced Ethnography: Hunters and Gatherers (this course is not being offered in 1984-85)**

An1315 **Advanced Ethnography: Australian Aborigines** (this course is not being offered in 1984-85)

An1317 **Advanced Ethnography: Mediterranean**

An1318 **Advanced Ethnography: India**

Syllabus: See Study Guides: An1312, An1317 and An1318.

Teaching Arrangements: See Study Guides: An1312, An1317 and An1318.

Reading List: See Study Guides: An1312, An1317 and An1318.

Examination Arrangements: Candidates must sit the examination, and provide the course work, for both of the selected half-units, each of which will contribute 50% of the marks.

An1312

Advanced Ethnography: Latin-American Highlands (The Andes)

Teacher Responsible: Dr. M. Sallnow, Room A615 (Departmental Secretaries, A604)

Course Intended Primarily for B.A./B.Sc. c.u. course unit main field Social Anthropology 3rd year.

Scope: The study of past and present social formations in the South American Andes.

Syllabus: The course will draw on archaeological, ethnohistorical, historical and contemporary anthropological and sociological evidence in order to elucidate past and present patterns and processes in Andean society.

Teaching Arrangements: 10 lectures (An302) and 10 classes (An302a) in the Michaelmas Term.

Written Work: Class papers presented during the course. Written work, linked to the course, will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: D. Guillet, *Agrarian Reform and Peasant Economy in Southern Peru*; B. Isbell, *To Defend Ourselves*; E. Lanning, *Peru Before the Incas*; J. Murra, *The Economic Organization of the Inka State*; B. Orlove, *Alpacas, Sheep and Men*; J. Steward (Ed.), *Handbook of South American Indians*, Vol. 2; P. van der Berghe & G. Primov, *Inequality in the Andes*.

Examination Arrangements: There is a two-hour examination in the Summer Term, with 7 questions, 2 of which are to be answered. Classwork assessment forms 20% of the mark

and candidates who do not submit their written work by the due date will get few marks.

An1317

Advanced Ethnography: Mediterranean

Teacher Responsible: Dr. P. Loizos, Room A614 (Departmental Secretaries, A604)

Course Intended Primarily for B.A./B.Sc. c.u. main field Social Anthropology 3rd year.

Scope and Syllabus: Through a discussion of selected texts, issues of culture and social structure will be explored in a number of societies. Particular attention will be paid to the use of history, to capitalist transformation, to gender relations, with particular attention to the division of labour and of religious representation; to the notion of honour; to local violence and its relation to state formation; to patronage and clientelism. Both Christian and Muslim societies will be considered.

Teaching Arrangements: 10 lectures (An305) and 10 classes (An305a) in the Michaelmas Term.

Written Work: Class papers presented during the course. Written work, linked to the course, will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: J. Davis, *People of the Mediterranean*; C. Lison-Tolosana, *Belmonte de Los Caballeros: a Sociological Study of a Spanish Town*; Sydel Silverman, *Three Bells of Civilization: the Life of an Italian Hill Town*; W. Christian Jr., *Person and God in a Spanish Valley*; Vanessa Maher, *Women and Property in Morocco*; M. Gilson, *Recognising Islam: an Anthropologist's Introduction*; Cynthia Myntti, *Women and Development in Yemen Arab Republic*; J. Waterbury, *North for the Trade: the biography of a Berber Merchant*; E. Gellner & J. Waterbury (Eds.), *Patrons and Clients in Mediterranean Societies*; Caroline White, *Patrons and Partisans: A Study of Politics in Two Southern Italian Communities*; L. Danforth, *The Death Rituals of Rural Greece*; Sandra Ott, *The Circle of Mountains*; Marina Warner, *Alone of all her Sex*; Elaine Pagels, *The Gnostic Gospels*; E. Hammel, *Alternate Ritual Structures in the Balkans*; J. Black-Michard, *Feud in Mediterranean and Middle Eastern Societies* (first published under

the title *Cohesive Force*); A. Blok, *The Mafia of a Sicilian Village*; P. Loizos, *The Greek Gift: Politics in a Cypriot Village*; J. Schneider & P. Schneider, *The Political Economy of Western Sicily*; E. Wolf & J. Cole, *The Hidden Frontier: Ecology and Ethnicity in the Alps*; S. H. Franklin, *The European Peasant: the Final Phase*; S. Brandes, *Kinship, Migration and Community*; S. Brandes, *Metaphors and Masculinity*.

Examination Arrangements: There is a two hour examination in the Summer Term, with 7 questions, 2 of which must be answered. Classwork assessment forms 20% of the mark and candidates who do not submit their written work by the due date will get few marks.

An1318

Advanced Ethnography: India

Teacher Responsible: Dr. J. Parry, Room A609 (Departmental Secretaries, A604)

Course Intended Primarily for B.A./B.Sc. c.u. main field Social Anthropology 3rd year.

Scope and Syllabus: The course will deal with the ethnography of India with special reference to analyses of the caste system and the sociology of Hinduism.

Teaching Arrangements: 10 lectures (An306) and 10 classes (An306a) in the Lent Term.

Written Work: Students will be required to present one or more class papers during the course of the term. Written work, linked to the course, will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: L. Dumont, *Homo Hierarchicus*; D. Pocock, *Kanbi and Patidar*; W. D. O'Flaherty, *Asceticism and Eroticism in the Mythology of Siva*; Veena Das, *Structure and Cognition: Aspects of Hindu Caste and Ritual*; D. Pocock, *Mind, Body and Wealth*; A. Mayer, *Caste and Kinship in Central India*; J. P. Parry, *Caste and Kinship in Kangra*; M. M. Srinivas, *Religion and Society among the Coorgs' Caste in Modern India and Other Essays*; A. Beteille, *Caste, Class and Power*. Additional Reading will be suggested during the course.

Examination Arrangements: There is a two hour examination in the Summer Term with 7 questions, 2 of which must be answered. Classwork assessment forms 20% of the mark and candidates who do not submit their written work by the due date will get few marks.

An1330

Social Aspects of Political and Economic Development (This course will not be offered in 1984-85)

Teachers Responsible: Dr. P. Loizos, Room A614 (Departmental Secretaries, A604) and Dr. S. Wallman, Room E495 (Secretary, E491)

Course Intended Primarily for B.A./B.Sc. c.u. main field Social Anthropology 3rd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Syllabus: Anthropological perspectives on development and change in Third World/rural and European/industrial settings, with explicit emphasis on issues of theory and research methods throughout.

Pre-Requisites: Introductory courses in social anthropology, or sociology, or history. Consult your teachers if you lack these but wish to take the course.

Teaching Arrangements: Lectures (An304): 20 Michaelmas and Lent Terms. Classes (An304a): 20 Michaelmas and Lent Terms.

Written Work: Students will be expected to produce one assessment essay per term and to make one or two short oral presentations per term.

Reading List: (1) Dr. Loizos — Selected Topics in Rural Development G. Barraclough, *An Introduction to Contemporary World History*; A. K. Sen, *Poverty and Famines: An Essay on Entitlement*; R. Nisbet, *Social Change and History*; S. Gudemanns, *The Demise of the Rural Economy*; P. Berger, *Pyramids of Sacrifice*; J. Goldthorpe, *Disparity and Involvement: the Sociology of the Third World*; E. Gellner, *Thought and Change*; P. T. Bauer, *Dissent on Development*; Uma Lele, *The Design of Rural Development: Lessons from Africa*.

(2) Dr. Wallman — Ethnic Relations in Industrial Europe M. Banton (Ed.), *Social Anthropology of Complex Societies*; A. Cohen (Ed.), *Urban Ethnicity*; A. L. Epstein, *Ethos and Identity*; C. Mitchell (Ed.), *Social Networks in Urban Situations*; S. Wallman (Ed.), *Ethnicity at Work*.

Further reading will be given during the course.

Supplementary Reading List: Eric Williams, *Capitalism and Slavery*; Wrigley, *Population and History*; R. Salisbury, *Vunamami*; Polly Hill, *Population, Poverty and Development: Rural Kano*; A. MacFarlane, *The Origins of English Individualism*.

Examination Arrangements: If taken as a half unit there is a two-hour examination in the Summer Term, with 7 questions, 2 of which must be answered. Classwork assessment forms 20% of the mark and candidates who do not submit their written work by the due date will get few marks.

If taken as a whole unit there is a three-hour examination in the Summer Term, 10 questions, 3 of which are to be answered. Classwork assessment forms 20% of the mark, and candidates who do not submit their essays by the due dates will get few marks.

An1331

Anthropological Linguistics

Teacher Responsible: Dr. J. Overing,
Room A610 (Departmental
Secretaries, A604)

Course Intended Primarily for B.A./B.Sc. main field course unit Soc. Anth. 3rd year; M.Sc. This course is taught in conjunction with the Department of Language Studies, whose contribution comprises a shortened form of **Elementary Linguistics** (see course unit Ln3810).

Scope: The aim of this part of the course is to examine the interrelationship between languages, culture and society.

Syllabus: The course will concentrate on three general approaches: (1) Structuralism; (2) the study of 'meaning' (the Sapir/Whorf hypothesis); (3) Sociolinguistics.

Teaching Arrangements: Lectures: Ln100; An308.

Classes: An308a.

Written Work: Students must write an assessment essay. They will also be expected to contribute one or two oral papers at the classes. Written work, linked to the course, will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: B. L. Whorf, *Language, Thought and Reality*, (1956); W. Percy, *The Message in the Bottle*, (1981); A. Ortony (Ed.), *Metaphor and Thought*, (1979); D. Parkin (Ed.), *Semantic Anthropology*, (1982); P. Sapir and J. C. Crocker (Eds.), *The Social Use of Metaphor*; K. Basso & H. Selby (Eds.), *Meaning in Anthropology*, (1976); R. Needham, *Reconnaissances*, (1980); E. Ardener (Ed.), *Social Anthropology and Language*, (1971); R. Needham, *Belief Language and Experience*; P. P. Giglioli (Ed.), *Language and Social Context*; R. Girard, 'To Double Business Bound', *Essays*

on Literature, Mimesis, and Anthropology; M. Hollis and S. Lukes, *Rationality and Relativism*, (1982); R. Bauman and J. Sherzer, *Explorations in the Ethnography of Speaking*, (1974); P. Hymes, *Language in Culture and Society*, (1964); G. Witherspoon, *Language and Art in the Navajo Universe*, (1977); J. Sturrock (Ed.), *Structuralism and Since*, (1979); J. Gumperz, *Discourse Strategies*, (1982); J. Goody, *The Domestication of the Savage Mind*, (1977); J.-M. Benoist, *The Structural Revolution*, (1978); D. Robey (Ed.), *Structuralism: An Introduction* (1973).

Examination Arrangements: There is a three-hour examination in the Summer Term, with ten questions. This exam covers both the anthropological and linguistic sections of the course. Three questions must be answered, including at least one of the three starred questions (the stars denote technical linguistics questions). The examination forms 80% of the marks. Classwork assessment forms 20% of the marks. This will be mainly based on the assessment essay in the anthropological section of the course. Students not producing this essay by the time indicated during the course will receive minimal marks.

An1332

Linguistics and Anthropological Problems

Teacher Responsible: Dr. J. Overing,
Room A610 (Departmental
Secretaries, A604)

Course Intended Primarily for B.A./B.Sc. course unit main field Social Anthropology 3rd year (half unit); M.Sc.

Scope: The aim of the course is to examine the inter-relationship between languages, culture and society.

Syllabus: The course will concentrate on three general approaches: (1) Structuralism; (2) the study of 'meaning' (the Sapir/Whorf hypothesis); (3) Sociolinguistics.

Teaching Arrangements: 10 lectures (An308) and 10 classes (An308a) in the Lent Term.

Written Work: Students must write an assessment essay. They will also be expected to contribute one or two oral papers at the classes. Written work, linked to the course, will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: B. L. Whorf, *Language, Thought and Reality*, (1956); W. Percy, *The Message in the Bottle*, (1981); A. Ortony (Ed.), *Metaphor*

and Thought, (1979); D. Parkin (Ed.), *Semantic Anthropology*, (1982); P. Sapir and J. C. Crocker (Eds.), *The Social Use of Metaphor*; K. Basso & H. Selby (Eds.), *Meaning in Anthropology*, (1976); R. Needham, *Reconnaissances*, (1980); E. Ardener (Ed.), *Social Anthropology and Language*, (1971); R. Needham, *Belief Language and Experience*; P. P. Giglioli (Ed.), *Language and Social Context*; R. Girard, 'To Double Business Bound', *Essays on Literature, Mimesis, and Anthropology*; M. Hollis and S. Lukes, *Rationality and Relativism*, (1982); R. Bauman and J. Sherzer, *Explorations in the Ethnography of Speaking*, (1974); P. Hymes, *Language in Culture and Society*, (1964); G. Witherspoon, *Language and Art in the Navajo Universe*, (1977); J. Sturrock (Ed.), *Structuralism and Since*, (1979); J. Gumperz, *Discourse Strategies*, (1982); J. Goody, *The Domestication of the Savage Mind*, (1977); J.-M. Benoist, *The Structural Revolution*, (1978); D. Robey (Ed.), *Structuralism: An Introduction* (1973).

Examination Arrangements: There is a two-hour examination in the Summer Term with 7 questions, 2 of which must be answered. Classwork assessment forms 20% of the mark and candidates who do not submit their written work by the due dates will get few marks.

An2211

**Political and Economic
Institutions**
See An1221

An2212

Magic and Religion
See An1301

Business Studies

Lectures and Seminars

Lecture/ Seminar
Number

BS100	Business Policy Professor K. E. Thurley and Mr. R. Peccei	24/MLS
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Economics Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/
Seminar
Number

Study Guide
Number

Ec100	Economics A1 Mr. K. Klappholz	30/MLS	Ec1400
Ec101	Economics A2 Dr. C. M. E. Whitehead and Dr. N. A. Barr	36/MLS	Ec1400
Ec102	Economics B Dr. J. Le Grand and Professor M. Morishima	36/ML	Ec1403
Ec103	Basic Mathematics for Economists Dr. A. Shaked	30/ML	Ec1415
Ec104	Introduction to Mathematical Economics Dr. S. Glaister	25/MLS	Ec1408
Ec105	Economic Aspects of British Social Services Dr. N. A. Barr	10/M	
Ec110	General Economics Dr. J. Le Grand	24/MLS	Ec1420
Ec111	Economic Principles (i) Micro-Economic Theory Mr. J. R. Gould (ii) Macro-Economic Theory Professor P. R. G. Layard	20/ML 20/ML	Ec1425 Ec1425
Ec112	Problems of Applied Economics	22/MLS	Ec1500
Ec113	Principles of Economics Treated Mathematically (i) Micro Mr. D. E. de Meza (ii) Macro Mr. J. H. Moore	20/ML 20/ML	Ec1426 Ec1426
Ec114	Mathematical Economics Dr. A. Horsley	50/MLS	Ec1570
Ec115	Principles of Econometrics Mr. S. E. Pudney	40/ML	Ec1561
Ec117	Econometrics of Individual Behaviour Mr. S. E. Pudney	10/M	Ec1579
Ec118	Micro-Foundations of Macro-Economics Mr. J. H. Moore	10/M	Ec1579
Ec119	Cost-Benefit Analysis Dr. S. Glaister	10/L	Ec1579

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Ec120	Econometric Topics in Macro-Economics Mr. J. J. Thomas	10/L	Ec1579; Ec2411
Ec130	History of Economic Thought Dr. M. Perlman	20/ML	Ec1540
Ec131	Advanced Economic Analysis Mr. J. H. Moore, Dr. C. R. S. Dougherty and Dr. C. A. Pissarides	30/ML	Ec1506
Ec132	Economics of Industry Dr. C. M. E. Whitehead	24/MLS	Ec1451
Ec133	Selected Topics in the Economics of Industry and Trade Mr. J. R. Gould, Dr. C. M. E. Whitehead and others	24/MLS	Ec1541
Ec134	Theory of Business Decisions Professor L. P. Foldes	22/MLS	Ec1453
Ec135	Economics of Investment and Finance Professor L. P. Foldes	25/MLS	Ec1542; Ec2428
Ec136	Labour Economics	25/MLS	Ec1452
Ec137	The Economics of Public Finance Professor A. B. Atkinson	20/ML	Ec1507
Ec138	Current Issues in Public Finance Dr. J. Le Grand	5/M	Ec1507
Ec139	Principles of Monetary Economics Mr. R. A. Jackman	30/ML	Ec1513
Ec141	The British Monetary System Mr. R. F. G. Alford	20/M	Ec1514
Ec142	Monetary Systems Seminar Mr. R. F. G. Alford	10/ML	Ec1514
Ec143	Introduction to Economic Policy (i) Macro-Economic Management Mr. Ormerod (ii) Economic Policy and Capital Formulation Professor M. King (iii) The Balance of Payments Dr. D. Highan	10/M 10/M 10/L	Ec1450 Ec1450 Ec1450
Ec144	The Economics of the Welfare State Dr. N. A. Barr and Dr. J. Le Grand	24/MLS	Ec1543
Ec145	International Economics Mr. M. D. Steuer and Dr. E. A. Kuska	20/ML	Ec1520
Ec146	Economic Development Dr. C. D. Scott	20/ML	Ec1521; Ec2440
Ec147	Economic Institutions Compared Professor P. J. D. Wiles and Dr. C. D. Scott	20/ML	Ec1454

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Ec148	Introduction to National Planning Professor P. J. D. Wiles	40/ML	Ec1527
Ec149	The Economics and Geography of Transport Professor C. D. Foster and Dr. K. R. Sealy	25/ML	Ec1544
Ec150	Transport Economics Treated Mathematically Dr. S. Glaister	10/L	Ec1544; Ec2432
Ec202	Preliminary-Year Micro-Economics Dr. M. Perlman	20/ML	Ec2591
Ec203	Preliminary-Year Macro-Economics Dr. B. V. Hindley	20/ML	Ec2590
Ec210	Final-Year Mathematics for Economics Dr. E. A. Kuska	September course	Ec2402; Ec2403; Ec2404; Ec2405
Ec211	Final-Year Statistics for Economists Dr. J. R. Magnus	September course	Ec2402; Ec2403; Ec2404; Ec2405
Ec212	Micro Economics I Dr. J. Sutton	20/ML	Ec2404
Ec213	Micro Economics II Professor A. B. Atkinson, Professor M. Morishima and Dr. J. Sutton	20/ML	Ec2405
Ec214	Macro Economics I Dr. C. R. Bean	40/ML	Ec2402
Ec215	Macro Economics II Dr. C. A. Pissarides	40/ML	Ec2403
Ec216	Methods of Economic Investigation Dr. H. Wills, Mr. J. E. H. Davidson and Mr. J. J. Thomas	48/ML	Ec2410
Ec217	Capital Theory Dr. C. R. S. Dougherty	4/L	Ec2402; Ec2403
Ec219	Advanced Economic Theory I Professor M. Morishima	18/ML	Ec2420
Ec220	Theory of Investment Planning Professor P. S. Dasgupta	22/MLS	Ec2422
Ec221	History of Economic Thought (i) Classical Economics Dr. M. Perlman (ii) Seminar Dr. M. Perlman	20/ML 20/ML	Ec2425 Ec2425
Ec222	Introduction to International Trade and International Monetary Economics (i) Theory Dr. B. V. Hindley and Dr. E. A. Kuska (ii) History and Institutions	10/M 10/M	Ec2426 Ec2426

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
Ec223	International Trade Theory and Commercial Policy Dr. B. V. Hindley	15/ML	Ec2426
Ec224	International Monetary Economics Dr. E. A. Kuska	15/ML	Ec2426
Ec226	Theory of Optimal Decisions		Ec2428
Ec227	Labour Economics (i) Labour Supply, Demand, Unemployment and Wage Inflation Professor P. R. G. Layard (ii) Microeconomic Foundations of Employment and Inflation Theory Mr. J. H. Moore	25/ML	Ec2429
Ec228	Monetary Economics Dr. C. A. Pissarides and Mr. R. A. Jackman	45/MLS	Ec2430
Ec229	Banking and Monetary Policy Mr. R. F. G. Alford	10/L	Ec2430
Ec231	Welfare Analysis for Transport Economics Dr. S. Glaister	5/M	Ec2432
Ec232	Economics of Transport: Road and Rail Professor C. D. Foster	5/M	Ec1544; Ec2432
Ec233	Economics of Transport: Aviation	5/S	Ec2432
Ec234	Transport and Urban Economics Seminar Professor C. D. Foster, Dr. S. Glaister, Mr. R. A. Jackman and Dr. C. M. E. Whitehead	10/L	Ec2432; Ec2510
Ec235	Cost-Benefit Analysis Professor C. D. Foster	6/L	Ec2432; Ec2510
Ec236	The Economics of Public Finance (Graduate Course) Professor A. R. Prest	20/ML	Ec2435
Ec237	Seminar in Public Sector Economics Professor A. R. Prest	12/MLS	Ec2435
Ec238	Public Enterprise Economics Professor Bös	3/L	Ec2435; Ec2436
Ec239	The Economics of Multilevel Government (Not available 1984-85) Dr. M. Perlman	5/M	
Ec240	Economics of Industry (Graduate Course) Dr. J. Sutton	20/ML	Ec2436
Ec242	The Economics of Less Developed Countries Mr. M. D. Steuer	20/ML	Ec2440

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
Ec243	Seminar on the Economics of Less Developed Countries Mr. M. D. Steuer	20/ML	Ec2440
Ec245	Soviet Economic Development Professor P. J. D. Wiles and Mr. A. H. Smith	25/MLS	Ec1548; Ec2441; Ec2442
Ec246	Economic Problems of the Communist World — Seminar Professor P. J. D. Wiles	13/MLS	Ec1548; Ec2441; Ec2442
Ec247	National Economic Planning: Command-Type and Indicative (i) The Actual Implementation of Plans Professor P. J. D. Wiles (ii) Quantitative Methods	10/M	Ec2442
Ec248	Planning and Comparative Economics — Seminar Professor P. J. D. Wiles	20/L	Ec2422
Ec249	Capital Markets, Corporations and Taxation Professor M. King	13/MLS	Ec2442
Ec249	Capital Markets, Corporations and Taxation Professor M. King	T.B.A.	Ec2435
Ec250	Economics of Education and Manpower Planning (Not available 1984-85)	10/M	Ec2450
Ec251	Manpower Development Planning Dr. C. R. S. Dougherty	10/M	Ec2429; Ec2440
Ec253	Marx, Walras and Keynes in the Light of Contemporary Economic Analysis Professor P. J. D. Wiles and Professor M. Desai	25/MLS	Ec2455
Ec254	Marx, Walras and Keynes in the Light of Contemporary Economic Analysis—Seminar Professor P. J. D. Wiles and Professor M. Desai	10/L	Ec2455
Ec255	Economic Organisation of the European Community Mr. A. Marin	13/ML	Ec2516
Ec256	Economic Organisation of the European Community — Seminar Mr. A. Marin	15/ML	Ec2516
Ec257	Basic Economic Concepts	20/M	Ec2516
Ec258	The Economics of Inequality Professor A. B. Atkinson	35/ML	Ec2465
Ec259	Seminar on Economic Inequality Professor A. B. Atkinson	5/L	Ec2465
Ec260	The Economics of Technological Change and Long Term Growth (Not available 1984-85)		

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
	(i) Micro-Economics	10/L	Ec2470
	Mr. D. E. de Meza		
	(ii) Macro-Economics	10/M	Ec2470
	(ii) Institution and Culture	9/M	Ec2470
	Professor P. J. D. Wiles		
Ec263	Technological Change — Seminar	5/L	Ec2470
	Professor P. J. D. Wiles and Mr. D. E. de Meza		
Ec300	Preliminary-Year Seminar in Economics	20/ML	
	Mr. J. H. Moore		
Ec301	Preliminary-Year Seminar in Econometrics	25/MLS	
	Professor M. Desai and Dr. J. R. Magnus		
Ec302	Graduate Seminar for Advanced Quantitative Economics	20/ML	Ec2550; Ec2551
	Mr. S. E. Pudney, Dr. C. R. Bean and others		
Ec303	Advanced Quantitative Economics I & II	20/ML	Ec2550; Ec2551
	Mr. S. E. Pudney and Dr. C. R. Bean		
Ec304	Macro-Economic Models	5/S	Ec2550; Ec2551
	Dr. C. R. Bean		
Ec305	Introduction to General Equilibrium	10/M	Ec2570
	Professor P. S. Dasgupta		
Ec306	Topics in Advanced Mathematical Economics	10/M	Ec2570
	Dr. A. Shaked		
Ec307	Imperfect Competition	10/L	Ec2570
	(Not available 1984-85)		
Ec308	Equilibrium and Information	10/M	Ec2570
	(Not available 1984-85)		
Ec309	Economies with Incomplete Markets	10/L	Ec2570
	(Not available 1984-85)		
Ec310	Organisation and Information	10/L	Ec257
	Mr. R. Repullo		
Ec311	Public Economics	10/M	Ec257
	Dr. A. Horsley		
Ec312	Intertemporal Economics	10/L	Ec257
	Dr. J. S. Lane		
Ec313	Duality, Programming and Economic Theory	10/L	Ec2571
	(Not available 1984-85)		
Ec314	Seminar in Mathematical Economics	12/MLS	Ec257
Ec315	Asymptotic Theory for Econometrics	5/M	Ec2560; Ec2561
	Professor J. S. Sargan		
Ec316	Advanced Econometric Theory	20/ML	Ec2560; Ec2561
Ec317	Finite Sample Properties	10/M	Ec2560; Ec2561
	(Not available 1984-85)		

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Ec318	Qualitative Response Models	10/L	Ec2560; Ec2561
	Dr. H. Wills		
Ec319	Matrix Differential Calculus	10/M	Ec2560; Ec2561
	Dr. J. R. Magnus		
Ec320	Statistical Forecasting and Control	10/M	Ec2560; Ec2561
	Mr. A. C. Harvey		
Ec321	Non-Linear Techniques in Econometrics	10/M	Ec2560; Ec2561
	Mr. J. E. H. Davidson		
Ec322	Asymptotic Properties of M. L. Estimators	5/L	Ec2560; Ec2561
	Dr. J. R. Magnus		
Ec323	Seminar in Econometrics	12/MLS	Ec2560; Ec2561
	Dr. H. Wills, Professor M. Desai and Mr. A. C. Harvey		
Ec400	Elements of Urban and Regional Economics	10/M	Ec2510
	Dr. C. M. E. Whitehead		
Ec401	Seminar in Regional and Urban Economics	15/LS	Ec2510
	Mr. R. A. Jackman		
Ec410	Topics in Economic Analysis	30/ML	Ec2495
	Mr. M. D. Steuer, Dr. C. R. Bean, Professor A. B. Atkinson, Professor M. King and Professor M. Morishima		
Ec411	Seminar in Research Strategy	30/MLS	
	Mr. M. D. Steuer and Professor M. Desai		
Ec412	Seminar for Research Students in Economics	30/MLS	
	Mr. M. D. Steuer		
Ec450	Money and Macro-Economic Workshop	49/MLS	
	Mr. R. F. G. Alford and Dr. C. A. Pissarides		
Ec452	The Unemployment Seminar	15/MLS	Ec2429; Ec2450
	Mr. R. A. Jackman and Professor P. R. G. Layard		
	Econometrics Workshop	MLS	
	Professor M. Desai, Mr. J. E. H. Davidson, Professor J. D. Sargan, Dr. J. R. Magnus, Mr. S. E. Pudney, Mr. A. C. Harvey and Dr. H. Wills		

ECONOMICS

Ec234

Transport and Urban Economics (Seminar)

Teachers Responsible: Professor Foster, Room S174, Dr. S. Glaister, Room S587, Mr. R. Jackman, Room S376 and Dr. C. Whitehead, Room S174

Course Intended for graduate students.

Scope: Presentation and discussion of papers by research students, staff members and visitors.

Teaching Arrangements: Seminars (Ec234) held in the Lent Term.

Ec411

Seminar in Research Strategy

Teachers Responsible: Mr. M. D. Steuer, Room S183 and Professor M. J. Desai, Room S87

Course Intended for M.Phil. and Ph.D. students in Economics.

Scope: The seminar will emphasize the selection of research topics and the design of feasible research programmes.

Teaching Arrangements: Seminars (Ec411). Twenty hours, Michaelmas and Lent Terms.

Ec412

Seminar for Research Students in Economics

Teacher Responsible: Mr. M. D. Steuer, Room S183

Course for all students registered for M.Phil. or Ph.D. degrees in Economics.

Scope: The basic purpose of the seminar is to present and discuss work which bears on the problems of selecting and defining research topics, and work which bears on the successful execution of economic research. The approach is informal and an emphasis is placed on allowing adequate time, more than one week on a single paper if necessary, so that questions raised by the speaker or the participants may be satisfactorily resolved. Members of the seminar may suggest and

agree on inviting outside speakers. The majority of the papers consist of students' research work at various stages of progress. Teaching Arrangements: The seminar meets weekly throughout the academic year.

Ec450

Money and Macro Economics Workshop

I: Theory and Testing

Teachers Responsible: Mr. R. Alford, Room S378 and Dr. C. A. Pissarides, Room S584

Workshop for academic staff, research students, academic visitors and others invited to attend.

Scope: Theory and empirical testing in the fields of monetary and macro-economics.

Meeting Arrangements: The workshop is held weekly, on Wednesdays at 5-6.30 p.m. and is Sessional.

II: Banking and Finance

Teachers Responsible: Mr. R. Alford, Room S378 and Dr. C. A. Pissarides, Room S584

Workshop for academic staff, research students, academic visitors and others invited to attend.

Scope: Current problems and policy in the field of monetary and macro-economics, and in banking and other capital market institutions, both British and international.

Meeting Arrangements: The workshop is held weekly on alternate Tuesdays at 5-6.30 p.m.

Ec1400

Economics A

Teacher Responsible: Dr. N. A. Barr, Room S578

Structure of Course: Economics A is divided into two parts, Economics A1 (Ec100) and Economics A2 (Ec101). For technical reasons Economics A1 and A2 are both part of Economics A and so have the same Course Unit number (12/340/1400); but for practical purposes it is better to think of them as two separate courses each with its own teaching arrangements and examination. They will be described in turn.

Economics A1

Course Intended Primarily for B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields for Anth. 2nd year, Soc., Soc. Psych., optional for Dip. Soc. Plan.

Scope: The course is elementary, but rather than aiming to provide an introduction to the technical apparatus of economic theory, it is intended to explain and illustrate the major ideas economists apply both to the explanation of social phenomena and to issues of economic policy. Thus the course is designed for students who do not intend to take a Special Subject in the Economics Department (i.e. who do not intend to take Special Subjects I-VI inclusive). No prior knowledge of economics is assumed, though, because of the slant of the course, students with A-level economics have found it interesting.

Syllabus: Economics and scarcity. Economic agents and economic institutions. Market processes, demand and supply analysis. Market failures. Applications of micro-economic analysis to some present day policy problems. Policy aims with respect to price, output and employment, and means of achieving these aims.

Pre-Requisites: None.

Teaching Arrangements: There is one lecture course and an accompanying set of classes. Lectures: Ec100 Economics A1 30 lectures (10 Michaelmas, 10 Lent, 10 Summer Term) Classes: Ec100(a) 22 Sessional.

Ec100 A1 is given by one lecturer (Mr. K. Klappholz, S88). Approximately half of the lectures are devoted to issues such as the role of markets, private property, and of government, in the allocation of resources, while in the remaining half arguments are examined concerning the role of government in the attempt to stabilise economic activity. Students are provided with brief outlines of the main topics of the course and reading suggestions.

Ec100(a) The 22 classes are usually taught by the same person who gives the lectures. They are devoted to questions which may arise out of the lectures, to a consideration of discussion topics with which students are provided, and to any relevant questions raised by members.

Written Work: Each student is expected to write 4 essays in conjunction with the 22 classes. These essays will be marked by the class teacher and returned to students. The topics for the essays may be chosen from the list of discussion topics or from past examination papers, or by arrangement with the class teacher. Should any student wish to

write more than 4 essays, the class teacher will be glad to mark them.

Reading List: Since the course is not meant to be a conventional one, following the sequence of conventional textbooks, there is no single book which covers the whole course. However, all students will wish to buy at least the two books marked with an asterisk. (Books preceded by (1) are recommended for the first time).

Books relevant for the whole course are: J. E. Meade, *The Intelligent Radical's Guide to Economic Policy* (for a liberal-socialist view); M. Friedman & R. Friedman, *Free to Choose* (for a classical liberal, or "Chicago" view); E. J. Mishan, *Twenty-one Popular Economic Fallacies* (1st edition as well as later editions); A. Lindbeck, *The Economics of the New Left* (2nd edn.).

For the first part of the course: *J. le Grand & R. Robinson, *The Economics of Social Problems* (2nd edn.); P. B. McKenzie & G. Tullock, *The New World of Economics* (3rd edn.); G. Tullock, *The Vote Motive*, IEA Hobart Paperback No. 9.

For the second part of the course: *I. A. Trevithick, *Inflation* (2nd edn.); S. Brittan, *How to End the Monetarist Controversy*, IEA Hobart Paper 90 (2nd edn.); (1) F. Cairncross & P. Keeley, *The Guardian Guide to the Economy*.

The above are suggestions for minimal reading, and additional suggestions will be contained in the course outlines. These will include references to publications of the Institute of Economic Affairs as well as to articles in Bank Reviews.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the whole syllabus, the results of which wholly determine the assessment for the course. The examination paper contains 12 essay-type questions, of which candidates are required to answer any five. Copies of past examination papers are available.

Economics A2

Course Intended Primarily for B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part I 1st year; B.Sc. (Econ.) Part II 2nd or 3rd year; B.A./B.Sc. by Course Unit, main fields Geography, Management Sciences, Social Anthropology, Sociology, Social Psychology (Course Unit 12/340/1400), 1st, 2nd or 3rd year; B.Sc. (Social Science and Administration) 1st year; Diploma in Accounting and Finance (Paper 3, 4 and 5 (a)); Diploma in Management Sciences (V (a)); M.Sc. final year.

Scope: This is an introductory course in economic theory; it assumes no previous knowledge of economics or mathematics.

Syllabus: This course gives a foundation in economic theory, primarily to those who have done no economics before. The course is suitable for those who intend to do further economics, either specialist or non-specialist. No knowledge of algebra is assumed. The course covers standard micro- and macro-economic theory and its extensions and some aspects of income distribution. Topics dealt with include demand and supply, theories of utility and cost, market structures, optimality, theories of wages and labour supply, macro-economic equilibrium in the goods and money markets, unemployment, inflation, and the balance of payments.

Pre-Requisites: None.

Teaching Arrangements: There is one lecture course and an accompanying set of classes: Lectures: Ec101 Economics A2 36 lectures (20 Michaelmas, 13 Lent and 3 Summer Term) Classes: Ec101(a) 20 Sessional.

Ec101 Economics A2 covers the whole of the syllabus described above; 18 lectures (Michaelmas Term, Dr. C. M. E. Whitehead, S174) are on microeconomics; the remaining 18 (Lent and Summer Terms, Dr. N. A. Barr, S578) are on macroeconomics. The course follows fairly closely standard first year textbooks such as Samuelson, Lipsey or Baumol and Blinder (see details below). Lecture handouts are distributed at frequent intervals; they contain the outline of the lectures, details of prescribed readings and questions for discussion in classes. In addition about twelve programmed learning problem sets are handed out in lectures; each contains about fifteen multiple choice questions; the answers are handed in and fed into a computer; each student receives a computer printout giving comments on his/her work. Ec101a There are 15 classes, usually taught by part-time teachers. They are used mainly to deal with questions arising out of the lectures; with some of the questions on the lecture handouts; and with the questions on the programmed learning problem sets. They are used also to discuss students' written work.

Written Work: In addition to the programmed learning problem sets class teachers will normally set and mark four pieces of written work from each student during the course.

Reading List: Students should buy one of the following: P. A. Samuelson, *Economics* (11th edn.), McGraw-Hill, 1980; R. G. Lipsey, *An Introduction to Positive Economics* (6th edn.), Weidenfeld and Nicolson, 1979; W. J. Baumol & A. S. Blinder, *Economics, Principles and Policy* (2nd edn.), Harcourt Brace Jovanovich, 1982.

No one book is better than any of the others;

each student should buy the book which best suits his/her personal style.

Supplementary Reading List: Before the start of the course students may wish to consult: P. Donaldson, *Economics of the Real World*, Penguin; J. Robinson, *Economic Philosophy*, Penguin; J. K. Galbraith, *Economics and the Public Purpose*, Penguin; M. Friedman & R. Friedman, *Free to Choose*, Penguin; M. Stewart, *Keynes and After*, Penguin. Further supplementary reading is given in the weekly handouts.

Examination Arrangements: There is a three hour formal examination in the Summer Term based on the full syllabus. The assessment for the course is based entirely on the examination result. The examination contains two types of question

- a compulsory question consisting of eight questions requiring short answers, of which the student must answer four; and
- seven or eight questions requiring longer answers of which the student must answer three.

Copies of previous years' papers are available.

Ec1403

Economics B

Teachers Responsible: Dr. J. Le Grand, Room S280 and Professor M. Morishima, Room R410 (Secretary, Prue Hutton, R409)

Course Intended Primarily for B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields, Maths., Stats., Comp., Act. Sci., Man. Sci., Dip. Man. Sci.

Scope: The aim of the course is to give students the conceptual basis and the necessary analytical tools for understanding contemporary economics.

Syllabus: Part A (Dr. Le Grand) – Theory of consumer behaviour; theory of the firm; market equilibrium; imperfect competition; general equilibrium theory; welfare economics; financial markets. Part B (Professor Morishima) – Analysis of the market: for the primary industry and for the secondary industry; determination of exchange rates; an aggregative general equilibrium model; is full employment possible?; public finance policy; monetary policy.

Pre-Requisites: A knowledge of A-level economics is desirable, as is some knowledge of mathematics (e.g. elementary linear algebra and calculus). Neither is essential, but those students without this background should be prepared to do extra work.

Teaching Arrangements: Dr. Le Grand will give eighteen 1-hour lectures (Ec102) in the Michaelmas Term, and Professor Morishima will give eighteen 1-hour lectures (Ec102) in the Lent Term. There will also be twenty accompanying classes (Ec102a) through the year.

Reading List: W. J. Baumol and Alan S. Blinder, *Economics: Principles and Policy*; Michio Morishima, *Economic Theory of Modern Society*; R. G. Lipsey, *An Introduction to Positive Economics*; Peter J. de la F. Wiles, *Price, Cost and Output*; David Laidler, *Introduction to Microeconomics*; Michio Morishima, *Unpublished Lecture Notes*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus of parts A and B of the course. There will be at least twelve questions, of which four must be answered. Students must choose at least two from each part of the course.

The assessment of the course is based exclusively on the exam paper.

Ec1408

Introduction to Mathematical Economics

Teacher Responsible: Dr. Stephen Glaister, Room S587

Course Intended Primarily for B.Sc. (Econ.) Parts I and II; B. Sc. Course Unit main fields Maths., Stats., Computing, Actuarial Science, Management Sciences, Diploma Management Sciences.

Scope: An introduction to economic principles suitable for those intending to specialise in economics. A mathematical approach is adopted whenever it is appropriate. Although the syllabus is similar to those of many 'A' level courses, the approach is quite different to that usually found at 'A' level. 'A' level economics is not a requirement for this course, nor is it necessarily a great advantage to have taken it. A facility with applied mathematics, on the other hand, is a considerable advantage.

Syllabus: Supply and demand: static and dynamic properties of markets in equilibrium. The competitive producer: the production and cost functions, returns to scale; the supply function, the input demand functions, the elasticity of substitution; the firm and the industry.

The theory of consumers' behaviour; preferences and utility functions, demand functions, expenditure functions and compensated demand functions; the Slutsky

equation; revealed preference; labour supply. Welfare economics in competitive markets; Pareto efficiency, general equilibrium; the effect of taxes, externalities, public goods. Monopoly, oligopoly, imperfect competition and imperfect information. Macroeconomics; the multiplier, fiscal policy, simple dynamic models; investment and the rate of interest, the demand for money; full equilibrium, fiscal and monetary policy.

Teaching Arrangements:

Classes: Eighteen weekly classes (Ec104a) in the Michaelmas, Lent and Summer Terms.

Lectures: One lecture a week is held, twenty five lectures (Ec104) in all.

There are two text books for the course, both of which are required reading. One of these is: *A Mathematical Introduction to Economics* by Alasdair Smith (Blackwell, 1982). You must buy and become thoroughly familiar with this text. As you read the book you should be sure to redraw each diagram for yourself to a much larger scale. This will greatly enhance your understanding and it will help you to remember the material. At the end of each chapter you will find a set of exercises. You should attempt as many of these as you possibly can, even though your class teacher will only have time to discuss a small proportion of them. Take every opportunity to discuss them – and the lecture material – with your colleagues. Some exercises require a largely mathematical answer, some are best tackled using diagrams, some require a purely verbal answer, and some require combinations of these three approaches. Usually it will be obvious what approach is required, but sometimes you will have to form your own judgement of the best way to tackle a question. You will undoubtedly find, especially at first, that the skill of forming such judgements is harder to acquire than the purely mathematical skills required.

An Introduction to Positive Economics by R. G. Lipsey (Weidenfeld & Nicolson). The fifth edition is available in paperback at £8.50 but it is no handicap to use the second or third or fourth editions. Smith's book is *not* a substitute for this book: they should be used together. Specific references to Lipsey may not always be given in the lectures but it is normally easy enough to find the relevant passages.

It is very important that you should give as much attention to Lipsey as to the rather more terse mathematical book. There is a danger that a thorough understanding of the formal, mathematical manipulations will give you a false impression of understanding the underlying economics of what is being said. The economics is the important thing and so you must guard against a superficial

understanding by reading Lipsey.

Occasionally you may find it helpful to refer to three other books: G. C. Archibald and R. G. Lipsey, *An Introduction to a Mathematical Treatment of Economics* and W. J. Baumol, *Economic Theory and Operations Analysis*, and E. Silberberg, *The Structure of Economics, a Mathematical Analysis* but you will not need to buy them, and again, it is not necessary to consult the latest editions.

If you do not understand something said in a lecture, *do not hesitate to ask to have the point repeated and clarified*. The chances are that other students have the same problem. I will be sticking closely to the material in Smith's book (although there will not be time to cover all of it) and so there is no necessity to take full lecture notes if you do not want to.

However, many people find it much easier to understand and remember things if they write them down. And when you come to revise after a period of time, you may find notes you have written yourself easier to follow than material written by somebody else.

Classes will be every week. These will give you an opportunity to discuss your problems with the lecturers and to discuss any other matters you or your class teacher may wish. As a supplement to the classes I will from time to time hand out computer marked 'PILOT surveys'. PILOT (Process of Individualised Learning by Objective Testing) is a computer based testing and evaluation system. The *PILOT surveys are not used for assessment purposes*; instead they are used to diagnose student difficulties and to remedy these before examinations take place. You will be invited to fill out each PILOT survey at your leisure and to hand your answer sheet in at a specified future lecture. Late returns cannot be processed. I will put your replies through the computer and each student will receive an analysis and commentary on his performance, (references are to the 5th edition of Lipsey) in his pigeon-hole, about 3 days later. The whole process is purely for your own benefit and you may use it as you see fit.

Reading List: The first two titles are required reading. You should certainly buy Smith and you will need easy access to Lipsey. M. A. M. Smith, *A Mathematical Introduction to Economics*, Blackwell; R. G. Lipsey, *An Introduction to Positive Economics*, Weidenfeld & Nicolson.

Supplementary Reading List: G. C. Archibald & R. G. Lipsey, *An Introduction to a Mathematical Treatment of Economics*; W. J. Baumol, *Economic Theory and Operations Analysis*; E. Silberberg, *The Structure of*

Economics, a Mathematical Analysis.

Examination Arrangements: You are strongly advised to have a look at recent past examination papers for the course (available in the Teaching Library) so as to get an idea of what is required at the end of the year. The paper requires you to answer four questions in three hours from a total of about nine. Each question carries 25% of the marks. Question 1 is a compulsory multi-part question which ranges over the whole syllabus.

Ec1415

Basic Mathematics for Economists

Teacher Responsible: Dr. A. Shaked, Room S275

Course Intended Primarily for B.Sc. (Econ.) Part I; Diploma in Economics.

Scope: Course Ec103 is designed to provide students with the elementary mathematical tools that are needed to pursue a degree in economics. Application of these techniques to a variety of economic problems is given particular emphasis. Course SM100 covers other topics contained in a typical A-level Pure Mathematics syllabus and provides the necessary background for SM102, **Elementary Mathematical Methods**.

Syllabus:

Ec103 (Part A): Linear and quadratic functions; systems of linear equations; input-output analysis; an introduction to linear programming; geometric series; discounting and present values. Differentiation of polynomials; differential rules for products, quotients and functions of functions; marginal cost and marginal revenue; price and income elasticity; maximisation and minimisation; logarithms; the exponential function and its derivative; definite and indefinite integrals; consumer's surplus, summation of continuous flows.

Ec103 (Part B): Functions of several variables; partial differentiation; maxima and minima; properties of production functions; profit maximisation and cost minimisation; utility and demand functions; the lagrange multiplier method for maximisation and minimisation under constraints; equilibrium and stability in dynamic models.

SM100: Partial fractions; trigonometric and inverse trigonometric functions; further calculus, including integration by parts and by substitution; Taylor series.

Pre-Requisites: The course is designed for students with a reasonable understanding of

O-level mathematics, or its equivalent. Prior knowledge of calculus is not assumed.

Teaching Arrangements: The 30 lectures for Ec103 are given during Michaelmas and Lent Terms. SM100 will be given towards the end of the Michaelmas Term. Comprehensive lecture notes are provided for both lecture courses. Students will be allocated one class a week (Sessional) in connection with Ec103. 10 extra classes will be organised for those choosing to attend SM100. A further remedial class will be arranged for those in difficulty.

Written Work: There are sets of problems associated with both courses that will form the basis of class discussion. The capacity to solve problems similar to those in the class exercises is the primary focus of the course. Students should make every effort to tackle the exercises, and to hand in solutions, in advance of the class discussion.

Reading List: There are a variety of texts that cover most of the material in Ec103 and are close substitutes. It is advisable to purchase one of the following: G. C. Archibald & R. G. Lipsey, *An Introduction to a Mathematical Treatment of Economics*; J. Colin Glass, *An Introduction to Mathematical Methods in Economics*; J. Black and J. F. Bradley, *Essential Mathematics for Economists*; Edward T. Dowling, *Mathematics for Economists*. Archibald and Lipsey is perhaps the most comprehensive of the above, but some students may find it a little advanced. The Book by Dowling is particularly rich in worked examples.

Examination Arrangements: The course assessment is based exclusively on a three-hour formal examination in the Summer Term. The paper will include 9 questions on the material from Ec103 and 3 questions on SM100. Students are required to answer 5 questions with no restriction on choice, and each question is given equal weight. Students can expect to pass the course if they correctly answer 2 complete questions.

In designing the examination it is assumed that students have attended Ec103 (Part A) and *either* Ec103 (Part B) *or* SM100 or both. However, the appropriate strategy for almost all students will be to attend both parts of Ec103, and then opt to attend SM100 in addition if they wish to cover the more advanced mathematical techniques.

Ec1420

General Economics

Teacher Responsible: Dr. J. Le Grand, Room S280

Course Intended Primarily for B.Sc. (Econ.) Part II (but not special subjects I-VII, XIX, XX, XXVI); B.A./B.Sc. c.u. 2nd or 3rd year.

Scope: The course is aimed at students with some training in elementary economics, but who are not specialising in the subject. It concentrates on micro-economic and macro-economic policies and problems, with examples based primarily on the U.K.

Syllabus: The course covers the following areas: industrial policy, pollution, health care, education, housing, poverty and inequality, inflation and unemployment, stabilisation policies, incomes policy, exchange rates and balance of payments, economic growth.

Pre-Requisites: A knowledge of introductory micro- and macro-economics (e.g. as covered in **Economics A2** or U.K. "A" level economics).

Teaching Arrangements: Twenty-four lectures (Ec110) with the first twelve, in micro-economics, given by **Dr. J. Le Grand** (Room S280) and the second twelve, in macro-economics, by **Mr. A. Marin** (Room S279). There are also twenty classes (Ec110(a)).
Classes: Students are expected to contribute to class discussions, and to hand in four essays to the class teacher.

Reading List: There is no single textbook covering the whole course; but, for the micro-economic half, students are advised to purchase: J. Le Grand & R. Robinson, *The Economics of Social Problems* (2nd edn.), Macmillan, 1983.

Detailed reading lists are handed out at the beginning of each of the two sets of lectures.
Examination Arrangements: The course is examined by a three-hour formal examination in the Summer Term. The examination paper is split into two sections with six questions in each section; students have to answer four questions, with at least one from each section.

Ec1425

Economic Principles

Teacher Responsible: Mr. J. R. Gould, Room S676

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u; Dip. Econ.; Dip. Acc. and Fin.; Dip. Bus. Studies.

Scope: An intermediate course in micro-economic and macro-economic analysis.

Syllabus: The principles of the economic

analysis of the market mechanism. The determination of relative prices, the allocation of resources and the distribution of income. Welfare economics. The determination of aggregate resource utilisation and the general price level. The treatment will involve diagrammatic techniques and elementary algebra, but more severe mathematical treatment will not be required.

Pre-Requisites: The course is designed to follow introductory courses in Economics based on text books such as P. A. Samuelson, *Economics* or R. G. Lipsey, *Positive Economics*. Students who have not previously studied Economics should read either of these books before commencing **Economic Principles**.

Teaching Arrangements:

Lectures: Ec111(i) **Micro-Economic Theory** 20 Michaelmas and Lent Terms, by **Mr. Gould**.

Ec111(ii) **Macro-Economic Theory** 20 Michaelmas and Lent Terms, by **Professor Layard**.

Classes: Ec111(a) 24 Sessional.

Classes will be largely devoted to discussion of problems designed to strengthen students' understanding of analytical methods. Students are urged to attempt the assigned problems before attending classes. At least five pieces of written work will be required and marked by class teachers.

Reading List: Micro: D. Laidler, *Introduction to Micro-economics* (2nd edn.), and/or J. Hirshleifer, *Price Theory and its Applications* (2nd edn.); J. R. Gould, *Additional Notes* covering some parts of the lectures and available in the Teaching Library.

The above are required reading. In addition: D. de Meza and M. Osborne, *Problems in Price Theory* is valuable for practice in analytical methods.

Macro: R. Dornbusch & S. Fischer, *Macroeconomics*, is the recommended text. The material of the course is also covered in G. Ackley, *Macroeconomics*, W. Branson, *Macroeconomics* or M. Perlman, *Macroeconomics*.

Supplementary Reading List: A limited amount may be recommended in the lecture courses.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The examination paper is divided into two parts, micro and macro, with six questions in each part. Candidates are required to answer two questions from each part. All questions carry equal weight. Copies of previous years' papers are available in the library.

Ec1426

Principles of Economics Treated Mathematically

Teacher Responsible: Dr. F. A. Cowell, Room S475

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. course unit; Diploma in Economics; Diploma in Econometrics; M.Sc. preliminary year.

Scope: The aim of the course is to provide students with a basic grounding in micro-economic and macroeconomic analysis.

Syllabus:

Microeconomics: Standard optimisation methods are used to analyse the theory of production, the theory of the firm, the theory of consumer behaviour; the comparative statics properties of equilibrium models are analysed. An outline of general equilibrium analysis is provided with specific discussion in a two-sector model. There is an elementary treatment of topics such as imperfect markets, uncertainty and welfare economics.

Macroeconomics: The basic macroeconomic model incorporating a goods market, asset market and labour market is set up and its comparative statics discussed. The consumption function, investment behaviour and the demand for and supply of money are discussed in greater detail. The model is extended to incorporate the government and international trade. Elementary dynamics models of output, employment and prices are analysed.

Pre-Requisites: A knowledge of mathematics covering basic algebra, basic differential and integral calculus (including partial derivative differentiation), elementary linear algebra, simple differential and difference equations. (See *Mathematical Background*, below.) An appropriate first year economics course is an advantage but not essential.

Teaching Arrangements: There are two lectures, (Ec113) weekly in the Michaelmas and Lent Terms, corresponding to the microeconomic and macroeconomic components. Accompanying the lectures is a set of classes (Ec113a) which are intended for further discussion of issues raised in lectures and for discussion of problem sets issued by the lectures.

Written Work: In the Michaelmas and Lent Terms a one-hour mock examination will be held based on that term's work. Students are strongly advised to prepare for these two tests diligently since the experience gained in them will be of considerable value in preparing for the formal examinations in the Summer. Students are also strongly encouraged to work

through all the examples and exercises provided by the lecturers.

Reading List: *Microeconomics:* There is no single textbook which covers the course at the right level of difficulty. However, H. Gravelle & R. Rees, *Microeconomics*, Longmans, provides a good coverage. Slightly advanced, but very thorough is E. Malinvaud, *Lectures in Microeconomic Theory*.

Students with strong mathematics can find a more rigorous analysis in H. Varian, *Micro Economic Analysis*, Norton.

Other detailed reading will accompany the course notes.

Macroeconomics: The best textbook for the course is: R. Dornbusch & S. Fischer, *Macroeconomics* (2nd edn.).

Dornbusch and Fischer make little use of mathematics. A text covering many of the topics of the course at an appropriate mathematical level is: P. Burrows & T. Hitiris, *Macroeconomic Theory: A Mathematical Introduction*.

Students with strong mathematics can find a more rigorous analysis in D. J. Ott, A. F. Ott & J. H. Yoo, *Macroeconomic Theory*.

Many other textbooks cover the course syllabus (without being especially mathematical). For example: W. H. Branson & J. H. Litvack, *Macroeconomics* (2nd edn.); T. F. Dernberg & D. M. McDougall, *Macroeconomics* (5th edn.); M. Perlman, *Macroeconomics* (2nd edn.).

Detailed guidance will be given in the lectures. *Mathematical Background*

It is assumed that students will be familiar with basic mathematics, to the level of, say, G. C. Archibald & R. G. Lipsey, *A Mathematical Treatment of Economics*; A. C. Chiang, *Fundamental Methods of Mathematical Economics*; T. Yamane, *Mathematics for Economics*.

Examination Arrangements: There is a three-hour examination in the Summer Term based on the full syllabus covered by the lecture courses. The paper contains 12-14 questions grouped in two or three sections. Candidates are required to answer four questions, choosing at least one from the microeconomics section and at least one from the macroeconomics section. The questions are set in such a way as to test analytical, computational and descriptive skills. Students are encouraged to check previous years' examination papers for guidance on the style of questions.

Ec1430

Introduction to Econometrics and Economic Statistics

Teachers Responsible: Dr. C. R. S. Dougherty, Room S184, Mr. A.

Harvey, Room S218A and Dr. C. M. Phillips, Room S207.

Courses Intended Primarily for B.Sc. (Econ.) Part II; M.Sc. Economics preliminary year; Diploma in Economics.

Scope: The course is in two parts. **Dr. Dougherty** gives 17 lectures which form an introduction to econometrics. Before these lectures he gives six optional lectures which review basic statistical concepts. **Dr. Phillips** and **Mr. Harvey** give 10 lectures on the collection and assessment of economic statistics, including national accounts statistics, sources and methods. **Dr. Dougherty** gives one additional lecture on the limitations of statistical techniques in economics.

Syllabus: Dr. Dougherty's lectures: (a) optional review lectures: random variables; expected values; hypothesis testing and confidence intervals; covariance, variance and correlation. (b) main lectures: simple and multiple regression analysis; test statistics; problems of multicollinearity and misspecification; transformation of variables; dummy variables; proxy variables; serial correlation; heteroscedasticity; measurement errors and Friedman's Permanent Income Hypothesis; simultaneous equations bias; indirect least squares; instrumental variables; two-stage least squares; model evaluation.

Dr. Phillips' lectures: measurement of 'standards' of living, the UK Family Expenditure Survey, General Household Survey and Labour Force Surveys as sources of data.

Mr. Harvey's lectures: concepts of Gross Domestic Product and its components, and problems of measurement at current and constant prices; index numbers, including Retail Prices Index, Consumers' Price Index and Index of Industrial Production; Balance of Payments and Trade Statistics.

Pre-Requisites: A basic knowledge of calculus is assumed in the theoretical part of the course. Students who have not taken a basic course in statistics must attend the six preliminary review lectures.

Teaching Arrangements: **Dr. Dougherty** gives the six preliminary review lectures (SM230) in the first three weeks of the Michaelmas Term and the main lectures from the fourth week of the Michaelmas Term at 9 a.m. each Thursday. **Dr. Phillips** gives her lectures in the second half of the Michaelmas Term each

Thursday at 3 p.m. and Mr. Harvey's lectures are given at the same time in the Lent Term. There is one class (SM230a) per week associated with the lectures and class group allocation takes place at the start of the Michaelmas Term. Exercises are provided each week and are discussed in the classes. Students are required to hand in written answers to the exercises for correction.

Reading List: R. G. D. Allen, *An Introduction to National Accounts Statistics* (Macmillan, 1960); covers much of Mr. Harvey's part of the course. Comprehensive lecture notes will be provided for the theoretical part of the course.

Examination Arrangements: There is a three-hour formal examination at the beginning of June.

Ec1450

Introduction to Economic Policy

Teacher Responsible: Mr. R. F. G. Alford, Room S378

Course Intended Primarily for B.Sc. (Econ.) Part II and Dip. Econ.

Scope: This course is concerned with British economic policy and its attempts to deal with economic problems using economic theory and quantitative information. The field is so large that the course concentrates upon only three areas:

Macro-economic management
Economic Policy and Capital Formation
The Balance of Payments

(This course is complementary with the main second year theory courses **Principles of Economics** and **Principles of Economics Treated Mathematically**.)

Pre-Requisites: Students taking the B.Sc. (Econ.) must have taken one of the first year economics courses **Economics A2** or **Economics B**. Other students must have taken at least one year of Economics at university level.

Teaching Arrangements: Each section of the course has its own lectures and classes:

Macro-economic Management:

Ec143(i) **Macro-economic Management** (10 lectures, Mr. Ormerod, Michaelmas Term)
Ec143(i) (a) (5 classes, first five weeks of Lent Term)

Ec143(ii) **Economic Policy and Capital Formation** (10 lectures, Professor King, Michaelmas Term)

Economic Policy and Capital Formation:

Ec143(ii) (a) (5 classes, last five weeks of Michaelmas Term)

The Balance of Payments:

Ec143(iii) **The Balance of Payments** (10

lectures; Dr. Higham, Lent Term)

Ec143(iii) (a) (5 classes, last five weeks of Lent Term).

Written Work: Written work will consist of class papers or essays which will be set by the class teachers.

Reading List: suitable preliminary reading would be: **Macro-economic Management:** K. A. Chrystal, *Controversies in British Macroeconomics*; K. Cuthbertson, *Macroeconomic Policy*.

The Balance of Payments: A. P. Thirlwall, *Balance of Payments Theory*.

Economic Policy and Capital Formation: Reading to be arranged.

More detailed reading lists will be given out during the course.

Examination Arrangements: There is a three-hour examination in the Summer Term. The paper will contain at least four questions on each section of the course. Candidates have to answer four questions; there is no restriction on choice of questions.

Ec1451

The Economics of Industry

Teacher Responsible: Dr. C. M. E. Whitehead, Room S174

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Econ.; Dip. Acc. and Fin.; Dip. Bus. Studies.

Scope: A second-year undergraduate course in the **Economics of Industry** (or in North American terminology, Industrial organization).

Syllabus: The economic analysis of the structure of industry. The major subjects covered are size of firms; diversification of firms; vertical integration; market concentration; and conditions of entry. Emphasis is placed on competition and monopoly, transactions and organization costs, and efficiency.

Pre-Requisites: Students should have completed an intermediate course in economic analysis such as **Economic Principles**, or should be following that course while following this course.

Teaching Arrangements:

Lectures: Ec132 **Economics of Industry** 25 Sessional.

Classes: Ec132 Sessional.

Classes will be largely devoted to discussion of topics designed to complement or supplement the lectures. Written work will be required and assessed by class teachers.

Reading List: There has been no single text

recommended for the whole course. A detailed reading list will be provided at the beginning of the course and class teachers will help students seeking guidance on their reading.

The following books are useful as general reference: D. A. Hay & D. J. Morris, *Industrial Economics Theory and Evidence*; D. Needham, *The Economics of Industrial Structure, Conduct & Performance*; J. V. Koch, *Industrial Organization and Prices*; R. W. Shaw & C. J. Sutton, *Industry and Competition: Industrial Case Studies*.

A more advanced and comprehensive treatment is in: F. M. Scherer, *Industrial Market Structure and Economic Performance*. (Its scope is much more extensive than the course).

References to journal articles and texts relating to specific topics will be given in the lectures.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. A compulsory question accounts for 40% of the total marks; there is a choice of five sub-questions from at least ten. The remaining 60% of the marks are assigned to three questions, to be selected from at least six.

Ec1452

Labour Economics

Teacher Responsible: to be arranged
Course Intended Primarily for B.Sc. (Econ.) 2nd or 3rd year; Diploma in Economics.

Scope: The course seeks to introduce students to the major theoretical principles of labour economics and to recent applied work in the area.

Syllabus: The analysis of the supply of labour: including the theory of labour/leisure choice, empirical studies of hours of work and of labour force participation rates; the analysis of occupational choice, education and other forms of human capital investment and the theory of job search.

The analysis of the demand for labour: including the analysis of demand when labour is assumed to be homogeneous, the demand for different skills, demand under conditions of imperfect information and the analysis of labour market discrimination.

The structure of wages and the income distribution. The economic analysis of trade unions. The analysis of unemployment and of increases in average money wages.

Pre-Requisites: It is usual, but not essential, for students to have taken, or be taking, the 2nd year B.Sc. (Econ.) course **Economic Principles**; also, some knowledge of statistics,

as given, for example, in the course **Introduction to Econometrics and Economic Statistics**, as useful but not essential.

Teaching Arrangements: There are 25 lectures (Ec136). In addition there are classes (Ec136a) running through the session starting in the 2nd or 3rd week of the first term. Students are expected to do at least 2 pieces of written work per term for their class teacher; they are also expected to participate actively in class discussions.

Reading List: A. Rees, *The Economics of Work and Pay*. Harper & Row (2nd edn.). Additional reading will be suggested in the course.

Examination Arrangements: Assessment is based wholly on a three hour examination in the Summer Term. The details of the exam may vary from year to year but there is always a *compulsory* first question which requires the student to give relatively brief comments on each of five or six propositions. This question carries one third of the total marks. The student must also answer two from a set of six or seven other questions.

Ec1453

Theory of Business Decisions

Teacher Responsible: Professor L. P. Foldes, Room S182

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. course unit main fields Maths., Stats., Act. Sci., Man. Sci.; Dip. Econ.

Scope: An introduction to concepts of normative decision theory common to economics, statistics, operational research and related disciplines, with special emphasis on the treatment of risk and uncertainty. Applications to business.

The formulation of problems is mathematical, but the course emphasises conceptual aspects rather than proofs of theorems or computational methods.

Syllabus: A selection will be made from the following topics: Mathematical programming, including shadow prices and their use in schemes of decentralisation. Concepts of probability, including discussion of objective and subjective interpretations. Expected utility. Decision rules for problems involving risk, with selected applications e.g. to insurance or investment problems. Random processes, information structures, trees and sequential decisions. Concepts of uncertainty analysis, including Bayes and minimax solutions of games against nature and zero-sum two person games. Organisations considered as games and as teams. Survey of

informal organisation theory.

Pre-Requisites:

(i) Elementary microeconomics – theory of the firm, indifference curves, competitive pricing, welfare.

(ii) Mathematics – elementary set theory and calculus.

(iii) Elementary probability – discrete probability, normal distribution.

In the case of B.Sc. (Econ.) students, experience shows that those with A-level mathematics and **Elementary Statistical Theory** at Part I have an advantage, but the course can be taken successfully by students who do not have these qualifications.

For B.Sc. (Econ.) students, prerequisites in economics do not normally present a problem. For others, A-level or Part I Economics (or equivalent) is essential, and it is helpful if **Economic Principles** or an equivalent course is also taken (concurrently in the case of second-year students).

Teaching Arrangements: 22 one-and-a-half-hour lectures (Ec134) will be given by **Lucien Foldes** in the Michaelmas, Lent and Summer Terms; 18 one-hour classes (Ec134a) will be given by **Lucien Foldes** and **Christine Whitehead**.

Students are expected to write at least two essays during the year. The first is due at the end of the Michaelmas Term, the second in the sixth week of the Lent Term. Students may be asked to report on literature in class.

Reading List: General References: W. Baumol, *Economic Theory and Operations Analysis* (4th edn.), chapters 1–8, 12, 15, 17–19 or corresponding chapters in earlier editions; H. Raiffa, *Decision Analysis – Introductory Lectures on Choices under Uncertainty*; G. Menges, *Economic Decision Making – Basic Concepts and Models*; R. D. Luce & H. Raiffa, *Games and Decisions*, chapters 1–7, 13 and 14. There is no single text recommended for the whole course. The book by Menges, although close in outlook to the lectures, is difficult to read because of inadequacies of translation and inconsistencies in the level of exposition. The book by Raiffa is excellent (though sometimes long-winded) on problems of risk, but does not cover the whole course. Baumol should be read as a general introduction and survey, but taken alone does not go deeply enough into some of the main topics. Luce and Raiffa is excellent and concise but often rather advanced. A more detailed reading list for topics appears below.

Probability Background: K. L. Chung, *Elementary Probability Theory with Stochastic Processes* (omit exercises, hard examples and starred sections, if you want a conceptual rather than technical course); J. G. Kemeny,

A. Schleifer, J. L. Snell & G. L. Thompson, *Finite Mathematics with Business Applications* (2nd edn.), chapter 3.

Detailed Course Outline and Further

References:

I Survey of decision theory and classification of models. Preliminary discussion of certainty problems (see VI below for a list).

II Risk – one person, one period problems without information gathering. Formulation and examples. Introduction to alternative concepts of probability. Assignment of subjective probabilities. Expected utility: theory and critique. Applications – business planning, evaluation of a single risky project, insurance and risk sharing, portfolio selection.

III Uncertainty – framework as under II. Risk versus uncertainty. Randomised decisions. Rules for uncertainty. Admissible and Bayesian decisions. Maximin and zero-sum two person game.

IV Risk and uncertainty with sequences of action and information gathering. Survey of concepts from mathematical probability.

Decision trees and analysis in extensive form. Bayesian learning and the value of information. Reduction to normal form.

Examples of statistical decision procedures.

V Survey of methodological controversies in probability, statistics and decision theory.

Concepts of probability: mathematical, objective and subjective. Bayesian versus 'classical' methods of inference and decision. Risk versus uncertainty again. Practical implications.

VI Survey of optimisation in the case of certainty. Linear and concave programming. Optimal investment with a perfect capital market. Decentralisation through pricing systems, including transfer pricing in the firm. Duality and saddle points in programming, decision theory and games. General remarks on the treatment of time, risk and uncertainty.

VII Multi-person problems – a selection. Teams. Panel of experts. Some problems in game theory – optimality versus equilibrium (dilemma game), coalitions. Aims of the firm. Approaches to conflict resolution in organisations, including models with bounded rationality. Agency theory.

Class Outline: This outline is flexible, particularly as regards order of topics.

*Indicates items which are more advanced mathematically.

1. Introduction to concepts of decision making. Structure of the course; the relationship between lectures and classes; reading, written work.

Reading: H. A. Simon, 'Theories of Decision-making in Economics' (*American Economic Review*, 1959); 'A Behavioral Model of

Rational Choice' (*Quarterly Journal of Economics*, 1955); W. Edwards and A. Tversky (Eds.), *Decision Making*, Section 1, Penguin; W. Baumol, *Economic Theory and Operations Analysis*, chapter 1; M. Alexis and C. Z. Wilson (Eds.), *Organisational Decision Making*, chapter 3.

2. Certainty models 1 – Linear programming: the primal and dual solutions; shadow pricing; economic interpretations of linear and concave programmes; application to decentralisation.

Reading: W. Baumol, chapters 5–8; R. Dorfman, P. A. Samuelson and R. Solow, *Linear Programming and Economic Analysis*, chapters 1–3, 6–8; *G. Menges, *Economic Decision Making – Basic Concepts and Models*, chapter 4; *R. D. Luce & H. Raiffa, *Games and Decisions*, Appendix 5 (best read after later lectures); M. Alexis and C. Z. Wilson, chapter 4.

3. Certainty models 2 – Decision making over time; discounting, net present value and maximisation of utility; perfect and imperfect capital markets.

Reading: J. Hirshleifer, 'On the Theory of Optimal Investment Decision' (*Journal of Political Economy*, 1958); also in Carsberg and Edey; J. R. Gould, 'On Investment Criteria for Mutually Exclusive Projects' (*Economica*, February 1972); L. P. Foldes, 'Imperfect Capital Markets and the Theory of Investment' (*Review of Economic Studies*, 1961).

4. Decision making under risk: one approach, the maximisation of expected value; an example.

Reading: H. Raiffa, *Decision Analysis – Introductory Lectures on Choices under Uncertainty*, chapter 2; W. Baumol, chapter 25; J. Van Dantzig, 'Economic Decisions for Flood Prevention' (*Econometrica*, 1956); also summary and discussion by Gibrat and Allais, *Econometrica*, 1954.

5. Decision making under quasi-risk: an application to investment decisions.

Reading: D. B. Hertz, 'Risk Analysis in Capital Investment' (*Harvard Business Review*, 1964).

6. Decision trees as an approach to decision making; application of Bayes' theorem and value of information.

Reading: H. Raiffa, chapters 1–2; J. F. McGee, 'Decision trees for decision making' and 'How to Use Decision Trees in Capital Investment' (*Harvard Business Review*, 1964); also in M. K. Starr (Ed.), *Management of Production*, Penguin; R. D. Luce and H. Raiffa, chapter 3.

7. Formulation of expected utility: the axioms on von Neumann-Morgenstern utility theory.

Reading: H. Raiffa, chapters 4–5; R. D. Luce & H. Raiffa, chapter 2; *G. Menges, chapter 2; M. Allais & O. Hagen (Eds.), *Expected Utility and the Allais Paradox*, especially the sections 'The Arbitrage between Mathematical Expectation and the Probability of Ruin, and the St. Petersburg Paradox' and 'Appendix C: Selected Findings of the 1952 Experiment'. These are available separately as photocopies.

The text of the 1952 questionnaire and a summary of Allais' theory appear in 'La Psychologie de l'Homme Rationnel devant le Risque – la Théorie et l'Expérience' (*Journal de la Société de Statistique de Paris*, 1953).

8. Expected utility applied to individual decisions: risk aversion and risk loving.

Reading: J. Tobin, 'Liquidity Preference as Behaviour Towards Risk' (*Review of Economic Studies*, 1958); also in Mueller, chapter 13; M. Friedman and L. J. Savage, 'The Utility Analysis of Choices Involving Risk' (*Journal of Political Economy*, 1948); Markowitz, 'The Utility of Wealth' (*Journal of Political Economy*, 1952).

9. Risk pooling and maximisation of expected value by risk averse individuals.

Reading: P. Dasgupta and G. Heal, *Economics and Exhaustible Resources*, chapter 13; H. Raiffa, chapter 8 part 1.

10. Mean-variance analysis and its application to portfolio selection.

Reading: T. E. Copeland & J. F. Weston, *Financial Theory and Corporate Policy*, chapter 16.

11. The concepts of objective and subjective probabilities and their importance for decision approaches. Assignment of subjective probabilities. Conclusions versus decisions.

Reading: H. Raiffa; *G. Menges, chapter 1; H. E. Kyburg and H. E. Smokler, *Studies in Subjective Probability*, Introduction; K. R. Popper, 'The Propensity Interpretation of Probability' (*British Journal for the Philosophy of Science*, 10); L. P. Foldes, 'Uncertainty, Probability and Potential Surprise' (*Economica*, August 1958); D. J. Struik, 'On the Foundations of the Theory of Probabilities' (*Philosophy of Science*, 1, 1937).

12. Decision making under uncertainty: decision criteria in games against nature.

Relation to statistical decision theory.

Reading: R. D. Luce & H. Raiffa, chapter 13; W. Baumol, chapter 19; H. Raiffa; *G. Menges, chapter 6; J. W. Tukey, 'Conclusions vs. Decisions' (*Technometrics*, 1); J. Wolfowitz, 'Bayesian Inference and the Axioms of Consistent Decision' (*Econometrica*, 1962).

13. Games against opponents: two person zero-sums games, prisoner's dilemma.

Reading: R. D. Luce & H. Raiffa, chapters

1-4; A. K. Sen, 'Behaviour and the Concept of Preference' (*Economica*, 1973); A. Rapaport, *Games, Fights and Debates*, Part II; G. Menges, chapter 6; M. Alexis & C. Z. Wilson, chapter 4.

14. Decisions by groups with diverse information; examples: "panels of experts" teams, agency theory.

Reading: H. Raiffa, chapter 8 part 2; J. Marschak, 'Elements for a Theory of Teams' and 'Efficient and Viable Organisational Forms', chapters 21-22 of his collected papers. The material of the latter paper also appears in J. Marschak & R. Radner, *Economic Theory of Teams*, an advanced book which contains a lot of additional material on decisions and teams.

Examination Arrangements: One three-hour essay style paper. Four questions to be answered, usually out of ten or more. These arrangements are subject to change at the discretion of the examiners.

Ec1454

Economic Institutions Compared

Teacher Responsible: Dr. C. D. Scott, Room S380 and Professor P. Wiles, Room S477

Course Intended Primarily for Second year B.Sc.; General Course.

Pre-Requisite: to be at least an Economics minor at home.

Scope: There is an enormous variety of institutions in the modern world, with the most diverse social or historical roots. The course must perforce confine itself to the essence: the enterprise under each system of institutions.

Syllabus: Introductory: Concepts and types of property; inheritance. Profit, and other types of enterprise and individual motivation. Types of enterprise and maximand, especially; the enterprise in the command economy; planning, (the passage on planning is brief, since it is the subject of another course), wholesale and retail prices in the command economy. The large capitalist corporation; these lectures include "satisfactory" and other muddled motivations. Trade unions. The detribalized peasant. Producers' cooperatives, especially Yugoslav; moshavim. Collective farms in the USSR and Mexico. Communes, especially kibbutzim; these lectures include altruistic motivation.

Planning and banking: banks and inflation, investment finance.

Efficiency comparisons: methods, results.

Left for Classes: the distribution of wealth, the managerial revolution and convergence, institutions and growth, other Communist systems than the USSR and Yugoslavia.

Teaching Arrangements: Lectures: Ec147 **Economic Institutions Compared**, 30 lectures by Dr. Scott and Professor Wiles.

Classes: Ec147a, a sufficient number of classes for each student to present one paper (usually three classes each lasting one term).

Written Work: See classes above.

Reading List: Here is the basic list: M. Bornstein, *Comparative Economic Systems, Models and Cases*; R. L. Carson, *Comparative Economic Systems*; A. Nove, *The Soviet Economic System*; B. Ward, *The Socialist Economy*. A very much longer list of optional readings is circulated.

Examination Arrangements: The normal three-hour, four questions out of thirteen, exam.

Note: It is fair to expect that subjects lectured on will have questions in the examination. There will always be at least two questions on: the Soviet state sector; the Yugoslav socialist sector; collective farms and communes; peasants; convergence and the managerial revolution. Of these five subjects students are advised to read up only four. The particular questions may be about enterprise behaviour, labour behaviour, income distribution, resource allocation, inflation, etc. There will also be miscellaneous other questions.

Ec1500

Problems of Applied Economics

Teacher Responsible: to be decided

Course Intended Primarily for B.Sc. (Econ.)

Part II, special subjects Economics, Analytical and Descriptive; Monetary Economics; Industry and Trade; International Trade and Development; Economic Institutions and Planning; and Diploma in Economics.

Scope: The aim of the course is to demonstrate the application of economic principles to a selection of current issues.

Syllabus: The course is in two parts. The first deals with applied micro-economics. The contents are: methods of applied economics, analysis of consumer demands, labour supply and incentives, unemployment, and the distribution of income. The second part deals with applied macro-economics, and the main topics covered are inflation and unemployment, stabilisation and control, and the open economy.

Pre-Requisites: A knowledge of economic principles of second-year standard. (A

knowledge of economic statistics and techniques would be desirable.)

Teaching Arrangements: There are two parts to the lecture course (Ec112): Ten lectures in the Michaelmas Term and twelve lectures in the Lent/Summer Terms. There are weekly classes throughout the year.

Reading List: There is no textbook covering the entire course and the reading consists mainly of articles and sections of books assigned for each topic. It is hoped to make available at cost price a set of Xeroxed 'key' articles, subject to permission being obtained from the copyright holders. For the section on inflation and unemployment, the textbook by R. Jackman, J. Trevithick & C. Mulvey, *The Economics of Inflation*, covers the relevant material. Books which the student may like to consult in advance for the second part of the course include: J. S. Flemming, *Inflation*; J. Trevithick, *Inflation*; K. A. Chrystal, *Controversies in British Macroeconomics*; F. T. Blackaby (Ed.), *British Economic Policy 1960-74*.

Examination Arrangements: There is a three-hour examination covering the entire course (the paper is not divided into sections). Students are expected to answer four questions.

Ec1506

Advanced Economic Analysis

Teacher Responsible: Dr. J. Sutton, Room S278

Course Intended Primarily for B.Sc. (Econ.) 3rd year.

Scope: The purpose of this series of lectures is to introduce students to an area which has been attracting a great deal of interest over the past decade: Markets with Imperfect Information. The reason for this interest is two fold. Firstly, markets with imperfect information are all pervasive in the real world, and therefore of interest in their own right. Secondly, the study of such markets is now generally seen to be fundamental to one of the central problems of economic theory - the provision of satisfactory microfoundations for macroeconomics.

Syllabus: I. Markets with Imperfect Information. Search Theory. Quasicompetitive Models. Market Breakdown. Signalling Equilibria.

II. Microfoundations of Unemployment Equilibrium. Wage Inflexibility: Theories and Implications. The Barro-Grossman Model. The Malinvaud Model.

III. Alternative views of the Inflation-Unemployment Trade-off. Tobin and Friedman.

IV. Rational Expectations in Macroeconomics.

V. Further topics.

VI. An Introduction to Capital Theory.

Pre-Requisites: Economic Principles, Basic Mathematics for Economists, Basic Statistics.

Teaching Arrangements: There is a single lecture course, Ec131. There will be two lectures a week in the Michaelmas Term; the first fifteen are by Mr. J. H. Moore and cover topics I-III. The remaining five lectures, by Dr. C. Dougherty, deal with topic VI. There will be one lecture a week in the Lent Term by Mr. R. Repullo Labrador on topics IV and V. There will be one class (Ec131a) each week throughout the first two terms.

Reading List: There is no suitable textbook. Instead, the course is built round a small number of readings, mostly articles. The key references are: G. Stigler, 'The Economics of Information' (*Journal of Political Economy*, 1961); D. de Meza & M. Osborne, *Problems of Price Theory*, ch. 13; George A. Akerlof, 'The Market for Lemons: Quality Uncertainty and Market Mechanism' (*Quarterly Journal of Economics*, 1970); M. Spence, 'Job Market Signalling' (*Quarterly Journal of Economics*, 1973); E. Malinvaud, *The Theory of Unemployment Reconsidered*, ch. 3; R. J. Barro & H. I. Grossman, 'A General Disequilibrium Model of Income and Employment' (*American Economic Review*, 1971); M. Friedman, 'The Role of Monetary Policy' (*American Economic Review*, 1968); J. Tobin, 'Inflation and Unemployment' (*American Economic Review*, 1972); C. R. S. Dougherty, *Interest and Profit*, chs. 1-3, 7 and 8; C. Pissarides, *Labour Market Adjustment*.

Examination Arrangements: There is a single three-hour examination in the Summer Term. The paper is undivided and students are required to answer four questions from about twelve.

Ec1507

Public Finance

Teacher Responsible: Professor A. B. Atkinson, Room R407

Course Intended Primarily for B.Sc. (Econ.) 3rd year.

Scope: A course on theoretical and applied public finance.

Syllabus: (more details in class topics)

The role of the state. The principles behind the allocation of functions between the private and the public sector; the theory of public goods and related topics. Analysis of the allocative and distributional effects of taxes

on income, output, value added and wealth. Public debt and its burden. Design of social security and problems of reform. The main institutional references will be to the U.K. but some attention will also be given to other countries, especially the U.S.A.

A number of current issues in public sector economics will be discussed from the following: the objectives of income redistribution, public choice and the efficiency of government, and systems of preference revelation for public goods.

Pre-Requisites: Knowledge up to second year economic principles level.

Teaching Arrangements:

Lectures: Ec137 **The Economics of Public Finance** (Professor Atkinson) 20 lectures Michaelmas and Lent Terms.

Ec138 **Current Issues in Public Finance** (Dr. Le Grand), 5 lectures, Michaelmas Term.

Classes: Ec137(a) 20 classes, Michaelmas/Lent Terms involving written work.

Reading List: Central Office of Information, *The British System of Taxation*; J. A. Kay & M. A. King, *The British Tax System* (3rd edn.); A. R. Prest & N. A. Barr, *Public Finance in Theory and Practice* (6th edn.); R. A. Musgrave & P. B. Musgrave, *Public Finance in Theory and Practice* (3rd edn.); A. S. Blinder & R. M. Solow, *The Economics of Public Finance*.

Supplementary Reading List: J. E. Meade & others, *The Structure and Reform of Direct Taxation*; R. A. Musgrave, *The Theory of Public Finance*; N. Kaldor, *An Expenditure Tax*; H. J. Aaron & J. Pechman (Eds.), *How Taxes Affect Economic Behaviour*; A. B. Atkinson & J. E. Stiglitz, *Lectures in Public Economics*; P. M. Jackson, *The Political Economy of Bureaucracy*.

Examination Arrangements: One 3 hour paper.

Ec1513

Principles of Monetary Economics

Teacher Responsible: R. A. Jackman, Room S376

Course Intended Primarily for B.Sc. (Econ.) 3rd year, special subject Monetary Economics; also available to other 3rd year B.Sc. (Econ.) students and for the Diploma in Economics.

Scope: The course provides an introduction to monetary theory, to the effects of monetary variables on the macroeconomic system and to the theory of balance of payments adjustment.

Syllabus:

Monetary Theory: the nature and function of

money. The banking system and financial intermediation. Classical monetary theory and the Keynesian revolution. Modern theories of the demand for money. The control of the money supply, the transmission mechanism of monetary policy and the impact of money on economic activity. The monetarist counter-revolution: neutrality, inflation and rational expectations. The theory of monetary policy. International Monetary Theory: the concept of the balance of payments. The monetary approach, and the balance of payments adjustment under fixed and flexible exchange rates. International capital mobility and stabilisation policy.

Pre-Requisites: Students are expected to be familiar with intermediate economic theory.

(For example, in macroeconomics, they should be familiar with a text at the level of R. Dornbusch & S. Fischer, *Macroeconomics*.)

A knowledge of elementary mathematical techniques used in economics is also expected.

Teaching Arrangements: There are two lecture courses.

Ec139 **Principles of Monetary Economics**, 30 lectures Michaelmas and Lent Terms. Additionally there are 18 classes (Ec139a), starting in the sixth week of the Michaelmas Term, continuing up to the third week of the Summer Term.

Written Work: Students should expect to write three essays during the course, to be handed in to, and marked by, their class teacher.

Setting essay topics is the responsibility of class teachers, although a list of suggested topics will be distributed in the lectures. Exercises may also be set. Students may write additional essays for their tutors.

Reading List: Monetary Theory: The only comprehensive textbook for the course is: C. A. E. Goodhart, *Money, Information and Uncertainty*. However, this book is quite difficult in places, and students may find it more helpful to study D. Laidler, *The Demand for Money* (2nd edn.) and M. J. Artis & M. K. Lewis, *Monetary Control in the United Kingdom*.

The following may also be helpful, particularly for General Course students: D. Wrightsman, *An Introduction to Monetary Theory and Policy* (2nd edn.).

International Monetary Theory: R. Dornbusch, *Open Economy Macroeconomics*; R. Mundell, *International Economics*.

Examination Arrangements: There will be one three-hour written paper. In the past the paper has contained fourteen questions of which four are to be attempted.

Ec1514

Monetary Systems

Teacher Responsible: Mr. R. F. G. Alford, Room S378

Course Intended Primarily for B.Sc. (Econ.) Part II and Dip. Econ.

Scope: Most of the course is concerned with the British monetary system: the development and current role of the main groups of banks and money markets; bank behaviour, banking problems and bank supervision; British monetary policy, its problems and development over recent years and its future prospects. Some attention will be given to international monetary experience and the role of international monetary institutions.

Pre-Requisites: This is a third year course for students taking the B.Sc. (Econ.) and they will have taken the second year economics course **Economic Principles or Principles of Economics Treated Mathematically**. Other students should have taken two years of economics at university level.

Teaching Arrangements:

Lectures: Ec141 **The British Monetary System**, (20 lectures, Mr. Alford, Michaelmas Term)

Classes: Ec141(a) (15 classes, Mr. Alford, Michaelmas and Lent Terms.)

Ec142 **Monetary Systems Seminar** 10 seminars of 1½ hours duration, Michaelmas and Lent Terms.

Written Work: Written work will consist of class papers which will be set by the class teacher.

Reading List: suitable preliminary reading would be: A. D. Crockett, *Money* (2nd edn.); M. J. Artis & M. K. Lewis, *Monetary Control in the UK*.

A more detailed reading list will be given out during the course.

Examination Arrangements: There is a three-hour examination in the Summer Term. The paper normally contains about 14 questions, and candidates have to answer four questions.

Ec1520

International Economics

Teacher Responsible: Mr. Max Steuer, Room S183

Course Intended Primarily for B.Sc. (Econ.) Part II: Dip. Econ.

Scope: The aim of this course is to introduce the student to international trade theory and international monetary economics.

Syllabus:

International Trade Theory: This part of the course strives to explain the pattern of trade

observed in the world and to account for the prices at which goods are traded. Positive and normative aspects of international markets are examined. Use is made of the theory of comparative advantage and of rival theories of international trade. Relations between trade and domestic markets for both goods and factors are examined in terms of the theory of trade according to factor endowments.

The course studies the effects of tariffs on international trade, and also other means of influencing the international flow of goods. Among the other means are quotas, subsidies and agreements between governments. Concepts such as the optimum tariff and the effective rate of protection are examined. Economic integration between countries is studied, particularly the effects of customs unions.

Commodity schemes are examined from the point of view of stabilization of price and output, and as means of generating revenue.

The role of direct foreign investment in international transactions is examined.

Particular attention is paid to the effects of multinational firms on host countries.

A variety of other topics are discussed including the economics of illegal transactions in international trade, especially smuggling. And attention is given to such puzzles as intra-industry trade where countries appear to be exporting and importing the same product.

International Monetary Economics: Balance-of-Payments Definitions: Discusses the components as well as overall measures of the balance-of-payments.

Adjustment Theory: The question of the existence of an automatic mechanism in the international economy which brings about balance-of-payments equilibrium for each of the constituent economies is treated under this heading. Obstacles to the smooth functioning of such a mechanism are also considered. Devaluation: The conditions under which a devaluation will improve the balance-of-payments and the effect of such a policy on the various macroeconomic variables are discussed.

Flexible Exchange Rates: The determination of exchange rates, the theoretical arguments for and against flexible exchange rates in comparison with fixed rates, and the practical success of flexible exchange rates over the period of floating are the issues dealt with under this topic.

Stabilization Policy: Here the efficacy of fiscal and monetary policies in determining levels of income and employment under both fixed and flexible exchange rates is discussed.

The International Monetary System: This section covers the history and development of

the international monetary system since the Second World War.

Pre-Requisites: Students are assumed to have taken the equivalent of the undergraduate course **Economic Principles**. The lectures involve little mathematics, although use is made of geometry.

Teaching Arrangements: Lectures: Ec145 **International Economics**. One hour a week during the Michaelmas and Lent Terms for a total of twenty hours.

Classes: Ec145a, one hour a week, beginning approximately in the second week of the Michaelmas Term and continuing until just after the beginning of the Summer Term for a total of twenty hours. Ec145b, six hours of revision classes given during the Summer Term by the lecturers.

Reading List: There are a number of text books which are suitable. A selection is: B. Sodersten, *International Economics*, Macmillan, 1980; R. E. Caves & R. W. Jones, *World Trade and Payments* (3rd edn.), Little Brown, 1981; C. P. Kindleberger & C. M. Lindhert, *International Economics* (7th edn.), Irwin, 1982; R. H. Heller, *International Trade: Theory and Empirical Evidence* (2nd edn.), Prentice-Hall, 1983; H. G. Johnson, *International Trade and Economic Growth*, Harvard, 1961; W. M. Corden, *The Theory of Protection*, Oxford, 1971; H. G. Grubel, *International Economics*, Irwin, 1977; B. Hindley, *Theory of International Trade*, Weidenfeld & Nicolson, 1974; A.E.A., edited by R. E. Caves & H. G. Johnson, *Readings in International Economics*, Allen & Unwin, 1968. Other readings will be given during the course.

Ec1521

Economic Development

Teacher Responsible: Dr. C. D. Scott, Room S380

Course Intended Primarily for B.Sc. (Econ.), Diploma in Economics.

Scope: The aim of the course is to give a general analytical introduction to the economics of the underdeveloped countries and their problems of economic development.

Syllabus:

(1) Concepts and theories concerning the nature of underdevelopment and development; statistical background relating to the broad patterns of economic growth and changes in economic structure; savings and capital output ratios; aggregate production functions; and income distribution.

(2) Problems of domestic economic

organisation; characteristics of factor and product markets; economic dualism; problems of production; marketing and technological change in the agricultural sector.

(3) External aspects of economic development: the relationship between international trade theory and the practical external economic problems of the less developed countries; protection and domestic industrialisation; export problems of primary products and manufactures; problems of foreign investment; international aid and the reform of the international economic order.

Pre-Requisites: A 3rd year Course. Students must have completed the course on **Economic Principles** or possess equivalent knowledge of modern economic analysis.

Teaching Arrangements: Ec146. 20 lectures Michaelmas and Lent Terms, 20 classes (Ec146a) Michaelmas and 5 revision classes (Ec146b) Summer Term.

Reading List: No one book covers the entire syllabus. Students may use a brief introduction by H. Myint, *The Economics of Developing Countries*, Hutchinson, 1980, in conjunction with either of the following larger books: I. M. D. Little, *Economic Development Theory, Policy and International Relations*, A Twentieth Century Book, 1982; G. M. Meier, *Leading Issues in Economic Development*, Oxford University Press, 1976; M. P. Todaro, *Economic Development in the Third World* (2nd edn.), Longmans, 1982.

They should also consult the annual *World Development Reports* of the World Bank. In addition, a longer reading list will be provided with essay topics for the classes.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term, based on the full syllabus of the lectures and tutorial classes. Students will normally be required to answer four questions out of a wide range of topics.

Ec1527

Planning

Teacher Responsible: Professor P. J. D. Wiles, Room S477

Course Intended Primarily for Final Year B.Sc. (Econ.) and Diploma in Economics.

Scope: The course covers the institutions, theory, techniques and actual practice of macroeconomic planning, all these in reference to (mainly) centrally planned economies, also France and some less developed countries.

Syllabus: The history of ideas and practice of macroeconomic planning. The aims, institutions and instruments of command-type and indicative planning. Mathematical methods of plan preparation at the enterprise and national levels. The role of bargaining. Implementation problems. Planning under market socialism: the theory and experiments.

Pre-Requisites: The course is self-contained. Students find it helpful however to have the equivalent of an A level in Mathematics or have completed an introductory course in that subject at university.

Teaching Arrangements: The course is divided into two parts. Part A deals mainly with historical, institutional and implementation aspects, while emphasis in Part B is on simple quantitative methods.

Lectures (Ec148):

Part A: 15 lectures Michaelmas Term.

Lecturer - **Professor P. Wiles.**

Part B: 20 lectures Lent Term.

Classes (Ec148a): 15 one-hour meetings, 5 in the Michaelmas Term and 10 in the Lent Term.

Written Work: There will be common weekly or bi-weekly problem sets or essay-type questions. These will be marked and discussed by the class teacher.

Reading List: Part A: B. Gross (Ed.), *Action under Planning*; P. Wiles, *The Political Economy of Communism*; M. Ellman, *Soviet Planning Today*. Part B: C. Blitzer et al., *Economy-wide Models and Development Planning*; M. Cave & P. Hare, *Alternative Approaches to Economic Planning*; A. Nove & M. Nuti (Eds.), *Socialist Economics*; M. Ellman, *Socialist Planning*.

Examination Arrangements: The examination is in two sections, corresponding to parts A and B of the course, each containing six questions. Four questions should be answered, at least one from each part. All questions have equal weight.

Ec1540

History of Economic Thought

Teacher Responsible: Dr. M. Perlman, Room S675

Course Intended Primarily for B.Sc. (Economics) and Diploma in Economics.

Scope: The aim of the course is to give a broad survey of history of Economic Thought with special attention to the classical and neo-classical schools, including the monetary controversies.

Syllabus: The Mercantilists, the Physiocrats, and the major writers of classical and neo-

classical schools, such as Cantillon, Hume, Adam Smith, Ricardo, Malthus, John Stuart Mill, Marx, Thornton, Jevons, Walras, Marshall, Fisher and Wicksell.

Pre-Requisites: This is a third year subject and the student must have completed the course on **Economic Principles**, or have equivalent knowledge of modern economic analysis.

Teaching Arrangements: Ec130. 20 lectures Michaelmas and Lent Terms and 20 classes (Ec130a) Michaelmas and Lent Terms and 5 revision classes Summer Term.

The lectures will give a broad survey of the History of Economic Thought from the eighteenth to the early twentieth century. The classes will concentrate on a reading of the texts of major classical writers, particularly Hume, Adam Smith, Ricardo, Mill, Thornton and some of the neo-classical economists.

Reading List: Apart from the selected original texts, the following general histories may be consulted: M. Blaug, *Economic Theory in Retrospect* (3rd edn.), Cambridge University Press; D. P. O'Brien, *The Classical Economists*, Oxford University Press; P. Deane, *The Evolution of Economic Ideas*, Cambridge University Press; J. Schumpeter, *The History of Economic Analysis*; J. Viner, *Studies in the Theory of International Trade*; L. Robbins, *The Theory of Economic Policy in English Classical Political Economy*; T. W. Hutchinson, *Review of Economic Doctrines*; J. J. Spengler & W. R. Allen (Eds.), *Essays in Economic Theory*; G. S. L. Tucker, *Progress and Profit in British Economic Theory*; J. R. Hicks, *Critical Essays in Monetary Theory*; G. Stigler, *Production and Distribution Theories*.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term based on the full syllabus covered by the lectures and classes. Students are required to answer four questions out of a wide range of choices covering the syllabus.

Ec1541

Selected Topics in the Economics of Industry and Trade

Teacher Responsible: Dr. C. M. E. Whitehead Room S174

Course Intended Primarily for B.Sc. (Econ.) Part II, Industry and Trade group.

Scope and Syllabus: The topics selected differ from one year to another. Topics in recent years have included: cartel behaviour; franchising; futures trading; nationalised industries; multi-national enterprises; transfer

pricing; fisheries; monopoly, competition and product variety and quality; and licensing of economic activities. New topics are introduced each year.

Pre-Requisites: Students should have completed the **Economics of Industry** (or equivalent course in the case of General Course students).

Teaching Arrangements: Lectures: Ec133,

Selected Topics in the Economics of Industry and Trade, 25 lectures, Sessional. **D. de Meza, J. R. Gould, C. Whitehead, B. S. Yamey** and others. Students are expected to write essays during the year, and some discussion of each topic will be organized by the lecturer.

Reading List: Suggestions for reading will be given in the lectures.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. Candidates select four questions from at least eight. All questions carry equal marks

Ec1542
Ec2428

Economics of Investment and Finance

Theory of Optimal Decisions (See also Study Guide Ec1453)

Teacher Responsible: Professor L. P. Foldes, Room S182

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. Course unit 2nd and 3rd year; M.Sc. final year.

Teaching Arrangements and Examinations: A single course of lectures and classes, called Ec135 **Economics of Investment and Finance**, may be taken for two distinct examinations, namely **Economics of Investment and Finance** at the B.Sc. and **Theory of Optimal Decisions** at the M.Sc. The B.Sc. examination usually takes place some weeks earlier, so that B.Sc. students usually leave the course early in the Summer Term whereas M.Sc. students follow the course to the end. Otherwise the syllabus is the same. In each case the examination is a single three-hour paper, though in the past the B.Sc. paper has called for answers to four questions whereas the M.Sc. paper has called for three, with plenty of choice in each case. Answers are usually required in the form of essays but in some cases these involve mathematics. Details vary from year to year

and are subject to change at the discretion of the examiners.

Lectures and Classes: Lucien Foldes, Sessional; three hours each week (Ec135) including a class (Ec135a).

Scope: An introduction to problems of risk in investment. The emphasis of the course is on probabilistic methods in both theory and applications.

Syllabus: 1. *General Syllabus:* A selection from the following topics: Formulation of problems of intertemporal choice and concepts of income, capital and interest. Optimal policies for accumulation, depletion and replacement of assets. Appraisal and control of projects. Treatment of risk in the theory of value and capital. Spot and forward markets, sure and contingent contracts. Selection of risky assets, including risk pooling, diversification and insurance. Portfolio selection and pricing in the case of quoted securities. Speculative prices as random processes. The cost of corporate capital, including the effects of dividend policy, gearing, taxation and inflation. Comparison between private and public investment appraisal. 2. *Possible Topics for 1984-85:* Optimal policies for accumulation and depletion in conditions of risk. Portfolio selection and pricing of quoted securities: single-period and multi-period models. Concepts of equilibrium and efficiency for security markets. Speculative prices as random processes. Treatment of risk in the theory of value and capital. Contingent contracts. Appraisal of large capital projects in conditions of risk - choice of criteria and methods of calculation. Exploration for mineral deposits. Cost of capital. Sequences of projects and gambler's ruin. Risk pooling, insurance, diversification. Properties of special utility functions and probability distributions used in investment appraisal.

Pre-Requisites: This course was designed to follow Ec134, **Theory of Business Decisions**. In the case of B.Sc. (Econ.) students specialising in Industry and Trade, attendance at lectures and classes in Ec134 in the second year is a formal pre-requisite although students are not required to have taken the examination. Other categories of students should have a background in such topics as expected utility, probability, information purchase and investment appraisal of about the standard of Ec134, and naturally the pre-requisites for that course apply to this one also (see Study Guide Ec1453). Sometimes students who have not previously covered the material of Ec134 manage by attending parts of the lecture course for Ec134 while studying Ec135, but this involves additional work for a course which is in any case demanding. The lectures

for Ec135 have substantial mathematical content, and although all special techniques are explained as part of the course a reasonable degree of familiarity with elementary calculus, set theory and probability is necessary.

Written and Class Work: Students may be asked to report on literature in class. They are encouraged to write a number of short essays in preparation for the examinations. In the case of M.Sc. students choosing Theory of Optimal Decisions as their special subject, the course teacher will normally also act as Tutor. **Reading List:** The course does not follow any single text, but it is useful to read relevant chapters of a standard work to complement the lectures. The first two items on the list below are suitable; most students will prefer the first. The third item is a more elementary text which is useful as an introduction to the subject. The other items are works to which reference may be made during the course or which are suitable as further reading for students wishing to pursue particular topics in depth. Further journal articles will be selected for discussion as the course proceeds.

T. E. Copeland & J. F. Weston, *Financial Theory and Corporate Policy*, Addison-Wesley; E. Fama, *Foundations of Finance*, Blackwell; M. Bromwich, *The Economics of Capital Budgeting*, Penguin; J. Hirshleifer, *Investment, Interest and Capital*, or articles in *JPE*, 1959 and *QJE*, November 1965 and May 1966; L. E. Bussey, *The Economic Analysis of Industrial Projects*, especially chapters 11-12; K. J. Arrow & R. C. Lind, 'Uncertainty and the Evaluation of Public Investment Decisions' (*AER*, June 1970; also Foldes & Rees, 'Note', *AER*, March 1977); M. Allais, 'Method of Appraising Economic Prospects of Mining Exploration over Large Territories - Algerian Sahara Case Study' (*Management Science*, July 1957); (French original in *Revue d'Industrie Minerale*, Special Issue *IR*, January 1956. The original and a corrected version of the published translation are in the library. L. P. Foldes, 'Martingale Conditions for Optimal Saving - Discrete Time' (*Journal of Mathematical Economics*, 1978); W. F. Sharpe, *Portfolio Theory and Capital Markets* or *Investment*; J. Mossin, *Theory of Financial Markets*; P. Dasgupta & G. M. Heal, *Economic Theory and Exhaustible Resources*; P. Masse, *Optimal Investment Decisions*; J. J. Clark, T. J. Hindelang & R. E. Pritchard, *Capital Budgeting: Planning and Control of Capital Expenditure*; C. W. J. Granger, 'Empirical Studies of Capital Markets: A Survey' in Szegö-Shell, *Mathematical Methods in Investment and Finance*, 1972; C. W. J.

Granger & O. Morgenstern, *Predictability of Stock Market Prices*, Heath-Lexington.

Ec1543

Economics of the Welfare State Teacher Responsible: Dr. N. A. Barr, Room S578

Course Intended Primarily for B.Sc. (Econ.), Part II; B.Sc. (Econ.) Part II 2nd or 3rd year; I Economics Analytical and Descriptive 5 & 6 (1)

II Mathematical Economics and Econometrics 7 (1)

III Monetary Economics 6 (j)

IV Industry and Trade 6 & 7 (o)

V International Trade and Development 7 (t)

VI Economic Institutions and Planning 6

Scope: The course uses standard economic theory to analyse the welfare state; what are its objectives; should it exist and if so in what form; how efficient and equitable are existing institutions?

Syllabus: The course investigates economic aspects of the welfare state, interpreted broadly to include social insurance, retirement pensions, non-contributory benefits, health care, education and housing. The objectives of the welfare state are discussed, followed by analysis of instruments at the state's disposal for achieving those objectives. The focus of the course is on the underlying economic principles; institutions are not emphasised though, where appropriate, reference will be made to those of the U.K. and other countries, especially the United States.

Pre-Requisites: **Economic Principles** (Ec111) or an equivalent course in intermediate microeconomic theory.

Teaching Arrangements: There is one lecture course and an accompanying set of classes.

Lectures: Ec144 **The Economics of the Welfare State**, 24 lectures (10 Michaelmas Term, 10 Lent Term, 4 Summer Term)

Classes: Ec144(a) 23 Sessional.

Ec144 The lectures cover the whole of the syllabus described above. The first twelve lectures (**Dr. N. A. Barr, S578**) set out the theoretical approach and analyse the cash side of the welfare state; the last twelve (**Dr. J. Le Grand, S280**) analyse health care, education and housing. There is no single textbook; a course outline and reading list is distributed at the start of the course referring to the readings below.

Ec144(a) There are 23 classes, which are used to amplify the lectures, to deal with any questions arising from them and to discuss

specific issues not covered in detail by the lectures.

Written Work: The class teachers will normally set and mark not fewer than four pieces of written work from each student during the course.

Reading List: There is no textbook; reference will be made, *inter alia*, to the following: A. J. Culyer, *The Political Economy of Social Policy*, Martin Robertson, 1980; A. R. Prest & N. A. Barr, *Public Finance in Theory and Practice*, Weidenfeld & Nicolson, 1979; L. D. McClements, *The Economics of Social Security*, Heinemann, 1978; J. G. Cullis & P. A. West, *The Economics of Health*, Martin Robertson, 1979; M. Blaug, *An Introduction to the Economics of Education*, Penguin, 1970; R. V. F. Robinson, *Housing Economics and Public Policy*, Macmillan, 1979.

Examination Arrangements: There is a three hour formal examination in the Summer Term based on the full syllabus. Students are required to answer four questions out of about ten. The assessment for the course is based entirely on the examination result.

Ec1544

Economics and Geography of Transport

Teacher Responsible: Dr. K. R. Sealy, Room S564.

Course Intended Primarily for 2nd or 3rd year students taking c.u. Degrees or the B.Sc. (Econ.) and for graduate students taking a transport option. It is an inter-disciplinary, inter-collegiate course.

Scope: The application of economic and geographical principles to problems in transport, with particular reference to road and air transport and to planning problems. It is NOT a universal course covering all modes and aspects of transport activities in great detail.

Syllabus: Section I covers both transport economics taught by Professor Foster, and urban transport taught by Dr. Sealy.

Transport economics includes an introduction to the economics of road and rail, cost benefit analysis and pricing problems. The urban transport course deals with the economics and geography of the urban problem in a planning context. Section II deals with air transport and covers aircraft characteristics, airlines and airports and is the responsibility of Dr. Sealy. Students may take Course Ec150, **Transport Economics Treated Mathematically** taught by Dr. Glaister, in place of Section II. Graduates choose courses to suit their particular requirements.

Pre-Requisites: Some knowledge of economics is advisable (e.g. Course Ec101). Students without any formal training in Economics should consult Dr. Sealy before embarking on the course.

Teaching Arrangements: Undergraduates take Section I and EITHER Section II OR Course Ec150. In either case this will mean a total of 25 lectures. In addition there are 10 classes. Lectures: Section I: Professor Foster will give 10 Economics lectures (Ec149; Ec232) in the Michaelmas Term. Dr. Sealy will give 10 **Urban Transport** lectures (Ec149) in the Michaelmas Term.

Section II: Dr. Sealy will give 10 **Air Transport** lectures (Ec149) in the Lent Term. Course Ec150: Dr. Glaister will give 10 lectures, **Transport Economics Treated Mathematically** in the Lent Term.

Classes for all sections (Ec149a) will be given in the Michaelmas and Lent Terms.

Reading List: In a course like this there cannot be a single set book. Basic reading for Sections I and II are given; see Ec150 for Dr. Glaister's course.

Urban Transport: J. M. Thomson, *Great Cities and their Traffic*, Penguin, 1974; I. S. Jones, *Urban Transport Appraisal*, Macmillan, 1977 or J. Black, *Urban Transport Planning*, Croom Helm, 1981.

Air Transport: N. K. Taneja, *The Commercial Airline Industry*, Gower, 1976; A. H. Stratford, *Air Transport Economics in the Supersonic Era* (2nd edn.), Macmillan 1973; S. Shaw, *Air Transport: A Marketing Perspective*, Pitman, 1981; K. R. Sealy, *Airport Strategy and Planning*, Oxford University Press, 1976; R. de Neufville, *Airport Systems Planning*, 1976.

Examination Arrangements: There is a formal three-hour written examination divided into the three sections noted above.

Section I – **General Economics and Urban Transport**

Section II – **Transport Economics Treated Mathematically** (Course Ec150)

Section III – **Air Transport**.

There are usually five questions in each section. Students are asked to answer at least ONE from Section I and the remaining three from any section of the paper (including the remaining questions in Section I). Normally, therefore, a student taking Sections I and II in the course would answer from Sections I and II in the examination paper. Graduates usually sit a separate paper suited to their own course.

Ec1561

Principles of Econometrics

Teacher Responsible: Mr. S. E. Pudney, Room S283

Course Intended Primarily for B.Sc. Economics I Economics, Analytical & Descriptive 7(b) II Mathematical Economics & Econometrics 2(a)

III Monetary Economics 7(b)

IV Industry & Trade 3(b)

V International Trade & Development 6(b)

VI Economic Institutions & Planning 7(b)

XIX Economics & Economic History 2(b)

XXVI Mathematics & Economics 4(d)

Diploma in Statistics (g) (ii)

Diploma in Economics 2, 3, 4.(b) (iv)

Scope: The course is an intermediate-level introduction to the theory and practice of Econometrics.

Syllabus: Statistical background: continuous distributions, sampling theory, estimation, hypothesis testing, asymptotic theory.

The Linear Model: multiple regression, t- and F-tests, dummy variables, multicollinearity, general linear restrictions, dynamic models. Misspecification in the regression model: omitted variables, measurement errors, heteroscedasticity, serial correlation, simultaneity.

Alternatives to regression: generalized least squares, instrumental variables, identification, two-stage least squares.

Pre-Requisites: A knowledge of linear algebra and calculus (e.g. previous attendance at **Elementary Mathematical Methods**); a knowledge of basic statistical theory (**Elementary Statistical Theory** a requirement). Although the course does involve some computing, no previous experience is required.

Teaching Arrangements: One lecture course (Ec115) (20 Michaelmas Term, 20 Lent Term) plus 23 weekly classes (Ec115a).

Reading List: The most useful texts are: J. Johnston, *Econometric Methods*, McGraw-Hill; J. Kmenta, *Elements of Econometrics*, Macmillan; M. Stewart & K. Wallis, *Introductory Econometrics*, Blackwell, although none is completely sufficient. Other useful references are: P. Rao & R. Miller, *Applied Econometrics*, Wadsworth; H. Theil, *Principles of Econometrics*, North-Holland.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus. The paper contains eleven questions, of which four are to be answered.

Ec1569

Quantitative Economics Project

(A project of up to 10,000 words on an approved subject in Quantitative Economics)

Teachers Responsible: Professor M. J. Desai, Room S87 and Mr. J. J. Thomas, Room S579

Course Intended Primarily for B.Sc. (Econ.) 3rd year students specialising mainly in Econometrics and Mathematical Economics but also in other Economic options.

Scope: This seminar (Ec124) is designed to encourage independent research work and to encourage the student to take an overall view of the different specialised areas in Economics.

Pre-Requisites: Students must have taken **Principles of Econometrics** in the 2nd year.

Teaching Arrangements: The course meets twice weekly in the Lent Term for one hour. Students are expected to be pursuing research on a subject of their own choice under the supervision of a member of staff. In the seminar each student will present a preliminary outline of the results of the project for comments by fellow students and teachers.

A completed project will be required to be submitted by 1 May in the year in which the course is taken.

Examination Arrangements: There is no written examination in this paper. The project carries all the marks.

Ec1570

Mathematical Economics

Teacher Responsible: Dr. D. Gale, Room S586

Course Intended Primarily for B.Sc. (Econ.) in the special subjects XXVI Mathematics and Economics (paper 5) and II Econometrics and Mathematical Economics (paper 7r), for B.Sc. course unit degrees and for students in the preliminary year of the M.Sc. in Econometrics and Mathematical Economics.

Scope: The aim of the course is to cover all the major areas of microeconomic and macroeconomic principles at an advanced level.

Syllabus: Consumer and producer theory: preferences, production sets, duality, comparative statics. Equilibrium: description of general economic equilibrium, efficiency of equilibrium, programming theory and applications to welfare economics. Economics of uncertainty: expected utility maximization and portfolio choice theory. "Neoclassical synthesis": structure and comparative static

properties of traditional macroeconomic models. Disequilibrium theory: rationing, fix-price models, effectiveness of economic policy in the long run and short run. Rational expectations: the Lucas-Sargent proposition, information revealed by prices, noisy monetary policies and the Phillips curve, aspects of the new classical macroeconomics, the investment function under uncertainty. Other topics in macroeconomics: wealth effects, non-Ricardian theorem, liquidity constraints.

Pre-Requisites: Students should have a solid grounding in differential calculus and sufficient knowledge of linear algebra to deal with matrices and finite dimensional vector spaces. An acquaintance with the definitions and elementary results of the theory of convex sets would be helpful but is not essential.

Teaching Arrangements: The course is taught by lectures (Ec114) and classes (Ec114a). Students will have one hour of teaching per week on microeconomics and one hour on macroeconomics. These meetings are devoted to classes or lectures as appropriate. Students will be given regular exercises which must be prepared in advance of the classes at which they are discussed. They may be asked to submit their answers in written form for marking and should be prepared to do so at each class.

Reading List: The basic texts for the course are: A. Takayama, *Mathematical Economics*; T. Sargent, *Macroeconomic Theory*. These will be supplemented by lecture notes and by occasional references to journal articles and other texts.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term, covering the entire syllabus. The entire assessment for this paper depends on the student's performance in the examination. The examination paper is divided into two parts, one on microeconomics and one on macroeconomics. Each part contains five questions and candidates must answer two questions from each part. These questions may require a combination of formal analysis and an essay-style answer. Candidates are given no credit for answering more than the required number of questions from any part. Incomplete answers will be penalized.

Ec1575

Econometric Theory

Teacher Responsible: Mr. A. C. Harvey, Room S218a (Secretary, Mary Cahill, S206)

Course Intended Primarily for B.Sc. (Economics, Mathematical Economics and Econometrics), M.Sc. (Economics), Preliminary year for M.Sc. (Econometrics and Mathematical Economics), Diploma in Econometrics.

Scope: An introduction to the statistical methods used for estimating and specifying econometric models.

Syllabus: The general linear model; principles of estimation and testing; maximum likelihood; model specification; dynamic models; simultaneous equation systems.

Pre-Requisites: A knowledge of linear algebra, calculus and statistical theory. Students should have taken the course **Probability, Distribution Theory, and Inference** (SM206 and SM207) or its equivalent.

Teaching Arrangements: There is a lecture course, accompanied by a class. SM231 10 lectures in the Michaelmas Term on the general linear model. SM232 40 lectures and classes (SM232a) in the Michaelmas and Lent Terms on the remaining topics.

Reading List: The main text is A. C. Harvey, *The Econometric Analysis of Time Series*, Philip Allan, 1981.

Students may also wish to consult: H. Theil, *Principles of Econometrics*; J. Johnston, *Econometric Methods*; G. S. Maddala, *Econometrics*; P. C. B. Phillips & M. R. Wickens, *Exercises in Econometrics*.

Examination Arrangements: There is a three hour examination in the Summer Term based on the full syllabus for both lecture courses. The paper contains ten questions, of which four are to be answered.

Ec1579

Topics in Quantitative Economics

Teacher Responsible: Professor M. J. Desai, Room S87

Course Intended Primarily for B.Sc. (Econ.) 3rd year Mathematical Economics and Econometrics; Statistics, Analytical and Descriptive.

Pre-Requisites: **Principles of Econometrics; Economic Principles** or **PETM**.

Scope: The purpose of this course is to give students a comprehensive grounding in

theoretical and econometric models currently in use in microeconomics and macroeconomics with a view to tackling economic problems.

Syllabus: This course comprises four sets of ten lectures (Ec117-120) each on: (i) **Microfoundations of Macroeconomics** (Mr. J. H. Moore); (ii) **Econometrics of Individual Behaviour** (Mr. S. E. Pudney); (iii) **Cost Benefit Analysis** (Dr. S. Glaister); (iv) **Econometric Topics in Macroeconomics** (Mr. J. J. Thomas). Students are expected to take at least three out of these four topics. The examination is by a written paper which is designed to test students' ability to answer questions arising from at least three out of four topics (usually four questions from any three sections).

There are twenty classes in the course giving five classes on each topic which will be taught during 1984-85 by the lecturers.

Teaching Arrangements: Michaelmas and Lent Terms, 40 lectures and 20 classes.

Microfoundations of Macroeconomics: This course will deal with recent developments in search theory and theory of labour market behaviour. It will also deal with macroeconomic models of fix price equilibrium associated with Barro-Grossman, Malinvaud. The microfoundations of Phillips curve and the alternative theories of classical macroeconomics (the Natural Rate Hypothesis/Rational Expectations) and of Keynesian Economics (Tobin) will be developed.

Reading List: E. Malinvaud, *The Theory of Unemployment Reconsidered*; J. Tobin, 'Inflation and Unemployment' (*American Economic Review*, 1972); M. Friedman, 'The Role of Monetary Policy' (*American Economic Review*, 1968).

Econometrics of Individual Behaviour: The need to combine sound economic theory with appropriate statistical techniques is central to the practice of econometrics. Topics will be taken from available examples in the published literature to illustrate this. Topics will comprise Demand Analysis, Production Function Studies, Labour Market Behaviour, Investment Studies, and Form Behaviour.

Reading List: M. Desai, *Applied Econometrics*, Philip Allan, 1976. Additional reading list will be provided with the lecture course.

Cost Benefit Analysis: This course will outline the theoretical foundations of applied welfare economics and deal with case studies of actual application of CBA in areas such as valuation of time and life, choice of transport modes, project appraisal.

Reading List: R. Layard, *Cost Benefit Analysis*, Penguin.

Econometric Topics in Macroeconomics: This course will deal with the manner in which macroeconomic theory has thrown up themes for economic testing. Topics such as inflation, unemployment, monetarist models, rational expectations and the natural rate hypotheses will be treated.

Reading List: M. Desai, *Testing Monetarism*; R. Jackman, A. Trevithick & C. Mulvey, *The Economics of Inflation*.

Examination Arrangements: Three hour written paper which will cover all four sections of the course and students are expected to answer three out of four questions.

Ec2402

Ec2403

Macroeconomics I Macroeconomics II

These Study Guides were not available at the time of going to press. Further information from the teachers

Dr. C. R. Bean, Room S480 and
Dr. C. A. Pissarides, Room S584.

Ec2404

Microeconomics I

Teachers Responsible: Dr. J. Sutton, Room S380.

Course Intended Primarily for Final year M.Sc. Economics.

Scope: The aim of the course is to develop the basic tools for analysing problems of resource allocation used by economists working in research, government and business. The course deals with positive and normative problems. It aims to include modern developments without being overly mathematical, and to develop a capacity to apply economic concepts to real-world problems. The coverage of this course is not as wide as **Microeconomics II** and the technical requirements are lower. The depth of the analysis is, however, at an equivalent level.

Pre-Requisites: Undergraduate economics major or equivalent. A knowledge of multivariate calculus is assumed.

Syllabus: There are four broad headings. *Consumer Theory*: as well as the standard material this will include such topics as labour supply and incentives, first and second best, efficient pricing policy, intertemporal allocation, uncertainty. *The Competitive Firm*: as well as standard material this will cover the objectives of the firm, cost and profit

functions, uncertainty, investment. *Imperfect Competition*: this will include monopoly, oligopoly, product differentiation, imperfect information, and a range of applications. *General Equilibrium, Trade and Welfare*: the two sector model of general equilibrium, the Heckscher-Ohlin paradigm, monopolistic competition and international trade. Since this is a new course, the fine details are not yet settled and other topics may be included. Students will be given the opportunity to express their view concerning course content.

Teaching Arrangements: The basic course consists of 40 hours of lectures (Ec212) in the Michaelmas and Lent Terms. There will be 24 weekly 1-hour classes (Ec212a) in smallish groups.

Written Work: Exercises are set for each class but only 3 of these will be taken in and marked.

Reading List: The course will draw on a variety of texts, the main ones being: H. R. Varian, *Microeconomic Analysis* (2nd edn.), Norton; P. R. G. Layard & A. A. Walters, *Microeconomic Theory*, McGraw-Hill; H. Gravelle & R. Rees, *Microeconomics*, Longman; A. B. Atkinson & J. E. Stiglitz, *Lectures in Public Economics*, McGraw-Hill; A. Deaton & J. Muellbauer, *Economics and Consumer Behaviour*, Cambridge University Press.

More detailed readings will be given at the beginning of the course and some notes will be provided where text book coverage is inadequate.

Examination Arrangements: A 3-hour exam. Half the marks given for 10 short compulsory questions, and half for 2 other questions (chosen from about 6). The exam will be drawn roughly equally from both terms' material.

Ec2405

Microeconomics II

Teachers Responsible: Professor A. B. Atkinson (Co-ordinator), Room R407 (Secretary, Ms. Jane Dickson, R411).

Professor M. Morishima, Room R410 (Secretary, Mrs. P. Hutton, R409).

Professor O. D. Hart, Room S478

Course Intended Primarily for: Final year M.Sc.

Scope: The aim of the course is to provide a firm grounding in micro-economic theory. It will emphasise those areas which are of particular value in fields such as labour economics, public economics, international trade and the theory of development. It will

also seek to identify areas where the present theoretical treatment is unsatisfactory and new approaches are needed.

Syllabus: The first part of the course (taught by Professor Atkinson) will deal with the micro-economics of the household (including consumption and labour supply) and of the firm. It will cover general equilibrium and welfare economics. The second part of the course (taught by Professor Morishima) will deal more broadly with general equilibrium theory. After reviewing the theory in a historical perspective, it will critically examine the relevance of the assumptions and "theorems" of the theory. Its empirical applications and possible amendments will also be discussed. The third part of the course (taught by Dr. Sutton) will deal with imperfect competition, uncertainty and information.

Pre-Requisites: Good undergraduate knowledge of economic theory. Calculus required.

Teaching Arrangements: The basic course consists of 20 two-hour lectures (Ec213) and 20 one-hour classes (Ec213a) in small groups.

Written Work: Exercises are set for each class, of which 3 will be taken in and marked (Michaelmas Week 5, Lent Week 1 and Lent Week 7). There will in addition be a 1-hour mock exam at the start of the Summer Term.

Examination Arrangements: There is a three-hour examination, based on the material from all parts of the course.

Reading List: *General.* The course will draw on a variety of sources, including the following texts: H. R. Varian, *Microeconomic Analysis* (2nd edn.), Norton; E. Malinvaud, *Lectures on Microeconomic Theory*, North Holland; A. B. Atkinson & J. E. Stiglitz, *Lectures on Public Economics*, McGraw-Hill; H. Gravelle & R. Rees, *Microeconomics*, Longman; A. K. Dixit & V. Norman, *Theory of International Trade*, Nisbet; A. Deaton & J. Muellbauer, *Economics and Consumer Behaviour*, Cambridge University Press.

Outline:

Part I (Professor Atkinson)

1. Theory of Household Demand: Preferences and demand. Utility, indirect utility and the cost function. Application to labour supply. Choice of functional form. Activity model of household behaviour. Complex budget constraints and the effects of taxes and social security.

Reading: Deaton & Muellbauer, chapters 1, 2, 4 and 10; Varian, ch. 3; Malinvaud, ch. 2; Atkinson & Stiglitz, lecture 2.

2. Rationing and Unemployment: Constraints on consumer decisions: rationing, public goods, labour supply. General treatment of rationing. Simple example with labour supply.

"Spill-over" effect of constraint on labour supply. Relation to disequilibrium macro-economics and aggregate consumption function.

Reading: Deaton & Muellbauer, chs. 4 and 11; Atkinson & Stiglitz, lecture 7; J. P. Neary & K. W. S. Roberts, 'The Theory of Household Behaviour under Rationing' (*European Economic Review*, 1980); O. Ashenfelter, 'Unemployment as Disequilibrium in a Model of Aggregate Labour Supply' (*Econometrica*, 1980).

3. Savings and Distribution of Wealth: Life-cycle savings under certainty. Imperfections in the capital market. Bequests and inheritance. Development of the distribution of wealth.

Reading: Malinvaud, ch. 10; Atkinson and Stiglitz, lectures 3 and 8; Deaton & Muellbauer, ch. 12.

4. Production Theory: Cost and profit functions. Factor demand equations. Functional form and duality.

Reading: Varian, chs. 1 and 4; Dixit & Norman, ch. 2; G. Yohe, *Exercises and Applications for Microeconomic Analysis*, ch. 4.

5. Introduction to Competitive General Equilibrium Model: Exchange economy. Excess demand functions. Walras' law. Existence, uniqueness and stability. Theorems of welfare economics. Two-sector general equilibrium model. Uses of model in international trade theory, growth theory and public finance.

Reading: Varian, ch. 5; Malinvaud, ch. 5; Gravelle & Rees, ch. 16; K. J. Arrow, 'Economic Equilibrium' (*International Encyclopedia of the Social Sciences*, Vol. 4, Macmillan, New York); K. J. Arrow & F. H. Hahn, *General Competitive Analysis*, chs. 1 and 2, North Holland; M. G. Allingham, *General Equilibrium*, chs. 1-3 and 6, Macmillan; J. Quirk & R. Saposnik, *Introduction to General Equilibrium Theory and Welfare Economics*, chs. 1-3 and 5; Atkinson & Stiglitz, lecture 6; Caves & Jones, ch. 7 (2nd edn.); Dixit & Norman, chs. 1-5.

Part II (Professor Morishima)

1. General Equilibrium Theory in a Historical Perspective: Micro-foundations of the Ricardian economics. Marx's reproduction scheme. Walras' theory of capital formation and credit. Say's law. Towards Keynes.

Reading: M. Morishima, *Marx's Economics*, chs. 9 and 10, Cambridge University Press; *Walras' Economics*, chs. 4 and 7, Cambridge University Press.

2. Stability of General Equilibrium: Walras, Hicks, Samuelson, Arrow. The Liapounoff method. Stability of moving equilibria. Price adjustment vs. quantity adjustment.

Reading: K. J. Arrow & L. Hurwicz, 'On the

Stability of Competitive Equilibrium' (*Econometrica*, 1958); T. Negishi, 'The Stability of a Competitive Economy: A Survey Article' (*Econometrica*, 1962); M. Morishima, *Dynamic Economic Theory*.

3. General Equilibrium Theory: Applications, Critics and Possible Amendments:

Applications: Leontief models, macro-econometric models, long-run growth programmes. Criticism: Anti-equilibrium analysis. Age composition of capital, etc. Possible amendments: The von Neumann growth theory, Keynes-Leontief model.

Reading: J. Kornai, *Anti-Equilibrium*, North Holland; A. S. Goldberger, *Impact Multipliers and Dynamic Properties of the Klein-Goldberger Model*, North Holland; M. Morishima, *Theory of Economic Growth*, ch. 6, Oxford University Press.

Part III (Dr. Sutton)

1. Monopolistic Competition: Simple partial equilibrium oligopoly models. Cournot-Nash and Bertrand. Product differentiation. Perfect competition as the limit of imperfect competition as the economy grows large.

Reading: Varian, ch. 2; J. Friedman, *Oligopoly and the Theory of Games*, chs. 1, 2, 3, 4 and 7; A. Dixit & J. Stiglitz, 'Monopolistic Competition and Optimum Product Diversity' (*AER*, Vol. 67, 1977); M. Spence, 'Product Selection, Fixed Costs and Monopolistic Competition' (*Review of Economic Studies*, June 1976); S. Salop, 'Monopolistic Competition with Outside Goods' (*Bell Journal*, Spring 1979); C. D. Aspremont, J. Gabszewicz & J. Thisse, 'On Hotelling's "Stability in Competition"' (*Econometrica*, Vol. 47, 1979); A. Shaked & J. Sutton, 'Relaxing Price Competition Through Product Differentiation' (*Review of Economic Studies*, January 1982); W. Noushck, 'Cournot Equilibrium with Free Entry' (*Review of Economic Studies*, April 1980).

2. Uncertainty and Information: Simple portfolio and insurance theory. Adverse selection, signalling and screening, moral hazard. Theory of rational expectations under asymmetric information.

Reading: K. J. Arrow, *Essays in the Theory of Risk-Bearing*, chs. 1, 3, 4, 5, 6, 7, 8, 9 and 11; Varian, chs. 3 and 8; G. Akerlof, 'The Market for Lemons: Quality Uncertainty and the Market Mechanism' (*QJE*, Vol. 84, 1970); M. Spence, 'Job Market Signalling' (*QJE*, Vol. 87, 1973); J. Hirshleifer & J. Riley, 'The Analytics of Uncertainty and Information - An Expository Survey' (*Journal of Economic Literature*, Vol. 17, 1979); J. Riley, 'Information Equilibrium' (*Econometrica*, Vol. 47, 1979); P. Diamond & M. Rothschild, *Uncertainty in Economics, Readings and*

Exercises; B. Holmstrom, 'Moral Hazard and Observability' (*Bell Journal*, Spring 1979); O. Hart, 'Optimal Labour Contracts under Asymmetric Information: An Introduction' (*Review of Economic Studies*, January 1983); S. Grossman & J. Stiglitz, 'On the Impossibility of Informationally Efficient Markets' (*AER*, Vol. 70, 1980); S. Grossman, 'An Introduction to the Theory of Rational Expectations under Asymmetric Information' (*Review of Economic Studies*, October 1981).

Ec2410

Methods of Economic Investigation I

Teacher Responsible: James Davidson, Room S585

Course Intended Primarily for M.Sc. in Economics. Its purpose is to present and illustrate the techniques of empirical investigation in economics. Knowledge of calculus, linear algebra, probability and statistics are assumed to the level of the September Courses in Mathematics and Statistics. Some knowledge of elementary econometrics will obviously be useful although not absolutely essential.

Note that those students with an inadequate Mathematics or Statistics background will be attending the September Courses taught by Dr. Kuska and Dr. Magnus. These cover the Mathematics and Statistics which are strictly necessary for all three compulsory papers on the M.Sc. in Economics.

Teaching Arrangements: There are 2 lectures (Ec216) per week taught by Hugh Wills in the Michaelmas Term and James Davidson in the Lent Term and 1 lecture (Ec216) per fortnight taught by Jim Thomas. There is one class per week (Ec216a) associated with the lectures and Class Group allocation which takes place at the start of the Michaelmas Term. Exercises are provided each week and are discussed in the classes. In order to have any chance of completing the course successfully, these exercises must be attempted. Special test exercises will be set at three points during the year. These will be carefully marked and the results made available.

Text Books: *Theory*: An elementary text which will be most useful for the course is M. Stewart & K. Wallis, *Introductory Econometrics*, Basil Blackwell. A number of theoretical topics are not adequately covered in this or indeed in any other elementary text and so supplementary notes will also be provided.

Another useful elementary text is J. Kmenta, *Elements of Econometrics*, Macmillan.

More advanced texts are H. Theil, *Principles of Econometrics*, North Holland and A. Harvey, *The Econometric Analysis of Time Series*, Phillip Allen.

Applications: Some use will be made of K. Wallis, *Topics in Applied Econometrics*, Blackwell; R. E. Lucas & T. J. Sargent (Eds.), *Rational Expectations and Econometric Practice*; M. Desai, *Applied Econometrics*.

Main Course Outline: (Wills)

1. Regression models with fixed regressors (simple and multiple). Least Squares. Goodness of fit and hypothesis testing.
2. Regression models with stochastic regressors and asymptotic theory.
3. The method of maximum likelihood and its relationship to least squares, discrete dependent variable models.
4. An example of simple regression and hypothesis testing: testing the Capital Asset Pricing Model.
5. The partitioned regression model, omitted and added variables, misspecification.
6. An example of the omitted variable problem. The omission of ability in the determination of the rate of return of schooling.
7. Heteroskedasticity and Generalized Least Squares.
8. Measurement Errors and Instrumental Variables.
9. Multicollinearity.

Davidson

10. The analysis of time series. Basic concepts; the autoregressive process asymptotic theory.
11. Regression models in time series. Distributed lags; autocorrelated disturbances; lagged dependent variables.
12. Diagnostic tests, model selection.
13. Simultaneous equations. Structural and reduced forms; dynamic systems; exogeneity and causality.
14. Estimation of simultaneous equations; Two Stage Least Squares; identification.
15. A case study; the consumption function.
16. Rational expectations - theory and econometric practice.
17. Macroeconometric modelling, forecasting and simulation.

Course Outline: (Thomas)

This section of the paper is concerned with practical econometrics and covers the use of the standard computer packages in econometrics including practical exercises.

Examination Arrangements: There is a three hour formal examination in the Summer Term. The format will be the same as last year. There will be approximately ten questions, the first of which will be compulsory and account for 50 per cent of the

marks. Two other questions have to be answered and these will be similar to those in last years. The compulsory question will have short problems.

If there are any problems please talk to either Mr. Davidson or Dr. Wills.

Ec2411

Methods of Economic Investigation II

Teacher Responsible: Mr. J. Davidson, Room S585

Course Intended Primarily for M.Sc. (Economics), as advanced alternative to **Methods of Economic Investigation I**.

Syllabus: The lectures for this course are drawn from advanced undergraduate options. The course segments are (i) 30 hours from **Econometric Theory** (SM232), and 20 classes, Michaelmas and Lent Terms; (ii) **Econometrics of Individual Behaviour** (Ec117), 10 lectures and 5 classes, Michaelmas Term; (iii) **Econometric Topics in Macro-Economics** (Ec120), 10 lectures and 5 classes, Lent Term. Segments (ii) and (iii) may be regarded as alternatives and students are not expected to prepare both for examination, although they are encouraged to audit the lectures. See the relevant undergraduate study guides for further details, under **Econometric Theory** Ec1575 and **Topics in Quantitative Economics**, Ec1579.

Pre-Requisites: Students should normally have completed an undergraduate course in econometrics or statistical theory. Knowledge of linear algebra, calculus and statistical theory is assumed. The first 10 lectures of **Econometric Theory** (SM232) should be revision and this material is not examined, but students are encouraged to attend these lectures. See Mr. Davidson if you are in any doubt about your eligibility.

Examination Arrangements: There is a three hour examination in the Summer Term, with four questions to be answered out of about twelve on any part of the course.

N.B. This examination takes place at the same time as the B.Sc. Econometric Theory examination, and so may be a little earlier than the other M.Sc. papers.

Ec2420

Advanced Economic Theory I

Teacher Responsible: Professor M. Morishima, Room R410 (Secretary, Mrs. Prue Hutton, R409)

Course Intended Primarily for M.Sc. in Economics.

Scope: The aim of the course is to discuss various theories of economic dynamics, in order to enable students to examine economic phenomena from the system-analytic point of view.

Syllabus: The main points will be classical, neo-classical and Keynesian views of economic growth; dynamic economics with money; existence and stability of growth equilibrium; flex-price and fixed-price models; disequilibrium analysis; econometric analysis of growth.

Pre-Requisites: Third-year undergraduate knowledge of economic principles.

Teaching Arrangements: Lectures and classes (Ec219) by Professor Michio Morishima in the Michaelmas and Lent Terms.

Written Work: Two essays will be required during the year to be marked and discussed by Professor Morishima.

Reading List: There is no textbook covering the course. Detailed reading lists are provided for each section of the course. Books which students may like to consult include: M. Morishima, *Marx's Economics*; *Walras' Economics*; J. R. Hicks, *Capital and Growth*; *Capital and Time*; E. Malinvaud, *The Theory of Unemployment Reconsidered: Profitability and Unemployment*; J. Steindl, *Maturity and Stagnation in American Capitalism*.

Examination Arrangements: There is a three-hour examination. The paper is divided into four parts, each containing two questions. Students are expected to answer three questions, not more than one from each part.

Ec2421

Advanced Economic Theory II

This course will not be available in 1984-85.

Ec2422

Advanced Economic Theory III

Ec2425

History of Economic Thought

Teacher Responsible: Dr. M. Perlman,
Room S675

Course Intended Primarily for M.Sc.
(Economics), M.Sc. (Economic History).

Scope: The course traces the development of monetary and macroeconomic theory from about the middle of the eighteenth until the beginning of the twentieth century. It examines the recurring theoretical debates in the light of modern economic analysis and the very similar modern controversies.

Syllabus: The major authors studied are Hume, Cantillon, Thornton, Ricardo, Senior, J. S. Mill, Wicksell and Marshall. Two important monetary controversies, the Bullionist and Currency Banking School controversies, will be examined in detail.

Pre-Requisites: Students must have a good understanding of modern economic theory up to the B.A. (Hons.) standard.

Teaching Arrangements: Ec221, 20 lectures Michaelmas and Lent Terms; 20 seminars devoted to the analytical reading of texts.

Reading List: Apart from the original texts, the following general histories may be consulted: M. Blaug, *Economic Theory in Retrospect* (3rd edn.), Cambridge University Press; D. P. O'Brien, *The Classical Economists*, Oxford University Press; P. Deane, *The Evolution of Economic Ideas*, Cambridge University Press; J. Schumpeter, *History of Economic Analysis*; J. Viner, *Studies in the Theory of International Trade*; L. Robbins, *Robert Torrens and the Evolution of Classical Economics*; T. W. Hutchinson, *Review of Economic Doctrines*; J. R. Hicks, *Critical Essays in Monetary Theory*.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term based on the full syllabus covered by the lectures and classes. Students are required to answer three questions out of a wide range of choices covering the syllabus.

Ec2426

International Economics

Teacher Responsible: Dr. B. Hindley,
Room S583

Course Intended Primarily for M.Sc. in
Economics.

Scope: The aim of the course is to assist the student in understanding the theory, history and institutions of the international economy.

Syllabus: Introduction to International Trade and International Monetary Economics. Trade Theory: The simplest Ricardian Model of

International Trade followed by a development of the Heckscher-Ohlin-Samuelson model and its basic theorems. Monetary Theory: An introductory survey of the development of balance-of-payments theory.

History and Institutions: A brief history of the international economy followed by discussions of the more important international institutions and financial markets.

The Theory of International Trade and Commercial Policy

The first part of this course explores the implications of relaxing the major assumptions of the basic model developed in the introductory lectures. The course then turns to issues of commercial policy and protection, quotas and other non-tariff barriers, customs unions, and tariff structure (effective protection).

International Monetary Economics: The course begins with treatments of monetary, Keynesian and asset-market models of the international macroeconomy. It continues with a coverage of the following topics: macroeconomic adjustment under flexible exchange rates when domestic prices are 'sticky', the exchange rate and the current account, monetary and fiscal policy with fixed and flexible exchange rates, the efficiency of the foreign exchange market, and relative prices and macroeconomic adjustment in the open economy.

Pre-Requisites: Students are assumed to have completed a good undergraduate course in economic principles.

Teaching Arrangements:

Ec222 Introduction to International Trade and International Monetary Economics. Lectures: (i) Theory, 10 hours; (ii) History and Institutions, 10 hours. No classes.

Ec223 The Theory of International Trade and Commercial Policy. Lectures: 15 hours. Classes: Ec223a, 15 hours.

Ec224 International Monetary Economics. Lectures: 15 hours. Classes: Ec224a, 15 hours.

In the classes Ec223a, each student is expected to present a paper applying international trade theory to some aspect of international economic relations. For Ec224a, sheets of problems and topics will be distributed and students are expected to discuss these in the classes. In addition, several pieces of written work will be assigned during the course.

Reading List: Complete reading lists will be distributed at the beginning of each lecture course. R. Soloman, *The International Monetary System 1945-1981*, Harper & Row, 1982; A. I. MacBean & P. N. Snowden, *International Institutions in Trade and Finance*, George Allen & Unwin, 1981; R. E. Caves & R. W. Jones, *World Trade and Payments*,

Little Brown, 1981; R. E. Caves & H. G. Johnson (Eds.), *Readings in International Economics*, George Allen & Unwin, 1968; H. G. Johnson, 'Optimal Trade Intervention in the Presence of Domestic Distortions' in R. E. Baldwin *et al.* (Eds.), *Trade, Growth and the Balance of Payments*, Rand McNally, 1965; R. G. Lipsey, 'The Theory of Customs Unions' (*E.J.*, September 1960); E. Tower, 'Commercial Policy Under Fixed and Flexible Exchange Rates' (*Q.J.E.*, August 1973); R. Dornbusch, *Open Economy Macroeconomics*, Basic Books, 1980; M. Mussa, 'Macroeconomic Interdependence and the Exchange Rate Regime' in R. Dornbusch & J. Frenkel (Eds.), *International Economic Policy*, Johns Hopkins, Baltimore, 1979; W. H. Buiter & M. Miller, 'Real Exchange Rate Overshooting and the Output Cost of Bringing Down Inflation' (*European Economic Review*, May/June 1982); R. Dornbusch & S. Fischer, 'Exchange Rates and the Current Account' (*A.E.R.*, December 1980).

Examination Arrangements: There is a single three hour examination in the Summer Term. All students are required to answer questions on the material in Ec222, but those on either Ec223 or Ec224 may be omitted if students prefer to specialize.

Ec2428

Theory of Optimal Decisions

See Economics of Investment and Finance Ec1542

Ec2429

Labour Economics

Teacher Responsible: Professor R.
Layard, Room S84

Course Intended Primarily for M.Sc. (Econ.)
final year and M.Phil.

Scope and Syllabus: The course tries to explain the pattern of wages (and wage inequality) and the pattern of employment and unemployment. The aim is to throw light on public policy issues relating to income distribution and employment. But the main focus is on the use of theory and evidence (from the U.K. and the U.S.) to explain what is actually going on. The main topics concerned are:

(i) The supply of labour: Hours of work. Women's labour force activity. Incentive effects of taxes and income maintenance. Human capital and earnings inequality. The

supply of skilled manpower, and occupational choice. Optimal redistribution of income.

(ii) The demand for labour: Substitution between types of labour and capital. The effect of real wages on the aggregate demand for labour. Specific training and short-run fluctuations in employment

(iii) Unemployment and wage inflation: Models of unemployment, voluntary and involuntary. The role of unions and implicit contracts in determining aggregate wages and employment. The role of search. The role of unemployment benefits. Explaining the path of employment and inflation in the 1970s and 1980s. Explaining the structure of unemployment and its duration (by age and occupation). Manpower policy (employment subsidies, public employment and training).

Pre-Requisites: Economics degree or equivalent. Calculus required.

Teaching Arrangements: There is one two-part lecture course (Ec227).

(i) Labour Supply, Demand, Unemployment and Wage Inflation. (Professor R. Layard, S84) 25 Lectures, Michaelmas and Lent Terms.

(ii) Microeconomic Foundations of Employment and Inflation Theory (Mr. J. Moore, S680) 10 Lectures, Lent Term.

There will be 10 classes spread over 3 terms associated with these lectures.

In addition there are 2 optional elements:

(i) Manpower Development Planning (Dr. C. Dougherty, S184) Ec251, 10 lectures, Michaelmas Term.

(ii) Unemployment Seminar Ec452 (Professor R. Layard S84 and Mr. R. Jackman, S376) 25 meetings Sessional. This is a research seminar run by the Centre for Labour Economics, which you are welcome to attend when you like.

Written Work: Students will write 4 short essays during the year, to be set and marked by Professor Layard and Mr. Moore. Professor Layard will supervise all students taking the course.

Reading List: The main reading for the course consists of recent journal articles. Some idea of the material is provided by: B. Fleischer & T. Knieser, *Labour Economics: Theory and Evidence*; Z. Hornstein *et al.* (Eds.), *The Economics of the Labour Market*; E. S. Phelps (Ed.), *Microeconomics Foundations of Employment and Inflation Theory*; and the special issues on Unemployment in the *Review of Economic Studies* 1982, and *Oxford Economic Papers*, reprinted as C. A. Greenhalgh, R. Layard and A. Oswald, *The Economics of Unemployment*.

A more detailed reading list is available from Professor R. Layard. (For the reading list for

Course Ec251, see separate entry.)

Examination Arrangements: There will be one three-hour written paper. 3 questions to be attempted out of about 8 (1 question may be answered on Ec251 but this is not required).

Ec2430

Monetary Economics

Teacher Responsible: Dr. C. A. Pissarides, Room S584

Course Intended Primarily for M.Sc. in Economics and M.Sc. in Econometrics and Mathematical Economics.

Scope: The course aims to develop the student's ability to undertake research in monetary economics by studying a number of current issues both theoretical and applied.

Syllabus: Demand for Money: the simple Baumol-Tobin model of the transactions demand for money, and extensions to short-run adjustments, uncertainty, and the demand for money by firms. Empirical evidence from the United States and United Kingdom. Portfolio Selection and Asset Pricing: selection between many assets with different risks when agents are risk averse. Partial equilibrium results and extensions to the determination of asset prices in general equilibrium. Capital market efficiency. Empirical evidence presented by Fama and others. Financial Intermediation: portfolio selection by financial institutions under uncertainty about returns and transaction costs. The supply of money as the outcome of this process. Empirical evidence from the United Kingdom. Rational Expectations and the Effectiveness of Monetary Policy: the Lucas-Sargent proposition that when agents form expectations rationally and prices are flexible only unanticipated monetary policy influences output. Tests of this proposition by Barro and others. Derivation of a Phillips curve from this model. The Real Interest Rate and Inflation: examination of the question whether anticipated inflation can influence the real rate of interest. The role of rational and adaptive expectations. Evidence by Fama and others. Disequilibrium Theory: models with fixed prices and quantity constraints, the effectiveness of monetary and fiscal policy, wealth effects, neutrality and the long run impact of economic policy. Money and Growth: the structure of monetary growth models, the Tobin effect, the demand for money and other assets. Liquidity Constraints: capital market imperfections, theory of deposit-taking financial institutions, theory of the firm under uncertainty, competitive models with Keynesian features,

front-end loading and the costs of inflation.

Pre-Requisites: Students are assumed to have done the equivalent of the undergraduate course **Economic Principles**. Only rudimentary knowledge of mathematics is assumed though more would be helpful.

Teaching Arrangements: There are thirty-five hours of lectures (Ec228) and ten hours of classes (Ec228a). There are two hours of teaching per week; these time slots are used for lectures or classes as appropriate. Students will be expected to write at least one term paper, which will be marked by the lecturers, during the year. They will also be set regular exercises in the form of short essays and analytical problems. These exercises will be discussed in the classes and students are expected to have prepared the answers in advance. Students may also wish to attend the lectures on **Banking and Monetary Policy** (Ec229) given by **Mr. Alford**. These lectures are *not* examinable.

Reading List: The following items are central to the course but are by no means comprehensive. Students should consult the complete reading list handed out in the lectures. M. Miller & D. Orr, 'A Model of the Demand for Money by Firms' (*Quarterly Journal of Economics*, 80, 1966); G. Akerlof, 'Irving Fisher on His Head: The Consequence of Constant Threshold-Target Monitoring of Money Balances' (*Quarterly Journal of Economics*, 93, 1979); S. Goldfeld, 'The Demand for Money Revisited' (*Brookings Papers on Economic Activity*, 3, 1973 and also *BPEA*, 3, 1976); K. Arrow, 'The Theory of Risk Aversion' in K. Arrow *Aspects of the Theory of Risk-Bearing* and also *Essays in the Theory of Risk Bearing*; E. Fama, *Foundations of Finance*, chs. 8 & 9; J. Baltensperger, 'Alternative Approaches to the Theory of the Banking Firm' (*Journal of Monetary Economics*, 6, 1980); D. Gale, *Money: in General Equilibrium*, Nisbet/Cambridge University Press, Cambridge, 1981; *Money and Disequilibrium*, Nisbet/Cambridge University Press, Cambridge, in preparation.

Examination Arrangements: The assessment for this course depends entirely on a three-hour formal examination in the Summer Term. The paper contains ten questions of which four must be answered. No credit is given for answering more than four questions and candidates will be penalized for incomplete answers.

Ec2432

Economics of Transport

Teacher Responsible: Dr. Stephen Glaister, Room S587

Course Intended Primarily for M.Sc. in Economics.

Scope: The paper is one of the several options available as the fourth paper to candidates for the M.Sc. in Economics. The course covers the application of economics and quantitative methods to the various transport industries, including road, rail, urban transport systems, aviation and (subject to availability of teachers) shipping and ports. The course will only be given if there are sufficient candidates who are interested.

Syllabus: The course comprises a series of short courses.

(Ec231) **Welfare Analysis for Transport Economics (Dr. S. Glaister)** 5 lectures, (beginning 12 October).

A short introductory survey of the fundamentals of welfare economics as a foundation for the rest of the course. (Ec232) **Road and Rail (Professor C. D. Foster)** 10 lectures, Michaelmas Term.

The economics of highways, railways, road haulage. The application of cost benefit analysis to transport. Problems of pricing and analysis. urban transport problems and planning. Early traffic studies; land use - transportation surveys and modelling techniques used in planning. Spacial problems in urban transport planning.

(Ec150) **Transport Economics Treated Mathematically (Dr. S. Glaister)**, 10 lectures, Lent Term.

A quantitative treatment. Consumer surplus, peak pricing, congestion, urban transport subsidy, corporate objectives in the public sector, demand analysis and forecasting.

(Ec233) **Aviation (Dr. J. P. Hanlon)** 5 lectures, Lent or Summer Term.

The application of economics to aviation and airports. Airport pricing policy. Airport location studies.

(Ec234) **Transport Economics Seminar (Professor C. D. Foster and Dr. S. Glaister)**, 5 fortnightly sessions, Lent Term.

Presentation of research papers, mainly by speakers from outside the School.

(Ec232-3a) **Class (Dr. S. Glaister)**, 25 weekly classes. Discussion of lecture material and preparation and presentation of papers.

Reading List: Detailed readings will be provided during the courses. Some of the more important ones are listed here. Advisory Committee on Trunk Road Assessment (Chairman, Sir Leitch), Report, H.M.S.O., London, October 1977; J. Bates, H. Gunn &

M. Roberts, *A Disaggregate Model of Household Car Ownership*, Department of Transport, London, 1978; W. J. Baumol & P. F. Bradford, 'Optimal Departures from Marginal Cost Pricing' (*American Economic Review*, 1970); M. E. Beesley, *Urban Transport: Studies in Economic Policy*, Butterworths, London, 1973; E. Bennathan, & A. A. Walters, *The Economics of Ocean Freight Rates*, Praeger, New York, 1969; T. A. Domencich, & D. McFadden, *Urban Travel Demand*, North Holland, Amsterdam, 1975; C. D. Foster, *The Transport Problem*, Blackie, London, 1963; C. D. Foster, *Politics, Finance and the Role of Economics*, George Allen & Unwin, London, 1971; G. E. Giles & T. E. Worsley, 'Development of Methods for Forecasting Car Ownership and Use', (*Economic Trends*, August 1979); S. Glaister, *Fundamentals of Transport Economics*; K. M. Gwilliam, & P. Mackie, *Economics and Transport Policy*, Allen & Unwin, London, 1975; A. J. Harrison, *The Economics of Transport Appraisal*; R. P. G. Layard, *Cost Benefit Analysis*, Penguin, Harmondsworth, 1972; H. Mohring, *Transportation Economics*, Ballinger, Cambridge, Mass., 1976; D. L. Munby (Ed.), *Readings in the Economics of Transport*; C. A. Nash, *The Economics of Public Transport*; R. Pryke, *The Nationalised Industries*; R. Rees, *Public Enterprise Economics*, Weidenfeld & Nicolson, London, 1976; D. Starkie, *The Motorway Age*, Pergamon, 1982; P. R. Stopher, & A. H. Meyburg, *Urban Transportation Modelling and Planning*, Heath, Lexington, 1975; P. C. Stubbs, W. J. Tyson & M. Q. Dalvi, *Transport Economics*, George Allen & Unwin, London, 1980; J. C. Tanner, 'Choice of Model Structure for Car Ownership Forecasting' (*Transport and Road Research Laboratory Report SR523*, Crowthorne, 1979); J. M. Thomson, *Modern Transport Economics*, Penguin, Harmondsworth, 1974; A. A. Walters, 'The Theory and Measurement of Private and Social Cost of Highway Congestion' (*Econometrica*, 1961).

Examination Arrangements: Candidates are advised to consult copies of previous years' examination papers so as to gain an idea of the kind of questions they will be expected to answer. Candidates must answer four questions in three hours, freely selected from a total of about nine questions.

Ec2435

Public Finance

Teacher Responsible: Professor A. R. Prest, Room S277

Course Intended Primarily for M.Sc. in Economics

Scope: Theory of Public Finance.

Syllabus: A general idea can be given from the topics covered in Ec236

1. Introduction. Economic rationale of government. Decreasing costs, externalities, merit wants, public goods, equity reasons.
2. Theory of public goods. Optimality conditions. Reasons for market failure. Other methods of provision.
3. Resource allocation problems. General contrast between direct and indirect taxation. Taxation and risk-taking. Taxation and labour supply. Taxation and the supply of savings. Government outlays.
4. Equity issues. Optimal taxation. Distributional effects of taxes. Relative treatment of single people, families, etc.
5. Inter-Governmental financial relations. Multi-level government finances in federal and unitary states. Fiscal relations between countries.
6. Fiscal policy and stabilisation. Selected topics (e.g. fiscal drag, full employment budget surplus, built-in stabilisation, formula flexibility, tax-based incomes and employment policies).

Note: Topics 1-3 will be covered in the Michaelmas Term and Topics 4-6 in the Lent Term.

Pre-Requisites: No special pre-requisites.

Teaching Arrangements:

Lectures: Ec236 **The Economics of Public Finance** (Professor Prest) 20 lectures, Michaelmas and Lent Terms.

Ec237 **Seminar in Public Sector Economics** (Professor Prest). Fortnightly (commencing October 18)

Ec238 **Public Enterprise Economics** (Professor Bös) 6 lectures, Lent Term.

Ec249 **Capital Markets, The Corporation and Taxation** (Professor King) (Section dealing with corporate taxation).

Attention is also drawn to LL231 **Problems in Taxation Seminar** (Professor Prest and Mr. Avery Jones) Lent and Summer Terms, fortnightly, commencing January.

Reading List: There is no single textbook. The following books are listed as those most frequently referred to. Article references will be given in the lectures in the context of particular topics. *General Books*: R. A. Musgrave, *Theory of Public Finance*, McGraw-Hill, 1959; C. S. Shoup, *Public Finance*, Weidenfeld & Nicolson, 1969; A. R. Prest &

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N. A. Barr, *Public Finance in Theory and Practice* (6th edn.), Weidenfeld & Nicolson, 1979; R. Millward *et al.*, *Public Sector Economics*, 1983; G. Brennan & J. M. Buchanan, *The Power to Tax*, Cambridge University Press, 1980; R. A. Musgrave, *Fiscal Systems*, Yale University Press, 1969; R. A. & P. B. Musgrave, *Public Finance in Theory and Practice*, McGraw-Hill, 1984; A. S. Blinder & R. M. Solow, *The Economics of Public Finance*, Brookings Institution, 1974; S. Cnossen (Ed.), *Comparative Tax Studies*; J. E. Meade *et al.*, *The Structure and Reform of Direct Taxation*, Allen & Unwin, 1978; C. V. Brown & P. M. Jackson, *Public Sector Economics*, Martin Robertson, 1982; A. B. Atkinson & J. E. Stiglitz, *Lectures on Public Economics*, McGraw-Hill, 1980; H. J. Aaron & M. J. Boskin, *The Economics of Taxation*, Brookings Institution, 1980; G. A. Hughes & G. M. Heal (Eds.), *Public Policy and the Tax System*, Allen & Unwin, 1980. *More Specific Books*: H. J. Aaron (Ed.), *Inflation and the Income Tax*, Brookings Institution, 1976; T. S. Ward & R. R. Neild, *The Measurement and Reform of Budgetary Policy*, Heinemann, 1978; N. Kaldor, *An Expenditure Tax*, Allen & Unwin, 1955; A. T. Peacock & G. K. Shaw, *The Economic Theory of Fiscal Policy*, Allen & Unwin, 1976; J. G. Head, *Public Goods and Public Welfare*, Duke University Press, 1974; J. A. Pechman, *Comprehensive Income Taxation*, Brookings Institution, 1977; J. A. Kay & M. A. King, *The British Taxation System*, Oxford University Press, 1983; C. E. McLure, *Must Corporate Income be Taxed Twice?*, Brookings Institution, 1979; J. A. Pechman (Ed.), *What Should be Taxed: Income or Expenditure?*, Brookings Institution, 1981; H. J. Aaron & J. A. Pechman (Eds.), *How Taxes Affect Economic Behaviour*, Brookings Institution, 1981; C. D. Foster *et al.*, *Local Government Finance in a Unitary State*, 1980; C. E. McLure, Jr. (Ed.), *Tax Assignment in Federal Countries*, 1983.

Examination Arrangements: One 3 hour paper.

Ec2436

The Economics of Industry

Teacher Responsible: Dr. J. Sutton, Room S278

Course Intended Primarily for M.Sc. in Economics; Industrial Relations and Personnel Management; Accounting and Finance.

Scope: A graduate course in the Economics of Industry (or in North American terminology, Industrial Organisation)

Syllabus: The economics of vertical integration, diversification, size of plants and firms, industrial concentration, entry conditions, and pricing policies.

Pre-Requisites: Undergraduate level micro-economics.

Teaching Arrangements: Twenty lectures, **Economics of Industry** (Ec240) of 1½ hours each, in the Michaelmas and Lent Terms. Weekly classes (Ec240a) in the Lent and Summer Terms.

Classes in the Lent Term will be largely devoted to discussion of selected articles, to supplement the lecture course. Classes in the Summer Term will be largely devoted to revision.

Reading List: The following books are useful for general reference: F. M. Scherer, *Industrial Market Structure and Economic Performance*; O. E. Williamson, *Markets and Hierarchies*. References to journal articles and specialised monographs will be given in the lectures.

Examination Arrangements: There is a three-hour formal written examination in the Summer Term. A compulsory question, calling for comments on five (out of ten) statements, accounts for one third of the marks. Two further questions (out of five or six) have to be answered.

Ec2440

The Economics of Less Developed Countries

Teacher Responsible: Mr. Max Steuer, Room S183

Course Intended Primarily for M.Sc. final year, and Diploma in Social Planning.

Scope: The course provides an advanced treatment of development economics, theory and evidence, explanation and prescription.

Syllabus: Standard topics in development economics are treated at an advanced level. Major critical attention is given to various explanations of the causes of underdevelopment, contrasting those views

that see the causes as mainly external to the underdeveloped countries with those views that see the causes as mainly internal. A second and closely related major concern is analysis of policies intended to raise income in low income countries. Important theories in development economics and economics generally are explored. Empirical studies are reviewed from many parts of the underdeveloped world. As in other M.Sc. economics courses, modern techniques of modelling, testing theories and estimating relationships are applied to a variety of issues. These issues include the question of peasant rationality, savings behaviour in low income countries, income distribution and growth, the role of government including public finance and macro stabilization, international trade policy and both direct and indirect foreign borrowing, the economics of aid, population issues, internal migration, and the roles of education, health, transport and technical change, especially agricultural technical change, in economic development. The course highlights particular studies and approaches for selective treatment in depth rather than comprehensive coverage. The emphasis is on recent literature.

Pre-Requisites: Students are assumed to be well qualified for an M.Sc. in Economics. They are expected to have a good grounding in micro and macro theory, a knowledge of standard empirical techniques used in economics, and some practice in applied economics. Prior training in development economics can be an advantage but certainly is not a pre-requisite. More important is a good grasp of price theory and income analysis.

Teaching Arrangements: Lectures (Ec242), one hour per week during the Michaelmas and Lent Terms giving a total of twenty hours. Classes (Ec244), ten classes, Lent and Summer Terms.

The Seminar on the **Economics of Less Developed Countries** (Ec243) often relates to the course.

Reading List: P. T. Bauer, *Dissent on Development; Equality, Third World and Economic Delusion*; D. Seers, *Dependency Theory, A Critical Reassessment*; H. Barnum & L. Squire, *A Model of an Agricultural Household*; H. Chenery & R. Surquin, *Patterns of Development 1950-1970*; R. Findlay, *International Trade and Development Theory*; P. Yotopoulos & J. Nugent, *Economics of Development*; C. J. Bliss & N. H. Stern, *Palanpur: The Economy of an Indian Village*; K. Dervis, J. de Melo & S. Robinson, *General Equilibrium Models for Development Policy*; A. Sen, *Poverty and Famines, An Essay on*

Entitlement and Deprivation; L. Taylor, *Macro Models for Developing Countries*; M. Gersovitz, C. F. Diaz-Alejandro, G. Rahis & M. R. Rosenzweig, *The Theory and Experience of Economic Development*; L. G. Reynolds, *Agriculture in Development Theory*.

Most of the specific reading for the course comes from the recent journal literature.

Examination Arrangements: The final grade is assigned solely on the basis of performance in a three hour written examination held towards the end of the Summer Term. Students are asked to write on four questions from a list of twelve.

Ec2442

Theory and Implementation of Detailed Planning

Teachers Responsible: Dr. S.

Gomulka, Room S680 and Professor Peter Wiles, Room S477

Course Intended Primarily for M.Sc. in Economics final year.

Scope: Part A of the course gives the background in social institutions and ownership to detailed planning (U.S.S.R.) and rather detailed planning (France). It also discusses the planner's implementation problem. Part B covers the theory, techniques and actual practice of macroeconomic planning; all these in reference to (mainly) centrally planned economies, some developing countries and France.

Syllabus:

Part A: Resource allocation models. Planning versus forecasting. Normative planning versus indicative planning. Implementation models: Hierarchies of administrative power, including banks. Property. The level of development and the type of planning. Political power and size of country as factors in planning. The aggregation problem. Disaggregation by decentralization by quasi-markets. Shadow prices, ordinary prices, passive prices. Prices and physical commands; prices and decentralization. Growth versus choice. Location versus commodity-structure as hierarchical principles. Inflation and planner's tension.

Part B: Aggregative planning: policy variables and alternative development strategies. Multi-sectorial planning: consistency models of the Leontief input-output type and optimal models of the programming type. Detailed planning of the Soviet type: the method of product, labour and investment balances.

Planning as a bargaining process under limited information: micro and macroeconomic implications. Macroeconomic econometric models for centrally planned economies: Sovmod and others. Market socialism of the Lange-Taylor-Brus type and market communism of the Arrow-Hurwicz-Malinvaud type. Western indicative planning and the French Fi-Fi model.

Pre-Requisites: Any M.Sc. Economics student should be able to follow.

Teaching Arrangements:

Part A: Ten one-hour lectures (Ec247i) by Professor Peter Wiles.

Part B: Twenty one-hour lectures (Ec247ii)

Seminars: On the **Economic Problems of the Communist World** (Ec246), meets fortnightly, and **Planning and Comparative Economics** (Ec248), meets also every other week. The seminars' conveners: Dr. S. Gomulka and Professor Peter Wiles. The seminars discuss topics related to the course and students are advised to attend.

Students may find it useful to attend also Ec245 **Soviet Economic Development**.

Written Work: There are no classes, but students are expected to prepare essays for their supervisors.

Reading List: Part A: E. Devons, *Planning in Practice*; P. Bauchet, *Planning: the French Experience*; L. Berri (Ed.), *Planning and Socialist Economy*; H. Levine in Bornstein & Fufeld (Eds.), *The Soviet Economy. A Book of Readings*; D. Liggins, *National Economic Planning in France*.

Part B: Blitzer-Clark-Taylor (Eds.), *Economy-Wide Models and Development Planning* especially the contributions by Taylor and by Clark, Oxford University Press, 1975; Carter-Brody, *Application in Input-Output Analysis* Vols. 1 and 2, North-Holland Publishing Company, 1970; M. Ellman, *Planning Problems in the U.S.S.R.*, Cambridge University Press; D. Green & C. Higgins, *SOVMOD I: A Macroeconomic Model of the Soviet Union*, 1977; G. Healm, *The Theory of Planning*, North-Holland Publishing Company; L. Johansen, *Lectures on Macroeconomic Planning*, Vols. 1 and 2, 1977; J. Kornai, *Mathematical Planning of Structural Decisions*, chaps. 1-3, North Holland Publishing Company; J. Kornai, *Economics of Shortage*, 1980; D. Liggins, *National Economic Planning in France*; E. Malinvaud, 'Decentralised Procedures for Planning' in E. Malinvaud & Bachardach (Eds.), *Activity Analysis in the Theory of Growth and Planning*; Nove-Nuti (Ed.), *Socialist Economics*, Part I, 1972.

Articles by Lange, Brus-Laski, Dobb, Domar and Kornai.

Lists of journals papers and optional references are circulated.

Examination Arrangements: The examination paper is in two sections, A and B, containing questions corresponding to Parts A and B above. Students are required to answer one question from section A and two questions from section B. All questions have equal weight.

Ec2450

Economics of Education and Human Capital

This course will not be available in 1984-85.

Ec2451

Urban Economics

This course will not be available in 1984-85.

Ec2455

Marx, Walras and Keynes in the Light of Contemporary Economic Analysis

Teachers Responsible: Professor Wiles, Room S477, Professor Desai, Room S87

Course Intended Primarily for M.Sc. (Economics) but also available for M.Sc. (Econometrics and Mathematical Economics)

Scope: The aim of this course is to treat critically the questions of methodology and of model construction in classical and modern economics with special attention to theory of value and monetary theory.

Syllabus: The course is in two parts. Part 1 taught by Professor Wiles deals with the theory of value in the classical economists, Marx, and the early marginalists; and the methodology of all these economists, the neo-classical economists and Keynes. Part 2 taught by Professor Desai deals with attempts in the economic literature to construct a theory of a monetary economy. It covers the theories of Marx, Walras, Wicksell, Hayek, Myrdal and Keynes.

Pre-Requisites: None.

Teaching Arrangements: 25 lectures (Ec253), one each week in Michaelmas, Lent and Summer Terms plus a seminar (Ec254) of one and a half hours for ten weeks in which students will be expected to present papers on

the course material.

Reading List: There are no set textbooks in this course and the reading list is updated each year to take into account new developments. Selections from the reading lists of recent years are given below but relevant reading lists will be made available at the beginning of the course.

1. *Value and Methodology*: P. A. Samuelson, in *Journal of Economic Literature*, June 1971; Piero Mini, *Philosophy and Economics*, Ch. 13; M. Friedman, "The Methodology of Economics" in his *Essays in Positive Economics*; P. Wiles, in *Journal of Post-Keynesian Economics*, 1979; K. Marx, *Capital*, Vol. I/1-3, Vol. III/12; D. Ricardo, *Principles of Political Economy and Taxation*, Chs. 1, 2, 4, 5, 6, 30.

2. *Theory of a Monetary Economy*: M. Desai, *Marxian Economics*; F. Hayek, *Prices and Production*; M. Keynes, *Treatise on Money*, Vol. 1, *General Theory of Employment, Interest and Money*; K. Marx, *Capital*, Vols. 1-3; G. Myrdal, *Monetary Equilibrium*; L. Walras, *Elements* Translated by Jaffe; K. Wicksell, *Interest and Prices; Lectures on Political Economy*.

Examination Arrangements: A three hour written examination in the Summer Term along with other M.Sc. examinations.

Ec2460

Environmental Economics

This course will not be available in 1984-85.

Ec2465

Economic Inequality

Teacher Responsible: Professor A. B. Atkinson, Room R407

Course Intended Primarily for M.Sc. in Economics

Scope: The aim of the course is to show how economic analysis can be applied to the distribution of income and wealth.

Syllabus: Principles of economic justice. Measurement of inequality. Measurement of poverty. Models of the distribution of income and wealth. Theories of the distribution of earnings.

Pre-Requisites: Third-year undergraduate knowledge of economic principles.

Teaching Arrangements: There are three components to the teaching: Lectures: by Professor Atkinson (Ec258) and

Dr. F. A. Cowell (Ec227) commencing in the Michaelmas Term.

Classes: in the Michaelmas and Lent Terms. Seminars: organised by Professor Atkinson and Dr. Cowell in the Lent and Summer Terms, where visiting speakers present papers.

Reading List: A. B. Atkinson, *The Economics of Inequality*; A. K. Sen, *On Economic Inequality*; F. A. Cowell, *Measuring Inequality*; J. E. Meade, *The Inheritance of Inequalities*; A. B. Atkinson (Ed.), *Wealth, Income and Inequality*.

Examination Arrangements: There is a three-hour examination. Students are expected to answer three questions out of eight.

Ec2470

The Economics of Technological Change and Long-Term Growth

(Not available 1984-85)

Teacher Responsible: Dr. S. Gomulka, Room S680

Course Intended Primarily for Final Year M.Sc. in Economics.

Scope: The course covers an integrated (microeconomic) theory of innovation and market structure, an integrated (macroeconomic) theory of innovation, international diffusion and long-term growth and a treatment of institutional and cultural factors in technological change.

Syllabus:

Microeconomics: the aim is to show how basic ingredients, such as demand conditions, R & D technological possibilities, the nature of the capital market and patent regulations affect both the industrial concentration and the rate of innovative activity.

Macroeconomics: measures of innovation and measurement problems, optimal rate and direction of technological change, variation in technological levels and mechanisms of international technological transfer, models of innovation and growth in the technology-importing country, technological unemployment and cycles, a theory of international variation in innovation and productivity growth.

Institutions and Culture: why Britain led. The reactions of Prussia, Russia, Japan, China and India. International transfer. Intermediate technology. Military technology.

Pre-Requisites: No particular pre-requisites.

The first two courses are theoretical in orientation, but their level of mathematics and economic theory is comparable to that of the main M.Sc. micro and macro courses.

Teaching Arrangements: There are three

sections in the course and a seminar.

Lectures:

(i) **Microeconomics:** Ec260 **The Relationship between Industrial Structure and Technological Change.** 10 lectures – Lecturer: Professor P. Dasgupta.

(ii) **Macroeconomics:** **Inventive Activity, Diffusion and the Dynamics of Long-Term Growth.** 10 lectures – Lecturer: Dr. S. Gomulka.

(iii) **Institutions and Culture:** **Institutional and Cultural Factors in Technological Change.** 9 lectures – Lecturer: Professor P. Wiles.

Ec263 Technological Change Seminar. Five meetings in the Lent Term, to discuss topics related to the three courses. The seminar convener: Dr. S. Gomulka.

Written Work: There are no classes, but students are expected to present seminar papers and prepare essays for their supervisors.

Reading List: Microeconomics: Required reading – some ten papers by P. Dasgupta, J. Stiglitz and others. Also: F. M. Scherer, *Industrial Market Structure and Economic Performance*, esp. chapters 5, 8, 14-17; N. Rosenberg, *Economics of Technological Change*, in particular papers by K. Arrow & J. Schmookler. Useful reading: J. Schumpeter, *Capitalism, Socialism and Democracy*; E. Mansfield, *Industrial Research and Technological Innovation*.

Macroeconomics: Required reading – some ten papers by Findley, Gomulka, Nelson-Winter, Phelps and others. Also: S. Gomulka, *Inventive Activity, Diffusion and the Stages of Economic Growth*; W. D. Nordhouse, *Invention, Growth and Welfare*.

Institutions and Culture: In addition to some of the references listed above, some 12 papers by Blumenthal, Dickson, Holloway, Wiles and others. Also: J. W. Baxter, *World Patent Law and Practice*; E. A. G. Robinson (Ed.), *Appropriate Technologies*; J. Needham, *The Grand Titration*; E. Zaleski *et al.*, *Science Policy in the USSR*.

Examination Arrangements: The examination is in three sections, each containing three questions. Four questions should be answered, at least one from each section. All questions have equal weight.

Ec2495

Topics in Economic Analysis

Teacher Responsible: Professor A. B. Atkinson, Room R407

Course Intended Primarily for M.Phil. or Ph.D. students in Economics.

Scope: The aim of the course is to cover recent developments in Economic Analysis with the particular aim of suggesting areas for fruitful research.

Teaching Arrangements: There will be six units, each consisting of ten hours of lectures comprising the course **Topics in Economic Analysis** (Ec410). The lecturers will include Professors Atkinson, King and Morishima, Dr. Bean and Dr. Steuer.

Reading List: A separate reading list will be supplied for each section at the time of the course.

Examination Arrangements: There will be a three hour examination. The paper will be in six sections, and candidates will be expected to answer four questions, drawn from at least two sections.

Ec2510

The Economics of Regional and Urban Planning

Teachers Responsible: Mr. R. A. Jackman, Room S376 and Dr. C. M. E. Whitehead, Room S174

Course Intended Primarily for M.Sc. Regional and Urban Planning Studies

Scope: The course examines the economic principles and techniques necessary for the analysis of regional and urban structure and uses these principles to examine regional and urban problems and to evaluate policies which have been employed to alleviate these problems. The course relates mainly to the industrialized nations of Europe and North America with some discussion of the particular problems of developing nations.

Pre-Requisites: Students should normally have completed an introductory course in Economics. A higher level of attainment will enable the student to cover the material in more depth. Students without this background must attend Ec101 Economics A2 as a pre-requisite.

Syllabus: Industrial and residential location decisions. The determination of urban rents and land values. The structure of the urban area. The urban labour market. The rationale of government intervention. Public goods, externalities and other causes of market failure. Methods of intervention: land use controls, regulations and standards, taxation and subsidy. Financing the public sector:

grants, property taxation, other local taxes. Fiscal problems of cities. Pricing of public services. The optimal size of the public sector. local government capacity and investment decisions. The principles of cost benefit analysis and their application to public sector decision making. Urban housing and transport problems and policies. The determination of regional income and growth. Inter-regional trade and migration. Cumulative causation and the possibility of increasing disparities between regions. The rationale of regional policies. Instruments of regional policy. Regional problems of developing countries.

Teaching Arrangements:

Ec400 **Elements of Urban and Regional Economics** 15 hours lectures, C. M. E. Whitehead, Michaelmas and Lent Terms.

Ec400a **Elements of Urban and Regional Economics** 10 hours classes, S. Roper, Michaelmas and Lent Terms.

Ec401 **Seminar in Regional and Urban Economics** 15 1/2 hour seminars, R. A. Jackman, Michaelmas, Lent and Summer Terms.

Ec235 **Cost-Benefit Analysis** 6 hours lectures, Professor C. D. Foster, Lent Term.

Ec234 **Urban and Transport Economics** 10 1/2 hour seminars, Professor C. D. Foster, S. Glaister, R. A. Jackman, C. M. E. Whitehead, Lent Term.

In addition students may wish to attend Ec149 **Economics and Geography of Transport** Professor C. D. Foster and K. R. Sealy, Michaelmas and Lent Terms.

Written Work: Students are expected to prepare seminar papers and to do regular exercises for the class.

Reading List: The current recommended text books are: A. J. Harrison, *Economics of Land Use Planning*; H. Armstrong & J. Taylor, *Regional Economic Policy and its Analysis*. General texts include: K. J. Button, *Urban Economics*; B. Walker, *Welfare Economics and Urban Problems*; K. Willis, *Economics of Town and Country Planning*; P. Miezkowski & M. Strasheim, *Current Issues in Urban Economics*; H. Richardson, *Elements of Regional Economics*; A. J. Brown, *The Framework of Regional Economics in the UK*; A. J. Brown & E. M. Burrows, *Regional Economic Problems*; R. Layard (Ed.), *Cost Benefit Analysis*; R. Sugden & A. Williams, *The Principles of Practical Cost-Benefit Analysis*.

Detailed reading for each topic will be given during the lectures and seminars.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term. The examination paper normally contains nine questions of which three must be attempted.

Ec2515

The Economics of European Integration

Teacher Responsible: A. Marin,
Room S279

Course Intended for M.Sc. (Econ.) in European Studies, Paper 3(e).

Scope: This course may be taught if there is sufficient demand by those for whom the economic analysis and content of Ec256 are too simple.

Ec2516

The Economic Organisation of the European Community

Teacher Responsible: A. Marin,
Room S279

Course Intended Primarily for M.Sc. (Econ.) in European Studies, Paper 1 and 2(c).

Scope: As title.

Syllabus: The course covers various economic aspects of the EEC. These include the gains/losses from formation of a common market, the European Monetary System, the Common Agricultural Policy, competition and regional policy, relations with non-members.

Pre-Requisites: Students who have not previously studied economics should also take Ec257 during the Michaelmas Term to acquire the necessary background.

Teaching Arrangements: Twenty lectures (Ec255) will be given by Mr. Marin and there will be fifteen seminars (Ec256). Some of the seminars will be given by students. A mid-year examination is given to help assess students' progress (see M.Sc. description).

Reading List: A detailed reading list will be given out at the beginning of term. Many of the topics are covered in D. Swan, *The Economics of the Common Market*; P. Robson, *The Economics of European Integration*; A. El Agra (Ed.), *The Economics of the European Community*.

Examination Arrangements: A written 3-hour formal examination in the Summer Term, with three questions to be answered out of ten.

Ec2520

Economics for M.Sc. Sea-Use

Teacher Responsible: David de Meza,
Room S681

Course Intended Primarily for students for M.Sc. in Sea-Use.

Scope: Application of economic analysis to

explaining the pattern of marine resource use and to designing rational management policies.

Syllabus: Economics of exhaustible resources: fish, offshore oil and gas, manganese nodules. Cost benefit analysis, particularly applied to port pricing and investment. Externalities as applied to pollution control.

Teaching Arrangements: Two meetings of two hours per week during Lent Term and also parts of Michaelmas and Summer Terms. The meetings will combine lecture and discussion.

Written Work: Two essays and preparation for class discussion.

Reading List: L. Anderson, *The Economics of Fisheries Management*; P. Dasgupta, *The Control of Resources*; R. Eckert, *The Enclosure of Ocean Resources*; E. Benathan & A. Walters, *Port Pricing*; A. Fisher, *Resource and Environmental Economics*.

Examination Arrangements: Written 3 hour examination in Summer Term. 50% of marks for choice of six from twelve short questions, remaining marks for two from six longer questions.

Ec2550

Advanced Quantitative Economics I

Teacher Responsible: Mr. S. E. Pudney, Room S283

Course Intended Primarily for M.Sc. (Econometrics) Final Year.

Scope: The course is intended (a) to introduce students to new developments in applied econometrics research in some central fields of econometrics paying particular interest to new methodology, (b) to give students experience of seminar presentation. It is complementary to **Advanced Quantitative Economics II** which specialises on economic model building particularly in the field of macro-economics.

Syllabus: The seminar explores recent journal articles covering estimation and testing of models drawn from various fields of micro economics. The lectures provide background material for the seminar.

Pre-Requisites: A knowledge of econometric theory and applied econometrics corresponding to the undergraduate courses at LSE. Students must be prepared to read journal articles with difficult mathematical and statistical content.

Teaching Arrangements:

Ec302: Graduate Seminar for **Advanced Quantitative Economics**. S. E. Pudney. Michaelmas Term. 10 two-hour seminars. This seminar continues for 20 sessions in the Michaelmas and Lent Terms. The Michaelmas

Term meetings cover most of the topics examined in **Advanced Quantitative Economics I**. All students attending the course are required to present papers and act as discussants in the seminar. The number of occasions per student depends on the number of students in the seminar but is normally three times in the term.

Ec303: **Advanced Quantitative Economics I and II**. S. E. Pudney, Michaelmas Term. 10 lectures. The full course is 20 hours.

Michaelmas and Lent Terms, but only the 10 hours in the Michaelmas Term are relevant to **Advanced Quantitative Economics I**.

Ec304: **Macro-Economic Models**. C. R. Bean. Summer Term. 10 hours lectures. The first half of this course is examined on **Advanced Quantitative Economics I**.

Reading List: Since this course is an attempt to cover recent research in applied econometrics, no textbook is entirely up-to-date. Background reading from textbooks such as Denton & Muellbauer, *Economics of Consumer Behaviour* and M. J. Desai, *Applied Econometrics* might be regarded as pre-requisites for the course. The student will not be expected to read the whole literature of the subjects covered, and might be expected to read one or two journal articles on two-thirds of the topics, but to read more widely on topics where he is presenter or discussant.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. Eight questions are based on the work of the Michaelmas Term from courses Ec302 and Ec303. Three questions are based on the first half of course Ec304. Students are required to write four questions.

Ec2551

Advanced Quantitative Economics II

Teacher Responsible: Dr. C. R. Bean,
Room S480

Course Intended Primarily for students taking the M.Sc. in Econometrics and Mathematical Economics although the lectures may be of interest to M.Phil. and Research Fee students.

Scope: This course aims to familiarise the student with a broad range of topics which illustrate the use of quantitative techniques in economics research. There is some emphasis on modern macro-economics, particularly in the lecture course, but in the seminars a wide variety of other subjects are dealt with.

Syllabus:

The lecture course (Ec303ii) (10 hours Lent Term)

This course will be concerned with an analysis

of the extent to which existing empirical work including work which is not specifically macroeconomic in focus helps us to understand major movements in macro variables, especially the price level and the level of unemployment. In particular, the course will investigate whether or not the evidence we currently possess supports one or other of the two main opposing strands of macroeconomic theory (which may loosely be termed "equilibrium" and "disequilibrium" or Monetarist and Keynesian). Among the topics which will be considered are:

1. Disequilibrium Models of the Economy; Rationing and Related Phenomena.
2. Equilibrium Models of the Economy; Rational Expectations; Anticipated and Unanticipated Changes.
3. Explanations of aggregate fluctuations in output, prices and unemployment in the context of the above.

Theories and evidence.

The seminar series (Ec302ii) (20 hours Lent Term)

These seminars will cover a variety of topics and will be presented by the students. Furthermore, those students writing projects are invited to discuss their results in this seminar. The topics which will be discussed, the order in which they will be taken and who will do what will be decided at a meeting towards the end of Michaelmas Term, and at the first meeting of the seminar. Students are encouraged to choose a topic in which they are particularly interested. Below I have listed a selection of potential topics. Any other area of economics which comes under the broad heading of Quantitative Economics will be considered, however, although I do reserve for myself a final right of veto.

Possible Topics

Incentives

1. The impact of taxes on the supply of labour.
2. The impact of unemployment insurance on the level of unemployment.
3. Company profitability and growth and managerial remuneration.
4. Incentives and labour turnover - why do people change jobs.

Macroeconomic Theory and Policy

1. The role of expectational errors in determining supply fluctuations.
2. Business cycles as an equilibrium or disequilibrium phenomenon.
3. Unemployment as an equilibrium or disequilibrium phenomenon.
4. The ineffectiveness of monetary policy.
5. Contracts, wage stickiness and unemployment.
6. Cost push, unemployment and monetary

accommodation.

Other Topics

1. The determinants of individual earnings – genes, environment, education, luck, etc.
2. The effect of trade unions on pay, productivity and turnover.
3. Firm behaviour under uncertainty – what do firms maximise, if anything?
4. Testing theories of exchange rate determination.

The seminar programmes for the last three years are made available to M.Sc. students at the start of the academic year.

Lecture Course (Ec304) (5 2-hours, Summer Term)

These lectures are concerned with the structure and operation of large economy-wide econometric models.

Reading List: J. M. Grandmont & G. Laroque, "On Keynesian Temporary Equilibria" (*Review of Economic Studies*, February 1976); A. Drazen, "Recent Developments in Macroeconomic Disequilibrium Theory" (*Econometrica*, March 1980); R. E. Lucas, Jr., "Expectations and the Neutrality of Money" (*Journal of Economic Theory*, April 1972); R. Barro, "Rational Expectations and the Role of Monetary Policy" (*Journal of Monetary Economics*, 1976); R. E. Lucas & L. A. Rapping, "Real Wages, Employment and Inflation" (*Journal of Political Economy*, 1969); R. T. Froyen & R. N. Waud, "International Evidence on Output-Inflation Trade-offs" (*American Economic Review*, June 1980); R. E. Hall, "The Rigidity of Wages and the Persistence of Unemployment" (*Brookings Papers on Economic Activity*, 2, 1975); R. E. Hall, "Labour Supply and Aggregate Fluctuations" (*Journal of Monetary Economics*, Supplement No. 12, 1980); J. Altonji & O. Ashenfelter, "Testing the Labor Market Equilibrium Hypothesis" (*Econometrica*, August 1980); R. J. Barro, "Unanticipated Money Growth and Unemployment in the United States" (*American Economic Review*, March 1977); J. Heckman & J. Macurdy, "A Life Cycle Model of Female Labour Supply" (*Review of Economic Studies*, Econometrics Issue, January 1980); A. Ashenfelter, "Unemployment as Disequilibrium in a Model of Aggregate Labor Supply" (*Econometrica*, April 1980); J. Ham, "A Fixed-Effect Test for Constraints in the Labour Market", University of Toronto, mimeo.

Examination Arrangements: There is a three-hour examination towards the end of the Summer Term. Four questions have to be answered and students have a free choice from around fourteen questions on the paper.

Typically four questions are based on the Lent Term lecture course, eight questions on the seminar series and three on the Summer Term lectures.

Ec2560

Advanced Econometric Theory I

Teacher Responsible: to be arranged
Courses Intended Primarily for M.Sc. (Econometrics) Final Year and M.Sc. (Statistics).

Scope: The courses are intended for students with a considerable background in econometric theory (either at the undergraduate level or in the preliminary year of the M.Sc. (Econometrics)) to provide (a) a general review of econometric theory at a more advanced level, and (b) an introduction to the statistical analysis of time series.

Syllabus:

Asymptotic Theory for Econometrics: probability limits, asymptotic distribution functions, mean square consequence, stochastic orders of magnitude, central limit theorems, maximum likelihood estimation, likelihood ratio tests.

Advanced Econometric Theory I: simultaneous dynamic models, instrumental variables, two stage and three stage least squares, limited and full information maximum likelihood estimates, significance tests, various extensions.

Basic Time Series Analysis: basic structure of time series, stationarity autocorrelation, ARMA models, filtering and testing, linear forecasting, regression with autocorrelated errors, tests of serial independence, Wold decomposition.

Pre-Requisites: A background in statistical theory and econometric theory similar to our undergraduate courses **Probability and Distribution Theory and Econometric Theory**.
Teaching Arrangements: There are three lecture courses:

Ec315 **Asymptotic Theory for Econometrics**. J. D. Sargan. 10 lectures, Michaelmas Term.

Ec316 **Advanced Econometric Theory**. Teacher to be arranged. 40 lectures, 10 in the Michaelmas Term; 20 in the Lent Term; 10 in the Summer Term.

SM257 **Basic Time Series Analysis**. J. Durbin and A. Harvey. 20 lectures, Michaelmas Term. The lectures for Ec316 are arranged to take place in two successive hours each week. Each second lecture is intended to be more informally conducted with the possibility of questions, discussion, and some problem setting.

Written Work: Some problems will be set in the Christmas and Easter vacations in connection with Ec316. Solutions which are handed in will be reviewed.

Reading List:

Asymptotic Theory for Econometrics: H. Cramer, *Mathematical Methods of Statistics*; C. R. Rao, *Linear Statistical Inference and its Applications*; P. Dhrymes, *Econometrics, Statistical Foundations and Applications*.
Advanced Econometric Theory: H. Theil, *Principles of Econometrics*; P. Schmidt, *Econometrics*; G. Judge et al., *Econometrics in Theory and Practice*.

Basic Time Series Analysis: E. J. Hannan, *Time Series Analysis*; A. Harvey, *Time Series Models*.

Students might be expected to buy G. Judge et al., and A. Harvey.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper is divided into two parts. Part I is based on **Asymptotic Theory for Econometrics and Advanced Econometric Theory I**. It contains eight questions, two of which are intended to be particularly relevant to the former course. Part II contains four questions on the **Basic Time Series Analysis** course. Candidates are required to answer four questions, at least two questions from Part I of the paper.

Ec2561

Advanced Econometric Theory II

Teacher Responsible: Dr. J. Magnus, Room S581

Courses Intended Primarily for M.Sc. (Econometrics).

Scope: This paper covers a set of courses given by different members of staff with interests in different special topics in econometrics and the statistical analysis of time series.

Syllabus: The courses consist of a set of short lecture courses of 10 or 5 hours plus a rather longer course "Further Time Series Analysis" of 20 hours. The topics are as follows.

Ec318 **Qualitative Response Models**. Hugh Wills. 10 lectures. Lent Term. Qualitative dependent variables, methods of estimation and application.

Ec319 **Matrix Differential Calculus**. Jan Magnus. 10 lectures. Michaelmas Term.

Matrices, differentials, optimization (general), typical optimization problems, the linear model, maximum likelihood, comparative statics, other applications, L-structures, (0,1),

matrices, Jacobians, inequalities.

Ec320 **Statistical Forecasting and Control**. A. C. Harvey. 10 lectures. Michaelmas Term. State space models, Kalman filter, forecasting and control theory.

Ec321 **Non-Linear Techniques in Econometrics**. J. Davidson. 10 lectures. Michaelmas Term. Numerical methods of non-linear optimisation, identification, maximum likelihood and minimum distance estimators, non-linear simultaneous equation models.

Ec322 **Asymptotic Properties of M. L. Estimators**. Jan Magnus. 5 hours. Lent Term. Existence of M. L. Estimator, consistency when the observations are serial dependent, asymptotic normality, efficiency.

SM258 **Further Time Series Analysis**. Professor J. Durbin. 20 lectures. Lent Term. Spectral methods, multivariate models, causality.

Pre-Requisites: Intended for the student with a good general background in econometric theory and time series analysis. Normally only for the student who is also taking the paper "Advanced Econometric Theory I".

Teaching Arrangements: The short courses follow each other through the year using the same weekly hours and locations. A student might expect to take up to about 40 hours on these lectures to have an adequate choice in the examination. The actual course identifiers and teachers are given above. The numbers taking the courses are expected to be sufficiently small that some informal interaction and problem solving will be organized by the teacher.

Reading List:

Qualitative Response Models: T. Amemiya, "Qualitative Response Models: A Survey" (*Journal of Economic Literature*, 1981); T. A. Domencich & D. McFadden, *Urban Travel Demand*; C. Marski & D. McFadden, *Structural Analysis of Discrete Data with Econometric Applications*.

Matrix Differential Calculus: References will be provided at the start of the course.

Statistical Forecasting and Control: A. Harvey, *Time Series Models*; G. Chow, *Analysis and Control of Dynamic Economic Systems*; B. D. O. Anderson & J. B. Moore, *Optimal Filtering*.

Non-Linear Techniques in Econometrics: S. M. Goldfeld & R. E. Quandt, *Non-Linear Methods in Econometrics*.

Further Time Series Analysis: P. Bloomfield, *Fourier Analysis of Time Series*; A. C. Harvey, *Time Series Models*.

Asymptotic Properties of M. L. Estimators: References will be provided at the start of the course.

Examination Arrangements: There is a three-hour formal examination in the Summer

Term. The paper is divided up into parts corresponding to each separate course. One question is set per five hours of lecturing. Students are required to answer four questions, to be selected from at least two parts of the paper.

Ec2570

Advanced Mathematical Economics I

Teacher Responsible: Dr. A. Shaked, Room S275

Courses Intended Primarily for M.Sc. in Econometrics and Mathematical Economics and M.Sc. in Economics.

Scope: These papers introduce the student to a number of related topics in advanced economic theory which are currently the subject of research interest.

Pre-Requisites: Students are expected to be familiar with the material covered in the undergraduate paper **Mathematical Economics**. Some of the lectures assume familiarity with calculus, linear algebra and elements of analysis.

Teaching Arrangements: There are 5 lecture courses of 10 hours each.

Ec305 Introduction to General Equilibrium (Ten hours, Michaelmas Term)

Ec306 Topics in Advanced Mathematical Economics (Ten hours, Michaelmas Term)

Ec310 Organization and Information (Ten hours, Lent Term)

Ec311 Public Economics (Ten hours, Michaelmas Term)

Ec312 Intertemporal Economics (Ten hours, Lent Term)

All students should attend the fortnightly seminar in **Mathematical Economics** (Ec314) as well as the **Theoretical Economics Workshop** at the International Centre for Economics and Related Disciplines.

Syllabuses and Basic References: **Introduction to General Equilibrium**: This course begins with a revision of the elements of the Arrow-Debreu model and then applies these to the question of existence of equilibrium. It goes on to consider the question of existence of equilibrium. It goes on to consider how these methods can be applied to the analysis of a variety of situations: equilibrium when there are fixed prices and quantity rationing, equilibrium over time, stochastic equilibria and so on. The emphasis is on the structure of these models and on the nature and existence of equilibrium.

Basic Reference: G. Debreu, *Theory of Value* (Wiley, 1959).

Topics in **Advanced Mathematical Economics**: Debreu-Scarf theorem; markets with a continuum of traders; monopolistic competition and product differentiation.

Basic Reference: W. Hildenbrand & A.

Kirman, *Introduction to Equilibrium Analysis: Variation on Themes of Walras and Edgeworth*, (North Holland).

Organization and Information: A theory of organization will be developed with special attention to differential information possessed by agents. Organizational coordination will be discussed in the context of the theory of teams, to be followed by the problem of incentives arising due to moral hazard and adverse selection.

Basic References: K. J. Arrow, *The Limits of Organization*: C. B. McGuire & R. Radner (Eds.), *Decision and Organization*.

Public Economics: The programming approach to optimality and equilibrium. The Diamond-Mirrlees Theorems, productive efficiency and optimal taxation. Externalities and public goods. Revelation of preferences and incentive compatibility. Accounting prices and Social Benefit-Cost analysis.

Intertemporal Economics: Exhaustible resources, optimum population growth and intergenerational equality.

Examination Arrangements: In AME I the entire assessment is based on the candidate's performance in a three-hour examination held in the Summer Term. The paper is divided into five sections. Each section corresponds to one of the lecture courses offered for that paper and contains three questions relating to that course. Candidates must answer four questions chosen from at least three sections. No credit is given for attempting more than four questions or for attempting more than the permitted number of questions from each section. Candidates are expected to answer all questions fully and will be penalized for not answering any part of a question.

Ec2571

Advanced Mathematical Economics II (Not available 1984-85)

Economic History Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
EH100	The Economic History of Great Britain and the U.S.A., 1850-1939 Mr. D. E. Baines and Mr. J. Potter	24/MLS	EH1600
EH101	Modern British Society in Historical Perspective Professor T. C. Barker, Dr. P. Earle, Mr. M. Falkus, Professor L. Hannah, Dr. C. M. Lewis, Professor E. A. Wrigley and Dr. P. Johnson	24/MLS	EH1601
EH102	Society and Economy of Early Modern England Dr. P. Earle	20/ML	EH1626
EH103	Economic and Social History of Britain from 1815 Dr. E. H. Hunt	20/ML	EH1630
EH104	Family and Community in Britain Since 1830 Dr. P. Johnson	20/ML	EH1631
EH106	Economic History of the U.S.A. from 1783 Mr. J. Potter	28/MLS	EH1641; EH2615; EH2660
EH107	Modern British Business in Historical Perspective, 1900-1980 Dr. G. G. Jones and Dr. J. M. Liebenau	25/MLS	EH1660
EH108	Economic History of England, 1216-1603 Dr. A. R. Bridbury	20/ML	EH1620
EH109	A Comparative Study of Modern Economic Development in Russia, Japan and India Mr. M. Falkus and Dr. G. G. Jones	20/ML	EH1643
EH110	Latin America and the World Economy Dr. C. M. Lewis	24/MLS	EH1644
EH111	Introduction to Quantitative Methods in Economic History Mr. J. Potter and Dr. W. P. Kennedy	22/MLS	EH111
EH119	The Economy of England, 1350-1500 (Intercollegiate Class) Dr. A. R. Bridbury	30/MLS	EH1770
EH130	British Labour History, 1815-1939 Mr. D. E. Baines and Dr. E. H. Hunt	25/MLS	EH2700; Id4222

Lecture/ Seminar Number			Study Guide Number
EH131	History of Transport from the Turnpike to the Motorway Professor T. C. Barker	25/MLS	EH2701
EH132	The Sources and Historiography of the Economic History of England, 1350-1500 — Seminar Dr. A. R. Bridbury	25/MLS	EH2600
EH133	The Sources and Historiography of the Economic History of England in the 17th Century — Seminar Dr. P. Earle	25/MLS	EH2605
EH134	The Sources and Historiography of British Economic History from the later 18th Century — Seminar Professor T. C. Barker and Dr. W. P. Kennedy	24/MLS	EH2610
EH135	Workshop in Economic History Research Dr. W. P. Kennedy and others	12/MLS	EH135
EH136	The Sources and Historiography of the Economic History of the U.S.A., 1890-1930 — Seminar Mr. J. Potter	30/MLS	EH2615
EH138	Economic History of the 16th and 17th Centuries — Seminar Dr. P. Earle	12/MLS	EH138
EH139	Seminar on Modern Economic History Professor T. C. Barker and Mr. M. Falkus	10/ML	EH139
EH141	Economic History of the U.S.A. Since 1873 — Seminar Mr. J. Potter	24/MLS	EH2660
EH142	Aspects of Latin American Economic History Since Independence — Seminar Dr. C. M. Lewis	26/MLS	EH2715
EH143	Quantitative Economic History Discussion Group Mr. D. E. Baines, Dr. W. P. Kennedy and Professor Floud	12/MLS	EH143
EH144	Modern Business History — Seminar Professor L. Hannah	10/M	Ac2002; Ac2003
EH145	The Latin American Experience of Economic Imperialism Dr. C. M. Lewis	20/ML	EH2780
EH146	Growth, Poverty and Policy in the Third World Since 1850 Dr. C. M. Lewis	25/MLS	EH2790
EH147	The Brazil Workshop Dr. C. M. Lewis	12/MLS	EH147

ECONOMIC HISTORY

EH111
Introduction to Quantitative Methods in Economic History
 Teachers Responsible: Mr. J. Potter, Room C420 and Dr. W. P. Kennedy, Room C319 (Secretaries: Miss G. Martin and Mrs. T. Truman, C321)
 Course Intended Primarily for B.Sc. (Econ.) Part II; graduate students in Economic History and others interested.
 Syllabus: Will be given during the course.
 Teaching Arrangements: 22 lectures (EH111), Sessional.
 Recommended Reading: Will be given during the course.
 Examination Arrangements: Non-examinable.

EH135
Workshop in Economic History
 Teachers Responsible: Professor T. C. Barker, Room C222, Dr. W. P. Kennedy, Room C319 and others (Secretary, Administrative Secretary, C419)
 Course Intended Primarily for Research students and M.Sc.
 Teaching Arrangements:
 (i) For Research students: Fortnightly, Michaelmas and Lent Terms.
 (ii) For M.Sc.: Fortnightly, Lent and Summer Terms.
 Examination Arrangements: Non-examinable.

EH138
Economic History of the Sixteenth and Seventeenth Centuries (Seminar)
 Teachers Responsible: Dr. Peter Earle, Room C422 (Secretary, Administrative Secretary, C419)
 Course Intended Primarily for Research students.
 Teaching Arrangements: Fortnightly seminars (EH138), Michaelmas and Lent Terms, at the Institute of Historical Research.
 Examination Arrangements: Non-examinable.

EH139
Seminar on Modern Economic History
 Teachers Responsible: Professor T. C. Barker, Room C222 and Mr. M. E. Falkus, Room C314 (Secretary, Administrative Secretary, C419)
 Course Intended Primarily for Research students.
 Teaching Arrangements: Fortnightly seminars (EH139), Michaelmas and Lent Terms, at the Institute of Historical Research.
 Examination Arrangements: Non-examinable.

EH147
Brazil Workshop
 Teacher Responsible: Dr. C. M. Lewis, Room C320 (Secretaries: Miss G. Martin and Mrs. T. Truman, C321)
 Course Intended Primarily for Research students.
 Teaching Arrangements: Fortnightly seminars (EH147), Sessional.
 Examination Arrangements: Non-examinable.

EH1600
Economic History of Great Britain and the USA 1850-1939
 Teacher Responsible: Mr. D. E. Baines, Room C414 (Secretary, Jenny Law, C419, Ext. 371)
 Course Intended Primarily for B.Sc. (Econ.) Part I.
 Scope: The course compares the economic development of Britain and the USA and the changes in the relationship between them. The course also examines the growth of the international economy and its breakdown after the First World War.
 Syllabus: The British and American economies in 1850. The effects of differences in their economic and social environment. The Southern slave economy. The long and short run effects of the American Civil War in the USA. Change in the economic relationship between the two countries. The causes of westward expansion in the USA. The growth of an international market in agricultural products and its effects on the British and American economies. The finance of industry

in Britain and America. Reasons for the dominance of British trade before the First World War. The relative efficiency of British and American industry and the growth of mass production. The causes and consequences of immigration into the USA. The long and short run effects of the First World War. Changes in the role of government. The British and American economies in the 1920's. The causes of the American slump of 1929 and of the international crisis. British and American recovery from the 1930's depression. A comparison of the growth of trade unions.

Pre-Requisites: There are no formal pre-requisites for the course and no previous knowledge is assumed. It is assumed that most students will also concurrently be following a course in economics.

Teaching Arrangements: Lectures: There is one lecture course (EH100) with 24 lectures in the Michaelmas, Lent and Summer Terms. The lectures are shared by Mr. Baines and Mr. Potter. Mr. Baines lectures on Britain and the international economy and Mr. Potter on the USA — usually in alternate weeks. A lecture programme will be circulated at the first meeting.

Classes: The lectures are accompanied by weekly classes (EH100a) sessional. Classes are given by several different teachers. They do not necessarily deal with the same topics each week but they all cover the same ground.

Written Work: Students are expected to present five essays or class papers during the year.

Reading List: The following are particularly useful.

B. W. Poulson, *Economic History of the United States*; R. M. Robertson & G. M. Walton, *History of the American Economy*; P. Mathias, *The First Industrial Nation*; D. H. Aldcroft, *The British Economy Between the Wars*.

Other useful books are:

A. G. Kenwood & A. L. Locheed, *The Growth of the International Economy 1820-1960*; J. Potter, *The American Economy between the World Wars*; M. Jones, *American Immigration*; E. Hobsbawm, *Industry and Empire 1750-1950*; A. W. Coats and R. M. Robertson (Eds.), *Essays in American Economic History*; L. J. Williams, *Britain and the World Economy 1919-70*; A. Milward, *The Economic Effects of the World Wars on Britain* (Pamphlet); P. Fearon, *The Origins of the Great Slump 1929-33*, (Pamphlet); R. Floud & D. McClosky (Eds.), *The Economic History of Britain Since 1700 Volume 2 1860 to the 1970's*.

(There is a fuller reading list available and list of class topics in the Library).

Examination Arrangements: There is a 3 hour examination containing 10 questions of which 4 have to be answered. About a half of the questions are comparative.

Both Part I and Part II students take the same examination but Part II candidates are marked to a higher standard.

Past examination papers are available in the Library.

EH1601

Modern British Society in Historical Perspective

Teacher Responsible: Professor T. C. Barker, Room C222 (Secretary, Administrative Secretary, C419)

Course Intended Primarily for B.Sc. (Econ.) Part I students.

Scope: The course examines in outline the historical background to the institutions and problems of present-day British society.

Syllabus: The course is in two parts. The first part provides an outline of British economic and social history since c. 1700, concentrating particularly on the past hundred years; the second part examines various modern institutions and problems in their historical context. Social, economic and demographic background to the Industrial Revolution; social and economic effects of the Industrial Revolution; the demographic transition after 1870; changes and problems in British society and economy, 1870-1914; effects of World Wars on British society; the interwar years; social and economic change and problems since the Second World War; the changing nature of poverty; rise of big business; imperialism; trade unions; unemployment; the growth of leisure and the media; changing role of women; class; the State and society.

Pre-Requisites: None.

Teaching Arrangements: Lectures: Weekly lectures (EH101) will be given by a variety of lecturers, each of whom is a specialist in his subject.

Classes: Each lecture is followed by a class (EH101a) in which students will have the opportunity to discuss the lecture, having read further about its subject-matter in the interval. Each class will have the same teacher throughout the session. Students are expected to prepare essays to be handed in at class and marked by class teachers. Each student should write four or five essays in the session.

Reading List: There is no single textbook which covers the whole course satisfactorily and the lectures themselves are intended to serve this purpose. The following is a list of general books which can be used to provide background to the detailed readings which are provided for each week's class topic. Theo Barker & Michael Drake (Eds.), *Population and Society in Britain, 1850-1980*; François Bedarida, *A Social History of England 1851-1975*; Harold Perkin, *Origins of Modern English Society, 1780-1880*; Eric Hobsbawm, *Industry and Empire: an Economic History of Britain since 1750*; S. Pollard, *Development of the British Economy, 1914-67*; A. S. Milward, *Economic Effects of the World Wars on Britain*; A. Marwick, *Britain in the Century of Total War: war, peace and social change, 1900-67*; J. F. Wright, *Britain in the Age of Economic Management*; Eric J. Thompson (Ed.), *Social Trends*, No. 10 (Central Statistical Office 1980); A. H. Halsey, *Change in British Society*; J. Ryder & H. Silver, *Modern English Society: history and structure, 1850-1970*.

Supplementary Reading List: A detailed handout will be issued at the beginning of the course. This lists lectures and class topics and the readings for each class. Xeroxed copies of the specified readings will be available on request at the Reserve Counter in the Main Library.

Examination Arrangements: There is a three-hour formal examination after the end of the course in which four questions have to be answered out of a choice of twelve. Previous years' examination papers are available in the Library.

EH1620

Economic History of England 1216-1603

Teacher Responsible: Dr. A. R. Bridbury, Room C315 (Secretaries, Miss Gail Martin and Mrs. Tess Truman, C321)

Course Intended Primarily to be taken as an original paper by B.Sc. (Econ.) students in their second or third year.

Scope: This paper surveys the interaction of market forces with a feudal social structure and shows what developments took place in town and countryside when violent demographic changes dissolved many feudal ties and industrialisation created new

opportunities in society. It then shows how society responded to a renewal of demographic pressure in the sixteenth century. **Syllabus:** Manorial structures and estate management; peasant life and village communities; the function and influence of towns; internal and foreign trade; industrial organisation; pestilence and famine; the dissolution of the manorial demesne and the rise of the copyholder; the expansion of clothmaking; the impact of Reformation and enclosure movements on the land; social and economic consequences of inflation and demographic recovery.

Pre-Requisites: No previous knowledge of the subject is necessary.

Teaching Arrangements: The course consists of weekly lectures (EH108) and classes (EH108a) throughout the Michaelmas and Lent Terms. Students are encouraged to hand in short papers on topics prepared for discussion in class as often as they can find time to prepare them. None of these papers is read out in class.

Written Work: At least one thoroughly prepared essay per term.

Reading List: An annotated reading list will be provided at the start of the course.

There are two good introductory studies: J. Bolton, *The Medieval English Economy*; E. Miller & J. Hatcher, *Medieval England*.

For important work on particular problems, see:

E. M. Carus-Wilson, *Essays in Economic History*, Vol. II; Eileen Power, *The Medieval Wool Trade*; Z. Razi, *Life, Marriage and Death in a Medieval Parish*; R. A. L. Smith, *Canterbury Cathedral Priory*; P. D. A. Harvey, *A Medieval Oxfordshire Village*.

Examination Arrangements: Three-hour formal examination.

EH1626

Society and Economy of Early Modern England

Teacher Responsible: Dr. Peter Earle, Room C422 (Secretary, Ms. Jenny Law, C419)

Course Intended Primarily for B.Sc. (Econ.) students specializing in Economic History 2nd year; other B.Sc. (Econ.) students as optional course 2nd or 3rd year.

Scope: The course examines in outline the social and economic history of England

between the late sixteenth and early nineteenth centuries.

Syllabus: Demography, social structure and mobility; village life and town life; the family and the role of women in society; education, literacy, popular culture and recreation; ideology and religion, law and order. The organization of work and the labour market; agriculture, protoindustrialization, urbanization and the beginnings of industrialization; inland and foreign trade and communications and the growth of a consumer society. Particular attention will be paid to the social and economic causes of the Industrial Revolution and its pre-conditions and why it should have occurred first in England.

Pre-Requisites: None.

Teaching Arrangements:

Lectures: Weekly lectures (EH102 ML) given by Dr. Earle

Classes: Weekly classes (EH102a ML) also given by Dr. Earle.

Some classes are broadly linked to the lectures, some are designed to cover topics not discussed in lectures. Each week, two or more students are required to prepare a paper on a specific topic and to lead a discussion on that topic. Each student is expected to do some background reading for each class and to prepare four or five papers in the course of the session.

Reading List: There is no satisfactory textbook covering the whole course. Textbooks, both in social and economic history tend to cover either the period up to about 1700 or the period of the Industrial Revolution (roughly 1700-1850). Students are recommended to buy at least two textbooks to cover the whole period but to make their choice after they have sampled the books in the library.

Peter Laslett, *The World We Have Lost*; Keith Wrightson, *English Society, 1580-1680*; B. A. Holderness, *Pre-Industrial England: Economy and Society, 1500-1700*; M. Anderson, *Approaches to the History of the Western Family, 1500-1914*; L. Stone, *The Family, Sex and Marriage in England, 1500-1800*; R. B. Outhwaite (Ed.), *Marriage and Society: Studies in the Social History of Marriage*; E. A. Wrigley & R. S. Schofield, *The Population History of England, 1541-1871*; D. Cressy, *Literacy and the Social Order: Reading and Writing in Tudor and Stuart England*; Keith Thomas, *Religion and the Decline of Magic: Studies in Popular Beliefs in Sixteenth and Seventeenth-Century England*; M. Spufford, *Small Books and Pleasant Histories: Popular Fiction and its Readership in Seventeenth-Century England*; Peter Mathias, *The First Industrial Nation*; Roy Porter, *English Society*

in the Eighteenth Century; R. W. Malcolmson, *Life and Labour in England, 1700-1780*; Harold Perkin, *The Origins of Modern English Society, 1780-1880*; Peter Earle, *The World of Defoe*; Douglas Hay et al., *Albion's Fatal Tree: Crime and Society in Eighteenth-Century England*; J. S. Cockburn (Ed.), *Crime in England, 1550-1800*; R. S. Neale, *Class in English History, 1680-1850*; E. J. Hobsbawm, *The Age of Revolutions, 1789-1848*; Clive Emsley, *British Society and the French Wars, 1793-1815*; Neil McKendrick (Ed.), *The Birth of a Consumer Society*; Geoffrey Holmes, *Augustan England: Professions, State and Society, 1680-1730*.

Supplementary Reading List: Students should note that most of the books recommended above are textbooks or books of a general nature that provide an introduction to the course. In preparing class papers and essays, students will be expected to be familiar with the more specialized literature — often recent articles in periodicals — on specific topics. A detailed reading list will be handed out together with the list of topics at the beginning of the course.

Examination Arrangements: Three-hour formal examination in the Summer Term.

EH1630

Economic and Social History of Britain from 1815

Teacher Responsible: Dr. E. H. Hunt, Room C415 (Secretary, Administrative Secretary, C419)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u.

Syllabus: The course surveys the main aspects of British economic and social history since 1815. For further details see the list of lecture and class topics available from Dr. Hunt or the Administrative Secretary.

Pre-Requisites: This is a non-specialist survey course taken by second and third-year undergraduates, some of whom are not taking any other courses in economic history. Most of those who take the course have some prior knowledge of Britain's recent history and some acquaintance with economics, but the course has been taken successfully by students with neither.

Teaching Arrangements: Classes (EH103a) and lectures (EH103) are held weekly and students should attend both. Class topics are generally complementary to the lecture syllabus and some classes supplement particular lectures. For times of classes and lectures, and room numbers, see the posted timetables.

Written Work: A minimum of 4 essays or written class papers is required.

Reading List: The course reading list is deposited in the Library and copies are available from Dr. Hunt or the Administrative Secretary. As in most history courses, students are not expected to read deeply upon every part of the syllabus, but to read selectively, concentrating upon topics appropriate to their academic and vocational interests. For this reason there is no "minimal reading list" although the books and articles that are likely to be found especially useful are indicated on the course reading list. These indicated items should be found in the Teaching Library as well as the Main Library. Recommended general books, of interest to students who want to anticipate, or to sample, the course, are the following. These are also the books that students are most likely to find worth buying.

P. Mathias, *The First Industrial Nation* (1983); D. H. Aldcroft, *The British Economy Between the Wars* (1983); E. H. Hunt, *British Labour History 1815-1914*, (1981); L. J. Williams, *Britain and the World Economy 1919-70* (1971). The booklets by Alford, Gourrish, Milward, Musson and Saul in the Macmillan *Studies in Economic and Social History* series.

Examination Arrangements: A three hour formal examination in the Summer Term. Four questions to be selected from a wide choice of questions. Past examination papers can be consulted in the Library.

EH1631

Family and Community in Britain Since 1830

Teacher Responsible: Dr. Paul Johnson (Secretary Ms. Gail Martin, C321)

Course Intended Primarily for B.Sc. (Econ.) students specialising in Economic History 2nd year; other B.Sc. (Econ.) students as optional course 2nd or 3rd year.

Scope: The course examines the impact on British society of urban growth and industrial development since 1830.

Syllabus: Social change is studied by looking at developments in the structure and function of family and community groups from the early years of the industrial revolution to the modern 'post-industrial' world. Among the topics covered are: Urban development and class formation; children's employment; education and social control; domestic servants and female workers; prostitution and

the 'double standard'; middle-class suburban development; town planning; the remaking of the working class 1870-1914; professional sport and commercialised leisure; religion and the decay of urban churches; the people's health; urban poverty and rural romanticism; the decline in fertility and the liberation of women; philanthropy and self-help; municipal socialism; the role of the workplace in community development; the social impact of the First World War; long-run changes in relative welfare; unemployment and demoralisation; holidays and landladies; the mass media; the decline of aristocratic influence; 'traditional' communities and the rise of the nuclear family; the welfare state.

Pre-Requisites: None.

Teaching Arrangements: There are weekly lectures (EH104) and classes (EH104a) in the Michaelmas and Lent Terms. Some of the classes are linked to the lectures, some cover in detail topics that are not included in the lecture course. Students are expected to write four or five class papers during the session, and to lead a discussion on their chosen topics; the papers will be collected at the end of the class and graded. Every student is expected to do some reading for each class, and to contribute to the discussion. A list of class topics will be distributed at the start of the course.

Reading List: A detailed reading list covering class and lecture topics will be handed out at the start of the course. Students are not expected to look at all the works listed, but they should cover their selected topics in considerable depth. The following books provide a brief introduction to the course: Theo Barker & Michael Drake (Eds.), *Population and Society in Britain, 1850-1980*; Francois Bedarida, *A Social History of England 1851-1975*; A. H. Halsey, *Change in British Society*; Paul Thompson, *The Edwardians*; John Scott, *The Upper Classes*; Standish Meacham, *A Life Apart*; J. H. Treble, *Urban Poverty in Britain*; Robert Roberts, *The Classic Slum*; Maud Pember Reeves, *Round About A Pound a Week*. **Examination Arrangements:** There is a three-hour formal examination in the Summer Term. The paper contains 12 questions, any four of which are to be attempted.

EH1641

Economic History of the USA from 1783

Teacher Responsible: Mr. J. Potter, Room C420 (Secretary, Miss G. Martin, C321)

Course Intended Primarily for B.Sc. (Econ.) VIII Economic History; B.Sc. (Econ.) Other Part II students; B.Sc. c.u.

Scope: Following a brief introduction to the American economy during the Colonial Period, the course examines American economic experience as a case study in economic development and studies the main themes of American economic history from the achievement of nationhood to the present. **Syllabus:** Economic problems and policies in the first decades of the American republic. Consideration of factors influencing American economic development before and during the Civil War; the frontier and access to natural resources; supply of capital and the evolution of financial institutions; supply and recruitment of labour; invention and innovation.

Developments in transport, agriculture and industry; the financing and construction of canals and railroads; the disposal of public lands and the westward movement; the first phase of growth in manufacturing. Governments and economic life; federal and state finance; role of governments in the growth of the economy. The USA and the outside world; Atlantic economy; trade and shipping; migration and capital importation; economic fluctuations.

The aftermath of the Civil War. The completion of railroad building and territorial settlement. Agricultural expansion: foreign and domestic markets.

Population: immigration; geographic dispersion and occupational structure; labour and trade unions.

Regional variations: economic problems of the agrarian West and South; growth of industries in new areas; distribution and marketing. The capital market. Urbanisation. The rise of modern industry in the U.S.A.; changes in industrial structure; mass production and mass marketing. New means of transport and new forms of industrial energy.

Role of governments in economic life. Protest movements; populism and progressivism and the response of government. The First World War and its consequences. The U.S. economy in the 1920's: achievements and problems. Economic and other aspects of the New Deal. The American economy since 1945.

Pre-Requisites: An outline knowledge of

American history is desirable, but not essential. Similarly, familiarity with simple economic concepts is desirable, but not essential. B.Sc. (Econ.) Part II students who have taken the course EH100 at Part I (*The Economic History of Great Britain and the USA 1850-1939*) are not debarred from taking this course at Part II, but EH100 is not an essential pre-requisite. General Course students may take both EH100 and EH106.

Teaching Arrangements: The course is divided into three parts and students taking the final examination must take all three parts. Part i and Part ii of the course are available to Single-Term students during the Michaelmas and Lent Terms respectively.

Part (i) 1790-1865; Michaelmas Term: one lecture and one class per week.

Part (ii) 1865-1930; Lent Term: one lecture and one class per week.

Part (iii) since 1930; Summer Term: Eight or more meetings of 1½ hours consisting of talks on selected topics by different speakers followed by discussion; meetings held thrice weekly during the first three weeks of the Summer Term. Classes will also continue for the first four weeks of the Summer Term.

Lectures (EH106) and classes (EH106a) for Part (i) and Part (ii) of the course are given by Mr. Potter. In Part (iii) of the course lectures will also be given by outside speakers.

Written Work: All students joining the classes for the course will be required to give class papers and submit written essays to their class teacher.

Reading List: (Textbooks)

W. Brownlee, *Dynamics of Ascent, History of the American Economy* (2nd edn.), 1979; L. W. Davis, J. R. T. Hughes & D. M. McDougall, *American Economic History*, 1961; L. E. Davis & others, *American Economic Growth*, 1972; E. C. Kirkland, *A History of American Economic Life* (4th edn.) 1969; S. P. Lee & P. Passell, *A New Economic View of American History*, 1979; A. W. Niemi, *U.S. Economic History* (2nd edn.) 1980; B. W. Poulson, *Economic History of the United States*, 1981; R. M. Robertson & G.M. Walton, *History of the American Economy*, 1979; H. N. Schieber, H. G. Vatter & H. U. Faulkner, *American Economic History*, 1976; S. Ratner, J. H. Soltow & R. Sylla, *The Evolution of the American Economy*, 1979.

Examination Arrangements: One three-hour examination held in June. The examination paper consists of twelve questions out of which any four must be answered.

EH1643

A Comparative Study of Modern Economic Development in Russia, Japan and India

Teachers Responsible: Mr. M. E.

Falkus, Room C314 and Dr.

Geoffrey Jones, Room C313

(Secretaries, Miss Gail Martin and Mrs. T. Truman, C321, Ext. 368)

Course Intended Primarily for B.Sc. (Econ.), 2nd or 3rd Year.

Scope: The paper surveys the economic development of Russia, India and Japan over the last two hundred years.

Syllabus: The course will cover the broad trends in the economic development of Russia, Japan and India during the 19th and 20th centuries. The emphasis will be comparative, and the course will concentrate on the particular problems of economic growth. Particular attention will be paid to the impact of the international economy, and to the political environment in which development has taken place.

Pre-Requisites: None.

Teaching Arrangements: Lectures: There are weekly lectures (EH109) in the Michaelmas and Lent Terms. These lectures are designed to provide a course outline, and attendance is strongly advised.

Classes: There are also weekly classes (EH109a), which are broadly linked to the lectures but which are designed to discuss topics in more detail than the lectures. The general format is that in each class a student presents a paper on a specific topic, which is followed by a general discussion. Attendance at every weekly class is expected, and students are also expected to have done some background reading before the class. A list of the class topics covered in the course, and the recommended reading for each topic, will be given out at the first class of the course. All lectures and classes are taken either by Dr. G. Jones (C313) or Mr. Falkus (C314). Dr. Jones and Mr. Falkus may cover different topics in their classes, a procedure which helps to reduce pressure on specific reading material in any one week. Dr. Jones and Mr. Falkus are available to see students during their office hours (see notices on their doors), or at other times by appointment.

Written Work: Students will be expected to present one essay to their class each term, which will be handed in for marking after the class. In addition, students are encouraged to write at least two other essays during the course.

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Reading List: There is no general textbook covering the whole course. However, there are a number of books providing good general surveys of the economic development of the three countries (those marked with an asterisk* are in cheap paperback editions and the student may find it convenient, although not absolutely necessary to purchase their own copies).

*G. C. Allen, *A Short Economic History of Modern Japan*; *N. Charlesworth, *British Rule and the Indian Economy, 1800-1914*; P. Chaudhuri, *The Indian Economy: Poverty and Development*; *M. Falkus, *The Industrialisation of Russia 1700-1914*; *J. Hirschmeier & T. Yui, *The Development of Japanese Business* (2nd edn., 1981); W. W. Lockwood, *The Economic Development of Japan*; T. Nakamura, *The Postwar Japanese Economy*;

*A. Nove, *An Economic History of the USSR*; *R. K. Ray, *Industrialisation in India 1914-1947*; R. Tomlinson, *The Political Economy of the Raj 1914-1947*.

Supplementary Reading List: It is important for students to note that the books on the recommended reading list are only designed to provide a general introduction to the course. In preparing class papers and essays, students will be expected to be familiar with the more specialised literature — often recent articles in journals — on specific topics. The class reading lists circulated at the beginning of the year will provide the references to this literature.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper contains 17 questions, of which four are to be answered. About one quarter of the questions are comparative, and the rest of the questions are on one of the three countries. The questions are closely related to the topics covered in the classes. Copies of previous years' papers are available.

EH1644

Latin America and the World Economy

Teacher Responsible: Dr. Colin M.

Lewis, Room C320 (Secretaries, Ms. Gail Martin, Mrs. Tess Truman, C321, Ext 368)

Course Intended Primarily for B.Sc. (Econ.), B.Sc. (c.u.)

Scope: The course examines the nature of Latin America's evolving relationship with the international economy since the mid-nineteenth century.

Syllabus: Locating current development problems within an historical context, the programme will test recent controversies — from the Platt/Steins dependency debate to the discussion about the new international economic order — with reference to specific issues and case-studies. The principal themes addressed include: the political economy of incorporation within the world economy — alternative development strategies; domestic structures and patterns of overseas trade; population and natural resource; urbanisation; migration and social change; agriculture — land usage and agrarian reform; industrialisation — national capital and multinational corporations; wars, depressions and crises; the state, ECLA and regional co-operation; foreign economic policy; authoritarian regimes — economic policies and performance.

Pre-Requisites: None.

Teaching Arrangements: Parallel programme of lectures (EH110) and class (EH110a) (one hour each per week) MLS.

Lectures: Weekly data handouts.

Classes: Weekly pre-circulated synopses of discussion topics.

Written Work: Four items of written work (class papers/vacation essays) to be produced during the session.

Reading List: C. Abel & C. M. Lewis (Eds.), *Latin America: economic imperialism and the state*; B. Albert, *South America and the World Economy*; F. H. Cardoso & E. Faletto, *Dependency and development in Latin America*; K. Duncan & I. Rutledge (Eds.), *Land and Labour in Latin America*; R. French-Davis & E. Tironi (Eds.), *Latin America and the New International Order*; E. V. K. Fitzgerald et al., *The State and Economic Development in Latin America*; C. Furtado, *Economic Development of Latin America*; A. O. Hirschman, *A bias for hope*; Rh. O. Jenkins, *Dependent industrialisation in Latin America*; D. C. M. Platt (Ed.), *Business imperialism*; S. J. & B. H. Stein, *The Colonial Heritage of Latin America*; M. P. Todaro, *Economic Development in the Third World*; V. L. Urquidi & R. Thorp (Eds.), *Latin America in the International Economy*.

Supplementary Reading List: Detailed biographies will be distributed in connection with the lecture.

Examination Arrangements: Three-hour formal examination.

EH1660

Modern British Business in Historical Perspective

Teacher Responsible: Dr. Geoffrey Jones, Room C313 (Secretary, C321)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Acct.; Dip. Bus. Studies; others welcome.

Syllabus: This course attempts to integrate the writings of economists, sociologists, historians and others on the rise of "managerial capitalism" in the context of the twentieth century history of British business.

Comparisons are made with the experience of other countries, particularly with Germany and America. Topics include the historical background to the rise of the corporate economy; advantages and disadvantages of large scale enterprise; rising industrial concentration; the divorce of ownership and control; multinationals; technology and science in business; the role of the state; the professionalisation of management and the recruitment of business leaders; developments in labour management; and the social responsibility of business. The course includes case studies of major British firms as well as a thematic treatment of major issues in interpreting the modern corporation.

Pre-Requisites: None.

Teaching Arrangements: EH107 weekly lectures from the 1st week of the Michaelmas Term to the 5th week of the Summer Term. The first term focuses on Britain's economic decline and the background to British business history; subsequently more specific themes are investigated. As no textbook for this new topic is available, lectures are essential.

EH107a classes related to the above, starting in the second week of the Michaelmas Term.

Written Work: Two orally-delivered papers and two separate written essays are required from each student in connection with the seminars.

Reading List: A full list will be distributed at the opening lectures and classes. It is also available from the Economic History Department (C320 where there is also a selection of the reading available) and the Business History Unit (R427).

The following are among the major recommendations:

A. D. Chandler & H. Daems (Eds.), *Managerial Hierarchies*; J. Child, *The Business Enterprise in Modern Industrial Society*; C. Erickson, *British Industrialists: Steel and Hosiery 1850-1950*; L. Hannah, *The Rise of the Corporate Economy*; S. J. Prais, *The Evolution*

of Giant Firms in Britain; R. S. Sayers, *A History of Economic Change in England 1880-1939*; B. Supple (Ed.), *Essays in British Business History*; J. F. Wright, *Britain in the Age of Economic Management: An Economic History Since 1939*.

Examination Arrangements: There is a three-hour final examination in the Summer Term for the B.Sc. (Econ.). 4 out of 17 questions must be answered, and the assessment for the course is based upon the examination.

EH1720

EH2640

Economic and Social History of England 1377-1485

Teacher Responsible: Dr. A. R.

Bridbury, Room C315 (Secretaries, Miss Gail Martin and Mrs. Tess Truman, C321)

Course Intended Primarily for B.Sc. (Econ.) Part II students and for M.Sc. students.

Scope: This course examines the adaptation forced upon the feudal structure by the violent demographic upheavals caused by the Black Death. It studies the effects of these upheavals upon each of the classes of society as well as upon the towns and upon government interests. And it surveys the economy that emerged from this fourteenth-century crisis, its demography, its village life, its commercial and industrial developments, its conflicts, and its regulation by central and local government.

Syllabus: Wage and price history; labour legislation; popular disturbances; the disappearance of the manorial demesne; changes in farming patterns; industrial development; urban protest and renewal; the life-style of the aristocratic, middle and peasant classes in the fifteenth century; the Black Death as a demographic regulator; foreign policy and government finance; economic and social implications of foreign and civil war; the regulation of economic and social life; the role of aliens.

Pre-Requisites: It would be an advantage to have taken the paper **Economic History of England 1216-1603** before tackling this special subject.

Teaching Arrangements: There are 24 weekly classes (EH113) only.

Written Work: At least two thoroughly prepared essays per term.

Reading List: A full reading list will be

EH1725

EH2645

Economic and Social History of England, 1660-1714

Teacher Responsible: Dr. Peter Earle, Room C422 (Secretary, Administrative Secretary, C419)

Course Intended Primarily for B.Sc. (Econ.) students specializing in Economic History 3rd Year for whom it counts as two examination papers; M.Sc. students specializing in Economic History as a companion course to "The Sources and Historiography of the Economic History of England in the Seventeenth Century". Students should note that this course will be discontinued following the 1984/85 session.

Scope: The course examines in detail the economic and social history of England between 1660-1714. This is a specialized course which requires wide reading in contemporary printed sources.

Syllabus: The syllabus is as wide as possible and covers what used to be called political economy, economic history, social history and the history of social and economic ideas. Students are encouraged to specialize within the broad field. Topics include studies of contemporary writers such as Pepys, Defoe, Davenant, King; agriculture and agrarian structure, population and family history, trade, industry, popular culture and education, business and business methods, religion, urbanization and a wide range of subjects in which politics impinges on economic affairs such as debates on proposed parliamentary legislation, the finance of warfare, commercial treaties and the state of the coinage.

Pre-Requisites: Undergraduates are expected to have taken the course "Economic History of England, 1603-1830" in their Second Year.

Teaching Arrangements: All teaching is done in weekly two-hour seminars (EH114) during the Michaelmas and Lent Terms. Each week one student will read a detailed paper on a pre-arranged topic and the other members of the class will then discuss it. Numbers are usually fairly small and students are expected to read about four or five papers in the course of the session. The time and place of the seminar depends on the number of students and will be arranged at the beginning of the session.

Reading List: Very wide reading in both modern historical literature and in contemporary printed sources is necessary for success in this course. The list below is designed to provide a general background only. Students should use their own judgement in buying books but will probably find it useful to purchase a copy of the collection of printed documents edited by Thirsk and Cooper.

J. Thirsk & J. Cooper, *Seventeenth-Century Economic Documents*; J. R. Jones, *Country and Court: England 1658-1714*; J. H. Plumb, *The Growth of Political Stability in England, 1675-1725*; P. Earle, *The World of Defoe*; D. C. Coleman, *The Economy of England, 1450-1750*; Keith Thomas, *Religion and the Decline of Magic*; Paul Hazard, *The European Mind, 1680-1715*; Samuel Pepys, *Diary*, (Ed. Matthews and Latham); Daniel Defoe, *A Tour Through the Whole Island of Great Britain*, (2 vols. Everyman edition); Keith Wrightson, *English Society, 1580-1680*; Michael Anderson, *Approaches to the History of the Western Family, 1500-1914*.

Supplementary Reading List: A detailed (13 page) reading list with a general list and specific reading for each of 34 possible class topics will be given to students at the beginning of the course.

Examination Arrangements: Undergraduates: Can be examined either by two three-hour formal examinations in the Summer Term in each of which candidates are required to answer three questions out of ten or by one three-hour examination and a 10,000 word essay written in the student's own time on a subject to be agreed with Dr. Earle. Most candidates do in fact opt for the latter choice. M.Sc. students: There is a three-hour formal examination in September in which three questions have to be answered out of seven. Copies of previous examination papers are available.

**EH1726
EH2646**

The Economy and Society of London, 1600-1800

Teacher Responsible: Dr. Peter Earle, Room C422 (Secretary, Ms. Jenny Law, C419, Ext. 371)

Course Intended Primarily for B.Sc. (Econ.) students specializing in Economic History 3rd year; M.Sc. students specialising in Economic History. Other students are welcome. The course will not be taught until 1985/6.

Scope: Social, economic and some political and cultural history of London in the seventeenth and eighteenth centuries. A specialized course which will require wide reading in contemporary printed sources.

Syllabus: Demography, immigration, health and medicine; economic growth and change, the industries of London, finance, banking and the rise of the City, inland trade and inland transport, the port and overseas trade, changes in consumption and the retail business; the rise of the professions, the merchant community, artisans and journeymen, poor relief and charity; apprenticeship, changing roles of London Livery Companies, government of the metropolis; topography, building, social structure and social geography; education and the growth of literacy, crime and police; selected topics in political history, e.g. London and the Civil War; the rise of the newspaper, entertainment and the commercialization of leisure, the "Londoner" in Jacobean and Restoration theatre.

Pre-Requisites: Undergraduates are expected to have taken the course **Society and Economy of Early Modern England** in their second year.

Teaching Arrangements: Two-hour seminars (EH114) in C422. Time to be arranged at beginning of session.

Reading List: Very wide reading in both modern historical literature and in contemporary printed sources is necessary for success in this course. The list below is designed to provide a general background only. N. Brett-James, *The Growth of Stuart London* (1935); J. Summerson, *Georgian London* (3rd edn., 1978); G. Rude, *Hanoverian London, 1714-1808* (1971); D. George, *London Life in the Eighteenth Century* (1925); R. Finlay, *Population and Metropolis* (1981); P. G. M. Dickson, *The Financial Revolution in England* (1967); P. Earle, *The World of Defoe* (1976); G. Holmes, *Augustan England: Professions, State and Society, 1680-1730* (1982); P. Rogers, *Grub Street* (1972); N.

McKendrick, *The Birth of a Consumer Society* (1982); R. C. Latham & W. Matthews, *Samuel Pepys's Diary* (1970-82); D. Defoe, *A Tour Through the Whole Island of Britain* (Everyman, 2 vols., 1927); D. Defoe, *The Complete English Tradesman* (1727); R. Campbell, *The London Tradesman* (1747); A. S. Turberville, *Johnson's England* (1933).

Supplementary Reading List: A detailed list will be given to students at the beginning of the course.

Examination Arrangements: Three-hour formal examination in which three questions are to be answered.

EH1727

The Peopling of America

Teacher Responsible: Mr. J. Potter, Room C420 (Secretaries, Ms. Gail Martin and Mrs. Tess Truman, C321, Ext. 368)

Course Intended Primarily for B.Sc. (Econ.) Part II Papers 4 & 5, Special Subject, Economic History, 3rd Year. Other B.Sc. (Econ.) options. It is possible to write a Project as Paper 6 within the syllabus of the course.

Scope: The course studies demographic aspects of American History since the first Census of 1790. Its intention is to examine the complexities of the question asked by de Crevecoeur in 1782: "What is an American?".

Syllabus: An introduction to the study of the population of America since 1790. Topics studied include: population growth rates and their variations and determinants over time and among regions; natural growth and immigration; the family in American life; age and sex structures, causes and consequences; slavery; ethnic groups, the frontier, internal mobility; urbanisation; the changing role of women. Case studies will be taken from among the topics listed. Emphasis will be placed on changes over time, and on geographical and ethnic diversity.

Pre-Requisites: The course assumes prior knowledge of the main outlines of American history. It will be an advantage, but not a requirement, for students to have taken, or be taking, Course EH106 and/or EH100. Prior knowledge of demographic theories and statistical methods is not necessary, but students are required to make use of statistical materials from the US Censuses.

Teaching Arrangements: The course is taught in seminars (EH115) of 90 minutes, meeting weekly during the Michaelmas and Lent Terms and for about five weeks of the Summer Term.

Lectures: There will be a combination of lectures and student papers throughout the year.

Written Work: All students are expected to submit at least two written essays, and two oral presentations to the class. One of the oral reports is a project based on direct use of one or more of the US Censuses.

Reading List: A full list is provided for all participants. The following bibliography is not inclusive, but is intended to indicate the standard and nature of the course. K. Conzen, *Immigrant Milwaukee 1836-80* (1976); N. F. Cott & E. H. Pleck (Eds.), *A Heritage of Her Own* (1979); C. N. Degler, *At Odds: Women and the Family in America from the Revolution to the Present* (1980); R. W. Fogel & S. L. Engerman, *Time on the Cross* (1974); C. N. Glaab & T. Brown, *The History of Urban America* (1976); H. G. Gutman, *The Black Family in Slavery and Freedom 1730-1925* (1976); O. Handlin, *Boston's Immigrants 1790-1865* (1941); T. K. Haroven & M. A. Vinovskis, *Family and Population in Nineteenth Century America* (1978); T. K. Haroven (Ed.), *Anonymous Americans* (1971); M. Holli & P. d'A. Jones, *The Ethnic Frontier* (1977); *Ethnic Chicago* (1981); P. D. McClelland & R. J. Zeckhsusen, *Demographic Dimensions of the New Republic* (1982); Yans McLaughlin, *Family and Community, Italian Immigrants to Buffalo 1880-1930* (1971); T. R. Malthus, *An Essay on the Principle of Population* (1978); H. S. Nelli, *The Italian in Chicago 1880-1930* (1970); G. Osofsky, *Harlem: The Making of a Ghetto* (1967); J. Potter, "The Growth of Population in America 1700-1860" in D. V. Glass & D. E. C. Eversley, *Population in History* (1965); C. J. & I. R. Taeuber, *The Changing Population of the United States* (1958); S. Thernstrom, *Poverty and Progress: Social Mobility in a Nineteenth Century City* (1969); Y. Yasuba, *Birth Rates of the White Population in the United States 1800-1860* (1962).

Examination Arrangements: One three-hour examination taken in June, requiring four questions to be answered.

Project: (Paper 6). The subject must be agreed with Mr. Potter in advance and a typed manuscript submitted to the Examinations Office by 1 May.

EH1728

The Development of the International Economy 1870-1914

Teacher Responsible: Mr. M. Falkus, Room C314 (Secretary, Ms. Gail Martin and Mrs. Tess Truman, C321, Ext. 368)

Course Intended Primarily for B.Sc. (Econ.) students specialising in Economic History 3rd year, but other students are welcome. The course will not be taught until 1985/86.

Scope: The theme of this course is the growth and development of the international economy, concentrating on international trade, capital movements, and migration. Particular attention is paid to the economic relationships which evolved between the developed and less developed areas of the world.

Syllabus: The course will involve a study of the commodity and geographical structure of world trade; commercial policy; the development of international communications; the import of transport improvements; international economic fluctuations and price movements; exports and imports of capital; the international currency system and the adoption of the gold standard; the 'staple' approach to the development of temperate lands; international migration; the international diffusion of innovators; the economic policies of colonial people towards their possessions; the concept of "centre and periphery" in development; the spread of international labour movements; the early growth of multinational companies.

Teaching Arrangements: 25 weekly seminars, (EH116).

Reading List: A detailed reading list will be given at the beginning of the course. The following is a basic list of books. A. Kenwood & A. Louhheed, *The Growth of the International Economy 1820-1960* (1971); W. Ashworth, *A Short History of the Historical Economy for 1850* (1962); W. Woodruff, *Import of Western Man* (1966); M. R. Davie, *World Immigration* (1936); J. B. Condliffe, *The Commerce Nations* (1951); G. C. Allen & A. G. Donnithorne, *Western Enterprise in Indonesia and Malaya: A Study in Economic Development* (1957); M. de Cecco, *Money and Empire: The International Gold Standard 1890-1914* (1974); D. A. Farnie, *East and West of Suez: The Suez Canal in History* (1969); H. Feis, *Europe, the World's Banker, 1870-1914* (1930); A. J. Latham, *The International Economy and the Underdeveloped World 1865-*

1914 (1978); M. E. Fletcher, "The Suez Canal and World Shipping" Found in *Economic History*, 18 (1958); J. L. Kieve, *The Electrical Telegraph: A Social and Economic History* (1973); A. R. Hall (Ed.), *The Export of Capital from Britain, 1870-1914* (1968); H. R. Willis, *A History of the Latin Monetary Union* (1968); A. J. Latham, *Old Colobar 1600-1891: The Impact of the Historical Enemy upon a Traditional Society* (1973); R. J. Hammond, *Portugal and Africa, 1815-1910* (1966); W. A. Lewis (Ed.), *Imperial Development, 1880-1913* (1970); P. Lamartine Yates, *Forty Years and Foreign Trade 1870-1914* (1960); C. G. Simkin, *The Traditional Trade of Asia* (1968); S. Forbes Munro, *Africa and the International Economy 1800-1969* (1976); G. S. Graham, "The Assembly of the Sailing Ship, 1850-85" *Economic History Review*, 9 (1956); A. Bloomfield, *Patterns of Fluctuation in International Investment Before 1914* (1968); B. Thomas, *Migration and Economic Growth* (1954); W. A. Lewis, *The Evolution of the International Economic Order* (1978).

Examination Arrangements: Three-hour formal examination.

EH1735

Britain and the International Economy 1929-36

Teacher Responsible: Mr. D. E. Baines, Room C414 (Secretary, Jenny Law, C419 Ext. 371)

Course Intended Primarily for B.Sc. (Econ.) Part II Papers 4 and 5 Special Subject Economic History 3rd year.

Other students (including graduates) may attend with permission. Students should note that this course will be discontinued following the 1984/85 session.

Scope: The course examines the causes and consequences of the international depression which started in 1929 and the reasons for the recovery. About one half of the course centres on Britain and one half on international developments. Students are expected to read contemporary official reports etc.

Syllabus: Topics on Britain include: The problems of the British economy in the 1920's. The long run course of economic growth. The 1931 Financial Crisis. Economic advice and the problems of implementing it. The effects of protection on industry and agriculture. Monetary policy. Regional income differentials and the location of industry. Long run trends in industry and business.

Social policy and the redistribution of income. The cause and effects of demographic change. The position of organized labour. Topics on international economy include: The long run consequences of the First World War. The international financial crisis. Problems of the primary producing countries. The spread of the U.S. depression to Europe. The London Conference. The cause and consequences of the relative decline of international trade in the 1930's. The course of the depression and recovery and the role of government policy in the U.S.A., Germany, Japan, Sweden, Australia and France.

Pre-Requisites: There are no formal requirements but the course is aimed at third year undergraduates specializing in Economic History. All specialist students taking this course will have already taken at least one course in economics and at least two in economic history.

Teaching Arrangements: The course is taught in 25 two-hour classes (EH116) in the Michaelmas, Lent and Summer Terms. There will be 1 or 2 preliminary meetings in the Summer Term of the previous year. Papers for discussion in class are circulated in advance. Students will find other lecture courses helpful, notably the later parts of 'Economic and Social History of Britain Since 1815' and 'The USA in the 1930's and Beyond'.

Written Work: Students are expected to present at least 4 papers during the course. In addition, Mr. Baines will set and mark individual essays if required.

Reading List: It is obviously impossible to give the whole of the course reading list. The main list contains about 40 books and 20 articles that are regarded as the most important and a supplementary reading list of about 90 books and 90 articles. The reading list can be consulted in the Library.

There are *no* required textbooks but students will find the following particularly useful. Kindleberger would be the best single purchase.

C. P. Kindleberger, *The World in Depression 1929-39*, 1973; League of Nations (B. Ohlin), *The Cause and Phases of the World Economic Depression*, 1931; I. Svenillson, *Growth and Stagnation in the European Economy*, 1945; League of Nations (R. Nurkse), *International Currency Experience*, 1944; H. W. Arndt (R.I.I.A.), *Economic Lessons of the 1930's*, 1944; L. V. Chandler, *America's Greatest Depression 1929-41*, 1970; D. H. Aldcroft, *The Inter-War Economy*, 1970; S. Howson, *Domestic Monetary Management in Britain 1919-38*, 1975; U. K. Hicks, *The Finances of British Government 1920-36*, (2nd edn.), 1969; R. Skidelsky, *Politicians and the Slump: The*

Labour Government of 1929-31, 1967; G. W. Guillibaud, *The Economic Recovery of Germany*, 1939; M. Bowley, *Housing and the State*, 1945; E. H. Cole & M. Cole, *The Condition of Britain*, 1937; M. Wolfe, *The French Franc between the Wars*; Royal Institute of International Affairs, *The Problem of International Investment*, 1939; E. Burns, *British Unemployment Programmes 1920-38*, 1941; D. V. Glass, *Population Policies and Movements in W. Europe*, 1940.

Report of the Royal Commission on Population CMD 7695 1949.

Articles: M. E. Falkus, 'US Economic Policy and the dollar gap of the 1920's' *Economic History Review*, 1971; J. Dowie, 'Growth in the Inter-War years: some more arithmetic' *EHR*, 1968; M. E. Falkus, 'The German business cycle in the 1920's' *EHR*, 1975; D. Williams, 'London and the 1931 Financial Crisis' *EHR*, 1963; D. S. Champerkowne, 'The uneven distribution of employment in the UK' *Review of Economics and Statistics*, 1937 and 1938; S. Rowson, 'Statistical Survey of the cinema industry in Britain in 1934' *Journal of the Royal Statistical Society*, 1936.

Examination Arrangements: There are two 3 hour formal examinations taken in June. The papers usually contain 11 questions of which 4 are to be answered. Paper I concentrates on Britain and Paper II on the international economy. Past examination papers may be consulted in the Library or are available from Mr. Baines.

Students may substitute a project of not more than 10,000 words for one of the papers. The subject of the project must be agreed with Mr. Baines in advance. The typed and loose bound manuscript must be handed into the Examinations Office by 1 May.

EH1740
EH2655

Britain and the International Economy 1919-64

Teacher Responsible: Mr. D. E. Baines, Room C414 (Secretary, Jenny Law, C419, Ext 371)

Course Intended Primarily for B.Sc. (Econ.) Part II Special Subject Economics and Economic History, 3rd year and, starting in 1985/86, for Special Subject Economic History, 3rd year.

Other B.Sc. (Econ.) options.

M.Sc. Economic History.

Other students may attend with permission.

Scope: The course examines the development of the British economy since the First World War; the main changes in the international economy and their effect on Britain.

Syllabus: The long run effects of the First World War on Britain. The Gold Standard. Long run trends in British economic performance. The World Financial Crisis and the decline of international trade in the 1930's. British recovery in the 1930's and the significance of government policy. Changes in economic thought and its implementation.

The nature of the war economy 1939-45. Bretton Woods and the post-war financial settlement. The United States in the World Economy. Economic management under the post-war Labour and Conservative governments. International trade and the Third World. The comparative economic performance of European countries. Housebuilding and housing policy. Regional income differentials. Trends in the structure of industry and business. Changes in social policy and the distribution of income.

Pre-Requisites: There are no formal requirements but students should have some background in economics and/or economic history. This course is a compulsory element in the special subject *Economics and Economic History*. Students taking this option will already have taken at least 2 Economics and 2 Economic History courses. Students will find it helpful to attend the lectures in *Economic and Social History of Britain since 1815*.

Teaching Arrangements: A minimum of 20 2-hour seminars (EH118) in the Michaelmas and Lent Terms. Papers to be discussed are xeroxed and circulated in advance. The M.Sc. and B.Sc. (Econ.) students attend the same class but if numbers are too great there will be separate classes.

Written Work: Students are expected to present at least 3 papers during the course. In addition, Mr. Baines will set and mark

individual essays if required.

Reading List: The reading list is too long to give here but it can be consulted in the Library. There is a main reading list of about 25 books and 15 articles and a supplementary list of a further 60 books and 50 articles. *Some of the most useful books:* (* = probably the best to purchase).

*J. F. Wright, *Britain in the Age of Economic Management*, 1979; *S. Pollard, *The Development of the British Economy 1914-64*, 1967; R. Nurkse, *International Currency Experience*, 1944; *W. M. Scammel, *The International Economy 1945*, 1980; *C. P. Kindleberger, *The World in Depression 1929-39*, 1973; B. W. E. Alford, *Prosperity and Depression*, 1972; S. Howson, *Domestic Monetary Management in Britain 1919-38*, 1975; D. Winch, *Economics and Policy*, 1969; L. Hannah, *The Rise of the Corporate Economy*, 1976; A. S. Milward, *The War Economy 1939-45*, 1977; G. D. N. Worswick & P. M. Adey, *The British Economy 1945-50*, 1952; *The British Economy in the 1950's*, 1962; A. K. Cairncross, *Factors In Economic Development*, 1962; J. C. R. Dow, *The Management of the British Economy 1945-1960*; R. M. Titmuss, *Problems of Social Policy*; H. G. Johnson, *The World Economy at the Crossroads*, 1965; L. J. Williams, *Britain and the World Economy 1919-1970*, 1971; A. Boltho (Ed.), *The European Economy*, 1982; R. C. O. Matthews, C. H. Feinstein, K. T. C. Oduns-Smee, *British Economic Growth, 1856-1973*, 1982.

Articles: M. E. Falkus, 'US Economic Policy and the Dollar Gap of the 1920's' *Economic History Review*, 1971; J. Dowie, 'Growth in the inter-war period: some more arithmetic' *Economic History Review*, 1968; D. Williams, 'London and the 1931 Financial Crisis' *Economic History Review*, 1963; R. Nurkse, 'International investment today in the light of nineteenth century experience' *Economic Journal*, 1954; R. C. O. Matthews, 'Why growth rates differ' *Economic Journal*, 1969.

Examination Arrangements: There is one 3 hour examination. The paper for B.Sc. (Econ.) students is taken in June. It contains about 16 questions of which 4 are to be answered. The paper for the M.Sc. students is taken in September. It contains about 12 questions of which 4 are to be answered. Past examination papers are available in the Library or from Mr. Baines.

EH1750

Problems in Quantitative Economic History

Teacher Responsible: Dr. W. P. Kennedy, Room C319 (Secretaries Miss G. Martin and Mrs. T. Truman, C321)

Course Intended Primarily for B.Sc. (Econ.) Part II — Special Subject, Economics and Economic History.

Scope: The purpose of the course is to aid students in the preparation of an essay of approximately 10,000 words on a topic of their choice within the broad field of quantitative economic history.

Syllabus: A general consideration of the analytical formalization of problems in economic history followed by detailed examination of the research work of individual students.

Pre-Requisites: Intermediate level economic and statistical analysis.

Teaching Arrangements: The course is taught over a two-year period in 17 fortnightly seminars (EH117), each of 1½ to 2 hours long. In the five seminars held in the Michaelmas Term, second-year students attempt to express formally various arguments that have been advanced to account for Britain's Industrial Revolution and to assess the quantitative significance of the various arguments and their supporting assumptions. Beginning in the Lent Term, the fortnightly seminars are attended by both second and third-year students and are devoted to consideration of the research projects of the third-year students. During the Michaelmas Term, third-year students will have been preparing preliminary drafts of their project, discussing their work individually with the course supervisors. The remaining seminars in each Session will be devoted to consideration of possible research topics by second-year students, enabling them to begin fruitful work sometime during the long vacation before their final year.

Written Work: In the Lent Term, second year students will be expected to complete several exercises, most of which will require the use of computer packages. For the final seminars of each Session, second-year students must present brief outlines (3-5 pages in length) of their proposed project, although they are not bound subsequently to adhere to that outline. Third-year students are expected to provide members of the Seminar with preliminary drafts of their projects.

Reading List: Each student is expected to prepare for himself or herself, in consultation

with the course supervisor and other members of staff, the bibliography for his or her project. The readings used by second-year students during the Michaelmas Term are as follows:

N. F. R. Crafts, "English Economic Growth in the Eighteenth Century: A Re-Examination of Deane and Cole's Estimates" *Economic History Review*, Vol. 29, May, 1976, 226-235; D. N. McCloskey, "Did Victorian Britain Fail?" *Economic History Review*, Vol. 23, December, 1970, 446-459; S. B. Webb, "Tariffs, Cartels, Technology and Growth in the German Steel Industry, 1879-1914" *Journal of Economic History*, Vol. 40, June, 1980, 309-329; J. M. Stone, "Financial Panics: Their Implications for the Mix of Domestic and Foreign Investments of Great Britain", *Quarterly Journal of Economics*, Vol. 85, May, 1971, 304-326; M. Edelstein, "Rigidity and Bias in the British Capital Market, 1870-1913", in D. N. McCloskey (Ed.), *Essays on a Mature Economy: Britain after 1840* (London: Methuen, 1971) 83-105; N. F. R. Crafts, "Gross National Product in Europe, 1870-1910: Some New Estimates", *Explorations in Economic History*, Vol. 20, October, 1983, 387-401.

Examination Arrangements: The assessment for the course is based entirely on an essay of approximately 10,000 words in length submitted to the Examinations Office on the first working day of May in the student's final year.

EH1770

The Economy of England 1350-1500

Teacher Responsible: Dr. A. R. Bridbury, Room C315 (Secretaries, Miss G. Martin and Mrs. Tess Truman, C321)

Course Intended Primarily for B.A. History students in their second and third years taking this as their special subject.

Scope: This course and the syllabus for it are very much the same as for the B.Sc. (Econ.) special subject: *Economic History of England 1377-1483*. There is this difference that the course is taught, as far as possible, from printed documents, and, as far as possible, from translated documents or documents originally written in English.

Pre-Requisites: No previous knowledge of the subject is required or presumed.

Teaching Arrangements: There are weekly

classes (EH119) starting at the beginning of the Summer Term of the second year and continuing in term-time until the end of the following Lent Term.

Written Work: At least two essays per term.
Reading List: A full reading list is provided at the start of the course.

Examination Arrangements: The examination consists of one paper and a long essay of not more than 5,000 words. The choice of essay is only limited by feasibility and the essay is supervised throughout its period of preparation.

EH2600

The Sources and Historiography of the Economic History of England 1350-1500

Teacher Responsible: Dr. A. R. Bridbury, Room C315 (Secretaries, Miss Gail Martin and Mrs. T. Truman, C321)

Course Intended Primarily for M.Sc. and all interested graduate students.

Scope: This course examines the main economic and social features and developments of the period from the point of view of the documentary sources with the object of finding out what we can hope to discover from them and what we can expect them to tell us. It then turns to modern writers in order to show how variously these sources have been interpreted in the last hundred years.

Syllabus: Demographic trends; the farming scene; village life; industrial change; urban developments; internal and foreign trade; the regulation of economic activity; warfare; public finance; the role of the middle and upper classes in social and economic life.

Pre-Requisites: Some previous knowledge of the period is desirable; but a keen student, however ignorant to start with, should be able to cope with the demands of the course.

Teaching Arrangements: Weekly classes (EH132) in term-time throughout the academic year, continuing through the summer by arrangement, if required.

Written Work: Students must expect to write papers frequently if they are to get full benefit from close analysis of the source material.

Reading List: A full reading list will be provided at the start of the course.

Examination Arrangements: Examined by a 3-hour written paper in which three questions have to be answered.

EH2605

The Sources and Historiography of the Economic History of England in the Seventeenth Century

Teacher Responsible: Dr. Peter Earle, Room C422 (Secretary, Administrative Secretary, C419)

Course Intended Primarily for M.Sc. students specializing in Economic History.

Scope: The course examines the sources and methods used by historians in writing the economic history of seventeenth-century England.

Syllabus: Reading seventeenth-century handwriting; location and nature of records in national and local archives; problems of using state papers, parliamentary papers, legal records, printed books and pamphlets; specialized study of particular records such as wills and inventories, port books, quarter session records, parish registers, hearth tax returns; specialized study of the sources used in writing on particular areas of economic history such as inland and foreign trade, demography, apprenticeship, industry; discussion of contemporary writers on economic affairs such as Mun, Petty, North, Barbon, Davenant; examination of the historical method of selected historians from Adam Smith to the present day. About two-thirds of the time available is spent on sources.

Pre-Requisites: Students with no prior knowledge of English seventeenth-century economic history are encouraged to take "Economic and Social History of England, 1660-1714" as a companion course.

Teaching Arrangements: There will be a weekly two-hour seminar (EH133) throughout the session in Dr. Earle's room (C422) at a time to be arranged. Dr. Earle will lecture to the group for some of the earlier meetings but the normal form of seminar will be for one of the students to read a paper on a pre-arranged topic and for the other students to discuss it. Students are expected to take full advantage of the School's location in Central London by visiting and working on original documents in archives such as the Public Record Office, Corporation of London Record Office and the British Library.

Reading List: There is no detailed reading list for this course. Students are expected to prepare their own as part of their training. They should not confine themselves to the L.S.E. library and should make full use of the other Central London libraries, particularly the British Library, Guildhall Library and the

University Library (especially the Goldsmiths Collection). The list below is confined to a few useful books with general information on sources. Students should use their own judgement in purchasing books.

J. Thirsk & J. P. Cooper, *Seventeenth-century Economic Documents*; Giles E. Dawson & Laetitia Kennedy-Skipton, *Elizabethan Handwriting*; Godfrey Davies, *Bibliography of British History: the Stuart Period, 1603-1714*, 1982 edn.; A. Browning, *English Historical Documents*, vol. viii 1660-1714; W. B. Stephens, *Sources for English Local History*, (revised edn. 1982); W. E. Tate, *The Parish Chest*; M. S. Giuseppi, *Guide to the MSS Preserved in the Public Record Office*, (1963 edn.); Maurice F. Bond, *Guide to the Records of Parliament*; P. E. Jones & R. Smith, *A Guide to the Records in the Corporation of London Records Office and the Guildhall Library Muniments Room*; B. R. Crick & M. Alman, *A Guide to MSS Relating to America in Great Britain and Ireland*; E. L. C. Mullins, *A Guide to the Historical and Archeological Publications of Societies in England and Wales*, 2 vols.; Alan Macfarlane, *Reconstructing Historical Communities*.

Examination Arrangements: There is a three-hour formal examination in September in which three questions have to be answered out of seven.

EH2610

The Sources and Historiography of British Economic History from the Later Eighteenth Century

Teacher Responsible: Professor T. C. Barker, Room C222 (Secretary, Administrative Secretary, C419)
Course Intended Primarily for M.Sc. in Economic History.

Scope: The object of the course is to introduce students to the source materials available in London for the writing of British economic history and to consider the development of the historiography of the British economy relating to the period 1750-1850.

Syllabus: The course treats, in a roughly chronological sequence starting with Adam Smith and running via Porter and Engels to Clapham and Ashton, the work of authors concerned with some aspect of British economic experience in the period 1750-1850. The purpose is not primarily to provide a thorough study of the events of the period but to examine changing historical perceptions

and to relate these wherever possible to the growing availability of historical records and evidence over time.

Pre-Requisites: A knowledge of British economic history at the level of an introductory university course.

Teaching Arrangements: The course is taught in a sequence of twenty-four two-hour seminars (EH134), meeting once a week. Ten seminars are scheduled for each of the Michaelmas and Lent Terms, and the final four seminars are held in the Summer Term. During the sequence each student will be responsible for at least one seminar presentation, to last approximately an hour, during which the arguments and evidence of a selected author or authors will be critically examined. A very important part of the course consists of visits to the Public Record Office, The House of Lords Record Office, The Midland Bank Archives, The Science Museum and the British Library. A number of specialists on archives and particular aspects of the subject visit the seminar.

Preliminary Reading List:

Adam Smith, *An Inquiry into the Wealth of Nations*; T. R. Malthus, *First Essay on Population*; G. R. Porter, *Progress of the Nation*; Friedrich Engels, *The Condition of the Working Class in England*; Arnold Toynbee, *The Industrial Revolution in England*; George Unwin, *Samuel Oldknow and the Arkwrights*; J. H. Clapham, *The Economic History of Modern Britain*; T. S. Ashton, *The Industrial Revolution*; E. A. Wrigley & R. S. Schofield, *The Population History of England, 1541-1871: A Reconstruction*; Michael J. Cullen, *The Statistical Movement in Early Victorian Britain: The Foundations of Empirical Social Research*; Roderick Floud & Donald McCloskey (Eds.), *The Economic History of Britain Since 1700*. A detailed reading list will be distributed at the beginning of the course.

Examination Arrangements: There is a three-hour formal examination at the beginning of September. The Paper contains 10 questions divided into two parts (sources and historiography) of which three are to be attempted, at least one from each part. One third of the possible marks are awarded to each of the questions. Copies of previous years' papers are available in the Library.

EH2615

The Sources and Historiography of the Economic History of the USA 1890-1929

Teacher Responsible: Mr. J. Potter,
Room C420 (Secretary, Miss G.
Martin, C321)

Course Intended Primarily for M.Sc.
(Economic History); and other interested
graduate students.

Scope: The development of the study of
American economic history in the USA
between 1890 and 1930. The main authors will
be examined in the context of the
development of the disciplines of economics
and history, and of the social sciences
generally, in the USA. The course includes a
survey of the main source materials available
for research in American economic history.

Syllabus: The authors studied are: F. J.
Turner, C. A. Beard, G. S. Callender, J. F.
Jameson, U. B. Phillips, L. C. Gray, F. W.
Taussig, J. R. Commons, W. C. Mitchell, H.
Jerome, Henrietta M. Larson.

Pre-Requisites: A first degree with significant
study in U.S. history and economics.

Teaching Arrangements: The graduate seminar
(EH136) for this course will meet for 1½
hours each week for three terms, a total of 30
seminars. The Seminars are conducted by Mr.
J. Potter. Students are also recommended to
attend lecture course (EH106) **Economic
History of the USA.**

Written Work: Every student taking the course
is expected to write at least two papers for
presentation to the Seminar. The second of
these papers must be written on one of the
authors studied.

Reading List: Ralph Andreano (Ed.), *The New
Economic History, Recent Papers on
Methodology*, 1970; Carl Becker, *Every Man
his Own Historian*, 1935, pp. 114-256; H. H.
Bellot, *American History and American
Historians*, 1952, especially Chapter I; Lee
Benson, *Turner and Beard*, 1960; Ray A.
Billington, *Frederick Jackson Turner*, 1974;
Thomas C. Cochran, *The Inner Revolution,
Essays on the Social Sciences in History*, 1964;
H. S. Commager, *The American Mind*, 1950;
M. Cunliffe & R. W. Winks (Eds.), *Past
Masters: Some Essays on American Historians*,
1969; J. D. Dorfman, *The Economic Mind in
American Civilization*, Vol. 3, 1949; J. D.
Dorfman & others, *Institutional Economics:
Veblen, Commons and Mitchell Reconsidered*,
1963; G. R. Elton, *The Practice of History*,
1967; Jerome Finster (Ed.), *The National*

Archives and Urban Research, 1974; Meyer
Fishbein (Ed.), *The National Archives and
Statistical Research*, 1973; J. Grossman, *The
Department of Labor*, 1973; R. Hofstadter, *The
Progressive Historians*, 1969; David S. Landes
& Charles Tilly, *History as Social Science*,
1971; James Leiby, *Carroll D. Wright and
Labor Reform: the Origins of Labor Statistics*,
1960; David Noble, *Historians against History:
the Frontier Thesis and the National Covenant
in American Historical Writing since 1830*,
1965; James Harvey Robinson, *The New
History*, 1912 (ed. with introduction by
Harvey Wish, 1965); L. F. Schmeckebier, *The
Statistical Work of the National Government*,
1925; Joseph Schumpeter, *Ten Great
Economists*, 1956; E. R. A. Seligman, *The
Economic Interpretation of History*, 1902; F.
Stern (Ed.), *The Varieties of History*; Cushing
Strout, *The Pragmatic Revolt in American
History: Carl Becker and Charles Beard*, 1958.
Examination Arrangements: One three-hour
examination held in September. In Section
One of the paper, students are required to
comment on three out of five extracts from
the writings of the authors studied. In Section
Two of the paper, they have to answer two
questions out of five on the general subject
matter of the course.

EH2640

Economic and Social History of England 1377-1485

See EH1720

EH2645

Economic and Social History of England, 1660-1714

See EH1725

EH2646

The Economy and Society of London, 1600-1800

See EH1726

EH2655

Britain and the International Economy 1919-64

See EH1740

EH2660

Economic History of the U.S.A. Since 1873

Teacher Responsible: Mr. J. Potter,
Room C420 (Secretary, Miss G.
Martin, C321)

Course Intended Primarily for M.Sc. Economic
History. Students taking other taught master's
programmes may take the paper when
appropriate.

Scope: The economic history of the U.S.A.
since 1873. Emphasis is placed on the period
1873-1939, but opportunity is given to follow
topics into the more recent past.

Syllabus: Sources of growth in per capita
incomes; cycles and fluctuations in economic
activity.

The sectors of the economy: agriculture,
mining, manufacturing, transport and
distribution, banking, foreign trade,
government.

The factors of production: Labour, including
immigrants and other minorities; sources and
uses of capital and capital markets; the
frontier; entrepreneurs and technological
change.

There will be opportunities to examine
particular industries, two or three cities,
regional problems, economic aspects of
reform movements of the period, as well as
international economic relations.

Pre-Requisites: There are no specific pre-
requisites for the course. Some knowledge of
U.S. history, economics or economic history is
desirable and students without background in
one of these subjects may be discouraged
from attempting the course.

Teaching Arrangements: EH141. Most of the
teaching is carried out in weekly seminars of
1½ hours extending from the first week of
Michaelmas Term until the third week of the
Summer Term. Papers, or expositions of
topics by students, will form the basis for
discussion in these seminars.

EH106. All students are advised to attend this
lecture course which consists of weekly one-
hour lectures throughout the Michaelmas and
Lent Terms. For students with a weak back-
ground in the subject these lectures are
essential.

EH106(a). During Summer Term a series of 8
lecture/discussion classes of 1½ hours each on

the U.S. economy since 1929 concludes the
teaching for the paper.

Written Work: Students are required to
submit at least four seminar papers or other
written work.

Reading List: There is no single work which
deals exactly with the syllabus for this paper.
Students will need a textbook for reference
and should choose one from the Reading List
(Textbooks) given for courses EH1061.

Emphasis will be placed on the journal
literature. Some of the important articles in
the field, though not the most recent, are
available in the Bobbs-Merrill Reprint Series
in American History.

Other useful collections are:

Harry Scheiber (Ed.), *United States Economic
History*, 1964; A. W. Coats & Ross Robertson
(Eds.), *Essays in American Economic History*,
1969; Stanley Coben & Forrest Hill (Eds.),
*American Economic History, Essays in
Interpretation*, 1966.

Other books covering a large part of the
syllabus include:

Edward C. Kirkland, *Industry Comes of Age,
1860-1897*; Alfred D. Chandler, *The Visible
Hand*; Walter Adams, *The Structure of
American Industry*; Thomas Cochran,
American Business in the Twentieth Century;
Jim Potter, *The American Economy Between
the World Wars*.

National Bureau of Economic Research,
*Trends in the American Economy in the
Nineteenth Century; Output, Employment and
Productivity in the U.S. after 1800*, volumes 24
and 30 in the series *Studies in Income and
Wealth*.

Supplementary Reading List: Readings for
each seminar will be given out at the
beginning of the course. All items should be
available in the Library, though inevitably
some will be lost or stolen and not yet
replaced, or out-of-print, at any point in time.
There will, however, be ample choice. Some
of the most important works to be
recommended on particular topics are:
Paul McAvooy, *The Economic Effects of
Regulation*; Gavin Wright, *The Political
Economy of the Cotton South*; Harvey S.
Perloff & others, *Regions, Resources and
Economic Growth*; Allan Bogue, *From Prairie
to Corn Belt*; Peter Temin, *Iron and Steel in
19th Century America*; S. H. Schurr, *Energy in
the American Economy*; Albro Martin,
Enterprise Denied; Brinley Thomas, *Migration
and Economic Growth*; Milton Friedman &
Anna Schwarz, *Monetary History of the United
States, 1867-1960*; William Woodruff,
America's Impact on the World; Mira Wilkins,
*The Emergence of Multinational Enterprise,
American Business Abroad from the Colonial*

Era to 1914; and *The Maturing of Multinational Enterprise, 1914-70*; Lester V. Chandler, *America's Greatest Depression, 1929-41*; Glen Porter & Harold Livesey, *Merchants and Manufacturers*.

Examination Arrangements: There is a three-hour formal examination early in September for M.Sc. candidates, requiring 3 questions to be answered out of 10. The assessment for the course is based upon the examination.

**EH2700
Id4222**

British Labour History

Labour History

Teacher Responsible: Dr. E. H. Hunt, Room C415 (Secretary, Administrative Secretary, C419)

Course Intended Primarily for M.Sc. Economic History; M.Sc. Industrial Relations. Other graduate students may attend by permission.

Scope and Syllabus: The course covers the main aspects of British labour history between 1815 and 1939. Students taking the M.Sc. in Industrial Relations follow a syllabus that concentrates upon trade unionism, the role of employers, the workplace, and industrial relations. Students taking the M.Sc. in Economic History follow a broader syllabus that embraces most aspects of labour history. **Pre-Requisites:** Most students enrolled for this course will have taken at least one paper in British 19th and 20th century history in their first degree and will have studied economics at some stage.

Teaching Arrangements: All students taking the course attend the seminar **British Labour History, 1815-1939** (EH130). The seminar meets weekly for one and a half hours, in the Michaelmas, Lent and Summer Terms. The usual procedure is a paper by a student or teacher followed by general discussion. Meetings on the period 1815-1914 are arranged by Dr. Hunt, those on the period 1914-39 are arranged by Mr. Baines. Seminar programmes are available from Dr. Hunt or the Administrative Secretary. Students taking the M.Sc. in Industrial Relations attend, in addition, a seminar in **Labour History** (Id118) given by Professor Roberts.

For times and location of seminars and lectures see the posted time-tables.

Written Work: A minimum of 3 papers. Students taking the M.Sc. in Industrial Relations may be required, in addition, to present papers at Professor Roberts' seminar. Papers may be incorporated in work

submitted for course assessment towards the M.Sc. in Industrial Relations.

Reading List: The course reading list is in two parts (1815-1914 and 1914-1939) and is deposited in the Library. Copies are available from Dr. Hunt or the Administrative Secretary. As in most history courses, students are not expected to read deeply on every part of the syllabus, but to read selectively, concentrating upon topics appropriate to their academic and vocational interests. Students taking the M.Sc. in Industrial Relations, when planning their reading, should keep in mind that their's is a less wide syllabus than that followed by students taking the M.Sc. in Economic History. Thus there is no "minimal reading list" although items that are likely to be found especially useful are indicated on the course reading list. These indicated items should be found in the Teaching Library as well as in the Main Library. Recommended general and introductory books, of interest to students who want to anticipate the course or to sample its content, include the following. These are also the books that students are most likely to want to buy, although not all are in print.

E. H. Phelps Brown, *The Growth of British Industrial Relations*, 1959; A. Bullock, *Life and Times of Ernest Bevin*, Vol I, 1960; H. A. Clegg, A. Fox & A. F. Thompson, *British Trade Unions since 1889*, 1964; E. J. Hobsbawm, *Labouring Men*, 1964; E. H. Hunt, *British Labour History, 1815-1914*, 1981; F. C. Mather, *Chartism*, 1965; A. E. Musson, *British Trade Unions, 1824-75*, 1972; H. M. Pelling, *A History of British Trade Unionism*, 1976; B. C. Roberts, *The Trade Union Congress, 1868-1921*, 1958; E. P. Thompson, *The Making of the English Working Class*, 1963.

Examination Arrangements: Students taking this course for the M.Sc. in Industrial Relations are examined separately from those taking the M.Sc. in Economic History (see syllabus above). Both groups sit a formal, 3 hour, written paper in which three questions are answered from a wide choice of questions. Both are classified as pass, fail, or distinction. Industrial Relations students sit their examination towards the end of the Summer Term, Economic History students sit in September. The Industrial Relations examination includes an element of course assessment (see above). Past examination papers can be consulted in the Library.

EH2701

History of Transport from the Turnpike to the Motorway

Teacher Responsible: Professor T. C. Barker, Room C222 (Secretary, Administrative Secretary, C419)

Course Intended Primarily for M.Sc.

(Economic History Option). Graduate students taking courses in Transport Economics and all others interested in transport may attend with Professor Barker's permission.

Scope: The course concentrates on transport's contribution to economic and social change and focusses particularly upon developments in the twentieth century. It deals with traffic rather than with transport modes as such and, while it is concerned mainly with the British experience, attention is paid to international aspects (air and sea) and to transport changes in other countries, especially the U.S.A.

Syllabus: The significance of transport developments since 1950, both national and international, in relation to the earlier growth of water transport, the coming of railways and the ascendancy of the steamship. The growingly important role of road transport and the complementary development of water transport (river and coastal as well as canal) before the coming of railways and their continued importance during the Railway Age.

Railways: the timing of their arrival and spread; their contribution to economic growth and social change; Fogel, Fishlow and Hawke.

The role of horse-drawn transport in urbanisation and suburbanisation. Developments in world shipping in the nineteenth and twentieth centuries and of air transport since 1918.

The mechanisation of road transport: the (neglected) bicycle; electric tramways; motor cars, motor buses, motor lorries and motor cycles.

Competition between road and rail and the reasons for the present plight of railways. Twentieth-century transport problems: accidents, pollution; energy conservation and congestion.

Pre-Requisites: No prior historical knowledge is required but some interest in present-day transport problems will be of help, for it is with the background to these that the course is primarily concerned.

Teaching Arrangements: Weekly classes (EH131), each of two-hour duration, during the Michaelmas, Lent and part of the Summer Term. At each of these discussions on

particular topics are introduced either by Professor Barker (who is currently writing a book on the international impact of motor vehicles) or by students, each of whom will be expected to prepare in detail for a particular class each term as well as to participate in the discussion at other classes. A list of class topics and the recommended reading for each class is handed out at the beginning of the course. (See below). Each student will be expected to write at least one essay per term based upon his/her class paper. This will be marked and subsequently discussed privately with the student concerned.

Preliminary Reading List: T. C. Barker & C. I. Savage, *An Economic History of Transport in Britain*, (now out of print but copies available from Professor Barker); Theo Barker, *The Transport Contractors of Rye*, Athlone Press; H. J. Dyos & D. H. Aldcroft, *British Transport*, Penguin; Philip S. Bagwell, *The Transportation Revolution from 1970*, Batsford paperback; T. C. Barker & Michael Robbins, *A History of London Transport*, Allen and Unwin paperback; J. M. Laux & others, *The Automobile Revolution*, University of North Carolina Press.

A full reading list, with recommendations for each seminar, will be handed out at the beginning of the course. Students who wish to receive this, or who may wish to learn more about the course in order to decide whether to attend it, should come to the first meeting in Room C222 on Thursday, 11 October at 10 a.m.

Examination Arrangements: A three-hour examination will be held in September. The paper will consist of 12 questions, all dealing with topics covered in the classes, from which candidates will be required to answer three. Copies of previous papers may be consulted in the Library.

EH2710

The Population of the United States of America from Colonial Times to the Present

Teacher Responsible: Mr. J. Potter, Room C420 (Secretary, Ms. Gail Martin, C321)

Course Intended Primarily for M.A. Area Studies (U.S.A); M.Sc. (Economic History).

Scope: This course examines the significance of demographic factors in American history, studying the mainland American colonies from first settlement and the U.S.A. since nationhood. Topics studied include: population growth rates and their determinants; natural growth; age and sex structure; the family, slavery; internal mobility; immigration; ethnic groups; urbanisation.

Syllabus: An introduction to the study of American population history. Chronological survey from 1607 to the present; regional differences; the processes of frontier settlement; source materials for the colonial period; the national censuses; problems of evaluation of quantitative data.

Pre-Requisites: The course assumes prior knowledge of the main outlines of American history. Prior knowledge of demographic theories or statistical methods is not required, but students are expected to handle quantitative data and to undertake a project for seminar presentation derived from direct use of census material.

Teaching Arrangements: This is a graduate course and teaching consists of one Seminar (EH140) (of 1½ hours) per week. Roughly half the Seminars, especially in the early part of the course, consist of talks by the Course Teacher, the remainder being dependent on the presentation of papers of members of the Seminar. There will be 25 seminar meetings, 10 each in the Michaelmas and Lent Terms, and 5 in the Summer Term. Students are also recommended to attend lecture courses (EH106) **Economic History of the USA.**

Written Work: Every student taking the course is expected to present to the seminar:

One minor paper, usually the review of one book (or group of articles) chosen from the main course reading list, and

One major paper on a project to be arranged in consultation with the Course Teacher, normally based on the published materials of the U.S. Census. (Copies of all papers presented to the Seminar are retained in the Secretary's office and are available for consultation).

One essay to be written during the Christmas

Vacation.

One specimen examination paper to be written during the Easter vacation.

Reading List: No textbooks are available for this course, but the following books are recommended:

D. J. Bogue, *The Population of the United States*, 1959; James H. Cassedy, *Demography in Early America: Beginnings of the Statistical Mind*, Harvard, 1969; Howard P. Chudacoff, *Mobile Americans: Residential and Social Mobility in Omaha, 1880-1920*, 1972; Kathleen Conzen, *Immigrant Milwaukee, 1836-80*, 1976; William Currie, *A Historical Account of the Diseases of the United States of America*, Philadelphia, 1792; John, Demos, *A Little Commonwealth: Family Life in Plymouth Colony*, New York, 1970; R. J. Dickson, *Ulster Emigration to Colonial America, 1718-1775*; J. Duffy, *Epidemics in Colonial America*, 1953; Richard A. Easterlin, 'Population Issues in American Economic History: A Survey and Critique', in R. E. Gallman (Ed.), *Recent Developments in the Study of Business and Economic History*, 1971; Richard A. Easterlin, *Population, Labor Force and Long Swings*, NBER, 1968; C. J. Erickson, *Invisible Immigrants: The Adaptation of English and Scottish Immigrants in 19th Century America*; R. W. Fogel & S. L. Engerman, *Time on the Cross*, 1974; B. Franklin, *Observations Concerning the Increase of Mankind and the Peopling of Countries*, (1751, 1755 edn.); C. N. Glaab & Brown, *A History of Urban America*, 1976; D. V. Glass & D. E. C. Eversley, *Population in History*, 1965, especially J. Potter, 'Growth of Population in America, 1700-1860'; E. V. Green & V. D. Harrington, *American Population before the Federal Census of 1790*, New York, 1932; Philip J. Greven, *Four Generations: Population, Land and Family in Colonial Andover, Mass.*, Cornell, 1970; H. G. Gutman, *Slavery and the Number Game*, 1975; T. Hershberg, *Philadelphia: Work, Space, Family and Group Experience in the 19th Century*, 1981; K. Hvidt, *Flight to America: the Social Background of 300,000 Danish Emigrants*, 1975; Patricia James, *Population Malthus: His Life and Times*, 1979; M. A. Jones, *American Immigration*, (4th edn.), 1965; Peter R. Knights, *The Plain People of Boston, 1830-1860: a study in City Growth*, 1971; K. A. Lockridge, *A New England Town: the First Hundred Years Dedham, Mass., 1636-1736*, 1970; T. R. Malthus, *An Essay on the Principle of Population*, 1st Essay 1798, Penguin Books ed. 1970, edited by Antony Flew; B. McKelvey, *The Urbanisation of America 1860-1915*, 1963; Edmund S. Morgan, *American Slavery, American Freedom; the Ordeal of Colonial*

Virginia; H. S. Nelli, *The Italians in Chicago 1880-1930*; G. Osofsky, *Harlem: The Making of a Ghetto*, 1967; Robert Dale Owen, *Moral Physiology*, 1830; W. Peterson, *Malthus*, 1979; J. Potter, *The American Economy between the World Wars*, 1975, (section on population); H. Runblom & H. Norman, *From Sweden to America: A History of the Migration*, 1976; R. M. Shryock, *Medicine and Society in America 1660-1860*, 1960; P. A. M. Taylor, *The Distant Magnet: European Emigration to the USA*, 1971; S. Thernstrom, *Poverty and Progress: Social Mobility in a 19th Century City*, 1969; Brinley Thomas, *Migration and Economic Growth: A Study of Great Britain and the Atlantic Economy*, (2nd edn.), 1973; Brinley Thomas, *Migration and Urban Development*, 1972; M. A. Vinovskis, *Family and Population in 19th Century America*, 1978; M. A. Vinovskis, *Studies in American Historical Demography*, 1979; V. Robert Wells, *The Population of the British Colonies in America before 1776*, 1975.

Examination Arrangements: One three-hour examination held in June. The examination paper is divided into three sections, students being required to answer three or four questions, at least one from each section. Section One: general and methodological questions enabling candidates to introduce material in their answers from any part of the course.

Section Two: Colonial period from first settlement, and national period to the mid-nineteenth century.

Section Three: From mid-nineteenth century to the present.

At least one question will consist of a Table of statistics on which the candidate is invited to comment.

EH2715

Aspects of Latin American Economic History Since Independence

Teacher Responsible: Dr. Colin Lewis, Room C320 (Secretaries, Miss Gail Martin and Mrs. Tess Truman, C321, Ext. 368)

Course Intended for M.A., M.Sc., M.A. Area Studies (Latin America), M.Sc. (Economic History).

Scope: The course will address the principal debates in Latin American economic

historiography, focussing upon the major socio-economic 'revolutions' in Latin American history, from the struggle for independence to late twentieth-century social upheavals, and — by reference to specific case-studies — will explore various theories elaborated from, or applied to, the Latin American experience.

Syllabus: Colonial heritage, national consolidation, patterns and determinants of growth during the nineteenth century, social change and the limits to economic modernization, theories and issues of industrialization, external crisis and endogenous response, the state and development, continuity and change during the post-Second World War period.

Pre-Requisites: A reading knowledge of Spanish and/or Portuguese is desirable.

Teaching Arrangements: Weekly two-hour seminars (EH142) Sessional; pre-circulated working papers.

Written Work: Three to four papers during the session; presented to seminar; graded; discussed in private tutorials.

Reading List: A. J. Bauer, *Chilean Rural Society*; J. C. Brown, *A Socioeconomic History of Argentina, 1776-1860*; M. Burgin, *Economic Aspects of Argentine Federalism, 1820-1852*; C. Cardoso (Ed.), *Mexico en el Siglo XIX*; F. H. Cardoso & E. Faletto, *Dependency and Development in Latin America*; E. V. da Costa; *Da Monarquia a Republica*; R. Cortes Conde & S. J. Stein (Eds.), *Latin America: a Guide to Economic History, 1830-1930*; W. Dean, *Industrialization in Sao Paulo*; K. Duncan & I. Rutledge (Eds.), *Land and Labour in Latin America*; P. Evans, *Dependent Development*; P. Casanova Gonzalez, *America Latina en los Anos Treinta*; T. Donghi Halperin, *El Ocaso del Orden Colonial en Hispanoamerica*; A. O. Hirschman, *A Bias for Hope*; O. Ianni, *Industrializacao e Desenvolvimento Social no Brasil*; J. Levin, *The Export Economies*; M. Mamalakis, *The Growth and Structure of the Chilean Economy*; C. Mesa-Lago, *Cuba in the 1970's*; M. C. Meyer & W. C. Sherman, *The Course of Mexican History*; N. Sanchez Albornoz, *The Population of Latin America*; J. R. Scobie, *Revolution on the Pampas*; S. J. Stein, B. A. Stein, G. di Tella & M. Zymelman, *Las Etapas del Desarrollo Economico Argentino*; R. Thorp & G. Bertram, *Peru, 1890-1977*; A. Villela Villanova & W. Suzigan, *Government Policy and the Economic Growth of Brazil, 1889-1945*.

Examination Arrangements: One three-hour examination taken in June; un-divided question paper; three questions to be answered from choice of 12.

EH2780

The Latin American Experience of "Economic Imperialism"

Teacher Responsible: Dr. Colin M. Lewis, Room C320 (Secretaries, Miss Gail Martin and Mrs. Tess Truman, C321)

Course Intended Primarily for M.A., M.Sc., M.A. Area Studies (Latin America), M.Sc. (Economic History): Option B (from 1984-85).

Scope: The course will focus upon the continuing debate about the relationship of Latin America and the world economy in the period since c. 1850. It will discuss the three principal bodies of literature which facilitate an understanding of 'imperial' connections: the British historiography on 'informal empire' and 'business imperialism'; the US literature on expansionism in the region; Latin American writings on dependence.

Syllabus: The programme opens with an introductory review of basic concepts and theories — of imperialism and dependency, of growth and development, of the nature of the state.

Specific issues will subsequently be addressed by reference to concrete case-studies:

1. 'Informal empire' — external indebtedness, implications of export-led growth, patterns of railway investment.
2. US expansionism — multinational corporations, plantation agriculture, exploitation of oil.
3. Dependency debate — Prebisch thesis, associated capitalist development, limits of ISI.

Pre-Requisites: None.

Teaching Arrangements: Weekly two-hour seminars, Michaelmas and Lent Terms; pre-circulated working papers.

Written Work: Three papers during session; presented to seminar; graded; discussed in private tutorials.

Reading List: C. Abel & C. M. Lewis, *Latin America, Economic Imperialism and the State*; F. Cardoso & E. Faletto, *Development and Dependency*; R. H. Chilcote & J. C. Edelstein (Eds.), *Latin America*; J. Cotler & R. R. Fagen (Eds.), *Latin America and the United States*; W. R. Louis (Ed.), *Imperialism: The Robinson and Gallagher Thesis*; R. Prebisch, *The Economic Development of Latin America*; D. C. M. Platt (Ed.), *Business Imperialism, 1840-1930*; R. Owen & B. Sutcliffe (Eds.), *Studies in the Theory of Imperialism*; H. Radice (Ed.), *International Firms and Modern Imperialism*; I. Roxborough, *Theories of Dependence*; S. J. Stern & B. A. Stern, *The Colonial Heritage of Latin America*.

Supplementary Reading List: Detailed

biographies will be provided for case-studies.
Examination Arrangements: One three-hour examination taken in June; divided question paper (3 sections); three questions to be answered from choice of twelve.

EH2790

Growth, Poverty and Policy in the Third World Since 1850

Teacher Responsible: Dr. Colin M. Lewis, Room C320 (Secretaries, Miss Gail Martin and Mrs. Tess Truman, C321)

Course Intended Primarily for M.Sc. Economic History — Option B.

Scope: By reference to specific comparative case-studies (located in the Middle East, the Indian subcontinent, South-East Asia, the circum-Caribbean and South America), the course will explore the principal socio-economic changes that have occurred in the Third World since 1850, concentrating upon national and international developments.

Syllabus: (a) Brief discussion of concepts.

(b) Chronological review of principal developments.

(c) Issues — economies of peasant societies, population and demographic change, labour, capital accumulation and appropriation, economic philosophies and the role of the state, modernization, industrialization and urbanization, the Third World and the international economy.

Pre-Requisites: None.

Teaching Arrangements: Weekly seminars Sessional, taught jointly by Mr. M. E. Falkus, Dr. G. G. Jones and Dr. C. M. Lewis.

Written Work: Four papers to be presented during the session.

Preliminary Reading List: C. Abel & C. M. Lewis, *Latin America, Economic Imperialism and the State*; I. Adelman & C. T. Morris, *Economic Growth and Social Equity in Developing Countries*; P. Bairoch, *The Economic Development of the Third World Since 1900*; J. Bharier, *Economic Development of Iran*; N. Charlesworth, *British Rule in India, 1800-1914*; C. Furtado, *The Economic Development of Latin America*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; J. D. Gould, *Economic Growth in History*; C. Issawi, *An Economic History of the Middle East*; W. A. Lewis, *Growth and Fluctuations in the International Economy*; J. F. Munro, *Africa and the International Economy*; H. Myint, *Economic Theory and the Under-Developed Economies*; R. Owen, *The Middle East in the World Economy*;

R. Owen & B. Sutcliffe (Eds.), *Studies in the Theory of Imperialism*; W. W. Rostow, *The World Economy*; J. C. Scott, *The Moral Economy of the Peasant*; M. P. Todaro, *Economics for a Developing World*; I. Wallerstein, *The Modern World-System*.
Supplementary Reading List: Detailed bibliographies will be provided for specific themes.

Examination Arrangements: Unseen paper, taken in June: three questions out of fifteen to be answered in three hours.

Note: The 10,000 word M.Sc. 'Report' to be written on a topic relating to this course (see M.Sc. regulations), and approved by the candidate's teachers, need not necessarily relate to those parts of the Third World studied in detail as part of this syllabus.

Geography Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
Gy100	Geographical Perspectives on Modern Society Dr. N. A. Spence, Professor E. Jones and Dr. J. A. Rees	35/MLS	Gy1801
Gy101	Physical Geography Professor C. Embleton, Professor D. Brunnsden, Dr. R. A. M. Gardner and Miss. H. M. Scoging	40/ML	Gy1812
Gy104	Methods in Geographical Analysis Miss H. M. Scoging, Dr. C. Board and Mr. C. Whitehead	40/ML	Gy1816
Gy202	Elements of Hydrology Dr. J. I. Pitman	10/L	Gy1844
Gy203	Geomorphology I Miss H. M. Scoging, Professor C. Embleton, Professor D. Brunnsden, Mr. D. K. C. Jones and others	46/MLS	Gy1840
Gy204	Biogeography Dr. E. M. Yates	50/MLS	Gy1842
Gy205	Meteorology and Climatology Dr. M. Jones and Dr. B. W. Atkinson	50/MLS	Gy1843
Gy206	Man and His Physical Environment Dr. J. A. Rees, Mr. D. K. C. Jones and Miss. H. M. Scoging	46/ML	Gy1808
Gy208	The Location of Economic Activity Dr. J. E. Martin and Dr R. C. Estall	42/MLS	Gy1824
Gy209	Social Geography: Spatial Change and Social Process Professor E. Jones and Dr. S. S. Duncan	40/ML	Gy1822
Gy210	Urban Geography: an Evolutionary Approach Dr. A. M. Warnes and Dr. B. S. Morgan	40/ML	Gy1822
Gy212	Historical Geography: British Isles Dr. E. M. Yates and Mr. D. R. Green	50/MLS	Gy1829
Gy215	Soil Science Dr. J. I. Pitman	20/MLS	Gy1841
Gy216	Advanced Cartography Dr. C. Board and Mr. G. R. P. Lawrence	40ML	Gy1951
Gy220	The British Isles	45/MLS	Gy1876

Lecture/ Seminar Number

			Study Guide Number
	Professor M. J. Wise and Mr. D. J. Sinclair		
Gy221	Europe Mr. D. J. Sinclair, Dr. F. E. I. Hamilton, Dr. J. E. Martin and Dr. E. M. Yates	40/ML	Gy1877
Gy223	North America I: of America: Geographical Patterns of Resources and Economic Development Dr. R. C. Estall	20/M	Gy1880; Gy1885
Gy224	Latin America I: Pre-Industrial Societies Dr. L. A. Newson	22/MLS	Gy1882
Gy225	The Third World: A Social and Economic Basis Professor W. B. Morgan and Dr. L. A. Newson	23/MLS	Gy1884
Gy299	Independent Geographical Essay Dr. K. R. Sealy	5/S	Gy1998
Gy300	Geomorphology II — Palaeogeomorphology Mr. D. K. C. Jones and Professor C. Embleton	40/ML	Gy1966
Gy301	Geomorphology III Professor J. B. Thornes and Professor D. Brunnsden	25/MLS	Gy1961
Gy303	Urban Politics: A Geographical Perspective Mr. K. Hoggart	22/MLS	Gy1919
Gy304	Spatial Aspects of Economic Development Dr. F. E. I. Hamilton and Dr. M. E. Frost	50/MLS	Gy1920
Gy305	The Geography of Rural Development Mr. D. J. Sinclair, Professor W. B. Morgan and Mr. K. Hoggart	40/MLS	Gy1922
Gy306	Advanced Economic Geography: Agriculture (not available 1984-84) Dr. D. J. Sinclair and Professor W. B. Morgan	20/ML	Gy1921
Gy307	Social Geography of Urban Change Dr. S. S. Duncan	20/ML	Gy1929; 1935
Gy309	Comparative Studies in Spatial Policy Professor D. R. Diamond and Mr. J. R. Drewett	20/ML	Gy1931
Gy310	Urban and Regional Planning Dr. M. Hebbert and Professor D. R. Diamond	48/MLS	Gy1926
Gy311	Resource and Environmental Management Dr. J. A. Rees and Mr. D. K. C. Jones	40/ML	Gy1943; Gy2822

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Gy313	Transport: Environment and Planning Dr. K. R. Sealy	30/ML	Gy1942; Gy2824
Gy315	Map Design and Evaluation Dr. C. Board	23/MLS	Gy1950
Gy316	Environmental Change Dr. R. A. M. Gardner	20/ML	Gy1962
Gy322	North America II: Regional Studies of Economic Growth and Change Dr. R. C. Estall and Dr. K. R. Sealy	25/LS	Gy1881; Gy1885
Gy323	Latin America II: Industrial Societies Not given 1984-85 Dr. L. A. Newson	20/ML	Gy1883
Gy324	The Soviet Union Dr. F. E. I. Hamilton	45/MLS	Gy1886; Gy1879
Gy400	Geographical Concepts and Methods Mr. J. R. Drewett and Professor E. Jones	20/ML	Gy2800
Gy401	Geographical Concepts and Methods — Seminar Mr. J. R. Drewett and others	14/LS	
Gy402	Research Techniques and Design Dr. K. R. Sealy and Dr. A. M. Warnes	10/M	Gy2801
Gy403	Computing Theory and Practice Mr. C. Whitehead	10/L	Gy2801
Gy405	Information Collection, Presentation and Communication Dr. C. Board	5/M	Gy2801
Gy406	Geographical Project Seminar Dr. C. Board and Professor D. R. Diamond	15/ML	
Gy407	Geographical Research Seminar Professor D. R. Diamond and Mr. J. R. Drewett	19/ML	Gy2801
Gy408	Case studies from published literature Dr. C. Board	14/L	Gy2801
Gy409	Techniques of Impact Analysis Mr. J. R. Drewett and Dr. N. A. Spence	10/L	Gy1931
Gy410	Social Change and Urban Growth — Class Dr. S. S. Duncan and Mr. J. R. Drewett	19/ML	Gy2820
Gy411	Regional Policy and Planning Mr. J. R. Drewett, Professor D. R. Diamond Dr. R. C. Estall and Dr. F. E. I. Hamilton	14/ML	Gy2821
Gy412	Resource Management and Environmental Planning Dr. J. A. Rees	10/L	Gy2822

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Gy413	Spatial Aspects of Change in Economic Activity — Seminar Dr. J. E. Martin	16/ML	Gy2823
Gy414	Geography of Transport Planning — Class Dr. K. R. Sealy	25/MLS	Gy2824
Gy415	Cartographic Communication Dr. C. Board	15/MLS	Gy2825
Gy416	Planning Techniques and Models II Mr. J. R. Drewett and Dr. N. A. Spence	10L	Gy1951; Gy2821; Gy2860
Gy417	Social Theory and Urban and Regional Questions — Seminar Dr. S. S. Duncan	20/ML	Gy417
Gy450	Regional and Urban Planning Problems — Seminar Dr. P. J. Dunleavy, Dr. C. Whitehead, Professor D. R. Diamond, Dr. M. J. Hebbert, Mr. R. A. Jackman and Dr. N. A. Spence	8/S	Gy450
Gy451	Spatial Theory in Regional and Urban Planning — Seminar Professor D. R. Diamond and Dr. N. A. Spence	14/ML	Gy2860

GEOGRAPHY

Gy406

Geographical Project Seminar

Teacher Responsible: Dr. C. Board, Room S413 (Secretary, Mrs. P. Farnsworth, S409)

Course Intended Primarily for M.Sc. Geography; M. Phil.; Research students.

Scope: Presentations by research students of aspects of their own research, stressing problems of methodology and/or techniques.

Teaching Arrangements: 15 x 1½ hour seminars (Gy406) in the second half of the Michaelmas Term and Lent Term.

Examination Arrangements: This course is non-examinable.

Gy407

Geographical Research Seminar

Teachers Responsible: Professor D. R. Diamond, Room S420 and Mr. J. D. Drewett, Room S408 (Secretary, Miss P. Maccabee, S406)

Course Intended Primarily for M.Sc. Geography; M.Sc. Regional and Urban Planning Studies.

Scope: Presentations by speakers normally from outside the Department on aspects of their own research.

Teaching Arrangements: 19 x 1½ hour seminars (Gy407) in the Michaelmas and Lent Terms.

Examination Arrangements: This course is non-examinable.

Gy417

Social Theory and the Urban and Regional Question

Teacher Responsible: Dr. S. S. Duncan, Room S512 (Secretary, Miss P. Maccabee, S406)

Course Intended Primarily for Graduate Students

Scope: A workshop course on the problems of current research in the urban and regional questions.

Syllabus:

1. Introductory seminars on uneven development, the regional problem, the urban question, dependency.

2. Workshops on particular issues according to the interests of graduate students.

In recent years these included: the social process of doing research; realism and explanation in social science; the labour process and spatial change; producing the built environment; sectors, classes and urban theory; monetarism, socialism and spatial policy; the production of people and domestic labour; the local state and local economic policy; radical regions.

Teaching Arrangements: Informal workshops with active participation by participants.

Reading List: This will usually be made available before the sessions.

Examination Arrangements: The course is non-examinable.

Gy450

Regional and Urban Planning Problems (Seminar)

Teacher Responsible: Michael Hebbert, Room S412, (Secretary, Ann Cratchley, S406)

Other Teachers Involved: Dr. P. Dunleavy, Professor D. R. Diamond, Dr. N. Spence, Mr. R. Jackman and Dr. C. Whitehead.

Course Intended Primarily for M.Sc. Regional and Urban Planning Studies.

Scope: An interdisciplinary seminar with invited speakers on the problems of urban and regional planning.

Teaching Arrangements: Ten seminars, Summer Term.

Examination Arrangements: None.

Gy452

Quantitative Methods in Regional and Urban Planning Studies

Teacher Responsible: Dr. M. E. Frost, KCL, Room 450 Norfolk Building (LSE Adviser: Dr. N. Spence, Room S565)

Syllabus: An introductory course intended for students with relatively little quantitative training to serve as an introduction to statistical and non-statistical quantitative methods in urban and regional planning.

Teaching Arrangements: Michaelmas Term 10 Lectures.

Examination Arrangements: Students will be given a take home test to satisfy Regulation (III) for the M.Sc. Regional and Urban Planning.

Gy1801

Geographical Perspectives on Modern Society

Teacher Responsible: Dr. N. A. Spence, Room S565 (Secretary, Mrs. P. Farnsworth, S409)

Course Intended Primarily for B.A./B.Sc. course unit main field Geography, B.Sc. (Econ.) Part I, B.Sc. (Econ.) Part II. Other B.A./B.Sc. course unit main field subjects, General Course.

Scope: The aim of the course is to introduce students to contemporary environmental concerns examined in human geography.

Syllabus: An introduction to human geography. Concepts of "environment". The regional concept and its application to social, economic and political problems. An introduction to location problems. The location and form of urban settlements. Problems of urban growth and change. The changing distribution and structure of population. Recent developments in human geography.

Pre-Requisites: None.

Teaching Arrangements: There is one lecture course accompanied by a class.

Lectures: Gy100 Sessional

Classes: Gy100(a) weekly Sessional (B.Sc.

(Econ.) and others) (Gy1801) Gy100(b)

weekly Sessional (B.A./B.Sc. course unit main field Geography) (Gy1800)

Gy100: Some seven specific themes will be examined.

1. Urban growth and decline - a consideration of international patterns of urbanisation.

2. Regional economic development - a consideration of industrial, employment and unemployment trends.

3. Cities and society - a consideration of class and ethnic relations in cities.

4. Urban, suburban, and rural built environments - a consideration of land utilisation.

5. Resource scarcity - a consideration of the physical, economic, political and environmental constraints on availability.

6. Resource despoilation - a consideration of environmental pollution and conservation.

7. Environmental concerns and public policy - a consideration of policies for rural, urban, regional and global development.

Gy100(a) and Gy100(b): Classes will be used to monitor the lecture material and examine some specific themes in depth.

Reading List: No one book covers the entire syllabus. Students may wish to review the following: P. Dicken & P. E. Lloyd, *Modern Western Society*; P. G. Hall, *Urban and Regional Planning*; P. G. Hall, *The World*

Cities; J. Goddard & A. Champion, *The Urban and Regional Transformation of Britain*; D. Herbert & D. M. Smith, *Social Problems and the City*; D. Herbert, *Urban Geography: A Social Perspective*; D. M. Smith, *Where the Grass is Greener: Living in an Unequal World*; E. Ashby, *Reconciling Man with the Environment*; T. O'Riordan, *Environmentalism*; B. Ward & R. Dubois, *Only One Earth*; N. W. Holdgate, *A Perspective of Environmental Pollution*.

Detailed reading lists will be issued during the course appropriate to each of the main themes considered.

Examination Arrangements: There is a three hour formal examination in the Summer Term based on the syllabus. A wide choice of questions will be provided of which three are to be answered all carrying equal marks. Some 75% of the total marks will be allocated to this written unseen examination. The remaining 25% of the marks will be allocated to course work prepared for class teachers in the form of two extended essays each of not more than 3,000 words. Topics for these essays will be assigned in the Michaelmas and Lent Terms and are to be submitted to Mrs. P. Farnsworth (Department of Geography Administrative Secretary, Room S409) on the first day of the Lent Term (14 January 1985) and the first day of the Summer Term (29 April 1985) respectively.

Gy1808

Man And His Physical Environment

Teacher Responsible: Mr. D. K. C. Jones (Room S506B (Secretary, Miss Nesta Herbert, S508)

Course Intended Primarily for 2nd year B.A./B.Sc. course unit main field Geography and B.Sc. (Econ.) Part II. Environment and Planning. Also available for other B.Sc. (Econ.) Part II main field subjects, Diploma, General Course and single-term students.

Scope: An analysis of the nature, causes, and effects of, and the alternative solutions to, the key environmental and renewable resource problems faced by mankind.

Syllabus:

1. An analysis of the varied two-way interactions between human societies and the physical (natural) environmental systems. This will take the whole of the Michaelmas Term and is divided into two main parts. First, there will be an examination of the nature, significance and trends of natural hazard

impacts (e.g. earthquakes, hurricanes, floods) and the variety of adjustments (both structural and non-structural) that can be adopted to minimize hazard losses. Second, attention will focus on the ways in which human activities can result in 'environmental' and renewable resource problems. The character, causes and significance of a range of issues will be examined including the CO₂ 'Greenhouse' effect, fluorocarbons and the ozone shield, desertification, accelerated soil erosion, the impact of chemical pesticides, and aspects of air and water pollution (e.g. lead, acid rain, sewage treatment).

2. The role of population growth, technological change, consumerism and market defects in the creation of renewable resource and environmental problems.
3. An assessment of the commonly proposed solutions to renewable resource scarcity, depletion and environmental pollution problems.
4. The socio-economic, administrative, and political difficulties encountered in environmental management in practice. These will be considered at various spatial scales — international, national and local — and will include case material from advanced capitalist, socialist and third world countries.
5. Consideration of the main techniques for assessing the environmental damage caused by development and the benefits of control and conservation (e.g. environmental impact assessment, benefit-cost analysis, landscape evaluation).

Pre-Requisites: None.

Teaching Arrangements: Lectures (Gy206): Two lectures per week in the Michaelmas and Lent Terms.

Classes (Gy206a): Ten classes at fortnightly intervals.

The lecturing and class teaching responsibilities are shared by Mr. D. K. C. Jones and Dr. J. A. Rees (Room S506A).

Reading List: No one book or small group of books adequately covers the themes considered in the course, and separate reading lists are provided for each distinct part of the syllabus. Basic reading material includes: R. Barnet, *The Lean Years: Politics in the Age of Scarcity*, 1980; I. Burton, R. W. Yates & G. F. White, *The Environment as Hazard*, 1978; R. Carson, *Silent Spring*, 1962; P. R. Ehrlich & A. H. Ehrlich, *Population, Resources and Environment*, 1970; H. D. Foster, *Disaster Planning*, 1979; A. S. Goudie, *The Human Impact*, 1981; R. L. Heathcote, *The Arid Lands: Their Use and Abuse*, 1983; K. Hewitt, *Interpretations of Calamity*, 1983; M. W. Holdgate, *A Perspective of Environmental Pollution*, 1979; G. Mitchell, *Geography and*

Resource Analysis, 1979; T. O'Riordan, *Environmentalism* (2nd edn.), 1981; A. U. Kneese & E. L. Schultze, *Pollution, Prices and Public Policy*, 1975; F. Sandbach, *Principles of Pollution Control*, 1982; B. Ward, *Progress for a Small Planet*, 1979; J. Whitlow, *Disasters*, 1980.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus. The examination paper will normally contain 8 or 9 questions from which any 3 must be answered.

Physical Geography

Gy1812

Teacher Responsible: Professor C. Embleton, KCL, Room 218 Norfolk Building; Miss H. Scoging, LSE, Room S414.

Course Intended Primarily for Course compulsory for B.A./B.Sc. Geography 1st year.

Scope: Students are introduced to the systems approach in physical geography, with emphasis placed on global systems, the ecosystem and the hydrological system. Some human and environmental interactions will be introduced in the latter half of the course.

Syllabus:

A. Systems in Physical Geography (6 lectures). Nature, structure and processes of systems, concepts of equilibrium and dynamic behaviour, palaeosystems and environmental change.

B. Processes and Patterns in Global Systems (12 lectures). First order controls in environmental systems, earth structure, tectonics, sea level change, climate.

C. The Ecosystem (6 lectures). Structure of ecosystem, function and behaviour, abiotic, biotic factors, succession, evolution, migration.

D. Man and the Hydrological System (13 lectures). Regional and local systems, inputs, throughputs, outputs of hydrological systems, weather systems and human modification, hillslope and channel processes, flooding, pollution, groundwater.

Teaching Arrangements: Lectures (Gy101): 40 hours Michaelmas and Lent Terms. Classes (Gy101a): 20 hours Michaelmas and Lent Terms (for LSE students).

Reading List: Comprehensive reading lists will be supplied by course teachers, but the following are basic texts: R. J. Chorley & B. A. Kennedy, *Physical Geography: A Systems Approach*; C. D. Ollier, *Tectonics and Landforms*; K. Simmonds, *Biogeography*; J. Moran, M. Morgan & J. Wiersma, *Introduction to Environmental Science*; R. J.

Rice, *Fundamentals of Geology*; R. J. Chorley, *Introduction to Geographical Hydrology*.

Examination Arrangements: A three hour formal examination will be held in the Summer Term.

Gy1816

Methods in Geographical Analysis

Teacher Responsible: Miss H.

Scoging, Room S414 (Secretary, Miss Nesta Herbert, S508)

Course Intended Primarily for B.A./B.Sc. Geography (compulsory first year) course unit; Diploma in Geography; Beaver College.

Scope: An introduction to techniques of description, analysis, and interpretation of geographical data and interrelationships in human and physical environments; familiarity with basic geographical tools and development of skills, ranging from numerical, statistical and graphical to cartographic and computer-based techniques.

Syllabus: Techniques and methodologies in Geography in relation to current paradigms. 1. **The nature of Geographical Data.** Primary and secondary sources: landscape, maps, air photographs and satellite images, texts, survey and census data. Scales of measurement, discrete, continuous data.

2. **Description and organisation of Geographical Data** — Graphical: graphs, histograms, Lorenz curves — Cartographic: map use, constraints imposed by scale projection, generalisation and methods of depiction. Map design, depiction of land surfaces, statistical surfaces and geological formations. Remote sensing: the use of air photographs and satellite images. Description of numerical data using statistical measures of central tendency and dispersion. Field observation of rural and urban landscapes, landscape description.

3. **Exploration of Geographical Relationships.** Spatial associations, cause and effect. Systems structure as a framework for exploring geographical relationships. Cartographic exploration of geographical relationships between phenomena in natural and human environments.

4. **Analysis and Evaluation of Geographical Relationships.** Statistical relationships between samples and populations. Probability and probability distributions. Sampling theory — bias representativeness, use of central limit theories. Estimation theory — confidence intervals, estimates. Hypothesis testing — small and large samples, statistical tests.

Sample-population and sample-sample relationships. The nature and degree of relationships between geographical data sets. Correlation and regression analyses applied in Geography.

Teaching Arrangements: Lectures: 40 hours — Michaelmas and Lent Terms (Gy104). Classes: 20 × 2 hours — Michaelmas and Lent Terms. Laboratory practical classes (Gy104a). Two whole-day field classes. Field work in the Easter vacation.

Written work:

1. *Practicals:* Presentation of a number of core projects, each comprising a series of integrated themes. Data collection, description, analysis and interpretation will be stressed.

2. *Field Work:* Reports on two supervised group projects and one individual project from the field week.

Progress of practical work will be regularly monitored by class teachers and a graduate demonstrator. A record of all practical and field work should be kept by each student (see Examination Arrangements).

Reading List: There is no single text book covering the course. Comprehensive reading lists will be provided for each section of the course, and references supplied for individual topics by the teachers responsible.

General background and context: A. Holt-Jensen, *Geography, its history and concepts*; D. Gregory, *Ideology: Science and Human Geography*.

Statistical Applications in Geography: D. Ebdon, *Statistics in geography: a practical approach*; J. Silk, *Statistical concepts in geography*; G. B. Norcliffe, *Inferential statistics for geographers*; R. Baxter, *Statistical computing techniques for planners*.

Graphic, Cartographic and pictorial description and analysis: D. Unwin, *Introductory Spatial Analysis*; G. C. Dickinson, *Maps and air photographs* (2nd edn.); A. Robinson, R. Salt & J. Morrison, *Elements of Cartography* (3rd or 4th edn.); J. R. G. Townsend, *Terrain analysis and remote sensing*.

Examination Arrangements: (i) *A formal 3-hour examination.* 3 questions from a choice of 8-10. 60%. (ii) *Five groups of practical exercises,* each focussed on a geographical theme.

Marked on the basis of accuracy, comprehension, evaluation and presentation. Submitted on the day of the formal examination. 25%. (iii) *Illustrated written report of field work projects:* two supervised; one individual. Individual interpretations of data collected by group will be expected. Presented on the day of the formal examination. 15%.

Gy1821

Social Geography: Spatial Change and Social Process

Teacher Responsible: Dr. S. S. Duncan, Room S512 (Secretary, Mrs. A. Naimi, S406)

Course Intended Primarily for B.A./B.Sc. c.u. 2nd year: B.Sc. (Econ.) Geography.

Scope: An introduction to the political economy of spatial change, concentrating on the urban question and the regional question in advanced capitalist societies especially Britain. However, reference is also made to other examples and situations as appropriate.

Syllabus:

- (a) Geography and understanding social change: the critique of quantitative geography and alternatives;
- (b) Spatial patterns and social behaviour;
- (c) Modes of production and regional inequality;
- (d) The labour process and spatial change;
- (e) The reserve army of labour and the urban question;
- (f) Home life, patriarchy and spatial structure;
- (g) Location and culture;
- (h) Ideology, production and consumption in the built environment;
- (i) The capitalist state and the locality.

Teaching Arrangements: One lecture course (Gy209) (20 Michaelmas Term, 20 Lent Term) accompanied by fortnightly classes (Gy209a). Classes require prior preparation and active participation by students. 2 essays each term based on seminar discussion. Other teacher on this course, Professor Emrys Jones, Room S407.

Reading List: No book or books cover the course, and use of research papers etc., will be necessary (most of which are held in the Geography Department, Paper Collections, Room S502). Basic reading would include: J. Irive *et al.*, *Demystifying Social Statistics*, 1979; A. Friend & A. Metcalfe, *Slump City: the Politics of Mass Unemployment*, 1981; D. Massey & A. Meegan, *The Anatomy of Job Loss: the How, Where and When of Unemployment*, 1982; J. Anderson, S. Duncan & R. Hudson, *Redundant Spaces in Cities and Regions?*, 1983; G. Stedman Jones, *Outcast London*, 1971; K. Bassett & J. Short, *Housing and Residential Structure: Alternative Approaches*, 1980; P. Saunders, *Urban Politics: a Sociological Approach*, 1979; E. Jones & J. Eyles, *Introduction to Social Geography*, 1978.

Examination Arrangements: One 3-hour sit-down unseen paper (3 questions out of 9), 75% of marks; one extended essay of 3,000 words to be handed in mid-May, 25% marks.

450 Geography

Gy1822

Urban Geography

Teacher Responsible: Dr. A. M. Warnes, KCL Room 454 Norfolk Building. (LSE Adviser: Mr. J. R. Drewett, Room S408).

Course Intended Primarily for 2nd Year B.A./B.Sc. Geography and B.Sc. (Econ.) students. 1 c.u.

Scope: Spatial aspects of urbanisation and urban structures with special reference to British and American cities.

Syllabus: Concepts of urbanisation and urbanism; the pre-industrial city; social forms and residential patterns in the mercantilist city; industrialisation, economic change and urbanisation in the nineteenth century; the British housing market; the emergence of town planning and its impact on urban social geography; the dimensions of residential segregation in British and American cities; the bases of these dimensions and their spatial expression; the commercial and industrial structures of contemporary cities, contemporary urban problems.

Pre-Requisites: A knowledge of human geography is desirable.

Teaching Arrangements: There are 40 lectures (Gy210), held twice weekly. Classes (Gy210a) are arranged at LSE and tutorial support is given at KCL.

Written Work: Two course papers (maximum 1,500 words each), accounting for 25% of total marks.

Reading List: D. T. Herbert & C. J. Thomas, *Urban Geography: A First Approach*, 1982; H. Carter, *The Study of Urban Geography*, 1981; P. Knox, *Urban Social Geography*, 1981; B. T. Robson, *Urban Social Areas*, 1975; R. E. Pahl, *Whose City?* 1975; K. Bassett & A. Short, *Housing and Residential Segregation*, 1980.

Examination Arrangements: One three-hour paper, accounting for 75% of total marks, in which three out of 8-9 questions must be answered.

Gy1824

The Location of Economic Activity

Teacher Responsible: Dr. J. E. Martin, Room S510 (Secretary, Miss Nesta Herbert, S510)

Course Intended Primarily for B.A./B.Sc. c.u. Geography, 2nd year. B.Sc. (Econ.) Part II; Diploma. General Course and Beaver College students.

Syllabus: The aim is to make a thorough examination of the more important factors that influence decision-makers in the allocation of investment capital over space. Attention will be paid to theoretical and empirical explanations of the location patterns of economic activity. The assumptions of classical location theory will be reviewed and reassessed in the light of modern developments and experience. In addition to the examination of the classical influences on spatial patterns of production, attention will be given to such elements as the role of technological change and innovation, the organisational structure of firms and their decision making behaviour, the effects of market structure, environmental protection and government intervention. Illustrative material will be taken, as appropriate, from the agricultural, mining, manufacturing and service sectors.

Pre-Requisites: Some background in economics will be assumed.

Teaching Arrangements:

Lectures (Gy208): 40, twice weekly in the Autumn and Spring Terms given by Dr. R. C. Estall (Room S509) and Dr. J. E. Martin (Room S510).

Classes (Gy208a): 10 fortnightly (Dr. Martin). Students will normally be expected to write 3 essays and to prepare a paper for these classes.

Reading List: Several books will be referred to repeatedly and can be regarded as "basic texts". These are: *P. E. Lloyd & P. Dicken, *Location in Space*, (2nd edn.), 1977; *R. C. Estall & R. O. Buchanan, *Industrial Activity and Economic Geography*, (4th edn.), 1980; M. Chisholm, *Geography and Economics*, (2nd edn.), 1970; D. M. Smith, *Industrial Location*, (2nd edn.), 1981; G. T. Karaska & D. F. Bramhall (Eds.), *Locational Analysis for Manufacturing*, 1969; F. E. I. Hamilton (Ed.), *Spatial Perspectives on Industrial Organisation and Decision Making*, 1974.

*Books which students need to buy are asterisked.

Supplementary Reading List: Additional reading lists will be provided as appropriate.

Examination Arrangements: Three hour formal

examination in the Summer Term; three questions to be attempted from about ten set.

Gy1829

Historical Geography of the British Isles

Teacher Responsible: Mr. D. R. Green, KCL, Room 566, Norfolk Building. (LSE Adviser: Mr. D. K. C. Jones, Room S506B).

Course Intended Primarily for 2nd Year Geography B.A./B.Sc. and B.Sc. (Econ.) students. 1 c.u.

Scope: The course has three principal objectives: to provide an adequate understanding of the evolution of the British landscape from the Iron Age to the late 19th century; to introduce theoretical and methodological approaches in historical geography and to furnish a working knowledge of the available source materials; to provide a training for the application of this knowledge in the field.

Syllabus: The geography of pre-Medieval English settlement; the nature of feudalism; Medieval agriculture, industry and trade; agrarian capitalism in early-modern England; the transition from domestic production to the factory system; transport and commercial innovations in the 18th and 19th centuries; agrarian change in the 18th and 19th centuries economic, social and political structure of 19th century cities (with special reference to London).

Pre-Requisites: None.

Teaching Arrangements: The course (Gy212) consists of three components: a series of 36 lectures detailing the major aspects of landscape change; a series of 8-10 classes examining important sources of evidence; a field trip of approximately 5 days' duration to demonstrate historical change in a regional setting.

Written Work: Two term essays of approx. 2,000 words each, accounting for 30% of the total assessment.

Reading List: Students will be expected to read widely. Short specialist reading lists will be provided in the course of the lectures. The following are recommended: J. Chambers & G. Mingay, *The Agricultural Revolution 1750-1880*, 1966; H. C. Darby (Ed.), *A New Historical Geography of England*, 1976; R. Dodgshon & R. Butlin (Eds.), *An Historical Geography of England & Wales*, 1978; E. Pawson, *The Early Industrial Revolution*, 1979; M. Postan, *The Medieval Economy and Society*, 1972; R. Tawney, *The Agrarian*

Problem in the Sixteenth Century, 1912.

Examination Arrangements: One three-hour examination consisting of three questions and counting for 70% of the total marks.

Gy1840

Geomorphology I

Teacher Responsible: Professor D. Brunsten, KCL, Room 455, Norfolk Building. (LSE Adviser: Miss H. Scoging, Room S414)

Course Intended Primarily for B.A./B.Sc. Geography 2nd Year Course Unit, Joint Geol/Geog students, Geology and Civil Engineering students.

Scope: Students are introduced to the main processes of landform sculpture under differing climatic and structural environments, and to the techniques used in process investigations.

Syllabus:

Weathering and Mass Movements: Basic geomorphological characteristics, stress-strain relationships, climatic and geologic controls on weathering, physical biotic and chemical weathering. Products of weathering. Mass movements, physical principles, soil creep, block fall, landslides, debris flows.

Application to engineering and human impact. (10 lectures)

Glacial and periglacial process: physical principles of ice and glacier formation. Glacial budgets, ice determination. Principles of glacial erosion and deposition, and resulting landforms. Past and present periglacial processes, solifluction, ice wedges, patterned ground. (8 lectures)

Hillslope and fluvial processes: drainage basin characteristics, hydrological cycle, infiltration, interception, throughflow, overland flow.

Process form relationships under differing climatic regimes. Soil erosion - sheet, rills, gullies. Fluvial networks, principle of fluid flow, channel hydraulics. Shear stress, roughness, entrainment of sediment, transport and deposition. Meandering and braiding, flood plain and long profile development. (10 lectures)

Karst processes and landform: Limestone distribution, chemistry of solution, controls on processes. Karstic landforms. (2 lectures)

Aeolian processes: desert distribution, desert surfaces, wind erosion processes, abrasion, deflation, sand movement, bedforms in granular material, dune patterns. (4 lectures)

Coastal processes: wave and tide energy, and distribution, wave forms, erosion, structural controls, beach forms, rip currents, headland

erosion, longshore drift. (4 lectures)

Pre-Requisites: Most. B.A./B.Sc. students are expected to have taken Gy101 **Physical Geography** in their 1st year, but there are no formal pre-requisites.

Teaching Arrangements:

Lectures (Gy203): 40 hours Michaelmas and Lent Term.

Classes (Gy203): 10 hours for LSE students. A one-week field class.

Fieldwork: Students are expected to attend a week's field course held in the Easter vacation as a compulsory integral part of the course.

Written Work: Students will be required to submit a written report of 3,000 words on their field course, particularly their group and individual project work undertaken during the field week.

Reading List: A comprehensive reading list is provided with lecture handouts but the following are basic texts: D. Carroll, *Rock Weathering*; C. Ollier, *Weathering*; M. A. Carson & M. J. Kirkby, *Hillslope Form and Process*; C. Embleton & J. B. Thornes, *Process in Geomorphology*; C. Embleton & C. A. M. King, *Glacial Geomorphology*; C. Embleton & C. A. M. King, *Periglacial Geomorphology*; K. J. Gregory & D. Walling, *Drainage Basin Form and Process*; V. T. Chow, *Open Channel Hydraulics*; R. U. Cooke & A. Warren, *Geomorphology in Deserts*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. Three questions are to be answered from a choice of 9 or 10 covering aspects from the six main process sections of the course. 80% of the total assessment of the course is based on the exam paper, the other 20% is awarded on written work from the field course.

Gy1841

Soil Science

Teacher Responsible: Dr. J. Pitman, KCL, Room 449, Norfolk Building. (LSE Adviser: Mr. D. K. C. Jones, Room S506B).

Course Intended Primarily for 2nd and 3rd Year B.A./B.Sc. Geography students, also Geology and Plant Sciences. 1/2 c.u.

Scope: The course introduces the principles and practices of elementary soil science, particular emphasis being given to soil profile characteristics on both a local and a global scale. Emphasis is placed on field and laboratory determinations of soil properties, and training is given in elementary soil analysis.

Syllabus: Description and definition of soil properties; soil mineral matter; soil organic matter; soil clays; soil hydrology; soil physics; soil horizons and their development; diagnostic horizons; soil processes; soils of the world; soil classification; soils and agriculture; problem soils of the world; soils, pesticides and herbicides.

Pre-Requisites: "O" level Chemistry is essential.

Teaching Arrangements: Twenty hours of lectures (Gy215) and approx. thirty hours of laboratory practicals, usually arranged as two hours' lecturing one week alternating with three hours' practical the following week. Seminar at end of course. One weekend field course at Rogate in October.

Written Work: 25% of total marks are given for the practical laboratory and field work, which has to be written up and presented in mid-February, when the practical classes finish.

Reading List: Detailed reading lists are given throughout the course. The following books are recommended, White and Duchaufour being the class texts: P. Duchaufour, *Pedology I: Pedogenesis and Classification*, Allen & Unwin, 1977, 1982; P. Duchaufour, *Pedology II: Constituents and Properties*, Academic Press, 1977, 1982; R. E. White, *Principles and Practice of Soil Science*, Blackwell, Oxford, 1979; E. W. Russell, *Soil Conditions and Plant Growth* (10th edn.), Longman, 1971.

Examination Arrangements: One three-hour written paper, accounting for 75% of total marks, in which three questions must be answered; Question 1 is compulsory, carrying 40% of marks for the paper.

Gy1842

Biogeography

Teacher Responsible: Dr. E. M. Yates, KCL, Room M68, Norfolk Building. (LSE Adviser: Mr. D. K. C. Jones, Room S506B).

Course Intended Primarily for either 2nd or 3rd year students but in view of the field work requirement is best taken in the second year. 1 c.u.

Syllabus: An examination of certain of the factors controlling the distribution of plants and animals; aspects of the composition and structure of the major plant formations, and of the vegetation of the British Isles.

Pre-Requisites: Obviously it is advantageous to have some knowledge of botany, but such knowledge is not sine qua non.

Teaching Arrangements: 20-25 lectures (Gy204) - held one lecture a week, plus a field class at the beginning of the Summer Term (or end of the Easter vacation). A report of this class carries 25% of the total marks of the course.

Reading Lists: Are provided during the course but there are three basic texts: R. Good, *The Geography of Flowering Plants*, 1947 (and subsequent editions); H. Walter, *Vegetation of the Earth*, 1975; H. G. Tansley, *The British Isles and their Vegetation*, 1949.

Examination Arrangements: Consists of one formal examination of 3 hours, the paper having eight to nine questions from which three are to be selected.

Gy1843

Meteorology and Climatology

Teacher Responsible: Dr. M. E. Jones, KCL, Room 217A, Norfolk Building; Dr. B. W. Atkinson, Queen Mary College; Mr. C. Agnew, University College London. (LSE Adviser: Mr. D. K. C. Jones, Room S506B).

Course Intended Primarily for 2nd or 3rd Year B.A./B.Sc. students. 1 c.u.

Scope: The course is an advanced study of the physical characteristics and processes of the earth's atmosphere, and examines the principles of physical and dynamic climatology.

Syllabus: The course begins with radiation and the heat balance, and then the water balance. Regional circulation systems are examined, firstly in extratropical regions, and then in the tropics. Then smaller scale features, the meso-scale circulations are studied. Finally, the general circulation of the atmosphere is elucidated. Practical aspects of data handling and measurement techniques are discussed, together with pertinent current problems of meteorology and climatology. **Pre-Requisites:** First year physical basis in geography.

Teaching Arrangements: This is an inter-collegiate course (Gy205), involving one lecture per week for 25 weeks, and one tutorial each week, which covers practical exercises, and discussions on techniques and current papers.

Written Work: Course work, accounting for 20% of the assessment, will consist of at least 5 practical exercises and some 2-3 essays.

Reading List: Each section of the course has specific reference lists. A general reading list is

given below, covering the broad outline of the course.

G. Palmer & C. W. Newton, *Atmospheric Circulation Systems*, AP, 1969; W. D. Sellers, *Physical Climatology*, University of Chicago Press, 1965; B. W. Atkinson, *Meso-Scale Atmospheric Circulation*, AP, 1981; B. W. Atkinson (Ed.), *Dynamical Meteorology*, Methuen, 1981; P. G. Wickham, *The Practice of Weather Forecasting*; Jen-Hu Chang, *Atmosphere Circulation, Systems and Climates*, Oriental Pub. Co., Hawaii, 1972; D. H. MacIntosh & A. S. Thom, *Essentials of Meteorology*, Wykeham Publ. Ltd., 1969.

Examination Arrangements: One three-hour examination, accounting for 80% of the course assessment. Three questions must be selected from 8 or 9 questions.

Gy1844

Elements of Hydrology

Teacher Responsible: Dr. J. I.

Pitman, KCL, Room 449, Norfolk Building. (LSE Adviser: Mr. D. K. C. Jones, Room S506B).

Course Intended Primarily for 2nd and 3rd year B.A./B.Sc. Geography students, also for Geology students. ½ c.u.

Scope: The course describes and analyses the factors which govern the storage and flow of water above, upon and within the earth's surface. It examines those factors quantitatively, and emphasises the importance of water as a resource. Applied aspects of water resources are also examined.

Syllabus: This is in three parts:

Part I components of the hydrological cycle and their measurement: precipitation; interception; soil moisture; infiltration; evaporation and transpiration; groundwater; channel flow.

Part II flow; transfer of moisture between surface and atmosphere; soil water flow; groundwater flow; hillslope hydrology; channel-flow.

Part III modelling flows and groundwater unit hydrographs and channel flow; soil-plant-atmosphere models.

Pre-Requisites: None.

Teaching Arrangements: One hour each of lectures (Gy202) and tutorials per week for 20 weeks; a weekend field class at Rogate.

Written Work: 25% of total marks are given for the field notebook together with four class practical exercises.

Reading List: J. C. Rodda, R. A. Downing &

F. M. Law, *Systematic Hydrology*, Butterworths, 1976; R. C. Ward, *Introduction to Hydrology*.

Examination Arrangements: One three-hour written paper, accounting for 75% of total marks, in which three questions must be answered.

Gy1850

Advanced Quantitative Geography

Teacher Responsible: Dr. M. E. Frost, KCL, Room 450, Norfolk Building. (LSE Adviser: Mr. D. K. C. Jones, Room S506B).

Course Intended Primarily for B.A./B.Sc. Geography 2nd Year students. ½ c.u.

Syllabus: A revision of fundamental notions of covariance and correlation. The extension of these to partial correlation and its interpretation. The analysis of variance in both one way and two way forms, together with associated inferential tests. Regression analysis in both simple and multiple forms with inferential tests; an introduction to principal component and factor analyses in the context of their interpretation in geographical settings. **Pre-Requisites:** First year quantitative training. **Teaching Arrangements:** The course comprises 10 lectures and practical sessions given in the Michaelmas Term, together with two sessions arranged in the first few weeks of the Summer Term.

Written Work: A practical book (30% of total marks) based on the practical exercises must be completed.

Reading List: J. Silk, *Statistical Concepts in Geography*; H. H. Blalock, *Social Statistics*; R. J. Johnston, *Multivariate Statistical Analysis in Geography*; P. J. Taylor, *Quantitative Methods in Geography*; L. J. King, *Statistical Analysis in Geography*.

Examination Arrangements: One three-hour written paper, counting for 70% of total marks.

Gy1856

Applied Spatial Analysis (This course will not be given 1984-85)

Teacher Responsible: Dr. M. E. Frost, KCL, Room 450 Norfolk Building. (LSE Adviser: Mr. D. K. C. Jones, Room S506B).

Course Intended Primarily for B.A./B.Sc. Geography 2nd Year students and B.Sc. (Econ.) Degree (Special Subject Geography). 1 c.u.

Syllabus: As for **Advanced Quantitative Geography (0202)** plus a further examination of regression and factor analytic techniques, together with an introduction to numerical taxonomy. In addition to this further multivariate methods will be examined in the context of geographical interpretations, together with training in computer use in practical work.

Pre-Requisites: First year quantitative training.

Teaching Arrangements: The first ten lectures and practical sessions are held in common with **Advanced Quantitative Geography (Gy200)** during the Michaelmas Term. A further ten lectures and practicals will then be held during the Lent Term for **Applied Spatial Analysis (Gy201)** candidates only. These deal with the additional topics outlined in the syllabus.

Written Work: A practical book (30% of total marks) based on all practical work taken in both Terms must be completed.

Reading List: J. Silk, *Statistical Concepts in Geography*; R. J. Johnston, *Multivariate Statistical Analysis in Geography*; P. J. Taylor, *Quantitative Methods in Geography*; J. Johnston, *Econometric Methods*; R. J. Rummel, *Applied Factor Analysis*.

Examination Arrangements: One three-hour written paper, counting for 70% of the total marks.

Gy1857

Advanced Methods in Geographical Analysis (This course will not be given 1984-85)

Teacher Responsible: Miss H. Scoging, Room S414 (Secretary, Miss Nesta Herbert, S508)

Course Intended Primarily for B.A./B.Sc. Geography course unit second year; Diploma in Geography.

Scope: The course builds on the first year Methods in Geography course, developing theoretical and applied skills in human and environmental geographical analysis. The student will be taught how to ask appropriate geographical questions and to apply problems solving methods involving data collection, handling, processing, display and analysis. This theoretical component will be developed via applications of problem solving methods.

Syllabus:

1. *Introduction:* Philosophic principles, paradigms. Systematic application of geographical techniques.

2. *Geographical Computing:* (i) Data collection and handling. Types of data collection/capture; Spatial data representation, digital terrain models; data base management. (ii) Data processing. Development of geographical hypotheses; algorithms, problem solving techniques; use of packages. Multivariate techniques (including multiple correlation and regression analysis, analysis of variance, principal components and factor analysis, stochastic processes, time series). Interpretation of analytical results. (iii) Data display and communication. Computer-aided mapping, graphical display, dynamic display, spatial and temporal change.

3. *Geographical Applications:* Themes to illustrate application of techniques developed in 2. (Subject to variation). Computer mapping and communication. Government policy for population changes. Data capture/information systems. Remote sensing, pilot study evaluation for resource evaluation, development studies. Dynamic system modelling. Catchment hydrology for flood prediction, pollution management, afforestation policies.

4. *Individual problem-solving projects:* Students with the guidance of class teachers, will be asked to select their own independent project, to specify the nature of their geographical enquiry, and to bring to bear the tools learnt in the first part of the course to evaluate their selected issue.

Teaching Arrangements: Lectures (Gy201) 40 hours Michaelmas and Lent Terms. Classes (Gy201a) 20 × 2 hours Michaelmas and Lent Terms.

Written Work:

1. Three course themes to be submitted as practical work involving appropriate elements of applied techniques.

2. Individual problem-solving project combining essay and analytic work.

A considerable emphasis is placed on practical work, and progress will be monitored throughout the year by class teachers. (See Examinations).

Reading List: (in preparation).

Examination Arrangements:

1. A formal 3-hour examination 3 questions from a choice of 8-9. 40%.
 2. Three groups of practical work related to specific course themes. 40%.
 3. Individual Project 20%.
- Practical work to be handed in on the day of the formal examination.

Gy1876

Economic and Regional Geography of the British Isles

Teacher Responsible: Mr. D. J. Sinclair, Room S410, (Secretary, Mrs. P. Farnsworth, S409)

Course Intended Primarily for B.A./B.Sc. Geography c.u. 2nd or 3rd year, B.Sc. (Econ.) part II (iv) (k).

Scope: The course analyses principal changes in the social and economic geography of Britain since 1945 and the causes of the changes are discussed. An introduction to source materials is provided.

Syllabus: An appreciation of the physical, social, economic and political conditions that have influenced modern patterns of settlement, population, industry and land use. Special studies of selected industrial and agricultural areas. The course is divided into two sections. In the Michaelmas Term topics are treated systematically e.g. population change, resource development, agriculture, industry, transport, urban development. In the Lent Term treatment is mainly by regions. It is necessary to attend both sections.

Pre-Requisites: Some previous knowledge of geography is desirable but not essential. The main pre-requisite is an interest in what is currently happening to the environment in Britain.

Teaching Arrangements: In addition to the 40 lectures (Gy220) (twice weekly), 10 classes are arranged during the Michaelmas and Lent Terms and in the early part of the Summer Term. Students are required to prepare short papers on agreed topics for discussion. Essay topics are set from time to time during the course. Students may approach either of the teachers involved for individual advice.

Reading List: A full study guide and list of references is issued to students early in the course. This reading list contains many of the principal books recommended but students are advised to read widely in relevant journals.

J. W. House (Ed.), *The UK Space; Resources*

Environment and the Future, Weidenfeld and Nicholson; R. J. Johnston & J. C. Doornkamp, *The Changing Geography of the United Kingdom*, Methuen 1982 (very useful for the Michaelmas Term); G. Manners, D. Keeble, B. Rodgers & K. Warren, *Regional Development in Britain* (2nd edn.), Very useful for the Lent Term.

R. Dennis & H. Clout, *A Social Geography of England and Wales*, Pergamon, 1980; N. Spence et al., *British Cities, an Analysis of Urban Change*, Pergamon, 1982; J. Fernie, *A Geography of Energy in the UK*, Longman, 1980; J. Blunden, *The Mineral Resources of Britain*, Hutchinson, 1975; J. T. Coppock, *An Agricultural Atlas of Great Britain*, Faber, 1976; R. H. Best, *Land Use and Living Space*, Methuen, 1981; P. Hall, *The Containment of Urban England*, Allen & Unwin, 1974; P. Hall (Ed.), *The Inner City in Context*, Heinemann, 1981; G. McCrone, *Regional Policy in Britain*, Allen & Unwin; M. Blacksell & A. Gilg, *The Countryside, Planning and Change*, Allen & Unwin, 1981; J. B. Goddard & A. G. Champion, *The Urban and Regional Transformation of Britain*, Methuen, 1983. *The Ordnance Survey Atlas of Great Britain*, Country Life Books, 1982, especially the textual matter.

Examination Arrangements: There is a three hour formal examination in the Summer Term on which the assessment is based. Students are required to answer 3 questions from a paper of 9 or 10 questions.

Gy1877

Europe

Teacher Responsible: Mr. D. J. Sinclair, Room S410 (Secretary, Mrs. P. Farnsworth, S409) with Dr. J. E. Martin, Dr. F. E. I. Hamilton and Dr. E. M. Yates (King's College).

Course Intended Primarily for B.A./B.Sc. Geography (Optional 2nd or 3rd year) Degree, 1 c.u.; B.Sc. (Econ.) Part II, Diploma in Geography.

Scope: A survey of contemporary themes in the geography of Europe, examining its spatial attributes in the context of political and economic integration.

Syllabus: Western and Eastern Europe in context. Moves towards economic integration since 1945. The evolution of the EEC and COMECON.

The size, structure and spatial distribution of population. The labour market; patterns and trends of employment. Sectoral and regional changes in agriculture and industry. The onset of de-industrialisation? The

tertiarisation of society.

The European resource base. Fuel and energy resources. Energy policies and regional development.

Comparative analyses of national and regional planning for economic development and social progress.

Studies of selected areas in Western and Eastern Europe to exemplify themes in the relationship between society and environment.

Pre-Requisites: None.

Teaching Arrangements:

Lectures (Gy221): 40 hours, Michaelmas and Lent Terms.

Classes: 10 hours, Sessional.

The lecture sessions will offer some opportunity for discussion. Class arrangements provide for the exploration of central themes and for revision in the Summer Term.

Reading List: A consolidated reading list is provided at the beginning of the course, to be supplemented during the course by references to periodical literature on specific topics and areas. While the ability to read in French or German would be an advantage, the available literature in English is more than adequate for the needs of the course. The following texts are recommended as important sources:

H. D. Clout (Ed.), *Regional Development in Western Europe*; K. Allen & MacLennan, *Regional Problems and Policies*; J. R. Boudeville, *Problems of Regional Economic Planning*; J. T. Connor and W. L. Batt, *Area Redevelopment Policies in Britain and the Countries of the Common Market*; A. Emmanuel (Ed.), *The Regional Factor in Economic Development*; R. A. French and F. E. I. Hamilton, *The Socialist City*; P. Hall & D. Hay, *Growth Centres in European Urban Systems*; F. E. I. Hamilton, *Planned Economies*; G. W. Hoffman (Ed.), *A Geography of Europe: Problems and Prospects*; G. W. Hoffman (Ed.), *Eastern Europe, Essays in Geographical Problems*; J. W. House, *France: An Applied Geography*; R. Lee & P. E. Ogden, *Economy and Society in the E.E.C.*; R. E. H. Mellor and E. A. Smith, *Europe: A Geographical Survey*; R. E. H. Mellor, *Eastern Europe*; J. N. Tuppen, *The Economic Geography of France*, 1983; G. Parker, *A Political Geography of Community Europe*; A. M. El-Agraa (Ed.), *The Economics of the European Community*, 1980; D. Yuill, K. Allen & C. Hull (Eds.), *Regional Policy in the European Community*, 1982.

Examination Arrangements: There is a three hour formal written examination in the Summer Term in which students are required to answer 3 questions from a choice of 8 or 9.

Gy1880

North America I Geographical Patterns of Resources and Economic Development in the United States

Teacher Responsible: Dr. R. C. Estall, Room S506 (Secretary, Nesta Herbert, S508)

Course Intended Primarily for B.A./B.Sc. Geography 2nd or 3rd Year (½ unit course); B.Sc. (Econ.) Part II 2nd or 3rd year I with North America II; Diploma (with North America II).

Scope: The course reviews the spatial patterns and problems of economy and society in the USA and the role of government in relation to economic development and spatial change.

Syllabus: Systematic studies of population, land use, the energy and minerals industries, the farm economy, manufacturing industry, tertiary activities and the urban system.

Emphasis is placed on current national issues, such as patterns of employment, environmental concerns, energy problems and the implications of federal government activities.

Pre-Requisites: Participants should have at least an elementary background in economics and preferably, but not necessarily, in human geography.

Teaching Arrangements: Two lectures (Gy223) per week in the Michaelmas Term, followed by five classes (Gy223a) in the Lent Term. (Special class arrangements are made for General Course students).

Written Work: Will be done in association with the classes. A special essay of not more than 2,500 words will be required on a selected theme, and this will account for 25% of the marks in the final examination.

Reading List: No one text adequately covers the themes dealt with here, and much reading is from recent articles recommended as the course progresses. The course closely follows the pattern set out in: R. C. Estall, *A Modern Geography of the United States* (2nd edn.), 1976, which should be purchased.

Other basic reading will be found in: J. H. Paterson, *North America* (6th edn.), 1979, especially chapters 2 to 7; S. D. Brunn & J. O. Wheeler, (Eds.), *The American Metropolitan System*, 1980.

See also: *The Oxford Regional Economic Atlas of the United States and Canada* (2nd edn.), 1975.

Examination Arrangements:

B.A./B.Sc. Geography, ½ unit course: A three-hour formal examination paper is taken in the Summer Term, with three questions to be

answered from about nine set. This examination accounts for 75 per cent of the marks, with a further 25 per cent allocated to the special essay mentioned above. B.Sc. (Econ.) This course, together with North America I, provides the preparation for a single Part II paper. The examination takes the form described above for the B.A./B.Sc. but *one* essay of not more than 3,000 words is required on a theme selected from *either* North America I or North America II, which will account for 25% of the marks.

Gy1881

North America II Regional Studies of Economic Growth and Change

Teacher Responsible: Dr. R. C. Estall, Room S506 (Secretary, Nesta Herbert, S508)

Course Intended Primarily for B.A./B.Sc. Geography 2nd or 3rd Year ($\frac{1}{2}$ unit course); B.Sc. (Econ.) Part II 2nd or 3rd year (with North America I); Diploma (with North America I).

Scope: This course evaluates contrasts in economic structure and levels of living in major (chiefly USA) regions of North America. Special studies are made of contrasting regions and the post war regional planning policies of the federal government.

Syllabus: A review of regional disparities in economic structure and performance and some of the theoretical explanations thereof. A detailed analysis of the evolving economic and social geography of selected regions and contrasting regional problems. An appraisal of federal programmes for area development.

Pre-Requisites: Participants should have at least an elementary background in economic and human geography. It is preferable, but not essential, to have taken North America I.

Teaching Arrangements: This course (Gy322) begins in the Lent Term, and consists of two lectures per week. The lecture programme will continue into the Summer Term, when classes will be arranged on an informal basis for those who desire. (Special class arrangements are made for General Course students).

Written Work: Will be done in association with the classes.

Reading List: The course requires reference to a number of books and articles. Participants would find it useful, however, to possess a regional text such as: J. H. Paterson, *North America* (6th edn.), 1979 or C. L. White, Foscoe & McKnight, *Regional Geography of Anglo America* (5th edn.), 1979.

Other relevant works include: L. Weinstein & R. E. Firestone, *Regional Growth and Decline*

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in the United States, 1978; G. Sternlieb & J. W. Hughes (Eds.), *Post Industrial America. Metropolitan Decline and Inter-Regional Job Shifts*, 1975; C. H. Martin & R. A. Leone, *Local Economic Development, the Federal Connection*, 1977.

Examination Arrangements: B.A./B.Sc. Geography $\frac{1}{2}$ unit course. A three hour formal examination paper is taken in the Summer Term, with 3 questions to be answered from about 9 set. B.Sc. (Econ.) Part II — see under North America I.

Gy1882

Latin America I: Pre-Industrial Societies

Teacher Responsible: Dr. L. A. Newson, KCL, Room 222, Norfolk Building. (LSE Adviser: Mr. D. K. C. Jones, Room S506B).

Course Intended Primarily for B.A./B.Sc. Geography and B.Sc. (Econ.) 2nd or 3rd year students. $\frac{1}{2}$ c.u.

Scope: The course examines the origin, nature and evolution of pre-industrial societies in Latin America. Special emphasis is placed on the impact of Spanish and Portuguese colonialism.

Syllabus: The evolution of bands, tribes, chiefdoms and states, with some emphasis on the origins of agriculture, urbanism and the state. The nature of Spanish and Portuguese colonialism and changes brought about in the settlement patterns, economy, social structure and religion of Latin America. Special interest is shown in the nature of cultural and demographic changes experienced by the Indians.

Pre-Requisites: None, just an interest in the subject matter.

Teaching Arrangements: Normally 25 lectures (Gy224), given once a week throughout the year. When the teacher has study leave, the lectures will be given twice a week during the one term only. Students should check the arrangements for lectures each year.

Written Work: The class may opt to write a course essay which would count for 20% of the marks, thus making the examination count for 80%.

Reading List: A full list of references will be given to students at the beginning of the course. The following books will be useful: H. Blackmore & C. T. Smith, *Latin America: Geographical Perspectives*; C. Wagley, *The Latin American Tradition*; R. C. West & J. P. Augelli, *Middle America: its Lands and its Peoples*; W. T. Sanders & J. Marino, *New World Prehistory*; J. H. Steward & L. C.

Faron, *Native Peoples of South America*; C. R. Boxer, *The Portuguese Seaborne Empire*; B. W. Diffie, *Latin American Civilisation: the Colonial Period*; C. Gibson, *Spain in America*; C. H. Haring, *The Spanish Empire in America*.

Examination Arrangements: One three-hour examination paper, counting for 100% of the marks (for alternative arrangement, see under Written Work above). B.Sc. (Econ.) Part II students will have to submit an additional essay to raise the value of this course to the equivalent of a Part II B.Sc. (Econ.) paper.

Gy1883

Latin America II: Industrial Societies

(This course will not be given 1984-85)

Teacher Responsible: Dr. L. A. Newson, KCL, Room 222, Norfolk Building. (LSE Adviser: Dr. K. R. Sealy, Room S564).

Course Intended Primarily for B.A./B.Sc. Geography and B.Sc. (Econ.) second or third year students. $\frac{1}{2}$ c.u.

Scope: The course examines the origin, nature and evolution of industrial societies in Latin America. Special emphasis is placed on the economic, social and political problems associated with industrialisation.

Syllabus: The nature of industrial society. The geographical impact of political independence in Latin America. The processes and problems of industrialisation. The nature of primary production: agriculture and mining. Land tenure, agrarian reform and colonisation. Transportation and economic integration.

Demographic changes and rural-urban migration. Regional inequalities and regional planning. Development strategies and politics.

Pre-Requisites: Ideally Latin America I or Third World courses, but not essential.

Teaching Arrangements: Normally 25 lectures (Gy323), given once a week throughout the year. When the teacher has study leave, the lectures will be given twice a week during one term only. Students should check arrangements for lectures each year.

Written Work: The class may opt to write a course essay which would count for 20% of the marks, thus making the examination count for 80%.

Reading List: A full list of references will be issued to students at the beginning of the course. The following books will be useful: H. Blackmore & C. T. Smith, *Latin America: Geographical Perspectives*; A. G. Frank, *Capitalism and Underdevelopment in Latin America*; A. Gilbert, *Latin American*

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Development; K. Griffin, *Underdevelopment in Latin America*; D. Preston & P. Odell, *Societies and Economies in Latin America*.

Examination Arrangements: One three-hour examination paper, counting for 100% of the marks (for alternative agreement, see under 'Written Work' above). B.Sc. (Econ.) Part II students will have to submit an additional essay to raise the value of this course to the equivalent of a Part II B.Sc. (Econ.) paper.

Gy1884

The Third World: Social and Economic Basis

Teacher Responsible: Prof. W. B. Morgan, KCL, Room 104, Norfolk Building, (Secretary, Mrs. C. Baynes, 103, Norfolk Building) (LSE Adviser: Mr. D. K. C. Jones, Room S506B).

Course Intended Primarily for 3rd year B.A./B.Sc. Geography and B.Sc. (Econ.) special subject Geography students. $\frac{1}{2}$ c.u.

Scope: The aim of the course is to introduce students to the social and economic characteristics of the Third World and the development problems it faces. It will thus examine in general terms most aspects of the geography of the Third World, including agriculture, industry, transport, population, urbanisation and planning, and assess the applicability of models developed in the respective branches of the subject to the Third World. It will also discuss various models of development as applied to the Third World.

Syllabus:

Development characteristics
Aspects of agricultural development
Exploitation of natural resources
Industrialisation
Population growth problems
Urban development
Income disparities
National & regional planning
Models of development

Pre-Requisites: None.

Teaching Arrangements: Twenty-three lectures (Gy225) Sessional.

Reading List: P. Bairoch, *The Economic Development of the Third World since 1900*, 1975; H. Bernstein (Ed.), *Underdevelopment and Development*, Penguin, 1975; Brandt Report, *North-South: a Programme for Survival*, 1980; H. C. Brookfield, *Interdependent Development*, 1975; S. Goodenough, *Values, Relevance and Ideology in Third World Geography*, Open University text, 1977; B. W. Hodder, *Economic Development in the Tropics*, 1968; N. Long, *An Introduction to the Sociology of*

Rural Development, 1977; A. L. Mabogunje, *The Development Process: A Spatial Perspective*, 1980; A. B. Mountjoy, *Developing the Underdeveloped Countries*, 1971; I. Roxborough, *Theories of Underdevelopment*, 1979; World Bank (IBRD), *World Development Report* (annual).

Examination Arrangements: One three-hour examination. B.Sc. (Econ.) Part II students will have to submit an additional essay to raise the value of this course to the equivalent of a Part II B.Sc. (Econ.) paper.

The Soviet Union

Gy1886

Teacher Responsible: Dr. F. E. I. Hamilton, Room S511 (Secretary, Mrs. P. Farnsworth, S409)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.A./B.Sc. 1 c.u. main field Geography 3rd year; Dip. Geography.

Syllabus: This course focusses primarily on the locational and regional impacts of Soviet policies and planning, decisions, and their implementation since 1917. There are two main parts.

The first examines mainly issues that relate to society – physical environment interrelationships: changing state attitudes to the physical environment, its use and conservation; the management of vast area; population changes, patterns and problems; agricultural reorganization and modernization; transport and inter-regional relations.

The second examines the locational and regional objectives, policies, decisions, and management problems, shaping Soviet industrialization, urbanization, and regional economies; city planning, urban form, function and social justice; tourism and recreation.

Pre-Requisites: None.

Teaching Arrangements: 45 lectures and classes (Gy324) Sessional.

Reading List: S. Balzak, F. Vsyutin & Ya Feigin, *Economic Geography of the USSR*; V. Bandera & Z. Lew Melnyk, *The Soviet Economy in Regional Perspective*; J. P. Cole & F. C. German, *A Geography of the USSR*; G. Demko & R. J. Fuchs, *Geographical Perspectives in the Soviet Union*; F. E. I. Hamilton, *The Moscow City Regions*; D. J. M. Hooson, *The Soviet Union: A Regional Geography*; P. Lydolph, *A Geography of the USSR*; R. Mathieson, *The Soviet Union*; R. A. French & F. E. I. Hamilton, *The Socialist City*; F. E. I. Hamilton, *Planned Economies*; Koropeckyj & G. Schroeder, *Regional Economies in the Soviet Union*.

Examination Arrangements: One 3 hour written paper equivalent to 75 per cent and an

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essay equivalent to 25 per cent of the course evaluation.

Gy1919

Urban Politics: A Geographical Perspective

Teacher Responsible: Keith Hoggart, Room 452, Norfolk Building, KCL (Secretary, Helena Gardberg, 107, Norfolk Building). Within LSE Dr. Michael Hebbert, Room S412, will be able to answer questions about the course.

Course Intended Primarily for B.A./B.Sc. Geography, B.Sc. (Econ.) special subject Geography, third year. 1 c.u.

Scope: The course examines how the organisation of power in society affects spatial variation in social well-being. The material considered largely comes from the USA and Britain, but some material from other advanced capitalist countries is included.

Syllabus:

1. Significance of local government: theories of the state, democracy, power.
2. National context: corporate-government interrelations, South Africa, the US sunbelt, Central Government expenditures.
3. Structure of local government: local government resources, central-local relations, differences between USA and English structures, contracting, special districts, the local fiscal crisis.
4. Local-government policy-making: elections, community power structures, councillors and leaders, parties and political machines, bureaucracy, reform government, pressure groups, urban riots, locational conflict.
5. Local government outputs: intra- and inter-authority output distribution, housing, and urban renewal, education and busing.

Pre-Requisites: None, other than an interest in the subject area.

Teaching Arrangements: Approximately 35 lectures, plus 8 classes. The course is wholly taught by Keith Hoggart (Room 452, Norfolk Bld, KCL).

Reading List: K. R. Cox, *Conflict, Power and Politics in the City: A Geographical View*, New York, McGraw-Hill, 1973; J. Dearlove, *The Reorganisation of British Local Government*, Cambridge University Press, 1979; P. Dunleavy, *Urban Political Analysis*, Macmillan, London, 1980; J. J. Harrigan, *Political Change in the Metropolis*, Little, Brown, Boston, 1976; R. J. Johnston, *Geography and the State*, Macmillan, London, 1982; R. L. Lineberry & I. Sharkansky, *Urban Politics and Public Policy* (3rd edn.) Harper &

Row, New York, 1978; J. La Groye & V. Wright (Eds.), *Local Government in Britain and France*, Allen & Unwin, London, 1979; K. Newton (Ed.), *Urban Political Economy*, Frances Pinter, London, 1981; P. Saunders, *Urban Politics*, Hutchinson, London, 1979.

Examination Arrangements: Course essay and class report, plus a three hour unseen examination.

Gy1920

Spatial Aspects of Economic Development

Teacher Responsible: Dr. F. E. I. Hamilton, Room S466 (Secretary, Mrs. P. Farnsworth, S409)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.A./B.Sc. Geography 3rd year; but also available, with permission, for General Course students 1 c.u.

Scope: The paper examines the spatial objectives, processes and impacts mainly of industrial change at the regional, national and international levels in developed and developing countries.

Syllabus: Emphasis in the paper will be placed on selected topics, primarily: forces shaping the spatial patterns of labour market operations and occupational structures; the roles of contact patterns and information flows in industry and business in regional development and regional policies; North-South and East-West development problems; direct and indirect effects of foreign investment (including multinational-corporate investment) and of government policies on international, national and regional development patterns; the assessment of models of uneven industrialization and of growth. Examples will be drawn from various market and non-market economies.

Pre-Requisites: An Economics paper and/or Economic Geography in the case of B.Sc. (Econ.) and B.A./B.Sc. Geography students; suitable economics or development background in all other cases.

Teaching Arrangements: The course comprises 40 lectures (Gy304) with 5 seminars to facilitate broad discussion of the major issues. Teaching is shared by Dr. Hamilton and Dr. Frost.

Written Work: Assessment of this course is by a 3 hour written examination only.

Reading List: *F. E. I. Hamilton & G. J. R. Linge, *Spatial Analysis, Industry and the Industrial Environment*, Vol. 1 *Industrial Systems*, Vol. 2 *International Industrial Systems*, Vol. 3 *Regional Economies and Industrial Systems*; W. W. Rostow, *The World Economy*; N. Ginsburg, *Essays on Geography*

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and *Economic Development*; N. Ginsburg, *Atlas of Economic Development*; A. O. Hirschman, *Strategy of Economic Development*; Donella & H. Meadows, *The Limits of Growth – The Club of Rome's Views*; A. B. Mountjoy, *Industrialization & Underdeveloped Countries*; *G. Myrdal, *Economic Theory & Underdeveloped Regions*; *F. E. I. Hamilton, *Contemporary Industrialization*; *F. E. I. Hamilton, *Industrial Change*; *R. Vernon, *Sovereignty at Bay: The Spread of US Multi-national Enterprise*; A. R. Kuklinski, *Growth Poles and Growth Centres in Regional Planning*; A. R. Kuklinski, & R. Petrella, *Growth Poles & Regional Policies*; F. E. I. Hamilton, *Spatial Perspectives on Industrial Organisation and Decision-Making*; H. Myint, *Economic Theory and the Underdeveloped Countries: Southeast Asia's Development Policies in the 1970s*.

* Essential reading.

Examination Arrangements: 1 three-hour examination.

Gy1921

Advanced Economic Geography: Agriculture

(This course will not be given in 1984–85)

Teacher Responsible: Mr. D. J. Sinclair, Room S410 (Secretary, Mrs. P. Farnsworth, S409)

Course Intended Primarily for B.A./B.Sc. Geography 3rd year. ½ c.u. B.Sc. (Econ.) Part II, Diploma in Geography.

Scope: A study of farming structures and the location and distribution of agricultural activity.

Syllabus: Concepts and methods in the study of agricultural geography. Some agricultural models.

The nature of agricultural resources: land, labour, capital and management. Farm data and analysis. Farm enterprises and systems. Enterprise combinations and classification. Time in agriculture. Innovation and diffusion. The diffusion of agricultural techniques. Farm types. The evolution, location and structure of farming systems. Size of farm business.

Agriculture and the market. Agriculture and the state. Agribusiness and factory farming. Agriculture in the Third World. The Green Revolution. Plantations and peasant farming. The role and status of agriculture in economic development.

Pre-Requisites: There are no compulsory pre-requisites but students will find it to their advantage to have taken as an option The

Location of Economic Activity (Study Guide No. Gy1820).

Teaching Arrangements:

Lectures (Gy306): 20 hours Michaelmas and Lent Terms.

Classes (Gy306a): 10 hours, Sessional.

Reading List: An up-to-date reading list is provided at the beginning of the course and supplemented during the course as appropriate. The following texts are recommended: W. B. Morgan & R. C. Munton, *Agricultural Geography*; M. Haines, *An Introduction to Farming Systems*; A. Edwards & A. Rogers, *Agricultural Resources*; J. T. Coppock, *An Agricultural Geography of Great Britain*; J. Ashton & S. J. Rogers, *Economic Change in Agriculture*; W. C. Found, *A Theoretical Approach to Rural Land-Use Patterns*; W. B. Morgan, *Agriculture in the Third World*; I. Bowler, *Government and Agriculture*; M. J. Stabler, *Agricultural Economics and Rural Land Use*; C. Clark & M. Haswell, *The Economics of Subsistence Agriculture*; S. H. Franklin, *The European Peasantry*; T. W. Schultz, *Transforming Traditional Agriculture*.

Examination Arrangements: There is a three hour formal examination in the Summer Term. Students are required to answer 3 questions out of a total of 8 or 9. Questions are typically of the discussion type and copies of examination papers from previous years are available from the Secretary to the Department of Geography.

Gy1922

Geography of Rural Development

Teacher Responsible: Mr. K. Hoggart, KCL, Room 452, Norfolk Building. (LSE Adviser: Mr. D. J. Sinclair, Room S410).

Course Intended Primarily for B.A./B.Sc. Geography 3rd Year students, also B.Sc. (Econ.) students. 1 c.u.

Scope: Concentrating on advanced capitalist societies and their experience since 1945, this course is problem-oriented. It is concerned with the nature of 'development' in rural areas and examines particular issues and patterns of change in order to identify the determinants of change and their consequences for economy and society.

Syllabus: Conceptions of development, settlement growth and decline, rural infrastructure (e.g. housing, service provision, transport). Agricultural adjustment and

organisation, land use planning and agricultural policy, conservation and the landscape, national parks. Industry in rural areas. National Parks. Social structure and social change. National policies within the CAP.

Pre-Requisites: None.

Teaching Arrangements: Approximately 40 lectures (Gy305), two per week. The course is taught by K. Hoggart, Professor W. B. Morgan and Mr. D. Sinclair.

Written Work: One course essay (maximum 2,500 words), counting for 25% of the total marks.

Reading List: M. Blacksell & A. W. Gilg, *The Countryside*, Allen & Unwin, London, 1981; M. C. Whitby & K. G. Willis, *Rural Resource Development*, Methuen, London, 1978; G. E. Cherry (Ed.), *Rural Planning Problems*, Leonard Hill, London, 1976; F. H. Buttel & H. Newby (Eds.), *The Rural Sociology of Advanced Societies*, Croom Helm, London, 1980; J. M. Shaw (Ed.), *Rural Deprivation and Planning*, Geo Abstracts, Norwich, 1979; L. G. Tweeten & G. L. Brinkman, *Micropolitan Development*, Iowa State University Press, Ames, 1976; I. Hodge & M. C. Whitby, *Rural Employment*, Methuen, London, 1981; H. Newby, *Green and Pleasant Land?*, Penguin, Harmondsworth, 1979.

Examination Arrangements: One three-hour written paper, counting for 75% of the total marks, in which three questions must be answered.

Gy1926

Urban and Regional Planning

Teacher Responsible: Dr. M. Hebbert, Room S412 (Secretary, Mrs. A. Cratchley, S406)

Course Intended Primarily for B.A./B.Sc. c.u. main field Geography 2nd or 3rd year; also B.Sc. (Econ.) Part II. Michaelmas and Lent Terms may also be taken as 1/2 c.u. by Beaver College Students.

Scope: The development of urban and regional planning in postwar Britain and an assessment of its impact on the geography of the UK.

Syllabus:

- I. The historical development of law, administration and policy
- II. Geographical impact - methodology and overview
- III. Residential landuse - suburban development and urban renewal
- IV. Urban form
- V. Regional structure
- VI. Rural land use

VII. The politics of planning

Pre-Requisites: A basic knowledge of the geography of the UK will be useful but not absolutely essential.

Teaching Arrangements: Two lectures (Gy310) a week for 22 weeks. Seven of the lecture periods will be devoted to classes. Weeks 3 and 4 in the Summer Term will be revision classes. A one-day field excursion may be held in the Summer Term. Professor Diamond and Dr. Hebbert share all the teaching. Classes will be devoted to specific topics notified at the start of the course and all students will be expected to prepare presentations for these. In addition students should attend 10 lectures (Lent Term) by Mr. Drewett and Dr. Spence on *Techniques of Impact Analysis* (Gy409). **Reading List:** No one book covers the entire syllabus and the periodical literature is an important source of material. A separate reading list for each part of the syllabus will be provided. Useful introductions to the course are: L. S. Bourne, *Urban Systems: Strategies for Regulation*, Ch 4.1, 1975; J. B. Cullingworth, *Town and Country Planning in Britain*, 1982; J. M. Hall, *The Geography of Planning Decisions*, 1982; P. Hall, *Urban and Regional Planning*, 1975; J. W. House, *The UK Space* (3rd edn.), Ch 6.iv, 1982; D. H. Mackay & A. W. Cox, *The Politics of Urban Change*, 1979.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus. The examination paper will contain 8 questions from which any 3 must be chosen. Copies of previous years' papers are available.

Gy1929

The Social Geography of Urban Change

Teacher Responsible: Dr. S. S. Duncan, Room S512 (Secretary, Mrs. A. Naimi, S406)

Course Intended Primarily for 3rd year B.A./B.Sc. Geography 1 c.u., also Dip. Geography.

Scope: In-depth analysis of the political economy of urban change in advanced capitalist countries, mostly with reference to Britain but with European comparisons.

Syllabus:

1. (M.T.) Social process and locality, looking at gender, class and political relations in the context of local change and localities.
2. (L.T.) The political economy of housing provision, looking at construction, land,

tenure and state policy.

Pre-Requisites: Knowledge of theoretical developments and empirical work in social geography and/or urban studies would be useful. Social geography: *Spatial Change and Social Process* (2nd year course) recommended but not essential.

Teaching Arrangements: One seminar (Gy307) (1 1/2 hours) per week; 10 Michaelmas Term; 10 Lent Term. Seminars require prior presentation and active participation by students. Dr. S. S. Duncan is the teacher. **Reading List:** No book covers the course, and extensive use will be made of research papers, interest group publications etc, most of which are held in the Geography Department Collection in Room S502. Basic material would include: M. Ball, *Economic Power and Housing Policy* (1983); P. Dickens, S. S. Duncan, M. Goodwin & F. Gray, *Housing, States and Localities* (1984), (Ch. drafts in S502); D. Massey & A. Catelano, *Capital and Land* (1978); ? Merrett, *State Housing in Britain* (1979); P. Saunders, *Urban Politics: A Sociological Introduction* (1979).

Examination Arrangements: One 3-hour unseen paper (3 questions out of 9) accounts for 60% of marks. Two extended essays of 4,000 words with students choice of title account for 40% of marks. One essay to be handed in by mid-January; one by mid May.

Gy1931

Comparative Studies in Spatial Policy

Teacher Responsible: Professor D. R. Diamond, Room S405 (Secretary, Mrs. A. Naimi, S406)

Course Intended Primarily for 3rd year B.A./B.Sc. main field Geography, 1 c.u.

Scope: An examination of the methods and practice of urban and regional planning with special reference to Europe.

Syllabus: An examination of contemporary trends in European urbanisation and their theoretical bases. The goals, instruments and achievements of urban and regional policy.

Pre-Requisites: Students will normally be expected to have taken Urban and Regional Planning in their second year.

Teaching Arrangements: Michaelmas Term 10 lectures (Gy309) (1 1/2 hours each) by Professor D. R. Diamond and Mr. J. R. Drewett.

1. Theories of contemporary urbanisation
2. Current trends in European urbanisation
3. The policy process: formulation, implementation and evaluation.

Lent Term: 10 seminars (Gy309) based on case studies selected to illustrate comparative methodology applied to aspects of urban and regional planning in Europe.

Reading List: Comprehensive reading lists will be provided for each part of the course. The following are considered important: D. MacLennan & J. B. Parr, *Regional Policy*; N. Vanhove & L. H. Klassen, *Regional Policy: A European Approach*; J. T. Cuppock & W. R. D. Sewell, *Spatial Dimensions of Public Policy*; K. R. Cox & R. J. Johnston (Eds.), *Conflict, Politics and the Urban Scene*.

Examination Arrangements: Course work essays (25%) and 3 hour formal examination (75%).

Gy1935

Urban Change and Regional Development

Teacher Responsible: Mr. J. R. Drewett, Room S408, (Secretary, Mrs. A. Naimi, S406)

Course Intended Primarily for B.Sc. (Econ.) Part II Environment and Planning, 3rd year, 1 c.u.

Scope: The role of the State in contemporary urban and regional change viewed from liberal and neo-marxist perspectives.

Syllabus: Theory and trends in contemporary European urbanisation. The policy process as an agent of urban and regional change. The political economy of housing in advanced capitalist countries.

Teaching Arrangements: Michaelmas Term 10 lectures (Gy309) (1½ hours each) by Professor D. R. Diamond and Mr. J. R. Drewett. Lent Term 10 seminars (Gy307) by Dr. S. S. Duncan.

Reading List: See Study Guides of constituent courses Gy1929 and Gy1931.

Examination Arrangements: Two course work essays (30%) together with a three hour formal examination.

Gy1942

Transport: Environment and Planning

Teacher Responsible: Dr. K. R. Sealy, Room S564, (Secretary, Mrs. A. Naimi, S406)

Course Intended Primarily for 3rd year students taking the B.A./B.Sc. in Geography,

the B.Sc. (Econ.) Part II Environment and Planning and for graduates taking the transport options in the M.Sc. and Diploma in Geography. It is also available to other undergraduates as an intercollegiate course. 1 c.u.

Scope: The course introduces students to the environmental problems created by transport activities, primarily as they affect non-users of the facility and the implications for planning. The course refers mainly to road and air Transport.

Syllabus:

1. General survey of major environmental issues in the transport sector, with reference to road and air Transport.
2. Detailed analysis of two or three major hazards and their economic and social impacts, e.g. noise pollution; visual intrusion; road safety. Combined assessments, e.g. traffic hazards in urban areas.
3. Public participation at local and regional levels. Includes planning inquiries, special commissions and working parties covering urban and rural areas.
4. Compensation in theory and practice.
5. The overall impact statement including the use of cost benefit analysis; other aggregated and disaggregated impact statements, environmental balance sheets and comparative statements.

Pre-Requisites: A basic knowledge of economics and/or geography is advisable but not essential.

Teaching Arrangements: There are 30 lectures (Gy313) and approximately 10 classes (Gy313a) spread over the Michaelmas and Lent Terms. At least one class is devoted to a discussion of the topics that students may choose for their essay or survey.

Reading List: There is no single set book which covers road and air transport adequately. The following are useful as basic reading: C. Sharp & T. Jennings, *Transport and the Environment*, 1976; P. Weiner & E. J. Deak, *Environmental Factors in Transportation Planning*, 1972; A. Lassiere, *The Environmental Evaluation of Transport Plans*, Research Report 8 (Transport), Dept. of Environment, 1976, Covers road transport; A. H. Stratford, *Airports and the Environment*, 1974; D. W. Pearce, *The Valuation of Social Cost*, 1978; Jean Morton Williams, *Road Traffic and the Environment*; Social and Community Planning Research (SCPR), 1978; Patricia Prescott-Clarke, *Public Consultation and Participation in Road Planning*, SCPR, 1975; J. Catlow & C. G. Thirlwall, *Environmental Impact Analysis*, Research Report II, Dept. of The Environment, 1976.

Examination Arrangements: There is a three-hour formal, written examination based on the syllabus. A choice of questions will be provided of which three are to be answered, each carrying equal marks. The paper carries 75% of the total marks. The remaining 25% of the marks will be allocated to an essay or small piece of survey work on a topic related to the course, up to a maximum of 3000 words.

Gy1943

Resource and Environmental Management

Teacher Responsible: Dr. J. A. Rees, Room S506A, (Secretary, Miss Nesta Herbert, S508)

Course Intended Primarily for 3rd year, B.Sc. (Econ.) Part II Environment and Planning (compulsory), B.A./B.Sc. main field Geography (1 c.u.), and Diploma in Geography. Part A also taken by M.Sc. (Geography) and M.Sc. in Urban and Regional Planning.

Scope: An analysis of resource management theory and of the practical problems involved in formulating, implementing and evaluating mineral, energy, renewable resources and environmental management systems and policies.

Syllabus: Part A:

1. General concepts in resource management
2. Natural resource scarcity — alternative assessments and perspectives
3. Minerals and Energy Resources — the economic and political issues in the search for minerals, the distribution of production and consumption, and in trade patterns. The impact of market structure, corporate and institutional behaviour and government policies on the distribution of production and on the generation of mineral related growth and development. The efficiency, equity and security of the mineral production and consumption process.
4. The nature of renewable resource problems in both advanced and less developed countries. The need for conservation and pollution abatement strategies. Alternative management systems, techniques and policies — administration, legal regulations, market mechanisms, public participation. The political nature of decision-making and the role of interest and pressure groups.

Part B:

Britain will be used as a detailed case study to exemplify the practical problems involved in formulating and implementing resource use and pollution control policies.

1. Current administrative arrangements — their historical developments and present day problems.
2. Decision-making in the private and public sectors — role of the legislative and executive branches of government at the national and local levels — the influence of the media and pressure groups.
3. Planning for Minerals and Energy — minerals and energy policies in practice, — development versus conservation — planning to control the pollution and dereliction problems arising from mining, production and consumption.
4. Policy and Practice of Pollution Control — an analysis of the adequacy of current control systems for water pollution, air pollution, and solid and hazardous waste disposal.
5. Land Planning for wildlife conservation, landscape protection and recreation, including national park planning, coastal zone management, green greenbelt policy etc.

Pre-Requisites: The second-year Man and His Physical Environment is recommended.

Teaching Arrangements: Two lectures (Gy311) per week in Michaelmas and Lent Terms. The lectures are given primarily by Dr. J. A. Rees, with contributions by Professor P. R. Odell and Mr. D. K. C. Jones.

Reading List: No single book or even group of books cover the material adequately. Reading lists are provided for each part of the syllabus and students will need to keep up-to-date by following press coverage and government reports. Basic reading material includes: D. W. Pearce, *The Economics of Natural Resource Depletion*; P. Odell, *Oil and World Power* (2nd edn.); R. Bosson & B. Varon, *The Mining Industry in the Developing Countries*; O. R. Young, *Natural Resources and the State*; R. J. Barnett, *The Lean Years, Politics in the Age of Scarcity*; P. Dasgupta, *The Control of Resources*; *The Conservation and Development programme for the UK: A Response to the World Conservation Strategy*; F. Sandbach, *Environment, Ideology and Policy*; T. O'Riordan & R. K. Turner, *An Annotated Reader in Environmental Planning and Management*; Royal Commission on *Environmental Pollution Reports* — 1 to date; Department of the Environment, *Digest of Environmental Pollution Statistics*, 1980; E. Ashby, *Reconciling Man with the Environment*, 1978; P. Smith, *The Politics of Physical Resources*, 1975; M. Blacksell & A. Gilg, *The Countryside: Planning and Change*, 1981; R.

Mabey, *The Common Ground*, 1980; A. Porteous *et al.*, *Pollution, the Professional and the Public*, 1976; R. Levitt, *Implementing Public Policy*, 1980; M. Shoard, *The Theft of the Countryside*, 1980; K. W. Wallwork, *Derelict Land*, 1974.

Examination Arrangements: There is a three hour formal examination in the Summer Term based on the full syllabus (Parts A and B). The examination paper normally will contain 9 questions from which 3 questions must be answered, of which one must be taken from each of Parts A and B.

Students taking one part of the course as a 1/2-course unit, will also have a three hour formal examination. The paper will normally contain 8 questions from which three must be answered.

Gy1950

Map Design and Evaluation

Teacher Responsible: Dr. C. Board, Room S413 (Secretary, Mrs. P. Farnsworth, S409)

Course Intended Primarily for B.A./B.Sc. Geography Third Year. 1/2 c.u.

Scope: This course shows those who are interested in maps and their use how maps are designed and may be assessed for their effectiveness.

Syllabus: The essential role of maps to store and convey spatially distributed information and for way-finding. The value of theoretical models of cartographic communication. The influence of user requirements on map design. Sources of locational information and data for the content of maps and the problems associated with the form in which they exist. Choosing the graphic elements appropriate to the purpose and constraints imposed. Methods of evaluating maps in the laboratory and field.

Teaching Arrangements: One lecture (Gy315) a week Michaelmas and Lent Terms, supplemented by technical visits to establishments concerned with map production. Guidance will be given on tackling course work projects.

Lectures will be copiously illustrated by maps and relevant material, which students are expected to examine closely. Reference will be made to specific articles, reports and books, and to further examples of maps which can be studied in the Map Room of the Geography Department (Room S502). It is customary to hold at least one revision class early in the Summer Term to discuss the approach to questions from old examination papers.

Written Work: At the beginning of the Lent Term two course work projects will be announced. One is a justified outline of a design for a map with a specified purpose; the second is a discussion of appropriate ways of evaluating a published map, of which copies will be made available. Each carries 20% of the marks for the half course unit examination. For the former it is not expected that a fully worked-out and complete design be presented, but it will be an advantage to illustrate elements of the design by showing what could be small excerpts as they would appear. Some discussion of alternative designs may be helpful. For the latter students are not required to undertake any actual testing other than that which helps to justify the choice of methods. In both projects students must bear in mind the relevance of their discussion to the problems based.

Reading List: Essential background reading is provided by A. H. Robinson & B. B. Petchenik, *The Nature of Maps: Essays Toward Understanding Maps and Mapping*, Chicago University Press, 1976; and J. S. Keates, *Understanding Maps*, Longman, 1982. The latter should be bought. Two further texts complement one another. A. H. Robinson, R. Sale & J. Morrison, *Elements of Cartography* (4th edn.), John Wiley, New York, 1978; and P. C. Muehrcke, *Map use: Reading Analysis and Interpretation*, J. P. Publications, Madison, 1978. Students should seriously consider buying the 4th or 3rd editions of *Elements of Cartography* if they are at all likely to continue their studies for to take any employment connected with map making and use.

Further specialised reading will be provided during the course and will include references to books and journals in the Library as well as offprints in the departmental collection.

Examination Arrangements: A three hour formal examination in the Summer Term with three out of normally eight unseen questions; plus two course-work projects each of not more than 1,500 words. Credit will be given for appropriate graphic illustration in all parts. Examination 60 per cent; projects each 20 per cent to be handed in by a date in May specified by the Board of Examiners.

Gy1951

Advanced Cartography

Teacher Responsible: Mr. G. R. P. Lawrence, KCL, Room 223 Norfolk Building. (LSE Adviser: Dr. C. Board, Room S413)

Course Intended Primarily for 3rd year B.A./B.Sc. students. 1/2 c.u.

Scope: This course takes students into a deeper study of the problems of map-making, data collection, presentation of information and cartographic techniques than is possible in the introductory first year course.

Syllabus: The problems of scale, in general terms and also in relation to Symbols and Generalisation. Characteristics of topographic and thematic maps. Techniques of Cartographic Representation, isopleths, choropleths, map conventions and the use of colour. Map projections and grid systems, historical aspects of cartography from primitive maps to the present day, with special reference to national mapping organisations in Britain, Western Europe, North America and the Commonwealth. Automation in cartography and computer assisted cartography. Map design and layout, lettering and map specifications. Air photography applied to cartography; the orthophotomap and the pictomap. Interpretation aspects of aerial photographs and their use in map revision.

Map reproduction; engraving, letterpress and lithographic processes. Proofing and simple procedures for short runs.

Pre-Requisites: None.

Teaching Arrangements: Weekly one hour lecture (Gy216) throughout Michaelmas and Lent Terms, with practical work sessions by arrangement, normally two hours' duration weekly for up to 15 weeks. Project work also undertaken and visits arranged to cartographic establishments, e.g. Ordnance Survey. A weekend field course is also held during the Lent Term.

Written Work: Course work and project assessments make up 40% of the total marks; these are to be submitted by 1 May each year.

Reading List: The basic list for the course is given below. Additional references will be quoted on specific topics during the course, and students should become familiar with a range of cartographic periodicals and journals: J. B. Harley, *Ordnance Survey Maps*, 1975; E. Imhof, *Cartographic Relief Presentation*, 1982; J. S. Keates, *Cartographic Design and Production*, 1968; J. Loxton, *Practical Map Production*, 1980; D. Maling, *Co-ordinate Systems and Map Projections*,

1973; P. C. Muehrcke, *Map Use*, 1978; D. R. F. Taylor, *The Computer in Contemporary Cartography*, 1980; David J. Cuff & Mark T. Mattson, *Thematic Maps: Their Design and Production*, 1982; John P. Snyder, *Map Projections Used By The U.S. Geological Survey*, 1983.

Examination Arrangements: One three-hour examination, accounting for 60% of the course assessment.

Gy1960

Geomorphology II — Paleogeomorphology

Teacher Responsible: Professor C. Embleton, KCL, Room 218, Norfolk Building and Mr. D. K. C. Jones LSE, Room S506B

Course Intended Primarily for 2nd or 3rd year students. 1 c.u.

Scope: Chronological and regional studies in geomorphology, with particular reference to the British Isles.

Syllabus: The first part of the course deals with techniques of absolute and relative dating in geomorphology, and the problems of correlation of both landforms and deposits. A second section deals with Cenozoic tectonics and sea-level change. The third part of the course considers the geomorphological evolution of selected regions of the British Isles, principally south-east England, Wales and Scotland.

Pre-Requisites: Physical Geography (0111). Preferably Geomorphology I (0260), but not essential. **Fundamentals of Geology** (GL.101), **British Stratigraphy** (GL.211) and other geology courses useful, but not essential. The course is also designed to complement and not overlap with **Environmental Change** (0470).

Teaching Arrangements: Lectures (Gy300) two hours a week for the Michaelmas and first half of Lent Term, making a total of about 30 lectures. Lecturers: **Professor Embleton, Mr. D. K. C. Jones**. A 5-day field course during the Easter vacation.

Reading List: Only a selection of books is given here; numerous articles will also be recommended: H. Baulig, *The Changing Sea-level*, IBG Publ. No 3, reprinted 1968; D. Q. Bowen, *Quaternary Geology*, Pergamon, 1978; R. A. Cullingford *et al.*, *Timescales in Geomorphology*, Wiley, 1980; A. S. Goudie, *Environmental Change*, 1977; W. F. Libby, *Radiocarbon Dating*, 1965; J. Neale & J. Flenley (Eds.), *The Quaternary in Britain*, Pergamon, 1981; K. P. Oakley, *Frameworks*

for *Dating Fossil Man* (3rd edn.), 1969; F. W. Shotton (Ed.), *British Quaternary Studies: Recent Advances*, Oxford University Press, 1977; B. W. Sparks & R. G. West, *The Ice Age in Britain*, Methuen, 1972; C. Vita-Finzi, *Recent Earth History*, Macmillan, 1973; R. G. West, *Pleistocene Geology and Biology*, Longman, 1972; D. K. C. Jones (Ed.), *The Shaping of Southern England*, Academic Press, 1980; D. K. C. Jones, *South-east and Southern England*, Methuen, 1981; J. B. Sissons, *Scotland*, Methuen, 1976; J. B. Sissons, *The Evolution of Scotland's Scenery*, Oliver & Boyd, 1967; S. W. Wooldridge & D. L. Linton, *Structure, Surface and Drainage in South-east England*, Geo Philip & Son, 1955; E. H. Brown, *The Relief and Drainage of Wales*, University of Wales Press, 1960; C. A. Lewis, *The Glaciations of Wales*, Longman, 1970.

Examination Arrangements: One 3-hour paper, undivided; three questions to be answered (80%); one extended essay of 2,500 words to be handed in by a specified date early in the Summer Term (20%).

Gy1961

Geomorphology III: Concepts & Methods

Teacher Responsible: Professor D. Brunsten, KCL, Room 455 Norfolk Building. (Also Professor J. B. Thornes, Bedford College) (LSE Adviser: Mr. D. K. C. Jones, Room S506B)

Course Intended Primarily for 3rd year B.A./B.Sc. Geography, Joint Geog./Geol. and Geology students. ½ c.u.

Scope: An advanced level investigation of concepts and methods in Geomorphology, with a discussion of the history of geomorphological ideas.

Syllabus:

1. The fundamental concepts of landform evolution, uniformitarianism, catastrophism, neo-catastrophism, actualism and the models of Davis, Penck, King, Gilbert, Hack, etc.
2. Qualitative and quantitative analysis and model building, including discussion of equilibrium and unsteady behaviour, deterministic, probabilistic, and stochastic modelling.

Pre-Requisites: Geomorphology I: Processes (0260).

Teaching Arrangements: One lecture (Gy301) in small class form per week, with extended time available beyond the hour if needed for

discussion.

Written Work: Two essays of maximum 4,000 words each, counting for 30% of the total marks. One will be set each term.

Reading List: R. J. Chorley *et al.*, *History of the Study of Landforms*, Vols. 1 and 2, Methuen, 1969, 1974; J. B. Thornes & D. Brunsten, *Geomorphology and Time*, Methuen, 1977.

Examination Arrangements: One three-hour paper, counting for 70% of the total marks, in which 3 questions out of about 9 have to be answered.

Gy1962

Environmental Change

Teacher Responsible: Dr. R. A. M. Gardner, KCL, Room 453, Norfolk Building. (LSE Adviser: Mr. D. K. C. Jones, Room S506B)

Course Intended Primarily for B.A./B.Sc. Geography 2nd or 3rd year students. ½ c.u.

Scope: This course examines the nature and causes of environmental change during the Quaternary, with special reference to the tropics. The evidence used in establishing the nature of change is discussed later in the course.

Syllabus: A wide spectrum of changes in the environment is considered, including climatic fluctuations and their cause, variations in sea level and their cause, soil and vegetation development, Pleistocene extinctions of mammals, the evolution of man and the beginning of agriculture. Detailed discussion of these is preceded by an introduction to the chronology and subdivision of the Quaternary. The second part of the course considers the evidence used in reconstructing the changes, and the problems involved in environmental reconstruction. Most of the subject matter is highly controversial.

Pre-Requisites: Geomorphology I provides a useful background.

Teaching Arrangements: Twenty lectures (Gy316) (one per week during Michaelmas and Lent Terms). Attendance is also required on a 4-day field trip, usually to N. Devon or N. Norfolk, during the Easter vacation. Students may approach the teacher for individual advice and are encouraged to write essays during the course.

Written Work: Students are required to submit a course paper (approx. 2,500 words) on a relevant topic of their choice by the end of the Lent Term. This paper is normally presented as a short seminar during the Lent Term, and counts for 20% of the total marks.

Reading List: Reference lists are issued during

the course, for each main topic. Reading *in depth* on selected main areas of the course is advisable.

Important summary texts as follows: A. S. Goudie, *Environmental Change*, Oxford University Press; D. Q. Bowen, *Quaternary Geology*, Pergamon; J. Gribbin, *Climatic Change*, Cambridge University Press; C. Vita-Finzi, *Recent Earth History*.

Examination Arrangements: One three-hour formal examination in the Summer Term, which counts for 80% of the assessment. Students have to answer 3 questions from a choice of 10-11.

Gy1998

Independent Geographical Essay

Teacher Responsible: Dr. K. R. Sealy, Room S564, (Secretary, Mrs. A. Naimi, S406)

A short course intended for all second year students in B.A./B.Sc. Geography and for students taking the B.Sc. (Econ.) Environment and Planning, who choose to submit an independent essay as part of their Degree course.

Scope: A series of five meetings in the Summer Term designed to help prepare students for their independent essay. An introduction to research design and research methods in the conduct of geographical investigations.

Topics include:

1. Interests and fields of study; choosing a topic; time and space constraints.
2. Relationship of topic to supportive courses; data and library facilities
3. The presentation of essays and projects; use of tables, maps and diagrams

Syllabus: There is no set syllabus.

Teaching Arrangements: Five lecture/classes to be taken by 2nd year students in the Summer Term.

Examination Arrangements: Essays should not exceed 7500 words, exclusive of appendices and other supportive material. The essay must be submitted to the Departmental Secretary (Mrs. P. Farnsworth) in Room S409 not later than the first day of the Summer Term of the Third Year.

Gy2800

M.Sc. Geography: Concepts & Methods

Teacher Responsible: Mr. J. R. Drewett, Room S408 (Secretary, Mrs. A. Naimi, S406)

Course Intended Primarily for A compulsory course for M.Sc. Geography. Students registered for M.Phil. and Ph.D. are normally expected to attend.

Scope: The course is in two parts. The first, is a lecture course providing an overview of concepts and methods in contemporary geographic thought. The second, is a series of seminars given by members of staff on major research themes and methodological problems in selected areas of the subject.

Syllabus: An introduction to research methodology in Geography. A review of the development of different research paradigms and the influence of different geographical schools of thought. Critical analysis of the growth in the use of scientific method and logical positivism, the development of behavioural phenomenological studies, research into welfare, social and public policies, and the development of materialist, radical and structuralist approaches.

Teaching Arrangements: The course consists of 20 lectures (Gy400) in the Michaelmas Term by six members of staff, and 10 seminars (Gy400) in the Lent Term given by members of staff and chaired by Mr. J. R. Drewett.

During the year each student is expected to write two course essays on specified topics.
Reading List: D. Amedeo & R. G. Gollidge, *An Introduction to Scientific Reasoning in Geography*; H. M. Blalock, *Causal Inferences in Non-Experimental Research*; F. E. Emery (Ed.), *Systems Thinking*; T. S. Kuhn, *The Structure of Scientific Revolution*; K. R. Popper, *The Logic of Scientific Discovery*; S. Toulmin, *The Philosophy of Science*; R. J. Chorley & P. Haggett (Eds.), *Models in Geography*; R. Hartshorne, *Perspective on the Nature of Geography*; L. J. King, *Statistical Analysis in Geography*; S. Gale & G. Olson (Eds.), *Philosophy in Geography*; B. J. L. Berry (Ed.), *The Nature of Change in Geographical Ideas*; J. I. Clarke & P. Pinchemel, *Human Geography in France and Britain*; D. W. Harvey, *Explanation in Geography*; R. J. Johnston, *Geography and Geographers: Anglo-American Human Geography since 1945*; D. Gregory, *Ideology, Science and Human Geography*; D. Gregory, *Social Theory and Spatial Structure*; M. E. Harvey & B. P. Holly, *Themes in Geographic Thought*.

Examination Arrangements: The examination has two components. The first, a 3 hour written examination in the Summer Term is worth 75% of the total marks. Normally candidates would answer two questions from a choice of eight. The second, an extended essay of 5,000 words (maximum) on an agreed topic relating to the course worth 25% of the marks. The essay should contain a bibliography laid out in accordance with the guidelines given to all candidates.

Gy2801

Research Techniques and Design

Teacher Responsible: Dr. C. Board, Room S413 (Secretary, Mrs. P. Farnsworth, S409)

Course Intended Primarily for M.Sc. Geography and for M.Phil. students in their first year of registration.

Scope: This course is intended to place research design and techniques used in geography in the context of prevailing methodologies employed in the subject. It introduces graduate students to sources of information, strategies and tools for pursuing geographical research and critically examines examples of research from the published literature.

Syllabus: Concepts, methods and approaches employed in geographical research. Information collection, presentation and communication and computing in geography. Quantitative methods in geography. Evaluation of geographical research illustrated by (a) published articles (b) the research strategies of second and third year graduate students. Research techniques specifically employed in that part of geography in which the candidate has chosen to specialize, e.g. social geography, environmental management, transport geography, cartographic communication.

Pre-Requisites: Good Honours degree in geography, environmental studies or related subjects.

Teaching Arrangements:

Geographical Research Techniques

(a) **Concepts, Methods and Approaches** (Gy402 and Gy408)

5 × 1 hour plus 5 × 1½ hours Michaelmas Term.

Professor Jones (1 + 1) **Dr. Sealy** (2 + 2), **Dr. Warnes** (KCL), (2+ 2)

(b) **Information Collection, Presentation and Communication** (Gy405); computing 5 × 1

hour plus 5 × 1½ hours Michaelmas Term.

Dr. Board (4 + 4) **Mr. Whitehead** (1 + 1)

(c) **Quantitative Techniques** (Gy404)

20 × 1 hour Michaelmas and Lent Terms.

Dr. Spence and Dr. Frost (KCL)

(also for M.Sc. Urban and Regional Planning)

(Where appropriate students will be advised to attend suitable courses in statistics as alternative to this course. For example,

SM202 Statistical Methods for Social Research. 33 lectures plus 23 classes)

(d) **Computing: Theory and Practice** (Gy403)

5 × 1 hour lectures plus 5 × 1 hour practical class

Lent Term (weeks 1-5)

Mr. Whitehead.

(e) Case studies from published literature

10 × 1 hour classes Lent Term.

Dr. Board

(f) **Outlines of Reports**

Classes as required to enable each candidate

to present an outline of the research objectives

and methodology adopted for his/her report

Lent Term in weeks 6-10

Dr. Board

(g) Research techniques applied to specific

papers for which candidates have opted

i) **Resource Management and Environmental Planning**

5 × 1½ hour classes Lent Term

Dr. Rees

ii) **Cartographic Communication**

5 × 1½ hour classes Lent Term

Dr. Board

Others will be arranged to suit the requirements

of individual students.

All M.Sc. students in geography are expected

to attend the following two seminars which

are not examinable.

Geographical Project Seminar (Gy406)

15 × 1½ hours 2nd half Michaelmas Term

and Lent Term.

Presentations by research students of aspects

of their own research stressing problems of

methodology and/or techniques.

Dr. Board with the students' research

supervisors.

Geographical Research Seminar (Gy407)

19 × 1½ hours Michaelmas and Lent Terms

Presentations by speakers normally from

outside the Department on aspects of their

own research.

Professor Diamond and Mr. Drewett

Written Work: 1. A paper of no more than

3,000 words on a general aspect of research

approaches in geography. Christmas vacation.

2. Course work - examined.

(a) An essay on quantitative techniques. Lent

Term.

(b) A bibliography on an approved topic.

Summer Term.

(c) An essay or exercise. Lent Term.

- not examined

Candidates will be encouraged to write essays;

and expected to write a critique of one

published paper along the lines of questions

asked about set works in the final

examination paper in the Lent Term.

Reading List: J. Madge, *The Tools of Social*

Science, Longman, 1953; J. Ziman, *Public*

Knowledge, an Essay Concerning the Social

Dimension of Science, Cambridge University

Press, 1968; R. Huggett, *Systems Analysis in*

Geography; C. H. Waddington, *The Scientific*

Attitude; C. H. Waddington, *Tools for*

Thought; W. Freeman, *The Writing of*

Geography; A. D. Hodgkiss, *Maps for Books*

and Theses.

Examination Arrangements: One three-hour

unseen written paper taken in mid-June. It is

divided into parts of equal weight: one essay

question from a range of four or five; and

questions on one of a choice of set works,

notice of which is given at least one month

prior to the examination. Clean copies of the

set works are made available to candidates in

the examination hall. This paper is altogether

worth 70% of the total marks, the other 30%

being allocated for course work: bibliography

10%; quantitative methods essay 10%; and

computer essay or exercise 10%.

Gy2820

Social Change and Urban Growth

Teacher Responsible: Dr. S. S.

Duncan, Room S512 (Secretary, Mrs.

A. Naimi, S406)

Course Intended Primarily for M.Sc. in

Geography

Scope: To examine the implications of social

process for urban growth.

Syllabus: The changing balance between urban

and rural populations, its effect on structure

and urban growth.

The constraints of market on urban growth.

The relationship between economic

organisation, class, income and mobility and

residential location.

Squatting as an element in rapid growth, with

special reference to the Third World.

Segregation and its relation to the assimilation

of ethnic and social groups.

Pre-Requisites: Previous training in

geographic, planning, economic or

sociological aspects of cities.

Teaching Arrangements: Discussions (Gy410),

usually of 1½ hours duration, will take place

weekly in the Michaelmas and Lent Terms.

Attention will be focussed on a few of the several topics so that they can be dealt with in depth. Students may be required to attend selected parts of related courses where appropriate.

Reading List: Details will depend on the topics under discussion, but general texts which are useful are: B. J. L. Berry, *The Human Consequences of Urbanisation*; D. J. Dwyer, *The City in the Third World*; G. McGee, *The Urbanisation Process in the Third World*; J. Friedman & R. Wulff, *The Urban Transition*; P. Hall et al. *The Containment of Urban Britain.*

Examination Arrangements: One three-hour paper at the end of the academic year.

Gy2821

Regional Policy & Planning

Teacher Responsible: Professor D. R.

Diamond, Room S405 (Secretary,

Mrs. A. Naimi, S406)

Course Intended Primarily for M.Sc.

Geography: Option Paper

Scope: An examination of the purpose,

methods and impacts of regional and urban

policies with special reference to Europe.

Syllabus: Within the context of regional

growth theory and regional planning theory,

the goals, instruments and achievements of

urban and regional policy will be assessed in a

comparative manner. European experience will

be a particular focus and considerable

attention will be paid to topical issues and the

role of supra-national institutions.

Teaching Arrangements: Fourteen seminars

(Gy411) in Michaelmas and Lent Terms. **Mr.**

Drewett, Dr. Estall, Dr. Hebbert and Dr.

Hamilton will participate when students select

their areas of expertise. Limited competence

in a foreign language may be necessary.

Reading List: Specialised lists for each topic

and area will be provided. The following are

considered important: K. Allen, *Balanced*

National Growth; A. J. Brown & E. M.

Burrows, *Regional Economic Problems*; J.

Friedmann & W. Alonso, *Regional*

Development & Planning; J. Friedman & C.

Weaver, *Territory & Function*; H. Folmer & J.

Oosterhaven, *Spatial Inequalities and Regional*

Development; D. Gillingwater & D. Hart, *The*

Regional Planning Process; D. MacLennan & J.

B. Parr, *Regional Policy*; N. Vanhove & L. H.

Klassen, *Regional Policy: a European*

Approach.

Examination Arrangements: There will be a

three hour formal examination in which three

questions from eight will normally be required

75%, two course work essays (25%).

Gy2822 Resource Management and Environmental Planning

Teacher Responsible: Dr. J. A. Rees, Room S506A (Secretary, Miss Nesta Herbert, S508)

Course Intended Primarily for students taking the M.Sc. (Geography) and M.Sc. in Regional and Urban Planning Studies. Other suitably qualified and interested graduate students may take or audit the course with the permission of the teacher responsible.

Scope: The analysis of the key issues involved in the management of natural resources, through study of resource and environmental planning theory and by the assessment of decision-making and policy formulation in practice.

Syllabus: The course has three major components: (a) General concepts in resource management, including such issues as the nature of resources; scarcity problems, causes and nature of declining environmental quality, and environmental perception. (b) Management of productive resources in the public and private sectors, including investment appraisal and impact analysis, administrative needs and policy formulation. (c) Management for environmental quality; aims and techniques of decision-making, administration, law, political constraints, public participation and the role of pressure groups. These issues will be considered both for advanced and less developed economies.

Pre-Requisites: None. A knowledge of elementary economic theory would be an advantage but not essential.

Teaching Arrangements: Michaelmas Term: 20 lectures (Gy311) Lent Term: 10 Seminars/Classes (Gy412) (1½ hour duration). M.Sc. Geography students will also be required to take 5 classes in **Techniques in Resource Management**.

Reading List: No single book or even a small group of books cover the material adequately. Reading lists are provided for each distinct part of the syllabus and for each seminar topic. Basic reading material includes: T. O'Riordan, *Environmentalism*; T. O'Riordan & R. K. Turner, *An Annotated Reader in Environmental Planning and Management*; F. Sandbach, *Environment, Ideology and Policy*; O'Riordan et al., *Progress in Resource Management and Environmental Planning*, Vols. 1, 2 and 3; R. H. Haveman & A. V. Kneese, *The Economics of Environmental Policy*; R. Levitt, *Implementing Public Policy*; J. A. Butlin, *Economics and Resources Policy*;

V. K. Smith (Ed.), *Scarcity and Growth Reconsidered*; J. E. Tilton, *The Future of Non-Fuel Minerals*; C. W. Howe, *Natural Resource Economics, Issues Analysis and Policy*; P. Dasgupta, *The Control of Resources*.
Examination Arrangements: There is a three-hour formal examination paper.

Gy2823 Spatial Aspects of Change in Economic Activity

Teacher Responsible: Dr. J. E. Martin, Room S510 (Secretary, Miss N. Herbert, S508)

Course Intended Primarily for M.Sc. in Geography.

Scope: To examine spatial aspects of change in economic activity with special reference to manufacturing industry.

Syllabus: Spatial change at the scale of the enterprise: decision making on plant transfer and investment; research problems in empirical study of location and relocation. Change at the city scale; metropolitan economic advantage; linkage and migration. Forces in evolving regional advantage; processes of locational shift.

Pre-Requisites: Economics and geography at First Degree level.

Teaching Arrangements: 16 Seminars (Gy413) usually of 1½ hours duration, weekly in the Michaelmas and Lent Terms.

Reading List: R. D. Dean, W. H. Leahy & D. L. McKee (Eds.), *Spatial Economic Theory*; F. E. I. Hamilton (Ed.), *Spatial Perspectives on Industrial Organisation & Decision Making*; L. Collins & D. F. Walker (Eds.), *Locational Dynamics of Manufacturing Activity*; H. D. Watts, *The Large Industrial Enterprise*; R. Oakey, *High Technology Industry & Industrial Location*; R. Leigh, D. North et al., *Monitoring Manufacturing Employment Change in London, 1976-1981*; B. & J. Klebaner (Eds.), *New York City's Changing Economic Base*.

Examination Arrangements: One three-hour paper at the end of the academic year.

Gy2824 Geography of Transport Planning

Teacher Responsible: Dr. K. R. Sealy, Room S564 (Secretary, Mrs. A. Naimi, S406)

Course Intended To be an optional course for the M.Sc. in Geography, but other M.Sc. students wishing to take a transport option may be included at the discretion of the student's advisor and Dr. Sealy.

Scope: Students with little or no knowledge of transport take the basic Courses Ec149 and, if appropriate, Gy313 and Ec150. The remaining 15/20 meetings of this course are aimed at covering the specialist requirements of individual students. Thus, e.g. air transport students would study airline and airport problems at a depth beyond that reached in the basic courses, and would include, if possible, practical experience on current survey projects.

Syllabus: Basic training – see Ec149, Ec150 and Gy313. Beyond the basic requirements, there is no set syllabus, content depends upon students' interests. Contact is in the form of seminars and written work on specific topics.

Pre-Requisites: Economics and geography at First Degree level. No specialist knowledge in transport is required.

Teaching Arrangements: Basic courses in the form of lectures and classes (EH131; Gy313-a). Weekly seminars (Gy414) individual written work and practical exercises where appropriate.

Reading List: No set reading apart from that associated with the basic courses.

Examination Arrangements: For students taking the M.Sc. this is a written three-hour examination. A student may also take a transport topic for his dissertation in the M.Sc. (Geography).

Gy2825 Cartographic Communication

Teacher Responsible: Dr. C. Board, Room S413 (Secretary Mrs. P. Farnsworth, S409)

Course Intended Primarily for M.Sc. Geography and M.Phil./Ph.D. students. (M.Sc. Geography 3(f) a subject of comparable range)

Scope: The course embraces both the theoretical and abstract aspects of communicating geographical information through the medium of maps.

Syllabus: The process of communicating

geographical information by means of maps. The map designer's perception of the real world; map design for particular purposes; how information is obtained from maps. Evaluating the quantity and quality of information derived from maps. Assessing performance in map use.

Pre-Requisites: Candidates whose first degree courses did not include the treatment of analytic map design in relation to map use will be required to attend **Map Design and Evaluation** (Gy1950).

Teaching Arrangements: 15 fortnightly seminars (Gy415) 1½ hours Sessional. Topics for discussion include recently published papers; outlines of research projects; reports on research given by visiting experts; critical reviews of prototypes, proof copies and newly published maps and atlases. Visits to map producing agencies are usually arranged during the course.

Written Work: Each member is expected to write at least one paper a year on a topic covered by the syllabus. Those following Gy1950 above will naturally complete the course work for that course. M.Sc. candidates opting to follow this course for paper 3 will be given regular essays by the teacher responsible, who will provide further reading.

Reading List: J. S. Keates, *Understanding Maps*, Longman; A. H. Robinson, *The Look of Maps*, Wisconsin; A. H. Robinson & B. Petchenik, *The Nature of Maps*, Chicago; L. Guelke (Ed.), *Maps in Modern Geography*, Toronto; Dr. F. Taylor (Ed.), *Graphic Communication and Design in Contemporary Cartography*, Wiley.

Examination Arrangements: For M.Sc. candidates only, one essay type paper with three from a choice of seven or eight unseen questions. These may include questions on specific maps which will be made available for the examination in question.

Two coursework projects. One a justified outline of a design for a map with a specified purpose; the second, a discussion of appropriate ways of evaluating a published map.

Gy2860

**Geographical Aspects of
Regional and Urban Planning**
Teacher Responsible: Professor D. R.
Diamond, Room S420 (Secretary,
Mrs. A. Naimi, S406)

Course Intended Primarily for M.Sc. Regional
& Urban Planning Studies

Scope: The contribution of geographical
analysis to issues in urban and regional
planning.

Syllabus: The application of locational and
spatial concepts to problems of urban and
regional planning; urban land use location
theory, urban and regional spatial structure,
national settlement systems and public policy
impact assessment.

Teaching Arrangements: 10 lectures in
Michaelmas Term by Professor Diamond and
Mr. Drewett under title of 'Comparative
Studies in Spatial Policy' together with 14
seminars by Professor Diamond and Dr.
Spence under the title of 'Spatial Theory in
Regional and Urban Planning' (Gy451).
Students will also be expected to attend the
majority of the meetings of the Geographical
Research Seminar (Gy407), and they may also
be directed to relevant portions of other
selected courses, including Spatial Policy

Evaluation Models (Michaelmas Term) and
Urban and Regional Planning Models (Lent
Term).

Methods (Lent Term).

Reading List: Extensive reading lists are
circulated for each of the main topics. The
following are considered an essential basis:
B. J. L. Berry, *The Human Consequences of
Urbanisation*; B. J. L. Berry & F. E. Horton,
Geographic Perspectives on Urban Systems; L.
S. Bourne, *Urban Systems: Strategies for
Regulation*; L. S. Bourne, *Internal Structure of
the City*; L. S. Bourne & J. W. Symmons,
Systems of Cities; F. S. Chapin & E. J.
Kaiser, *Urban Land Use Planning*; D. V.
Donnison & P. Soto, *The Good City*; A. J.
Fielding, *Counterurbanisation in W. Europe*; J.
Friedmann & W. Alonso, *Regional
Development & Planning*; J. Friedmann & C.
Weaver, *Territory & Function*; P. Haggett *et
al.* *Location Models*; P. Hall, *Theory &
Practice of Urban & Regional Planning*; N.
Hansen, *Human Settlement Systems*; J. B.
McLoughlin, *Urban & Regional Planning - a
Systems Approach*; M. J. Moseley, *Growth
Centres in Spatial Planning*; A. Pred, *City
Systems in Advanced Economies*; F. J. B.
Stillwell, *Economic Crisis, Cities & Regions*.
Examination Arrangements: There is a three
hour formal examination in June based on the
entire syllabus. Normally candidates will
answer three questions from a choice of eight.
Copies of previous years' papers are available

Government Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
Gv100	An Introduction to Political Thought: the Greeks Dr. J. B. Morrall	20/ML	Gv3000
Gv101	The Language of Politics Mr. K. Minogue	25/MLS	Gv3001
Gv102	Political Thought Mr. K. Minogue	30/ML	Gv3120
Gv104	Three Key Mediaeval Political Thinkers Dr. J. B. Morrall	10/L	Gv3120
Gv105	Political Thought (A Selected Text)	20/ML	Gv3130- 3138
Gv106	French Political Thought Professor M. W. Cranston	10/L	Gv106
Gv107	Political Philosophy Mr. J. C. R. Charvet	20/ML	Gv3121
Gv109	Modern Political Thought Mr. E. Thorp	20/ML	Gv3122
Gv110	The Political Thought of Hegel and Marx Professor E. Kedourie	15/ML	Gv110
Gv149	Modern Politics and Government Class (for Trade Union Studies Course) Dr. P. Dunleavy	25/MLS	Gv3010
Gv150	Modern Politics and Government with special reference to Britain Dr. R. Barker, Professor G. W. Jones and Dr. P. Dunleavy	25/MLS	Gv3010
Gv151	History of British Politics from the 17th to the 20th Century Mrs. A. Bennett	25/MLS	Gv3020
Gv152	History of British Politics in the 20th Century Mr. A. J. Beattie and Mr. A. J. L. Barnes	26/ML	Gv3021; Gv4027
Gv154	Administrative Organisation and Behaviour — Seminar Professor W. Plowden	5/L	Gv3035; Gv4160
Gv156	British Government and Bureaucracy Professor G. W. Jones	10/M	Gv3035; Gv4160
Gv157	Aspects of Comparative Local Government Professor G. W. Jones	10/M	Gv4162
Gv158	Aspects of Comparative Local Government — Seminar Professor G. W. Jones and Dr. P. Dunleavy	10/L	Gv4162
Gv159	Urban Politics Dr. P. Dunleavy	10/M	Gv4161; Gv4164; Gv4162

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Gv161	Comparative Political Institutions: Theories in Comparative Politics Professor W. Letwin, Dr. G. R. Smith, Professor J. T. S. Madeley and Dr. G. D. E. Philip	20/ML	Gv3045
Gv163	The Politics and Government of France Dr. H. Machin	22/MLS	Gv3050
Gv164	The Politics and Government of the U.S.A. Professor W. Letwin	20/ML	Gv3053
Gv165	The Politics and Government of Russia Mr. P. B. Reddaway and Dr. D. C. B. Lieven	30/ML	Gv3052; Gv4051; Gv4052; Gv4053; Gv4054; Gv4050
Gv167	The Politics and Government of Germany Dr. G. R. Smith	22/MLS	Gv3051; Gv4100
Gv168	The Politics and Government of Scandinavia Mr. J. T. S. Madeley	22/MLS	Gv3056; Gv4110
Gv169	Communism and Nationalism in Eastern Europe since 1944 Mr. G. Schöpflin	23/MLS	Gv3055; Gv4060
Gv170	An Introduction to Latin American Politics Dr. G. D. E. Philip	15/ML	Gv3057; Gv4140
Gv171	Public Policy: Political and Economic Aspects Professor W. Letwin	20/ML	Gv3036
Gv172	Political Ideas in the United Kingdom Dr. R. S. Barker	25/ML	Gv3026
Gv173	Political Behaviour with special reference to the United Kingdom Dr. T. J. Nossiter	20/ML	Gv3027; Gv4041
Gv174	Cabinet Government and the National Policy Process Mr. A. J. L. Barnes and Mrs. A. Bennett	20/ML	Gv3028
Gv175	British Constitutional Ideas since the 1880s Mr. A. J. Beattie	25/MLS	Gv3029
Gv200	History of Political Thought — Seminar Professor E. Kedourie, Mr. K. Minogue Dr. R. R. Orr and Mr. E. Thorp	30/MLS	Gv4000; Gv4001
Gv201	Political Philosophy — Seminar Professor M. W. Cranston, Mr. J. C. R. Charvet, Dr. R. R. Orr and Dr. F. Rosen	15/MLS	Gv201
Gv203	Greek Political Philosophy: the Concept of Justice — Seminar Dr. F. Rosen	30/MLS	Gv4005

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Gv204	Modern Political Philosophy: Freedom and Equality — Seminar Mr. J. C. R. Charvet	15/MLS	Gv4006
Gv206	Politics and Government of the U.K. — Seminars Mr. A. J. Beattie, Dr. R. S. Barker and Mr. A. J. L. Barnes	17/ML	Gv4025; Gv4028 Gv4026; Gv4027
Gv209	Comparative Government Seminar (not available 1984-85) Mr. L. A. Wolf-Phillips	20/ML	Gv4065
Gv210	Political Sociology — Seminars Dr. T. J. Nossiter, Mr. J. T. S. Madeley, Dr. M. Lodhi and others	56/MLS	Gv4040; Gv4041; Gv4042
Gv211	Public Policy and Planning Dr. P. Dunleavy	10/M	Gv4161; Gv4164
Gv212	Theories of the State and Policy Making Dr. P. Dunleavy and Mr. B. O'Leary	6/L	Gv4161; Gv4164
Gv213	Public Policy Formulation — Seminar Dr. P. Dunleavy	10/M	Gv4161
Gv214	Policy Analysis Seminar Dr. P. Dunleavy	12/LS	Gv4161
Gv215	Data Analysis for Political Science and Public Policy — Seminar Dr. P. Dunleavy	12/LS	Gv4161
Gv216	Administrative Theories Mr. B. O'Leary	10/L	Gv3035; Gv4160
Gv217	Urban and Regional Planning: Politics and Administration Dr. M. Hebbert	10/L	Gv4162; Gv4164
Gv218	Urban and Regional Planning: Politics and Administration — Seminar Dr. P. Dunleavy and Dr. M. Hebbert	20/ML	Gv4164
Gv220	Public Enterprise Professor Garner	10/ML	Gv4163
Gv221	Problems of Public Enterprise — Seminar Professor Garner	10/L	Gv4163
Gv222	Public Administration — Seminar Professor G. W. Jones and Mr. B. O'Leary	20/ML	Gv4160
Gv224	The British Civil Service — Seminar Professor G. W. Jones and Mr. P. F. Dawson	10/L	Gv4160; Gv3035
Gv225	French Government Seminar Dr. H. Machin	22/MLS	Gv4090
Gv226	West-European Studies — Interdepartmental Seminar Dr. G. R. Smith, Dr. H. Machin, Mr. J. T. S. Madeley, Dr. A. Sked and Dr. P. G. Taylor	22/MLS	Gv4071

Lecture/
Seminar
Number

Lecture/ Seminar Number			Study Guide Number
Gv227	Soviet and East European Problems — Seminar Mr. G. Schöpflin, Mr. P. B. Reddaway and others	24/MLS	Gv4051- Gv4054; Gv4060
Gv228	Russian Politics and Political Thought — Seminar Dr. D. C. B. Lieven and Mr. P. B. Reddaway	30/MLS	Gv4051- Gv4054
Gv229	Politics and Government of the Middle East Professor E. Kedourie	10/L	Gv229
Gv230	Government and Administration in New and Emergent States Mr. P. F. Dawson	10/L	Gv4122
Gv231	Government and Administration in New and Emergent States — Seminar Mr. P. F. Dawson	6/S	Gv4122
Gv232	Government Regulation of the American Economy — Seminar (not available 1984-85) Professor W. Letwin	15/LS	Gv4130
Gv233	Comparative Constitutions — Seminar (not available 1984-85) Mr. L. A. Wolf-Phillips	10/L	Gv233
Gv234	European Multi-Party Systems — Seminar Dr. G. R. Smith	22/MLS	Gv4091
Gv235	The Politics and Government of Germany — Seminar Dr. G. R. Smith	25/MLS	Gv4100
Gv237	The Politics and Government of Western Europe — Seminar Dr. G. R. Smith, Dr. H. Machin and Mr. J. T. S. Madeley	23/MLS	Gv4071
Gv238	Latin American Studies Seminar: Latin American Politics Dr. G. D. E. Philip	15/ML	Gv4140
Gv239	Development in Latin America — Seminar Dr. G. D. E. Philip	20/ML	Gv4140
Gv240	Public Policy in Latin America — Seminar Dr. G. D. E. Philip	10/L	Gv4161
Gv241	The Politics and Government of Italy Dr. D. Hine	4/M 22/MLS	Gv4071; Gv4165
Gv242	Public Policy in Italy and France Dr. H. Machin		Gv4165
Gv245	Administrative Theory and Practice Professor J. Bourn	5/L	Gv3035; Gv4160
Gv246	Communism in India Dr. T. J. Nossiter	10/L	Gv246

GOVERNMENT

Three Key Medieval Political Thinkers

Teacher Responsible: Dr. J. B. Morrall, Room K205 (Secretary, K105)

Course Intended Primarily for 2nd or 3rd year B.Sc. (Econ.) Part II students.

Syllabus: A study of St. Augustine of Hippo, St. Thomas Aquinas and Marsiglio of Padua as illustrations of the development of political thinking in the Middle Ages.

Teaching Arrangements: Ten lectures in Lent Term (weekly).

Reading List: R. H. Barrow, *Introduction to Book XIX of St Augustine's City of God*; A. P. d'Entrèves, *Aquinas: Selected Political Writings*; A. Gewirth, *Marsilius of Padua*, Vols. I and II; H. A. Deane, *The Political and Social Ideas of St. Augustine*; P. Brown, "St. Augustine" in his *Religion and Society in the Age of St. Augustine*; N. A. Baynes, "The Political Ideas of St. Augustine's *De Civitate Dei*" in his *Byzantine Essays*; T. Gilby, *Principality and Polity: Aquinas and the Rise of State Theory in the West*; A. P. d'Entrèves, *The Medieval Contribution to Political Thought*; J. B. Morrall, *Political Thought in Medieval Times*.

The background of medieval intellectual history and culture may be studied in J. B. Morrall, *The Medieval Imprint*, and W. B. Cook & R. B. Herzman, *The Medieval World View*.

Examination Arrangements: Questions to which the course is relevant will be included in the medieval section of the general paper on Political Thought.

Gv106

French Political Thought (This course will not be taught in 1984-85)

Teacher Responsible: Professor M. W. Cranston, Room L104 (Secretary, Mrs. P. da Gama Pinto, L103)

Course Intended Primarily for B.Sc. (Econ.) Part II and all interested graduate and undergraduate students.

Syllabus: Aspects of French political thought from the late Renaissance to the contemporary world.

Teaching Arrangements: Ten Lectures (Gv106), Lent Term.

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Reading List: J. W. Allen, *Political Thought in the Sixteenth Century* (1951); F. J. C. Hearnshaw, *Social and Political Ideas of the Renaissance and Reformation* (1925); K. Martin, *French Liberal Thought in the Eighteenth Century* (1958); C. Frankel, *The Faith of Reason* (1948); E. Cassirer, *The Philosophy of the Enlightenment* (1951); J. Droz, *Histoire des doctrines politiques en France* (1948); M. Leroy, *Histoires des idées sociales en France* (1947-1954); J.-J. Chevallier, *Les grandes oeuvres politiques* (1949); J. P. Mayer, *Political Thought in France* (1961); R. Soltau, *French Liberal Thought in the Nineteenth Century* (1931); J. Touchard, *Histoire des idées politiques* (1962).
Examination Arrangements: None.

Gv110

The Political Thought of Hegel and Marx

Teacher Responsible: Professor E. Kedourie, Room A150 (Secretary, K105)

Course Intended Primarily for undergraduate and graduate students.

Syllabus: The main lines of Hegel's political thought; the Hegelian tradition and its transformations. The political thought of Marx.

Teaching Arrangements: Ten lectures (Gv110), Michaelmas Term and five in the Lent Term.
Examination Arrangements: None.

Gv201

Political Philosophy (Seminar)

Teacher Responsible: Mr. John Charvet, Room K207 (Secretary, Mrs. P. Da Gama Pinto, L103)

Course Intended Primarily for graduate students.

Syllabus: There is no set syllabus, but papers will be arranged on topics within the field of Political Philosophy.

Examination Arrangements: None.

Gv215

Data Analysis for Political Science and Public Policy (Seminar)

Teacher Responsible: Dr. Patrick Dunleavy, Room L302 (Secretary, Miss Ann Boucher, K108)

Course Intended Primarily for Research students; Optional for M.Sc. students.

Syllabus: The application of methods for analysing quantitative data in political science and policy studies. Using mainly exploratory

statistics and facilities available on the SCSS package, this course is intended for beginners wishing to develop their own empirical studies. Prior completion of the introductory reading below or familiarity with basic statistics is useful however.

Teaching Arrangements: Twelve seminars (Gv215), Lent and Summer Terms. Teaching is conducted in a workshop form with a short introduction and talk each week, followed by practical work under supervision at the terminals. Each session teaches a new set of skills with cumulative effects, so that regular attendance is important.

Introductory Reading: D. Rowntree, *Statistics Without Tears*.

Basic Texts: B. Erickson & T. Nosanchuk, *Understanding Data*; SCSS, *Short Guide*.

Examination Arrangements: None.

West European Studies

Seminar Co-ordinator: Dr. H.

Machin, Room K301 (Secretary, Mrs. E. Gregory, L208).

Other staff participants: J. T. S. Madeley, A. Sked, G. R. Smith, P. Taylor.

Course Intended Primarily for all graduates and staff interested in contemporary problems of West European politics, history, economic policy, social structures and international relations.

Scope: This seminar aims to provide a survey of the results of recent research (usually unpublished) on contemporary problems and policies in Western Europe. Particular attention is given both to current developments within individual states (and especially in those states which are relatively neglected in publications in English) and to relations between the member states of the European Community. Leading scholars from British and other West European Universities participate in this series.

Syllabus: A detailed syllabus is fixed at the start of each term. It varies according to the changing interest in specific topics and the availability of speakers.

Teaching Arrangements: Twenty two seminars. (Michaelmas, Lent and Summer Terms).

Reading List: M. Dogan & R. Rose (Eds.), *European Politics: A Reader* (1971); J. Hayward (Ed.), *Trade Unions and Politics in Western Europe* (*West European Politics*, vol. 3, no. 1, 1980); H. Machin (Ed.), *National Communism in Western Europe* (1983); D. Marsh (Ed.), *Capital and Politics in Western*

Europe (*West European Politics*, vol. 6, no. 2, 1983); C. Offe, *Contradictions of the Welfare State* (1984); G. Smith, *Politics in Western Europe* (1984).

Examination Arrangements: There is no examination for this course.

Gv229

Politics and Government in the Middle East

(This course will not be given in 1984-85)

Teacher Responsible: Professor E. Kedourie, Room A150 (Secretary, K105)

Course Intended Primarily for graduate students and others interested in the subject.

Syllabus: Islamic political thought and traditions of government. The breakdown of the old order. The Ottoman Reform and its outcome: society and government in the Ottoman Empire and Egypt in the nineteenth century. Islamic Reform. Nationalism, Muslims and non-Muslims. The Persian Revolution, 1906 and the Young Turk Revolution, 1908-9. The destruction of the Ottoman Empire. The successor states. Constitutionalism and authoritarianism. Pan-Arabism and Zionism.

Teaching Arrangements: Ten lectures (Gv229), Lent Term.

Reading List: C. C. Adams, *Islam and Modernism in Egypt*; G. Antonius, *The Arab Awakening*; T. W. Arnold, *The Caliphate* (2nd edn., 1965); N. Berkes, *The Development of Secularism in Turkey*; M. H. Bernstein, *The Politics of Israel*; E. G. Browne, *The Persian Revolution*; R. H. Davison, *Reform in the Ottoman Empire 1856-1876*; C. N. E. Eliot, *Turkey in Europe*; D. Farhi, "Seriat as a Political Slogan" (*Middle Eastern Studies*, Vol. 7, No. 3, October 1971); D. Farhi, "Nizami-Cedid—Military Reform in Egypt under Mehmed Ali" (*Asian and African Studies*, Vol. 8, No. 2, 1972); H. W. G. Glidden, "Arab Unity: Ideal and Reality" in J. Kritzeck & B. Winder (Eds.), *The World of Islam*; S. G. Haim, *Arab Nationalism*; A. Hourani, *Arabic Thought in the Liberal Age, 1798-1939*; A. Hertzberg, *The Zionist Idea*; J. C. Hurewitz, *The Struggle for Palestine*; K. Karpat, *Turkey's Politics*; N. R. Keddie, *An Islamic Response to Imperialism: Roots of Revolution*; E. Kedourie, *England and the Middle East*; *The Chatham House Version: Afghani and Abduh*; *Arabic Political Memoirs*; *In the Anglo-Arab Labyrinth*; *Islam in the Modern World*; A. K.

S. Lambton, *Islamic Society in Persia*; W. Z. Laqueur (Ed.), *The Middle East in Transition*; B. Lewis, *The Emergence of Modern Turkey*; A. H. Lybyer, *The Government of the Ottoman Empire in the time of Suleiman the Magnificent*; R. Montagne, "The Modern State' in Africa and Asia" (*The Cambridge Journal*, 1952); E. E. Ramsaur, *The Young Turks*; P. Rondot, *Les Institutions Politiques du Liban*; E. I. J. Rosenthal, *Political Thought in Medieval Islam*; Kamal Salibi, *The Modern History of Lebanon*; D. de Santillana, "Law and Society" in *The Legacy of Islam* (1st edn.); S. Shaw, "The Origins of Ottoman Military Reform" (*Journal of Modern History*, Vol. 37, 1965); S. Shaw & E. K. Shaw, *The Ottoman Empire and Turkey, Vol. II, 1808-1975*; P. J. Vatikiotis, *The Modern History of Egypt*; G. E. Von Grunebaum, *Islam* (2nd edn., 1961); *Modern Islam*; D. Warriner, *Land and Poverty in the Middle East*; J. Weulersse, *Paysans de Syrie et du Proche-Orient* (Bk. 1, chap. 2); V. R. Swenson, "The Military Rising in Istanbul, 1909" (*Journal of Contemporary History*, Vol. 5, No. 4, October 1970).

Examination Arrangements: None.

Gv241

The Politics and Government of Italy

Teacher Responsible: Dr. D. Hine.

Course Intended Primarily for M.Sc. and interested graduate and undergraduate students.

Teaching Arrangements: 4 lectures Gv241, Michaelmas Term.

Examination Arrangements: None.

Gv246

Communism in India

Teacher Responsible: Dr. T. J. Nossiter, Room K308 (Secretary, K105)

Course Intended Primarily for M.Sc. and interested graduate and undergraduate students. No prior knowledge of India is assumed.

Scope: Origins and history of the communist movement in India to the present, paying particular attention to Kerala and West Bengal.

Syllabus: Asiatic mode of production. Origins of communism in India and relation to Freedom Struggle. Reaction to Independence. Peaceful transition, national democracy and people's democracy. Splits in the movement: the CPI (Marxist) and CPI (Marxist-Leninist). Government and opposition in Kerala, West

Bengal and Tripura. The social basis of communist support. Future prospects.

Teaching Arrangements: Ten lectures and ten classes (Gv211) Lent Term.

Introductory Reading List: R. Hardgrave, *Government & Politics in a Developing Nation*; A. Brewer, *Marxist Theories of Imperialism*; P. Brass & M. Franda (Eds.), *Radical Politics in South Asia*; E. M. S. Namboodiripad, *Kerala, Yesterday, Today, and Tomorrow*; B. Chandra (Ed.), *The Indian Left*; M. Franda, *Radical Politics in West Bengal*; S. Bannerjee, *In the Wake of Naxalbari*; T. J. Nossiter, *Communism in Kerala*.

Examination Arrangements: None.

Gv3000

An Introduction to Political Thought: The Greeks

Teacher Responsible: Dr J. B. Morrall, Room K205 (Secretary, K105)

Course Intended Primarily for B.Sc. (Econ.) Part I (May also be taken as a Part II option).

Scope: The objective of the course is to study Greek thought on politics as the first sustained attempt to explain rationally the processes of human government and to examine the degree to which members of the social community can or ought to share in government.

Syllabus: This will concentrate mainly on the topics:

- The nature of the political community and the relation to it of the individual.
 - The relationship between political knowledge and political activity.
 - The nature of government and law.
 - The purpose of political life.
 - Conflicting theories on different types of constitution (monarchy, oligarchy, democracy, mixed constitutions, tyranny, ideal states).
 - The meaning of justice and morality in politics. The principal texts used will be Plato's *Republic* and Aristotle's *Politics*.
- Pre-Requisites:** None except an intelligent interest in questions of political and social theory. A knowledge of Classical Greek is *not* necessary as all original sources will be studied in translation.

Teaching Arrangements:

- Lectures: Gv100 Twenty lectures will be given once a week by Dr Morrall in Michaelmas and Lent Terms (time and place to be announced). Students are expected to attend these lectures.
- Classes: Gv100(a) Students will be

allocated to classes (usually groups of 10-15 students) during the first weeks of Michaelmas Term. These will meet once a fortnight in Michaelmas and Lent Terms. Attendance is compulsory and will be checked at each meeting on the class register. The class teacher is responsible for the class. Usually students present an essay which is read to the class and then discussed. The class teacher directs the programme of work, suggests books, assigns essay topics, and provides a general guidance through the syllabus.

Written Work: The frequency of this for each student depends on the class teacher, who is responsible for marking and grading the essays.

Methods of Work: Important as attendance at lectures and classes is, every serious student will need to supplement it by private reading. For this purpose a comprehensive book list will be issued at the beginning of the course.

Reading List: T. A. Sinclair, *A History of Greek Political Thought*; D. Kagan, *The Greek Dialogue*; E. Barker, *Greek Political Theory: Plato and his Predecessors*; R. Barrow, *Athenian Democracy*; *T. Saunders, *The Politics of Aristotle* (translated and edited), (Penguin Classics); *F. M. Cornford, *The Republic of Plato* (translated and edited), (Oxford University Press, paperback); *R. W. Hall, *Plato*, (Allen and Unwin "Political Thinkers" series); *J. B. Morrall, *Aristotle*, (Allen & Unwin "Political Thinkers" series); *R. G. Mulgan, *Aristotle's Political Theory* (Oxford University Press, paperback). *indicates books which should be bought by the student.

Examination Arrangements: The examination takes place in the Summer Term and consists of one paper divided into three sections. Candidates are required to answer a total of four questions, of which one must be taken from each section. The respective content of the sections is as follows:

I. General questions on Greek political thought, including that of Plato and Aristotle.
II. Specific questions on Plato's *Republic*.
III. Specific questions on Aristotle's *Politics*.
The time allowed for the paper is three hours. Students are advised to look at examination papers for previous years (available in the Library) to familiarise themselves with the style of the paper and the type of questions asked.

Gv3001

The Language of Politics: An Introduction to Political Theory

Teacher Responsible: Mr. Kenneth Minogue, Room A387 (Secretary, Mrs. Ann Kennedy, L301, Ext. 547)
Courses Intended Primarily for B.Sc. (Econ.) Part I and II.

Scope: The course introduces philosophical thinking about politics by way of four classic texts which are taken to illustrate different ways of thinking about the world in general and politics in particular.

Syllabus: The nature of political activity, and the rhetorical, or persuasive, devices by which political reality is constructed. Some central ideas of the European political tradition. The idea of despotism and its later versions, such as totalitarianism. The various types of relation between language and politics.

Practical reasoning and the construction of events. Metaphor and political understanding. The design of political discourse: technical, rhetorical, philosophical and ideological. It is in relation to these four political languages (in an extended sense of the word "language") that the following texts will be considered.

Pre-Requisites: None.

Teaching Arrangements:

(a) Twenty five lectures (Gv101) weekly starting at the beginning of Michaelmas Term. Further material and suggestions for reading will be distributed as the course progresses.

(b) Classes (Gv101a): Ten classes given fortnightly and starting in the sixth week of Michaelmas Term. The organization of classes will be by the class teacher, but both general questions and the particular texts will be discussed.

Written Work: Essays and papers for class presentation.

Methods of Work: The subject requires both a knowledge of the texts, and a capacity for analyzing general ideas. It is to some extent designed to provide a map of the confusing terrain found in the study of politics, an area which may be investigated historically, philosophically, technically, descriptively, mathematically and in a variety of other ways. The ballast of the course consists in acquiring a familiarity with the four texts by Machiavelli, Burke, Hegel and Marx. But the more the student thinks about general issues, the better.

Reading List: There is of course, a very large literature on each of the four texts, and lists of such material will be given out during the course. Much the most important thing is an intelligent reading and *re-reading* of these

four works: Machiavelli, *The Prince*; Edmund Burke, *Reflection on the Revolution in France*; Hegel, *Reason in History: Introduction to Lectures on the Philosophy of World History* (Translation Nesbit); Karl Marx, *Early Texts* (Edited McClellan).

In addition, the student might consider some of the following:

Herbert Butterfield, *The Statecraft of Machiavelli*; Sydney Anglo, *Machiavelli: A Dissection*; Quentin Skinner, *Machiavelli* (Past Masters series); Charles Parkin, *The Moral Basis of Burke's Political Thought*; Peter J. Stanlis, *Edmund Burke and the Natural Law*; Raymond Plant, *Hegel*; John Plamenatz, *Marx and Society*, Volume II; George Armstrong Kelly, *Idealism. Politics and History*; David McLellan, *The Thought of Karl Marx: An Introduction*; Eugene Kamenka, *The Ethical Foundations of Marxism*; Robert Tucker, *Philosophy and Myth in Karl Marx*.

There are no books which cover the general material on politics in the course, but the following raise questions of a similar kind:

J. D. B. Miller, *The Nature of Politics*; Hannah Arendt, *Between Past and Future: The Origins of Totalitarianism*; James Boulton, *The Language of Politics in the Age of Wilkes and Burke*; George Orwell, "Politics and the English Language" and such other essays on language as the appendix to *Nineteen Eighty Four*; Elias Canetti, *Crowds and Power*; Kenneth Hudson, *The Language of Modern Politics*; J. B. Stern, *The Führer and the People*.

Examination Arrangements: The examination takes place in the Summer Term, and consists of one three-hour paper in which the student must answer four questions out of twenty four. The paper has been artfully designed so that a candidate must answer questions on at least two of the texts, preferably three, and four if he should so choose. Students should ponder the format of the papers from previous years, which can be found in the library.

Gv3010

Modern Politics and Government with Special Reference to Britain

Teacher Responsible: Professor G. W. Jones, Room L210 (Secretary, Miss Ann Boucher, K108)

Course Intended Primarily for B.Sc. (Econ.) Parts I and II; B.Sc. c.u.; Trade Union Studies.

Scope: The objective of the course is to provide an introduction to the institutions and

processes of politics and government, to key concepts of politics and government, and to the study of politics and government, mainly through an examination of politics and government in modern Britain.

Syllabus: This subject offers an introduction to the study of politics and government, with its main emphasis on Britain. It entails a general understanding of political concepts (such as 'legitimacy', 'pluralism', 'consensus', 'representation', 'responsibility' and 'rights') and associated political theories, as well as the institutions and processes of government. General subjects covered are the nature of politics and government; the different forms of government in the modern world such as authoritarianism, totalitarianism, and various kinds of democracy; economic and social influences upon the political system; the relations between politics and administration; the possible meanings of public interest; and the relation of democratic theories to the methods of reaching government decisions. The principal part of the course is an examination in detail of Britain as a particular form of constitutional and democratic government, including representative institutions, parties and pressure groups, Parliament, the Cabinet, the operations of central and local government, and political culture and traditions. Modern British government is also intended to provide the principal illustrations for the general subjects covered in the course.

Pre-Requisites and Co-Requisites: Nil. The course is designed to be appropriate both for those who are studying politics and government and British politics and government for the first time and for those who have undertaken study of these subjects at 'A' level.

Teaching Arrangements: Lectures: Gv150. Twenty-five lectures will be given weekly throughout the session. Professor Jones will give the first eight, Dr. Patrick Dunleavy the next five, Dr. Rodney Barker the next ten, while the last two will be revision sessions, when the three lecturers will appear as a panel to whom students can put comments and questions. The lecturers will distribute notes and bibliographies relevant for their lectures. Students are expected to attend these lectures. N.B. Dr. P. Dunleavy Room L302 Dr. R. Barker Room K100

Classes: Gv150(a). Students will be allocated to classes during the first weeks of the session. These will meet weekly throughout the session. Attendance is compulsory. The class teacher is responsible for the class. Usually students present an essay which is then

discussed by the class. The class teacher devises the programme of work, including a booklist, assigns topics to students, and generally guides the class through the syllabus.

Gv149 **Modern Politics and Government** Class, Sessional, for Trade Union Studies only.

Written Work: The Chapman Report on Teaching Arrangements recommends that "a student should normally produce at least one piece of written work for every five classes, or two pieces each term". There may be variations depending on the class teacher, who is responsible for marking and grading the essays.

Methods of Work: The syllabus is very broad. It covers a range of issues. The lectures will not be able to deal with every topic, nor will the classes. They are intended to introduce, to stimulate, and to guide. Students on this course are expected to spend a great deal of time on private reading, thinking and writing. They cannot succeed simply by attending lectures and classes.

Since so many students take this course and since many class teachers are used, students will find that different classes are investigating different topics in different weeks. Students should not be alarmed at the lack of uniformity. There would be undue pressure if over a hundred students were seeking the same books in the same week. Different teachers will emphasize different aspects, but all will be working to the common syllabus. The final examination paper will reflect the diversity of the teaching.

Reading: Students receive reading lists from the lecturers and class teachers, who guide them about what are the most introductory, general, essential and relevant books to particular topics or issues. Students should not be worried at the length of such lists. Often many titles are suggested because teachers know that students may be unable to find books on a short list, given the great demand for particular works. So alternatives are listed.

Reading List: R. Rose, *Politics in England Today*; S. H. Beer, *Modern British Politics*; C. Leys, *Politics in Britain*; H. Drucker *et al.*, *Developments in British Politics*; P. Norton, *The Constitution in Flux*; S. H. Beer, *Britain Against Itself*; I. McLean, *Dealing in Votes*; G. Poggi, *The Development of the Modern State*; S. E. Finer, *Comparative Government*; B. Crick, *In Defence of Politics*; C. Pateman, *Participation and Democratic Theory*; P. Singer, *Democracy and Disobedience*; R. A. Dahl, *Dilemmas of Pluralist Democracy*; S. Lukes, *Power: A Radical View*; C. Lindblom, *Politics and Markets*.

Lectures in Other Departments: If students can spare the time, they may find it helpful to attend the lecture series in the Law Department, LL100 **Public Law. Elements of Government**, which looks at many of the topics covered by our course, but through the eyes of lawyers. They often have as lecturers outside academics and other experts in the practice of government and politics. Students may also find it useful to attend lectures on related subjects: class teachers and tutors can give advice.

Examination Arrangements: The examination takes place in the Summer Term, and consists of a single formal and unseen examination paper of around sixteen questions, of which students are expected to answer four with brief essays in three hours. Students are advised to look at old examination papers (available in the Library) to familiarise themselves with the style of the examination paper and the nature of the questions.

Gv3020

History of British Politics from the Seventeenth to the Twentieth Century

Teacher Responsible: Anthea Bennett, Room K101 (Secretary, Mrs. Eileen Gregory, L208)

Course Intended Primarily for B.Sc. (Econ.) Part II. Please note this is a two year course.

Scope: The objective of the course is to provide an introduction to, primarily, the political history of the period 1660 (the Restoration of Charles II) to 1922 – the fall of Lloyd George's Liberal Government, following quite closely upon the ending of the First World War (1914-1918). The course is intended to provide a historical study of the political and institutional arrangements prevailing at any given period between 1660 and 1922, of the ideas and events associated with them and of the process by which they change and develop.

Syllabus: The course cannot cover, in depth, all sections of so wide-ranging a period. But, as it is not possible to go into detail over the whole period, this section of 'the Syllabus' will indicate the major themes only. These major themes include the attempt to work the restoration compromise; the working out of the Revolution of 1688; the growth of political stability; the impact of major wars and of foreign revolution on the constitution; the changing roles of Monarchy, Cabinet and Parliament in the period and for the interaction between them. The development of the two-party system; political reform and the emergence of a political structure which welds

together strong government and representative democracy; and the stresses affecting this system at the end of the period covered.

Pre-Requisites: Nil. The course is designed to be appropriate both for those who are studying politics and government at Part II level – for the first time and for those who have taken a history option either at 'A' level; or at the level of Part I of the B.Sc. (Econ.)

Teaching Arrangements: Lectures (Gv151): Twenty-five lectures will be given weekly throughout the session. All the lectures will be given by **Anthea Bennett**. A Bibliography covering the whole period, in detail, will be distributed at the beginning of the session; together with a more detailed syllabus than it is possible to provide here.

Classes (Gv151a): There is normally a class in which all the students studying this course participate. If numbers are such as to suggest that smaller groups are necessary; then the group will be subdivided to bring about smaller numbers. The class(es) will begin work in the fifth/sixth week of the Michaelmas Term. They will meet every two weeks in the rest of the Michaelmas Term; in the Lent Term; and in the first half of the Summer Term. There will be ten such classes altogether. Attendance at these classes is compulsory. The class teacher (in this case **Anthea Bennett**) is responsible for the classes. Usually students write, in turn, a paper on one of the topics suggested in a list of Topics. This list will be distributed at the first class. Also, there will be provided a moderately comprehensive Bibliography, covering the whole period in fair detail.

Written Work: The Chapman Report on Teaching Arrangements recommends that "a student should normally produce at least one piece of written work for every five classes, or two pieces each term." Given that the ten two-weekly classes associated with this course do not start immediately, with the lectures, the bulk of written work in the first year of the course will fall on the students during the Lent Term.

Methods of Work: The syllabus is very broad in outline and scope; although detailed and exacting in specific areas, chosen by the student, for detailed study. Given the wide sweep of the Syllabus, the student necessarily finds him/herself specializing where special interest directs attention. Neither the lectures nor the classes will be able to deal with every topic. The lectures are intended to introduce, to stimulate, and to guide. Students on this course are expected to spend a great deal of time on private reading, thinking and writing. They cannot succeed simply by attending lectures and classes. This studying will be

crucial in so far as examination results in this course are concerned; notably, to the amount of private reading, for, there has, over the years, been a close correlation between the amount of reading, writing and thinking done in the second year of this course, and the level achieved in the Part II Examination.

Indeed, while all the formal teaching is done in the first year of this two-year (Part II) option, students are expected to continue their studies by writing regular essays, in the second year of the course. All essays will be marked and graded by **Anthea Bennett**. They will also be discussed, by **Anthea Bennett**, with individual students in the second year of the course. The final examination paper will reflect the diversity of the teaching and studying.

Reading List: A detailed Reading List is given to students at the beginning of the course. This list will include background reading; text-book reading and will list what are the most general, essential and relevant works. This list is far too long, too detailed and too specialized to be reproduced here. The following list of books constitutes *recommended introductory reading*.

Christopher Hill, *The Century of Revolution 1603-1714*; Geoffrey Holmes (Ed.), *Britain After the Glorious Revolution 1689-1714*; J. H. Plumb, *The Growth of Political Stability in England 1675-1725*; M. A. Thomson, *Constitutional History of England 1642-1801*; E. N. Williams, *The Eighteenth Century Constitution*; J. R. Jones, *Country and Court - England 1658-1714*; W. A. Speck, *Stability and Strife, England 1714-1760*; H. J. Hanham, *The Nineteenth Century Constitution*; Alan Beattie, *English Party Politics, Vol. 1660-1906*; A. Briggs, *The Age of Improvement, 1783-1867*; N. Gash, *Politics in the Age of Peel; Aristocracy and People, Britain 1815-1865*; M. Brock, *The Great Reform Act*; D. Jones, *Chartism and the Chartists*; J. B. Mackintosh, *The British Cabinet* (3rd edn.); T. J. Nossiter, *Influence, Opinion and Political Idioms in Reformed England*; Ross McKibbin, *The Evolution of the Labour Party*.

Examination Arrangements: The examination takes place in the Summer Term, at the end of two years study of the subject, and consists of a single formal and unseen examination paper of around sixteen/seventeen questions, of which students are expected to answer 4 questions, with brief essays, in 3 hours. Students are advised to look at old examination papers (available in the Library) to familiarize themselves with the style of the examination paper and the nature and pattern of the questions.

Gv3021

The History of British Politics in the 20th Century

Teacher Responsible: Mr. A. J. Beattie, Room L102 (Secretary, Mrs. P. da G. Pinto, L103)

Course Intended Primarily for B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. & Comparative Politics.

Scope: The aim of the course is to enable students to gain a detailed, historical understanding of British political activity.

Syllabus: A historical study of political events, issues and institutions in the present century, and the ideas associated with them. Detailed coverage of the period as a whole will be accompanied by an emphasis on those issues and events of central concern to students of political activity such as the House of Lords crisis in 1910-11, the fall of the Lloyd George coalition, the 1931 political crisis, the origins of the Munich agreement, the significance of the 1945 General Election, domestic politics in war time, etc.

Pre-Requisites: None.

Teaching Arrangements: 26 lectures (Gv152), 15 classes (Gv152a). Classes will be taught by Mr. Beattie and Mr. A. J. L. Barnes (Room K309).

Written Work: Students will be expected to present 2 essays each term to their class teacher.

Reading List: A. F. Havighurst, *Britain in Transition*; W. N. Medlicott, *Contemporary England, 1914-64*; R. T. Shannon, *The Crisis of Imperialism*; C. J. Bartlett, *A History of Postwar Britain*; D. E. Butler & A. Sloman, *British Political Facts, 1900-1979*; C. L. Mowat, *Britain Between the Wars*.

Supplementary Reading List: R. Bassett, *The Essentials of Parliamentary Democracy*; K. O. Morgan, *Consensus and Disunity*; R. McKibbin, *The Evolution of the Labour Party*; A. Sykes, *The Tariff Question in British Politics*; M. Cowling, *The Impact of Labour: The Impact of Hitler*; R. Bassett, *1931*; K. Middlemas & J. Barnes, *Baldwin*; P. Addison, *The Road to 1945*.

N.B. A comprehensive annotated bibliography will be issued at the beginning of the course.

Examination Arrangements: A three-hour formal examination in the Summer Term. The paper will have approximately 18 questions, students must attempt 4.

Gv3026

Political Ideas in the United Kingdom

Teacher Responsible: Dr. R. Barker, Room K201 (Secretary, K105)

Course Intended Primarily for B.Sc. (Econ.)

Special Subjects:

IX Government

XV International History

XVIII Government and History

XXIII Social Policy

Scope: The aim of the course is to familiarise students with the principal political arguments that have occurred in the United Kingdom over the last hundred years.

Syllabus: Politics, political ideas, and political argument; argument over the rise of the modern state in the United Kingdom - liberalism, socialism, conservatism. The nature of politics and the character of the political community.

Teaching Arrangements: 25 one hour lectures (Gv172), Sessional. Classes (Gv172a).

Written Work: Students will write two essays in the Michaelmas Term, two in the Lent Term, and one in Summer Term.

Reading List: Rodney Barker, *Political Ideas in Modern Britain*; Raymond Williams, *Culture and Society*; L. T. Hobhouse, *Liberalism*; G. B. Shaw (Ed.), *Fabian Essays in Socialism*; Herbert Spencer, *The Man Versus The State*; Lord Hugh Cecil, *Conservatism*; Peter Kropotkin, *Fields, Factories, and Workshops*; E. P. Thompson, *William Morris: from Romantic to Revolutionary* (2nd edn., 1977); Hilaire Belloc, *The Servile State*; R. H. Tawney, *The Acquisitive Society*; George Orwell, *The Lion and the Unicorn*; Anne Oakley, *Subject Women*; C. A. R. Crosland, *The Future of Socialism*; R. M. Titmuss, *The Gift Relationship*; Michael Oakeshott, *Rationalism in Politics*; F. A. Hayek, *The Constitution of Liberty*; E. P. Thompson, *The Poverty of Theory*.

(A full reading list and seminar programme will be issued at the beginning of the course.)

Examination Arrangements: A three-hour unseen written examination.

Political Behaviour With Special Reference to the United Kingdom

Teacher Responsible: Dr. T. J. Nossiter, Room K308 (Secretary, K105)

Course Intended Primarily for B.Sc. Econ.

(Government). It is also suitable as an outside option for B.Sc. Econ. generally. Some M.Sc. (Political Sociology) students with particular needs may find it useful as background.

Scope: The course aims to provide an introduction to the study of British political behaviour and focusses on the citizen's contact with, and participation in, the political process, bearing in mind the historical as well as the contemporary context. A critical investigation of the literature leads to an assessment of the contribution of behavioural research on the one hand and neo-marxist writings on the other as an aid to the understanding of mass politics in British democracy.

Syllabus: The dynamics of the British political parties with particular reference to Labour, Conservative and Liberal SDP Alliance Parties; politics, trade unions and business; public opinion, surveys, and their methods; elections and electoral behaviour; working class conservatism and middle class radicalism; the mass media and political communications; political culture; political socialisation; political systems theory, the 'behavioural approach' and their critics.

Pre-Requisites and Co-Requisites: It is desirable to have a basic background in British political institutions and modern British history but not absolutely essential. Past students have found the Part II Political Sociology course given in the Department of Sociology a valuable complement while some may wish to combine this course with Cabinet Government and/or Ideas in British Politics so as to provide an overview of the British political system as a whole.

Teaching Arrangements:

Lectures and Seminars: There will be twenty-nine hours of lectures and seminars as follows: 14 one-hour lectures (Gv173), in the Michaelmas Term and the first four weeks of Lent Term; 6 1/2 hour seminars (with guest speakers including MPs) for the remainder of the Lent Term. Students are expected to attend these lectures and seminars.

Classes: Students will be allocated to classes (Gv173a) in groups of some five to seven members and will meet weekly at mutually convenient times from approximately the

Gv3027

fourth week of the Michaelmas Term to the end of the Lent Term with two revision classes at the beginning of the Summer Term. In the case of any one-term General Course or Beaver College students special arrangements will ordinarily be made to ensure they can receive ten classes. Classes are based on student read essays prepared from a list of previously circulated topics and the course bibliography.

Written Work: Students are advised to write not less than six essays for this course, normally three in Michaelmas and three in Lent Terms.

Working Methods: While journalism is not a substitute for reading in the Library, students may find it useful to keep a file of press cuttings drawn from one or more quality dailies, the Sunday press and the specialised weekly magazines.

Reading List: The following *select* list is arranged in order of the syllabus above.

General: D. Kavanagh, *Political Science and Political Behaviour*; R. Rose, *Politics in England Today*; R. E. Dowse & J. Hughes, *Political Sociology* (in need of updating); R. M. Punnett, *British Government and Politics*; R. Miliband, *The State in Capitalist Society*. Parties: R. T. Mackenzie, *British Political Parties*; L. Minkin, *Labour Party Conference*; S. Beer, *Modern British Politics*; O. Kogan & M. Kogan, *The Battle for the Labour Party*; D. Kavanagh (Ed.), *The Politics of the Labour Party*; R. Blake, *The Conservative Party*; R. Scruton, *The Meaning of Conservatism*; N. O'Sullivan, *Conservatism*; D. Marsh & W. Grant, *The CBI*; R. Taylor, *The Fifth Estate*; R. M. Martin, *The TUC*; I. Bradley, *Breaking The Mould?*; N. Tracy, *Origins of the Social Democratic Party*; H. Stephenson, *Claret and Chips*; J. Calder, *Liberal Party Politics in Britain*; V. Bogdanor (Ed.), *Liberal Party Politics*.

Polls and Surveys: F. Teer & J. Spence, *Political Opinion Polls*; C. A. Moser & G. Kalton, *Survey Methods in Survey Investigation*; A. N. Oppenheim, *Questionnaire Design & Attitude Measurement*.

Elections: G. Alderman, *British Elections*; D. E. Butler & D. Stokes, *Political Change in Britain* (2nd edn.); D. E. Butler, *British General Election of . . .* (especially 1979); H. Himmelweit, *How Voters Decide*; B. Särilvik & I. Crewe, *Decade of Dealignment*.

Deviant Voters: R. T. Mackenzie & Silver, *Angels in Marble*; F. Parkin, *Middle Class Radicals*; Bob Jessop, *Traditionalism, Conservatism & British Political Culture*.

Mass Media: C. Seymour-Ure, *Press, Politics and the Media*; *Political Impact of the Media*;

J. Tunstall, *Journalists at Work*; J. Curran, *The British Press*; A. Seaton & J. Curran (Eds.), *Power Without Responsibility*; A. May & K. Rowan, *Inside Information: British Government and Media*; J. G. Blumler *et al.*, *Challenge of Election Broadcasting*; T. Burns, *The BBC*; Glasgow University Media Group, *Bad News; More Bad News*; P. Golding & P. Elliott, *Making the News*.

Political Culture: Almond and Verba, *Civic Culture: Civic Culture Revisited*; Bob Jessop, *Traditionalism, etc.*

Political Socialisation: B. Stacey, *Political Socialisation in Western Society*.

Overview: H. Eulau, *The Behavioural Persuasion*; E. Ions, *Against Behaviouralism*.

A full bibliography will be provided at the beginning of the course.

Examination Arrangements: The examination consists of a three-hour unseen paper covering the syllabus as taught in the two preceding years. Students are required to answer four questions. Relevance is important and credit is given for knowledge and critical evaluation. Past examination papers are available in the Library and indicate the style of questions. The course teacher is always glad to mark and advise on practice papers towards the end of the course.

Gv3028

Cabinet Government and the National Policy Process

Teachers Responsible: Mr. A. J. L. Barnes, Room K309 (Secretary, Miss Ann Boucher, K108); Mrs. Anthea Bennett, Room K101 (Secretary, Mrs. Eileen Gregory, L208)

Course Intended Primarily for B.Sc. (Econ.) Part II.

Scope: The course aims to provide students with an understanding of the way policy is made in Britain.

Syllabus: This course will centre on the British Cabinet and will analyse the process of policy-making from this perspective. The working of the Cabinet, its committees, its administrative machinery and its relationships with the Departments of State, Parliament and the party apparatuses will be covered. Special attention will be devoted to the relationship between permanent officials and politicians and to the role of the Prime Minister's personal staff.

Pre-Requisites: No formal requirements, but some knowledge of British Government is really essential. For those who have none, a reading of R. Rose, *Politics in England. An Interpretation for the 80s* would be a good

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start.

Teaching Arrangements: There will be 10 lectures (Gv174), 8 classes (Gv174a) and 10 seminars (Gv174). The lectures will be given alternately, and separate classes taught, by Mrs. Bennett and Mr. Barnes. The Lent Term seminars will for the most part have outside speakers, but on occasion a videotape will be shown and discussed.

Written Work: Students may be required to present up to two essays in each of the Michaelmas and Lent Terms. They will certainly be asked to write at least one long essay by the end of the Christmas vacation. They may also be called on to give class papers.

Reading List: Introductory: P. Gordon Walker, *The Cabinet* (Fontana edn.); J. P. Mackintosh, *The British Cabinet* (3rd edn.); A. King (Ed.), *The British Prime Minister*; R. H. S. Crossman, *Inside View*; H. Morrison, *Government and Parliament* (3rd edn.); H. Wilson, *The Governance of Britain*.

Essential: B. Castle, *The Castle Diaries, 1974-76*; R. H. S. Crossman, *Diaries of a Cabinet Minister* (3 vols.); H. Hecllo & A. Wildavsky, *The Private Government of Public Money* (2nd edn.); V. Herman & J. Alt, *Cabinet Studies*.

A comprehensive reading list will be issued at the start of the course, and further guidance as to the most useful reading on any topic can be obtained from your allotted class teacher. Students should not be worried at the length of the list since many of the books recommended are alternative titles given because of the great demand for particular works. Some of the titles most in demand have been placed in the Government Department Reading Room.

Examination Arrangements: A three-hour formal examination in the Summer Term. Students have to answer 4 questions out of a total of around 17.

Methods of Work: While the lectures will cover the more central aspects of the subject clearly they cannot cover all the ground nor will they necessarily offer adequate detail. They are intended to introduce, to stimulate and to guide. Similarly classes will be intended to provoke thought and debate. The outside speakers will on occasion deal with the themes already covered by the lectures, but they may also introduce new subjects, always from the standpoint of the practitioner rather than the academic. It is essential to realise that despite the fairly comprehensive coverage of the syllabus in lectures, seminars and classes, no student can be expected to do well simply by attending them. Knowledge of the Cabinet diaries listed above is quite essential, and the student must learn his way

about them by use of the index. Time spent on reading will not be wasted, and the good student will benefit from consulting Memoirs, Biographies and certain historical monographs covering the period after 1918, and more particularly since 1945.

Gv3029

British Constitutional Ideas Since the 1880s

Teacher Responsible: Mr. A. J. Beattie, Room L102 (Secretary, Mrs. P. da Gama Pinto, L103)

Course Intended Primarily for B.Sc. (Econ.) Part II; M.Sc. Politics 2.

Scope: The aim of the course is to examine British constitutional thought as a combination of the historical description of institutional practices and political theory. **Syllabus:** A study of the ways in which constitutional debate has responded, since the 1880s, to the development of political democracy and government growth. The course will examine, through a study of a number of prescribed texts and commentaries, two main areas:

(i) The idea of Parliamentary government, and the challenge presented to it by interpretations emphasising the role of political parties, the electorate, organised interests and the bureaucracy.

(ii) Attempts to organise modern British constitutional experience in terms of a number of general themes: representation; responsibility; sovereignty; pluralism; the separation of powers; the rule of law; the mandate, state and society; central and local government.

Pre-Requisites: None.

Teaching Arrangements: 25 lectures (Gv175) and 25 classes (Gv175a). Classes will be taught by Mr. Beattie.

Written Work: Students will be expected to present 2 essays per term to their class teacher.

Reading List: A comprehensive bibliography of prescribed texts and commentaries will be issued at the beginning of the course. Examples of *central texts* are: A. V. Dicey, *An Introduction to the Study of the Law of the Constitution*; R. Bassett, *The Essentials of Parliamentary Democracy*; V. Bogdanor, *The People and the Party System*; B. Crick, *The Reform of Parliament*.

Basic commentaries are: M. J. Vile, *Constitutionalism and the Separation of Power*; S. H. Beer, *Modern British Politics*; A. H. Birch, *Representative and Responsible*

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Government; G. Marshall, *Constitutional Theory*; J. Rees, *Interpreting the Constitution*.

Examination Arrangements: A three-hour formal examination in the Summer Term. The paper will have approximately 15 questions; students must attempt 4.

Gv3035

Public Administration

Teacher Responsible: Mr. P. F. Dawson, Room A207 (Secretary, Mrs. Ann Kennedy, L300)

Course Intended Primarily for B.Sc. (Econ.)

Scope: The coherence of the subject is derived from its central concern with the manner in which political objectives are translated into practicable policies and conversely the way in which administrative structures and behaviour may restrain and control political processes. While the primary emphasis is on *British* administrative practice, comparisons are also made with France and North America. One of the attractions of the subject is that it can provide a link between several other components of the Government specialization notably *Comparative Political Institutions, Cabinet Government, The History of British Politics in the 20th Century, The Politics and Government of a Foreign Country and Public Policy: Political and Economic Aspects*, as well as with a number of subjects which might be chosen as outside options. It thus helps to establish coherence between certain "packages" of subjects.

Syllabus: Public Administration - This subject will explore the theories and practices underlying the functioning of the executive branch of government in modern states. It will relate public administration to the political process, and introduce students to the study of administrative reform. Attention will also be paid to the relation between administration and economics and to methods of budgeting and planning. Two main aspects will be covered: (a) Government Organisation - The scope and place of public administration within the political systems of modern states. The causes and consequences of different forms of government organisation. Formal and informal organisation in government. Concepts and methods of co-ordination, budgeting, planning, delegation and control. (b) The Public Service - Patterns of 'generalist' administration and specialisation as well as administrative conflict. Political and judicial roles of officials. Administrative behaviour, motivation and morale.

Students will be expected to be well acquainted with the main features of British administration, particularly central government and to have some comparative knowledge (by way of illustration) of administration in France and North America.

Pre-Requisites and Co-Requisites: There are no pre-requisites. The course is one of the optional subjects available to students specializing in Government (IX) or Government & History (XVIII) but may also be taken, subject to timetabling constraints and tutorial approval by any second or third year student and by general course students.

Teaching Arrangements: There are three lecture courses directly related to this option. Gv154 **Administrative Organization and Behaviour** 5 lectures - Lent Term

Gv156 **British Government & Bureaucracy** 10 Lectures - Professor Jones Michaelmas Term
Gv216 **Administrative Theories** 10 Lectures - Lent Term

Gv244 **Administrative Theory and Practice** 5 Lectures - Lent Term

In addition students may attend Gv224 - **The British Civil Service** a seminar held during the Lent Term in which senior officials and others discuss aspects of their work.

The different components are drawn together in a class (Gv155) which meets weekly through the Michaelmas and Lent Terms.

Reading List: M. Albrow, *Bureaucracy*; R. J. S. Baker, *Administrative Theory and Public Administration*; C. Barnard, *The Functions of the Executive*; J. Bourn, *Management in Central and Local Government*; K. Bradshaw & D. Pring, *Parliament and Congress*; R. G. S. Brown & D. R. Steel, *The Administrative Process in Britain*; B. Chapman, *The Profession of Government*; Sir Richard Clarke, *New Trends in Government*; M. Crozier, *The Bureaucratic Phenomenon*; A. Dunsire, *Administration, the Word and the Science*; *The Executive Process, Vol. 2 Control in Bureaucracy*; J. Garrett, *Managing the Civil Service*; B. Heady, *British Cabinet Ministers*; H. Hecllo, *A Government of Strangers*; H. Hecllo & A. Wildavsky, *The Private Government of Public Money*; C. Hood, *The Limits of Administration*; D. Keeling, *Management in Government*; R. K. Merton et al., *A Reader in Bureaucracy*; H. Parris, *Constitutional Bureaucracy*; F. F. Ridley (Ed.), *Government and Administration in Western Europe*; R. Rose & E. N. Suleiman, *Presidents and Prime Ministers*; H. Seidman, *Politics, Position and Power*; P. Self, *Administrative Theories and Politics; Econocrats and the Policy Process*; H. A. Simon, *Administrative Behaviour*; R. Thomas, *The British Philosophy of Administration*.

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Examination Arrangements: The examination in this subject, which may be taken after one year of study is by means of a single, three-hour unseen question paper of about 12 questions from which candidates are normally required to answer 4. Students are advised to look at earlier examination papers (available in the Library and from the Departmental Secretary in the Government Department) to familiarise themselves with the style of the examination paper and the nature of the questions.

Gv3036

Public Policy: Political and Economic Aspects

Teacher Responsible: Professor W. Letwin, Room L203 (Secretary, Mrs. A. Kennedy, L300)

Course Intended Primarily for second or third-year B.Sc. (Econ.) students, Diploma and M.Sc. candidates.

Scope: This course considers the modes of analysis devised by political scientists, economists, and others for evaluating public policies, as well as some principal varieties of public policies in the field of economics and the political procedures involved in formulating them.

Syllabus: Theory of elections, game theory, cost-benefit analysis, systems analysis, general principles of policy-making. Policies for: full employment, price stability, economic growth, equalization of income and wealth, and economic regulation.

Pre-Requisites: An elementary familiarity with economic theory, such as would result from a year's course in principles.

Teaching Arrangements: (Gv171) 20 Lectures, Michaelmas and Lent Terms. (Weekly) (Gv171a) 20 classes, Michaelmas and Lent Terms. (Weekly)

Written Work: Each student is required to submit four essays during the course, which are returned with written or oral comments, but which do not affect the student's final mark on the examination.

Reading List: J. E. Anderson, *Public Policy Making*; R. A. Dahl & C. E. Lindblom, *Politics, Economics and Welfare*; Y. Dror, *Public Policymaking Re-examined*; T. R. Dye, *Understanding Public Policy*; R. I. Hofferbert, *The Study of Public Policy*; C. O. Jones, *Introduction to the Study of Public Policy*; C. E. Lindblom, *The Policy Making Process*; A. Ranney, *Political Science and Public Policy*; L. L. Wade, *Elements of Public Policy*; S. Brittan, *Steering the Economy*; T. Dye, *Politics, Economics and the Public*; T. W. Hutchison,

Economists and Economic Policy in Britain 1946-1966; C. Schultze, *The Politics and Economics of Public Spending*; I. Sharkansky, *Politics of Taxing and Spending*; A. B. Wildavsky, *The Politics of the Budgetary Process*; R. Layard (Ed.), *Cost-Benefit Analysis*; B. M. Barry, *Sociologists, Economists and Democracy*; J. M. Buchanan & G. Tullock, *The Calculus of Consent*; A. Downs, *Economic Theory of Democracy*; M. Olson, *The Logic of Collective Action*; G. Tullock, *Private Wants, Public Means*; *The Vote Motive*; I. Budge and Farlie, *Voting and Party*; R. Farquharson, *Theory of Voting*; M. Bacharach, *Economics and the Theory of Games*; S. J. Brams, *Game Theory and Politics*; *Paradoxes in Politics*; A. Rappaport, *Strategy and Conscience*; T. C. Schelling, *Strategy of Conflict*; D. Berlinski, *On Systems Analysis*; A. Dunsire, *The Execution Process*; D. Easton, *A Framework for Political Analysis*; F. E. Emery (Ed.), *Systems Thinking*; J. A. Litterer (Ed.), *Organizations*, 2 Vols.; E. J. Miller & A. K. Rice, *Systems of Organization*; J. M. Montias, *The Structure of Economic Systems*; L. W. Porter et al., *Behaviour in Organizations*.

List of Sessions:

Meetings:

- 1, 2 Theory of Elections
- 3, 4 Game theory, applications to policy-making
- 5,6 Cost-benefit analysis
- 7,8 Systems Analysis
- 9,10 General principles of policy-making
- 11,12 Policies for full employment
- 13,14 Policies for price stability
- 15,16 Policies for economic growth
- 17,18 Policies for equalizing income and wealth
- 19,20 Policies concerning economic regulation
- 21 Policies concerning ecology
- 22 Policies concerning fuel and raw materials
- 23 Policies concerning population
- 24,25 Policies concerning foreign economic aid

Examination Arrangements: A final examination, about the beginning of June, consists of two parts, the first (containing about six questions) dealing with the theory of elections, game theory, and cost-benefit analysis, the second (containing about nine questions) dealing with questions of economic policy and the general theory of policy-making; students are required to answer four questions, including at least one from each of the two sections.

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Gv3045

Comparative Political Institutions

Teacher Responsible: Dr. Gordon Smith, Room K102 (Secretary, K105)

Course Intended Primarily for B.Sc. (Econ.) Part II Third Year students, Special Subject **Government** (for which it is a compulsory paper), and B.Sc. (Econ.) Part II Third Year students, Special Subject **Government and History** (for which it is an optional paper) N.B. This course will be discontinued after the 1984-85 Session and will be replaced by two one-year courses, **Comparative Political Analysis** and **Comparative Political Institutions**. There will be no teaching for this course in 1984-85 for Second Year students, who will enter the revised one-year courses in their Third Year in 1985-86.

Scope and Syllabus: A comparative study of political institutions together with an examination of the aims, methods and limitations of such a study. The main types of contemporary policies: constitutional, autocratic, totalitarian, military government. Direct and representative democracy. One-party, two-party and multi-party states. Federal and unitary states. Parliamentary, presidential, and collective executives. Legislatures and bicameralism. The concept of the 'separation of powers'. The judiciary and judicial review of legislative action. The public services. Political parties and interest groups. Elections and electoral systems. The formation of policy and decision-making. Civil rights and the redress of grievances, public enterprises and public control. Political communication and the significance of public opinion.

Pre-Requisites: Though primarily intended for Government specialists, it is suitable for General Course students who have a general background in political science; the previous study of **Comparative Political Institutions** is beneficial but not essential. It is *not* considered to be suitable as an 'outside option' for students taking Special Subjects other than **Government** and **Government and History**.

Teaching Arrangements 1984-85:

Gv161 **Theories in Comparative Politics** (Third Year B.Sc. (Econ.) Part II) Michaelmas Term 1984: Weeks 1-5, Constitutional Forms (5 lectures), Professor W. Letwin. Weeks 6-10, Executive Organisa-

tion and Power (5 lectures), **Dr. G. R. Smith** Lent Term 1985: Weeks 1-5, Political Representation (5 lectures), **Mr. J. T. S. Madeley**. Weeks 6-10 Legitimacy and Dissent (5 lectures), **Dr. G. Philip**

Classes (Gv161(a)) will be held during the Lent Term 1985 (Weeks 1-10). Class Teachers: **Dr. H. Machin, Dr. D. C. B. Lieven, Mr. P. B. Reddaway, Dr. G. Philip, Mr. J. T. S. Madeley, and Dr. G. R. Smith.**

Reading List: L. Wolf-Phillips, "Metapolitics . . ." in *Political Studies* 12(3) 1964; G.

Almond and G. B. Powell, *Comparative Politics: A Developmental Approach*; S. E. Finer, *Comparative Government*; R. Hague and M. Harrop *Comparative Government: An Introduction*; R. A. Dahl and D. E. Neubauer (Eds.), *Readings in Modern Political Analysis*; J. C. Charlesworth (Ed.), *Contemporary Political Analysis*; G. R. Smith, *Politics in Western Europe*; L. Wolf-Phillips

Comparative Constitutions; L. Wolf-Phillips et al, *Why 'Third World'?*; L. Wolf-Phillips, *The Craft of Constitution Making* (in LSE Library off-print collection); B. K. Nehru and W. H. Morris-Jones, *Western Democracy and the Third World*; B. O. Nwabueze,

Constitutionalism in the Emergent States; Sir Alan Burns (Ed.), *Parliament as an Export*; S. A. de Smith, *The New Commonwealth and its Constitutions*; R. Scase (Ed.), *The State in Western Europe*; R. Rose and E. Suleiman (Eds.), *Presidents and Prime Ministers*; J.

Cornford (Ed.), *The Failure of the State*; F. F. Ridley (Ed.), *Government and Administration in Western Europe*; M. Dogan (Ed.), *The Mandarins of Western Europe*; R. J. Harrison, *Pluralism and Corporatism*; J. E. S. Hayward and R. N. Berki (Eds.), *State and Society in Contemporary Europe*; J. A. Armstrong, *The European Administrative Elite*; H. W.

Ehrmann, "Interest Groups and Bureaucracy" in M. Dogan and R. Rose (Eds.), *European Politics*; G. R. Smith, "A model of the bureaucratic culture" in *Political Studies* 22(1) 1974; R. C. Macridis and B. E. Brown (Eds.), *Comparative Politics: Notes and Readings* (see articles by Almond, Bracher, King, and Lorwin); M. Dogan and R.

Rose (Eds.), *European Politics* (see articles by Eckstein, Grosser, and Lipset); J. Blondel (Ed.), *Comparative Government: A Reader*; G. Almond and S. Verba, *The Civic Culture revisited*; P. Bachrach, *The Theory of Democratic Elitism*; B. Barry, *Sociologists, Economists, and Democracy*; P. Calvert, *Politics, Power and Revolution*; B. Denitch, *The Legitimation of Regimes*; S. E. Finer, *The Man on Horseback*.

Examination Arrangements: The examination

for this course will be by a written three-hour examination (four questions to be chosen from about fifteen questions).

N.B. The Essay which was submitted in 1983-84 as a Second Year Essay will count towards 20% of maximum marks for this course; the written examination in 1984-85 will count towards 80% of maximum marks. The Essay will no longer form part of the examination after the 1983-84 Session.

Gv3050

The Politics and Government of France

Teacher Responsible: Dr. H. Machin, Room K301 (Secretary, Mrs. E. Gregory, L208, Tuesdays & Thursdays)

Course Intended Primarily for Diploma in International and Comparative Politics B.Sc. (Econ.) 2nd or 3rd year LL.B. with French Law 4 c B.A. (French Studies) 4th year Beaver College Single Term: either first term: Government and Society or second term: Politics and Policy Making.

Scope: This course is an introduction to the system of government, the political forces and specific features of public policy-making in France.

Pre-Requisites: No previous knowledge of either political science or French language is required. All students are advised to read an introductory text on modern French history e.g. David Thomson, *Democracy in France since 1870* before starting the course.

Syllabus:

First Term: Government and Society. The main elements of traditional politics, 1789 to 1945; the main institutional and socio-economic developments since 1945; the semi-presidential system of government since 1962; the role of the State.

Second Term: Politics and Policy-Making The main political parties and pressure groups; electoral politics and voting; attitudes and political participation; case studies in policy-making in some of these areas: foreign relations, education, agriculture, regional development, economic planning, industrial development.

Teaching Arrangements:

Lectures: Gv163 22 weekly Sessional Classes: Gv163(a) 22 classes Sessional 1 Essay will be required from each student each term, plus class papers.

Reading: Text for purchase by all students: V. Wright, *The Government and Politics of*

to classes at the beginning of the session and attendance at classes is required of all students taking the course. The basis of the classes is the written paper/essay, presented by a student and then discussed by members of the group. Topics/questions are allocated at the beginning of the term, and each topic is accompanied by a short list of sources.

Written Work: Students should expect to submit two pieces of written work in each term and, after class discussion, they will be marked and assessed by the class teacher.

Reading List: As mentioned above, a detailed reading list will be made available at the commencement of the course, in addition to references supplied in connection with class papers. The following books cover most aspects of the course and should be regarded as basic reading:

G. Smith, *Democracy in Western Germany*, (2nd edn., Heinemann, 1982); D. Conradt, *The German Polity* (2nd edn., Longman, 1982); M. Balfour, *West Germany: A Contemporary History* (Croom Helm, 1982); W. Paterson & G. Smith (Eds.), *The West German Model: Perspectives on a Stable State*, (Frank Cass, 1981); A. J. Nicholls, *Weimar and the Rise of Hitler* (Macmillan, 1976 or subsequent editions); R. Dahrendorf, *Society and Democracy in Germany* (Anchor Books, 1969); M. Broszat, *The Hitler State* (Longman, 1981).

Note: All the above books, except Balfour, are available in paperback editions.

Examination Arrangements: There is a three-hour examination in the Summer Term. The examination paper will be based on the content of the lecture course as well as on the work completed in classes. Four questions are to be answered from the examination papers from a choice of from ten to twelve questions. Copies of examination papers from previous years are made available. Final assessment for the course depends entirely on the examination.

Gv3052

Politics and Government of Russia

Teacher Responsible: Mr. Peter Reddaway, Room K304 (Secretary, Mrs Ann Kennedy, L300)

Course Intended Primarily for B.Sc. Econ. (Part II) students; Diploma students in International and Comparative Politics.

Scope: The course aims to give students a sense of the key principles underlying contemporary Soviet politics and government by looking at elements of continuity and

change in Russian and Soviet politics over the last century and a quarter.

Syllabus: The main topics covered are:

(1) Geopolitical, institutional, ideological, political and socio-economic explanations for the strength of the authoritarian tradition in Russian politics. The intellectual, social and cultural origins of Bolshevism.

(2) The causes of Bolshevik success between 1917 and 1921; the nature of, and similarities and contrasts between, Leninism and Stalinism. Individual and collective leadership under Khrushchev and Brezhnev.

(3) The nature and functions of the contemporary CPSU, of the party's General Secretary, of Marxism-Leninism, and of Soviet state institutions.

(4) One-man rule. Authoritarian bureaucracies. The relationship between central and local government in Russia/USSR. The roles of Russian and non-Russian nationalism. The politics of economic development. Russian and Soviet political culture. Dissent and opposition.

Pre-Requisites: Some background in history or politics is useful but not essential.

Teaching Arrangements: 1 lecture course (Gv165) of 30 lectures covering 2 terms given jointly by **Mr. Reddaway** and

Dr. Lieven. 1 weekly class (Gv165a) divided into groups and taught by **Mr. Reddaway** and **Dr. Lieven**. At least 4 essays are expected from each student by the class teachers (over the 7 months the classes run). These will be marked by the teachers and also discussed in class.

Reading List: (in rough chronological order) *Sir D. M. Wallace, *Russia on the Eve of War and Revolution*; *R. Pipes, *Russia under the Old Regime*; G. Hosking, *The Russian Constitutional Experiment*; A. Walicki, *A History of Russian Political Thought*; *L. Schapiro, *The Communist Party of the Soviet Union*; M. Fainsod, *How Russia is Ruled* or J. Hough and M. Fainsod, *How the Soviet Union is Governed*; Neil Harding, *Lenin's Political Thought* (2 Vols); Robert Tucker (Ed.), *Stalinism*; *John Armstrong, *Ideology Politics and Government in the Soviet Union*; *L. Schapiro, *The Government and Politics of the Soviet Union*; S. Bialer, *Stalin's Successors: Leadership Stability and Change*; *A. H. Brown & M. Kaser (Eds.), *The Soviet Union since the fall of Khrushchev*.

* denotes paper-backs which students may wish to buy.

Examination Arrangements: There is a three-hour written examination in the Summer Term based on the topics discussed in class. The paper will be divided into sections covering Russian history, Soviet history, Soviet political institutions, and themes

France (Hutchinson, 1983 edn., paperback). Other useful texts: J. Hayward, *Governing France: The One and Indivisible French Republic* (Longmans, 1983); H. W. R. Ehrmann, *Politics in France* (Little, Brown, 1982); D. Hanley, Kerr & Waites, *Contemporary France - Politics and Society*; P. G. Cerny & M. Schain (Eds.), *Politics and Public Policy in France* (1980, paperback); J. R. Frears, *Political Parties and Elections in the French Fifth Republic* (1979); E. N. Suleiman, *Elites in French Society* (1978); *Politics, Power and Bureaucracy* (1974); V. Wright (Ed.), *Conflict and Consensus in France*, (1978); J. Lagroye & V. Wright (Eds.), *Local Government in Britain and France*, (1979); H. Machin, *The Prefect in French Public Administration* (1977); V. Wright (Ed.), *Continuity and Change in France*, (1984). A full list of book references will be given, together with the seminar topic list, essay subjects and lecture programme, at the start of the course.

Articles: For up-to-date information and analysis, students must give special attention to articles in the academic journals. A full up-to-date list of articles will be given at the start of the course.

Note: Students are expected to follow developments in French Politics by regular reading of *The Economist*, *The International Herald Tribune*, or *Le Monde*, *Le Point* or *Le Nouvel Observateur*.

Examination Arrangements: B.Sc. (Econ.) & LL.B.: one three-hour written examination in the Summer Term. *Four* questions must be answered including at least *one*, but not more than *two* questions from *Section A* (which lists 4 to 6 questions on the subjects covered in the first term); in *Section B* (at least two questions) there are normally 7 to 9 questions. B.A. (French Studies): one three-hour written examination in the Summer Term. *Four* questions must be answered out of a total of 11 to 13 questions. Subjects discussed in the first Term will be examined, but the focus of the examination will be on post-1958 politics and government.

Diploma, General and Beaver College Courses: special arrangements for assessment.

Gv3051

The Politics and Government of Germany

Teacher Responsible: Dr. Gordon Smith, Room K102 (Secretary, K105)
Course Intended Primarily for B.Sc. (Econ.) 2nd or 3rd Year; Diploma in International and Comparative Politics.

Scope: The purpose of this one-year course is to introduce students to the study of contemporary German history and to the politics and government of the Federal Republic of Germany.

(Note: A detailed knowledge of the politics of the German Democratic Republic is not required).

Syllabus: Historical: The conditions of German unification in the nineteenth century. The consequences, social and political, of her belated nationhood. Continuities and discontinuities in the German political tradition and the influences of German political thought. Liberal democracy in the Weimar Republic; the factors leading to its breakdown. Specific and non-specific elements in the German form of totalitarianism. Post-war occupation and the period of 'democracy under licence'.

The Federal Republic: The Basic Law of 1949. Constitutional innovations and the role of the Constitutional Court. The 'administrative' nature of German federalism. Government and politics in the Lander. Assembly-Government relations. The specific functions of the Bundesrat. The legislative process. The theory and practice of 'chancellor-democracy'. The German civil service. Civil-military relations. The major political traditions: Christian Democracy and Social Democracy. Germany liberalism. The failure of political extremism and the evolution of the party system since 1949. Coalition politics of the Adenauer era and after. Social aspects of politics. The sources of political consensus and cleavage. The representation of interests. The religious balance. Extra-parliamentary opposition. The changing class structure. The division of Germany and its impact on the political scene. The internal developments of the German Democratic Republic, and the course of relations with the Federal Republic. The evolution and implications of the 'Ostpolitik'.

Pre-Requisites: There are no formal pre-requisites for this course. A familiarity with Twentieth Century German history is an advantage. A reading knowledge of German is not required, but it may prove helpful.

Teaching Arrangements:

(a) **Lectures** (Gv167): Twenty-five lectures are given weekly throughout the session. The first ten lectures given in the Michaelmas Term provide a review of modern German history from 1918 until the foundation of the Federal Republic in 1949. Subsequent lectures in the Lent and Summer Terms are concerned with the political structure and contemporary politics of Western Germany. Notes and a detailed reading list will be distributed at the

covering the whole period (set out above in Syllabus section 4). Assessment is based on performance in this exam.

Gv3053

Politics and Government of the U.S.A.

Teacher Responsible: Professor W. Letwin, Room L203 (Secretary, Mrs. A. Kennedy, L300)

Course Intended for students in their second or third year, or diploma students; B.Sc. (Econ.) Part II and Diploma in International and Comparative Politics.

Scope: To lay an academic foundation for the understanding of government and politics in the USA and, secondarily, to deepen the student's general understanding of government and politics by familiarising him with a system different from that of Britain and which has served as a model for many others.

Syllabus: In order to achieve the first of these objectives, it is necessary that the student understand the basic institutions of American government and how they evolved in the course of history, as well as the evolution of certain fundamental and durable problems of American politics. Among the institutions, some leading ones are: a written constitution, federalism, a central government with enumerated powers, separation of powers, judicial review, a bill of rights, a presidential executive, fixed terms of office, and a federalised party system. Among the durable problems of American politics are: the proper scope of government regulation, race relations, the role of ethnic groups, 'isolationism', 'the urban problem', mistrust of 'bigness', 'states' rights', and a desire for direct democracy.

The examination puts equal emphasis on (a) the student's understanding of how such main features of American political life developed since 1620, and (b) the student's ability to analyse current issues of American government and politics in the light of their particular histories and against the background of institutions, traditions and conventions.

Basic preparation consists, accordingly, of mastering the political history of the United States and the present organisation of government and politics, as these are treated by the general works listed below. Beyond this the student should investigate special topics in greater depth, according to his own interests and opportunities. Some important specialised works are listed below; others may be

identified by referring to the bibliographies listed in the reading list below, as well as to bibliographies included in many of the books. (It should be added that the sort of familiarity with current American political events which can be achieved by reading newspapers and news-journals, though useful, is by no means a sufficient preparation for this examination.)

Pre-Requisites: None.

Teaching Arrangements:

Lectures: Gv164 20 Michaelmas and Lent Terms

Classes: Gv164(a) 10 Michaelmas and Lent Terms.

Reading List:

Bibliographies and Reference Works

Congressional Quarterly, *Guide to the Congress of the U.S.*; O. Handlin *et al.*, *Harvard Guide to American History*; Thomas H. Johnson, *Oxford Companion to American History*; R. H. Pear & MacRae, *Books on America - American Government . . .*

History

D. J. Boorstin (Ed.), *An American Primer*; Henry S. Commager (Ed.), *Documents of American History*; F. O. Gatell, Goodman & Weinstein (Eds.), *The Growth of American Politics*; G. N. Grob & Billias (Eds.), *Interpretation of American History*; Wm. Miller, *A New History of the U.S.*; Samuel E. Morison, Commager & Leuchtenburg, *A Concise History of the American Republic*; *The Growth of the American Republic*; R. B. Nye & Morpurgo, *A History of the U.S.A.*; Wilham Simpson, *Vision and Reality: The Evolution of American Government*.

Politics and Government (General Works)

R. V. Denenberg, *Understanding American Politics*; John H. Ferguson & McHenry, *The American System of Government*; E. S. Griffiths, *The American System of Government*; M. Grodzins, *The American System*; J. D. Lees, *The Political System for the U.S.*; R. H. Pear, *American Government*; Allen M. Potter, *American Government and Politics*; E. S. Redford *et al.*, *Politics and Government in the U.S.*; M. J. C. Vile, *Politics in the U.S.A.*

Politics and Government (Specialised Works)

Edward C. Banfield, *Big City Politics*; Marver H. Bernstein, *Regulating Business by Independent Commissions*; K. Bradshaw & D. Pring, *Parliament and Congress*; Edward S. Corwin, *The Constitution and What It Means Today*; Paul A. Freund, *The Supreme Court of the U.S.*; Robert A. Goldwin, *A Nation of States*; Alex. Hamilton, Madison & Jay, *Federalist Papers*; Louis Hartz, *The Liberal Tradition in America*; R. Hofstadter, *The American Political Tradition*; Judson L. James,

lectures.

(b) **Classes** (Gv167a): There are twenty-five classes for this course given weekly throughout the session. Students are allocated *American Political Parties*; V. O. Key Jr., *Politics, Parties and Pressure Groups*; Robert G. McCloskey, *The American Supreme Court*; N. W. Polsby, *Congress and the Presidency*; David Potter, *People of Plenty*; Clinton Rossiter, *The American Presidency*; F. J. Sorauf, *Party Politics in America*.

Examination Arrangements: The examination, given in June, includes about fifteen questions divided into two parts, one historical and the other current. The student is required to answer two questions from each part.

List of Lectures:

1. Colonization of North America, to 1750
2. Independence and problems of unification, 1750-87
3. Constructing the Constitution, 1787-89
4. Slavery, Westward Expansion, 1789-1860
5. The Post-war settlement, 1865-1875
6. Economic policies of the federal government, 1865-1914
7. Reform movements, 1890-1932
8. The New Deal, 1933-39
9. Post-war domestic policy, 1945-60
10. Post-war foreign policy, 1945-60
11. Federal Government: (i) The Executive
12. Federal Government: (ii) The Congress
13. Federal Government: (iii) The Judiciary
14. Federal Government: (iv) Administrative agencies
15. State and Local Government
16. Political Parties
17. Current problems of policy: (i) Economic issues
18. Current problems of policy: (ii) Minorities
19. Current problems of policy: (iii) Foreign Policy
20. Current problems of policy: (iv) (to be announced)

Gv3055

Gv4060

Politics and Government of Eastern Europe

(This course will not be taught in 1984-85)

Teacher Responsible: George Schöpflin, Room K107 (Secretary, Mrs. M. Osborne, K105)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.A. Hist.; M.Sc.

Scope: The aim of this course is to provide a thorough analysis of post-1944 Eastern Europe and to study the political problems of post-revolutionary societies.

Syllabus: This course is designed to explore the nature of communist revolutions in developing societies and the problems of continuity and change in the post-revolutionary order. The legacy of the pre-communist period, the salient factors in the communist seizure of power, the Stalinist model of development and the varieties of post-Stalinist experience are fully dealt with. The crises of the system (Poland and Hungary 1956, Czechoslovakia 1968, Poland 1980-81) are likewise explored, as are the variants developed in Yugoslavia and Albania. The decay of Marxism as a living ideology, the emergence of competing ideologies, with particular emphasis on the uses of nationalism, are considered in some detail and that is followed by an analysis of the nature of leadership, bureaucracy and political communication.

Pre-Requisites: None. The course is taught entirely through the use of English-language materials, although a reading knowledge of French and/or German may be helpful. Some background in politics or history or international relations or sociology is useful but not essential.

Teaching Arrangements: There are 23 lectures (Gv169) and 10 classes (Gv169a) held over three terms. Class work follows the lectures closely and is devoted to in-depth analysis of 10 broad topics. A considerable quantity of teaching aids is distributed.

M.Sc. students also attend the seminar Gv227.

Written Work: Students are expected to complete 5 essays over the session.

Essential Reading: Students are urged to use not only the LSE library, but also to familiarise themselves with the relevant holdings of the School of Slavonic and East European Studies.

François Fejto, *A History of the People's Democracies Since Stalin*; Joseph Rothschild,

A History of East-Central Europe between the Wars; Martin McCauley (Ed.), *Communist Power in Europe 1944-1949*; Robert C. Tucker, *Stalinism: Essays in Historical Interpretation*; H. Gordon Skilling, *Czechoslovakia's Interrupted Revolution*; Dennison Rusinow, *The Yugoslav Experiment 1948-1974*; Rudolf Tokes (Ed.), *Opposition in Eastern Europe*; Peter Sugar (Ed.), *Ethnic Diversity and Conflict in Eastern Europe*; Maria Hirszowicz, *The Bureaucratic Leviathan*; Stephen White, John Gardner & George Schöpflin, *An Introduction to Communist Politics*.

Further Reading will be distributed at the beginning of the course.

Methods of Work: The lectures are intended to provide interpretation guidelines to further reading.

Examination Arrangements: One 3-hour paper in the Summer Term; 4 questions out of 12 to be answered in essay form.

Gv3056

Gv4110

The Politics and Government of Scandinavia

Teacher Responsible: John Madeley, Room K307 (Secretary, Marion Osborne, K105)

Course Intended Primarily for B.Sc. (Econ.) Part II and M.Sc. students.

Scope: The course does not aim to cover all aspects of the politics and government of Scandinavian countries. Instead it focuses attention on the major themes in comparative political analysis in terms of which the experience of the Scandinavian countries is held to be of particular interest.

Syllabus: The course begins with a review of the historical background of the Scandinavian countries, paying particular attention to the processes of state-formation and nation-building. Next the development of modern patterns of social cleavage and their translation into patterns of political conflict over the last century is examined. The rise and development of Scandinavian Social Democracy receives particular attention. The nature of alternative political traditions, is also covered and placed in the context of the changing party systems. Particular episodes ranging from the Norwegian Labour Party's extreme radicalisation around the time of the first world war to the emergence of Glistrup's anti-tax protest party at the Danish election of 1973 are studied. Modern patterns of policy-making and administration are

reviewed in terms of the arguments about neo-corporatism and political culture.

Particular cases, such as the debate on nuclear power in Sweden, are focused on in order to provide some basis for the assessments of these arguments. Foreign policy issues – such as the different countries' stances with respect to NATO and the EEC – are covered principally in terms of their impact on the countries' domestic politics. While the main emphasis is on the politics and government of the three Scandinavian countries, Sweden, Denmark and Norway, reference is also made at appropriate points in the course to the other Nordic countries – Finland and Iceland. Because a group of countries sharing many features in common but exhibiting interesting contrasts form the centre of attention it is intended that the course will develop student's skills in the general field of comparative political analysis.

Pre-Requisites: None. The course assumes no prior knowledge of the subject or any acquaintance with the Scandinavian language. There is a copious literature in English.

Teaching Arrangements:

(a) **Lectures:** Gv168, twenty-two, Sessional (each week)

Occasional handouts will be distributed particularly in connection with the topics where similarities and contrasts between the Scandinavian countries can be readily shown in tabular form.

(b) **Classes:** Gv168a, twenty-two, Sessional (each week)

Students choose topics at the start of each of the two first terms and present papers on these to the class for discussion. Reading appropriate to the particular questions chosen is indicated in advance. Papers marked and graded by the course teacher.

Written Work: In addition to class essays students may also be required to write one longer essay on a topic central to the course. These papers will also be marked and graded.

Methods of Work: In order to make such a course manageable to students who are assumed at the start to know nothing of the subject, the course has been given a definite shape, which might be described as approximately ten related "patches" of material. This enables students to specialise on particular aspects in connection with the writing of essays and through use of the different libraries' extensive holdings (see section on Reading below). Students will be informed of individual public lectures or seminars on related subjects of interest. Attendance at these will of course be optional.

Reading List: Students will receive copies of the full list at the beginning of the lecture course. It includes a large number of individual journal articles as well as books enabling students with particular interests to pursue them further than is necessary for the course itself. Copies of important articles are deposited in the short-loan photocopy collection in the School library. Access to the Scandinavian Studies library at University College, London, will be arranged for students taking the course at the start of the session. Use of this second library will not be essential but has invariably in the past been found useful. The following is the Minimal reading list (a copy of the full reading list can be consulted in the library):

N. Andren, *Government and Politics of the Nordic Countries*; J. B. Board, *The Government and Politics of Sweden*; D. A. Rustow, *The Politics of Compromise*; M. D. Hancock, *Sweden: Politics of Post-Industrial Change*; N. Elder, *Government in Sweden*; R. Huntford, *The New Totalitarians*; H. Valen & E. Katz, *Political Parties in Norway*; J. A. Storing, *Norwegian Democracy*; K. E. Miller, *Government and Politics in Denmark*; S. Rokkan, *Citizens, Elections, Parties*; H. Tingsten, *The Swedish Social Democrats*; K. Cerny, *Scandinavia at the Polls*; S. Berglund & U. Lindstroem, *The Scandinavian Party Systems*; E. Allardt et al., *Nordic Democracy*; N. Elder et al., *The Consensual Democracies*; F. Castles, *The Social Democratic Image of Society*.

Examination Arrangements: The course is examined in the Summer Term by means of a three-hour unseen written examination. Papers consist of approximately twelve questions (which tend to be closely related to the similar number of major themes in the course) of which any four may be chosen. Students are advised to consult previous examination papers in the library in order to familiarise themselves with the style of paper and the nature of the questions. (The course has been examined at undergraduate level since summer 1981).

Gv3057
Gv4140

Politics and Government of Latin America

Teacher Responsible: Dr. G. D. E. Philip, Room K106 (Secretary, Mrs. E. Gregory, L208)

Course Intended Primarily for B.Sc. (Econ.) Part II

Scope: The objective of this course is to introduce students to Latin American politics. The course will cover both the politics of the larger Latin American countries (Brazil, Mexico, Argentina, Cuba, Peru and Chile) and the political sociology of some key social forces within the area.

Syllabus: The subject offers what is basically an introduction both to the politics of the larger countries of Latin America and the more important social forces which operate in the area. The course will cover the recent political history of Latin America and will consider in detail the role of the military, trade unions, peasants and revolutionary movements in politics.

Pre-Requisites: None, except for a genuine interest in the politics of the area.

Teaching Arrangements:

Lectures: Gv170: Fifteen lectures will be given weekly (Michaelmas and Lent Terms). A reading list will be circulated.

Classes: Gv170(a): There will be ten classes, (Lent Term) held weekly. Attendance is compulsory.

Seminars: (Gv238): for M.Sc. students only.

Written Work: Students will be asked to make class presentations as may be convenient to the conduct of the classes themselves. These may but need not be written up and presented as essays. Students should in any case produce at least two essays in the Autumn Term.

Reading List: S. P. Huntington, *Political Order in Changing Societies*, (esp. Ch. 4); L. A. Whitehead, "Is Mexico Governable?" *Bulletin of Latin American Research*, Vol. 1, No. 1, (October 1982); A. Stepan (Ed.), *Authoritarian Brazil*; A. Stepan, *The Military in Politics: Changing Patterns in Brazil*; G. Philip, *The Rise and Fall of the Peruvian Military Radicals*; A. Angell, *Politics and the Labour Movement in Chile*.

Examination Arrangements: The examination takes place in the Summer Term and consists of a single formal and unseen examination paper. Twelve questions will be set, covering both country and thematic topics (roughly on a half and half basis), of which four must be answered during three hours. Old examination papers are available in the Library and some

old examination questions will be set as essay topics.

Gv3120

Political Thought

Teacher Responsible: Professor E. Kedourie, Room A150 (Secretary, K105) Mr. K. R. Minogue, Room A387 (Secretary, Mrs Ann Kennedy, L301)

Courses Intended Primarily for B.Sc. (Econ.)

Part II students, special subject Government, for whom it is a compulsory paper. Other Part II students can also take the paper as an option. The course – lectures and classes – normally spreads over two years, but General Course students may, so long as they seek advice from the teacher responsible, complete it in one session.

Scope: This course aims to introduce students to the main currents of political thought from Ancient Greece to the modern West.

Syllabus: This is a study of the beliefs, ideas and theories about politics and government connected with the ancient Greek *polis*, the Roman *civitas*, the realms of medieval Europe, and the modern European State. The beliefs and ideas to which particular attention should be paid are those which within each of these political experiences, have been concerned with: the character of a political society and of political activity; the relation between religious, moral and political beliefs; the law, its authority, generation and administration; the constitution and activities of governments; the office, authority and obligations of rulers; the rights and duties of subjects; justice, liberty, political deliberation and argument.

In addition to this, the candidate is expected to be acquainted with some of the more notable works in the literature of political reflection, e.g.:

Plato, *Republic* (Cornford); Aristotle, *Politics*, Bks. I, II and V, (Barker); Cicero, *Laws*, Bk. III; St Augustine, *The City of God*; Dante, *De Monarchia*; Aquinas, *Political Writings* (Ed. d'Entreves); Machiavelli, *The Prince*; Hobbes, *Leviathan*, chs. 13-31; Locke, *Second Treaties of Civil Government*; Hume, *Essays* (in Watkins, *Hume's Theory of Politics*); Rousseau, *The Social Contract*; Burke, *Reflections on the Revolution in France*; Hamilton, etc., *The Federalist*, 9, 10, 47-51, 68, 69, 80, 85; Mill, *On Liberty*; Marx, *Manifesto of the Communist Party*.

Teaching Arrangements:

Lectures (Gv102): Lectures begin in the Michaelmas Term and end at the end of the Lent Term.

See also optional course, **Three Key Medieval Political Thinkers**, Gv104.

Classes (Gv102a & b): For those taking the paper, begin in the Lent Term of the second year of the B.Sc. Econ. and normally continue in the Lent Term of the following year. The classes will concentrate on the study of certain important texts in political philosophy. Students are expected to prepare papers for discussion in the class, and to write essays for their class tutor.

Lists of Suggested Reading which will be discussed in the course of the lectures are too lengthy to be reproduced here. They will be distributed at the beginning of the course of lectures, and can otherwise be obtained from the Secretary of the Department of Government, Miss E. Schnadhorst, Room K206.

Examination Arrangements: There will be a three-hour examination in the Summer Term. The question paper, which will normally contain about 24 questions, will be divided into three sections: ancient, medieval and modern, from each of which candidates are expected to answer at least one question.

Gv3121

Political Philosophy

Teacher Responsible: Mr. J. Charvet, Room K207 (Secretary, Mrs. P. da Gama Pinto, L103)

Course Intended Primarily for B.Sc. (Econ.)

Part II students special subject Government. Other Part II students can take the paper as an option. General Course students should seek advice before taking this course.

Scope: This course aims to introduce students to the main problems in the philosophical study of politics.

Syllabus: The course will be concerned with the following topics: The nature of philosophy and its place in the study of politics; The origins and grounds of moral judgement; free will and responsibility; the nature of freedom, rights and law; punishment; equality; the concept of justice and theories of distributive justice; the nature of the state, authority and power; political obligation; theories of democracy; historical explanation.

Teaching Arrangements:

Lectures: 20 lectures (Gv107) in Michaelmas and Lent Terms for 2nd year students.

Classes: 15 fortnightly classes (Gv107a and b)

starting in the Lent Term of the 2nd year and continuing into the Michaelmas and Lent Terms of the 3rd year.

Reading List: D. D. Raphael, *Problems of Political Philosophy; Moral Philosophy*; J. D. Mabbott, *The State and the Citizen*; R. Flathman (Ed.), *Concepts in Social and Political Philosophy*; Sir I. Berlin, *Four Essays on Liberty*; J. Rawls, *A Theory of Justice*; H. L. A. Hart, *The Concept of Law*; A. J. M. Milne, *Freedom and Rights*; S. I. Benn & R. S. Peters, *Social Principles and the Democratic State*; P. Laslett et al. (Eds.), *Philosophy, Politics and Society*, Series I-V.

Examination Arrangements: A three-hour formal examination in the Summer Term. The paper will have approximately 12 questions: students must attempt 4.

Gv3122

Modern Political Thought: A Study of European Political Thought Since 1770

Teacher Responsible: Mr. E. Thorp,
Room K305 (Secretary, Mrs. M.
Osborne, K105)

Course Intended Primarily for B.Sc. (Econ.)
Part II, second and third years.

Scope: The aim of this course is to enable students to engage in the detailed study of a restricted period in the history of political thought as a complement to the more general study of political thought available in other courses. (e.g. Political Thought).

Syllabus: This course may be briefly described as a study of European political thought (mainly English, French and German) since about the middle of the 18th century to the present. The primary emphasis of the study is on philosophical thought and is carried on through the study of political texts (e.g. Hegel, "Philosophy of Right", J. S. Mill, "On Liberty"), schools of thought (e.g. Idealism, Utilitarianism) historical movements (e.g. Liberalism) and historically-related concepts (e.g. progress, freedom).

Pre-Requisites: It is presumed that students are already following Political Thought or have engaged in some other general introductory study of political thought.

Teaching Arrangements: The lectures are held in the second year, the classes held in the second and third years. Attendance at lectures is important because they provide a general definition of the material to be covered in the classes and a characterization of the approach adopted to the subject.

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Second Year

Lectures Gv109 **Modern Political Thought**, 20 lectures (Michaelmas and Lent Terms)

Classes Gv109a **Modern Political Thought**, 12 classes (Michaelmas and Lent Terms)

Third Year

Classes Gv109b **Modern Political Thought**, 10 classes (Michaelmas and Lent Terms)

Other lectures which students might like to attend are:

Gv106 **French Political Thought**

Gv108 **Individual and Society in some Modern Political Thinkers**

Gv110 **The Political Thought of Hegel and Marx.**

Written Work: Students will be expected to write 2 or 3 essays/class papers in the second year and two essays/class papers in the third year. They will also be expected to prepare material for class discussions and to read background material related to the class discussions.

Reading List: Students will be expected to read some of the texts in the period as well as survey books on the general thought of the period. Reading lists will be given on detailed topics in the classes and also in conjunction with the lectures. Students should expect to read widely in this subject, the course cannot be covered or even defined by a single textbook.

Three books which set out in a fairly general way the character of the course are:

E. Barker, *English Political Thought 1848-1914*; J. Bowle, *Politics and Opinion in the 19th c.*; L. W. Lancaster, *Masters of Political Thought* Vol. 3.

Examination Arrangements: There is a three-hour formal examination in the Summer Term at the end of the third year. About 14 questions are set of which four are to be answered. The questions are set so as to test the students' knowledge and understanding of the political ideas of the period, and reflect the different modes of study adopted in the lectures and classes.

Gv3130

Political Thought (A Selected Text): Plato

Teacher Responsible: Dr. J. B.
Morrall, Room K205 (Secretary,
K105)

Course Intended Primarily for B.Sc. (Econ.)
Part II Government; Government and
History, 3rd year.

Scope: The objective of the course is to study in depth the text of Plato's *Republic* with special reference to the light it sheds on the problems of the Greek political community as Plato saw them.

Syllabus: This will concentrate mainly on an understanding of the sequential development of Plato's argument throughout the dialogue.

Pre-Requisites: A general acquaintance with the outline of Greek political philosophy and a close acquaintance with the text. No knowledge of Classical Greek is required.

Teaching Arrangements: Dr. Morrall will conduct an informal lecture-class (Gv105) once a week in Michaelmas and Lent Terms. Attendance at this is compulsory and will be checked by the calling of a class register at each meeting.

Written Work: Usually each student is required to produce one fairly long essay each term. It is marked and graded by Dr. Morrall.

Methods of Work: A considerable amount of private reading will be necessary. For this purpose a comprehensive reading list will be distributed.

Reading List: *T. M. Cornford, (edited and translated), *The Republic of Plato*, (recommended edition of the text); *R. W. Hall, *Plato*, (Allen & Unwin "Political Thinkers" series); J. Annas, *An Introduction to Plato's Republic*; R. W. Nettlehip, *Lectures on Plato's Republic*; A. Sesonske, *Plato's Republic* (an anthology of selections from modern scholarly interpretations).

*indicates books which should be bought by the student.

Examination Arrangements: The examination takes place in the Summer Term and consists of one paper of three hours. Students will be asked to attempt four questions from a choice of about ten. All the questions will deal with topics discussed in the *Republic*. Knowledge of the Platonic dialogues is not necessary, though it would clearly be helpful. Students are advised to consult examination papers for previous years (available in the Library) to familiarise themselves with the style of the paper and the type of questions asked.

Other Relevant Lectures: Dr. Morrall's lectures in the course, **An Introduction to Political**

Philosophy: the Greeks may be of interest to students who may not already have attended them.

Gv3131

Political Thought (A Selected Text): Aristotle

Teacher Responsible: Dr. J. B.
Morrall, Room K205 (Secretary,
K105)

Course Intended Primarily for B.Sc. (Econ.)
Part II, Part II Government; Government and
History, both 3rd year.

Scope: The objective of the course is to study in depth the text of Aristotle's *Politics* with special reference to the light it sheds on the problems of the Greek political community as Aristotle saw them.

Syllabus: This will concentrate mainly on an understanding of Aristotle's objectives and methods in dealing with political themes and problems.

Pre-Requisites: A general acquaintance with the outline of Greek political philosophy and a close acquaintance with the text. No knowledge of Classical Greek is required.

Teaching Arrangements: Dr. Morrall will conduct an informal lecture-class (Gv105) once a week in Michaelmas and Lent Terms. Attendance at this is compulsory and will be checked by the calling of a class register at each meeting.

Written Work: Usually each student is required to produce one fairly long essay each term. It is marked and graded by Dr. Morrall.

Methods of Work: A considerable amount of private reading will be necessary. A reading list will be issued.

Reading List: *T. M. Sinclair, *The Politics of Aristotle*, (Penguin Classics), (revised by T. Saunders). It is essential to get this revised edition and not the earlier version by Sinclair;

D. Ross, *The Nicomachean Ethics of Aristotle*, (World's Classics series, now available in Oxford University Press paperback); E. Barker, *The Politics of Aristotle*, (for the detailed "Introduction"); *J. B. Morrall, *Aristotle*, (Allen & Unwin "Political Thinkers" series); *R. G. Mulgan, *Aristotle's Political Theory* (Oxford University Press paperback).

*indicates books which should be bought by the student.

Examination Arrangements: The examination takes place in the Summer Term and consists of one paper of three hours. Students will be asked to attempt four questions from a choice of about ten. All the questions will deal with

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topics discussed in the *Politics*. An acquaintance with Aristotle's *Ethics* would be helpful for purposes of comparison. Students are advised to consult examination papers for previous years (available in the Library) to familiarise themselves with the style of the paper and the type of questions asked.

Other Relevant Lectures: Dr. Morrall's lectures in the course, **An Introduction to Political Philosophy: the Greeks**, may be of interest to students who have not already attended them.

Gv3133
Gv4013

**Political Thought
(A Selected Text): Machiavelli**

Teacher Responsible: Mr. K. R. Minogue, Room A387 (Secretary, Mrs. A. Kennedy, L300)

Course Intended Primarily for B.Sc. (Econ.) Part II Government; Government and History, 3rd year.

Scope: Machiavelli's political writings to be studied in depth in relation to their Renaissance context and the development of the modern state.

Syllabus: The central requirement of the course is a thorough familiarity with Machiavelli's *Prince* and *Discourses on the First Ten Books of Livy*. The student should be aware that these texts are translated, with consequent problems of meaning. Some familiarity with other political works of Machiavelli – such as *The Art of War*, and *The History of Florence*, would be deeply beneficial.

Pre-Requisites: Some acquaintance with the development of political thought.

Teaching Arrangements: Twenty one-hour seminars (Gv105) weekly in the Michaelmas and Lent Terms, attendance at the seminars is compulsory.

Written Work: Each student should expect to do about four essays for the course.

Reading List: The texts are: *The Prince* and *Discourses on the First Ten Books of Titus Livius*. The Modern Library Edition includes both, is conveniently available, and is sometimes the edition referred to in scholarly articles. Robert Ridolfi, *The Life of Niccolo Machiavelli*; J. R. Hale, *Machiavelli and Renaissance Italy*; Jacob Burckhardt, *The Civilization of the Renaissance in Italy*; F. E. Jacob (Ed.), *Italian Renaissance Studies*; Federico Chabod, *Machiavelli and the*

Renaissance; Sydney Anglo, *Machiavelli: A Dissection*; Herbert Butterfield, *The Statecraft of Machiavelli*; Leo Strauss, *Thoughts on Machiavelli*; Giuseppe Prezzolini, *Machiavelli*; De Lamar Jensen (Ed.), *Machiavelli: Cynic, Patriot, or Political Scientist*; Quentin Skinner, *Machiavelli*; K. R. Minogue, 'Theatricality and Politics: Machiavelli's Concept of Fantasia' in Bhikku Parekh & R. N. Berki (Eds.), *The Morality of Politics*; Robert J. McShea, 'Leo Strauss on Machiavelli' (*The Western Political Quarterly*, Vol. XVI, 1963); Dante Germino, 'Second Thoughts on Leo Strauss' Machiavelli' (*The Journal of Politics*, Vol. 29, November 1966).

Examination Arrangements: The examination in the Summer Term consists of one three-hour paper. Four questions must be attempted from a choice of about ten.

Gv3134
Gv4014

**Political Thought
(A Selected Text): Hobbes**

Teacher Responsible: Dr. R. Orr, Room L100 (Secretary, Mrs. P. da Gama Pinto, L103)

Course Intended Primarily for B.Sc. (Econ.) Part II, 3rd year; M.Sc. (The History of Political Thought); M.Sc. (Political Philosophy)

Scope: Close reading and exegesis of key passages plus sustained interpretation of chief arguments in Thomas Hobbes's *Leviathan*, together with a contextual understanding and critical analysis (as well as a present-day assessment) of the main concepts employed. Knowledge of the texts of Parts I and II of *Leviathan* plus the Review and Conclusion, is essential. Though all the emphasis will be on Hobbes's political doctrines, the theological framework of his philosophical system has to be taken into account throughout.

Syllabus: Natural right and endeavour. Power and Liberty. The justness of natural right and the maximum and minimum of natural liberty. Right and good. Mechanism and the search for causes. The passions and reason. The state of nature. Men's equality. The condition of war. Hobbes's views on Liberty. Necessity, impediment, compulsion, and obligation. Deliberation and Freedom. Voluntary action and freedom. The question of the consistency of Hobbes's doctrine of freedom. Freedom and determinism.

Will and consent. Covenanting. The voluntary

renunciation of right. Obligation dependent on such a voluntary renunciation of right. Morality and logic. Hobbes's theism and the observance of natural law. Divine commands. Endeavouring to be obliged and being obliged to endeavour. The basis of Hobbes's concept of obligation. Authorisation. The mechanics of the political contract. The rights of sovereignty. Commonwealth by institution and acquisition. Absolute and arbitrary legislative power. Liberty of subjects. Injury and injustice. Punishment. Law. The dissolution of the commonwealth.

Pre-Requisites: Nil

Teaching Arrangements: Two classes per week, each 1 hour, (course Gv105) beginning during the Michaelmas Term. Attendance compulsory.

Written Work: One essay to be read and marked by class teacher, plus one essay per student per term presented to and discussed by the class. Essay length: 1,800-2,000 words.

Reading List: Hobbes, *Leviathan*, Parts I and II, plus the Review and Conclusion. Any (cheap or paperback) edition will do. A copy of the book to be brought to each class meeting; R. S. Peters, *Hobbes* (Penguin edn.), (good on life and times and general philosophical background); J. W. N. Watkins, *Hobbes's System of Ideas* (solid account of Hobbes's general philosophical doctrine); W. von Leyden, *Hobbes and Locke: The Politics of Freedom and Obligation*, chs. 1-3; Brian Barry, 'Warrender and his Critics', *Philosophy*, Vol. 42, April 1868. Repr. in *Hobbes and Rousseau*, Ed. M. Cranston and R. S. Peters, (Anchor paperback). This article is indispensable. There are other interesting papers on Hobbes in the Cranston-and-Peters vol.; D. D. Raphael, *Hobbes, Morals and Politics*, (contains good accounts of the Hobbes literature of the last 50 years); J. Plamenatz, *Man and Society*, Vol. I, chapter on Hobbes (sound); H. Warrender, *The Political Philosophy of Hobbes: His Theory of Obligation*. To be used only with reference to particular topics mentioned in the index. Valuable but not generally accepted interpretation; F. C. Hood, *The Divine Politics of Thomas Hobbes*. Too much emphasis on Hobbes's theology in relation to his political theory; C. B. Macpherson, *The Political Theory of Possessive Individualism: Hobbes to Locke*, (controversial); L. Strauss, *Natural Rights and History*, (controversial on Hobbes); M. Oakeshott, *Hobbes on Civil Association*.
Supplementary Reading List: M. M. Goldsmith, *Hobbes's Science of Politics*; F. S. McNeilly, *The Anatomy of Leviathan*; D. P. Gauthier, *The Logic of Leviathan*; K. C. Brown (Ed.), *Hobbes Studies*; M. Oakeshott,

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Introduction to his edition of *Leviathan*. (Blackwells).

Books mentioned under this heading only to be used for the preparation of essays.

Examination Arrangements: For B.Sc. (Econ.), Part II, final year students, written exam paper in June, three hours, four questions out of ten to be answered. For M.Sc. candidates in the History of Political Thought and in Political Philosophy, written exam paper in September, three hours, three questions out of nine to be answered.

Gv3135
Gv4015

**Political Thought
(A Selected Text): Rousseau**

Teacher Responsible: Mr. J. Charvet, Room K207 (Secretary, Mrs. P. da Gama Pinto, L307)

Course Intended Primarily for B.Sc. Econ. Part II, Special Subject IX Government, 3rd year.

Scope: The course is a detailed study of three works by Rousseau in the field of Political Thought: *Discourse of the Arts and Sciences*, *Discourse on the Origins of Inequality* and *The Social Contract*.

Syllabus:

(1) **Discourse on Arts and Science:** The connection between the flourishing of the arts and sciences and the corruption of society; the cause of this corruption; the role of inequality and dependence between men.

(2) **Discourse on the Origins of Inequality:** The original state of nature as one of independence, natural goodness and equality; the emergence of social relations and first beginnings of corruption; the development of private property and inequality; the creation of political society and oppression.

(3) **The Social Contract:** The basis of a just political society in a contract between free and equal men; the terms of the contract; the subordination of the private will to the general will; the realisation of value of freedom and equality; the place of the law; the lawgiver; the executive; civil religion.

Pre-Requisites: The paper is appropriate for students who have a background in the history of political thought or in political philosophy.

Teaching Arrangements: The course will consist of 20 weekly classes (Gv105) in the Michaelmas and Lent Terms (teacher: J. Charvet).

Written Work: The student will be expected to write 4 essays for the course, and otherwise will be expected to introduce and participate in class discussions.

Reading List: Students must acquire copies of the 3 texts.

Rousseau, *The Social Contract and Discourses*, (trs. G. Cole revised by Brumfitt and Hall), Everyman Library; Rousseau, *The Social Contract*, (trs. M. Cranston), Penguin.

Additional Reading: N. Hampson, *The Enlightenment*; J. Charvet, *The Social Problem in the Philosophy of Rousseau*; J. C. Hall, *Rousseau: an Introduction to his Political Philosophy*; J. Shklar, *Men and Citizens*.

Examination Arrangements: The examination takes place in the Summer Term and consists of a single formal and unseen 3 hour paper of around 10 questions of which students are expected to answer 4.

Gv3136
Gv4016

Political Thought (Texts) (g) Hegel

Teacher Responsible: Professor E. Kedourie, Room A150 (Secretary, K105)

Course Intended Primarily for B.Sc. (Econ.) Part II students, 2nd or 3rd year.

Scope: The purpose of the course is to enable students to acquire a precise and detailed knowledge of Hegel's *Philosophy of Right*. The paper is designed primarily for those B.Sc. (Econ.) students who specialize in Government. Other Part II students with an interest in the history of political thought, or in political philosophy can also take this paper. Graduate students having the same interest may find the teaching for this paper profitable.

The work consists of a critical reading of, and commentary on, Hegel's *Philosophy of Right*. The work is done in twenty one-hour classes (Gv105) in the Michaelmas and Lent Terms. It is a co-operative enterprise between teachers and students.

Every student should have a copy of Hegel's *Philosophy of Right*, trs. T. M. Knox (Oxford University Press). A paperback edition is available.

Reading List: The following are a useful introduction to Hegel's thought: Edward Caird, *Hegel*; Walter Kaufman, *Hegel*.

Examination Arrangements: There is a formal three-hour unseen paper in the Summer Term

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in which students are required to answer four from about eight to ten questions. (The M.Sc. students have a paper set in the same form in September.)

Gv3137
Gv4017

Political Thought: (A Selected Text): J. S. Mill **Teacher Responsible:** Mr. E. Thorp, Room K305 (Secretary, Mrs. M. Osborne, K105)

Course Intended Primarily for B.Sc. (Econ.) Part II Third Year

Scope: The aim of this course is to engage students in the detailed and exact study of the central political ideas of a significant political philosopher.

Syllabus: The following works will be studied in close detail:

1. *A System of Logic Book VI The Logic of the Moral Sciences*
2. *Utilitarianism*
3. *On Liberty*
4. *Considerations on Representative Government*

(Students should buy personal copies of these works. 2, 3, 4 are available in one volume in the Everyman Library. Book VI of the *Logic* is available separately in (1) Bobbs-Merrill Library of Liberal Arts; (2) R. Fletcher (Ed.), *John Stuart Mill* (The Making of Sociology, Series); (3) Older versions of the complete *System of Logic* which are often to be found quite cheaply in secondhand bookshops). (Other of J. S. Mill's works will be prescribed for reading to provide a context for these works).

Pre-Requisites: It is presumed that students are already following **Political Thought**.

Teaching Arrangements: Twenty to twenty-five classes (Gv105) in the third year. A weekly class for two terms (Michaelmas and Lent Terms) and usually some additional classes at the beginning of the Summer Term. Some of these classes, or parts of classes, are devoted to exposition of the text by the teacher but the main aim of the study is to engage students in an independent study of the text, which is to be achieved only by a cooperative and sustained effort by all the members of the class.

Reading List:

General Introductory Works

K. Britton, *J. S. Mill*; R. P. Anschutz, *The Philosophy of J. S. Mill*; Alan Ryan, *The Philosophy of J. S. Mill*; A. Bain, *J. S. Mill: A Criticism*.

A Selection of Modern Critical Studies

J. B. Schneewind (Ed.), *Mill: a collection of critical essays*.

Examination Arrangements: There is a formal three-hour unseen paper in the Summer Term in which students are required to answer four from about eight to ten questions. The questions are designed to test students' knowledge and understanding of the text, their capacity to handle the arguments which arise in it and the critical discussions which have centred around it. Students should aim at gaining a knowledge of all of these texts and should not be pre-emptively selective.

Gv3138
Gv4018

Political Thought (A Selected Text): Locke **Teacher Responsible:** Professor M. W. Cranston, Room L104 (Secretary, Mrs. P. da Gama Pinto, L103)

Course Intended Primarily for B.Sc. (Econ.) Part II 3rd year; M.Sc. (The History of Political Thought); M.Sc. (Political Philosophy).

Scope: Exegesis of key passages and critical interpretation of chief arguments in John Locke's *Second Treatise of Government*, together with a contextual understanding and close analysis (as well as a present-day appraisal) of the main concepts employed.

Syllabus: Natural law and the right to private ownership; issues concerning the use of money. The state of nature and the right of punishment. Three requisites of political life. The judicial power.

Free consent, trust, and the limits of the legislature. Law and civil liberty. Prerogative. Umpirage, supremacy, and the principle of "floating" sovereignty. Majority-rule.

Force. Obligation and consent (express or tacit). State of anarchy. Abuse of political authority. Dissolution of government "from within" (Passive and active). *The state of war and a state of war*. Rebellion and the right of popular resistance. On justifying individual freedom and state authority, lawful government and popular control. Arguments against arbitrary, absolute power.

Pre-Requisites: Nil.

Teaching Arrangements: One weekly, 1-hour class (course Gv105) beginning first week of Michaelmas Term through to Easter. Continued during Summer term for graduates only. Attendance compulsory.

Written Work: One essay per term to be read

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and marked by class teacher, plus one essay per student per term presented to and discussed by the class. Essay length: 1,800-2,000 words. Emphasis on student participation in class, in the form of critical observations and raising of questions.

Reading List: Locke, *Second Treatise of Government*, Ed., P. Laslett, Mentor paperback, or J. Gough's edn., Blackwell, or any other cheap edn. A copy of the book to be brought to each class meeting; Locke, *Essays on the Laws of Nature*, Ed., W. von Leyden, Oxford, Introduction, sect. VI, and Essays I-V; M. Cranston, *John Locke, A Biography* (for life and times; also for general philosophical background); W. von Leyden, *Hobbes and Locke, The Politics of Freedom and Obligation*, chs. 4-6; J. Gough, *Locke's Political Philosophy*, chapter on Trust (good); R. I. Aaron, *John Locke*, 3rd edn., chapter on political philosophy (sound); D. J. O'Connor, *John Locke*, Pelican edn., chapter on political philosophy (solid); J. D. Mabbott, *John Locke* chapter on ethics and political philosophy (reliable); M. Seliger, *The Liberal Politics of John Locke*, and G. Parry, *John Locke*, both to be used only for reference to particular topics mentioned in Index; L. Strauss, *Natural Right and History*, chapter on Locke (controversial); J. Plamenatz, *Man and Society*, Vol. 1, chapter on Locke.

Supplementary Reading List: J. Tully, *A Discourse on Property, John Locke and his Adversaries*; J. P. Day, "Locke on Property", *Philosophical Quarterly*, Vol. XVI, 1966, 207-20; K. Olivecrona, 'Locke's Theory of Appropriation', *Philosophical Quarterly*, Vol. XXIV, 220-34; J. Dunn, "Consent in the Political Theory of John Locke", *The Historical Journal*, Vol. X, 1967, 153-82; H. Pitkin, "Obligation and Consent", *American Political Science Review* Vol. LIX, 1965, 990-9 and Vol. LX, 1966, 39-52; W. von Leyden, "John Locke and Natural Law", *Philosophy*, Vol. XXXI, 1956, 23-25.

Examination Arrangements: For B.Sc. (Econ.), Part II final year students, written exam paper in June, three hours, four questions out of ten to be answered. For M.Sc. candidates in the History of Political Thought and in Political Philosophy, written exam paper in September, three hours, three questions out of nine to be answered.

Gv3150 History of Political Ideas

Teacher Responsible: Mr. E. Thorp,
Room K305 (Secretary, Mrs. M.
Osborne, K105)

Course Intended Primarily for B.A. History
students, paper C1.

Scope: The course aims to introduce students
to the main currents of political ideas from
Ancient Greece to the modern West.

Syllabus: Students should consult 'the White
Book' and the general description given in the
study guide for Course Gv102 Political
Thought.

Teaching Arrangements: The basic teaching for
this subject, History of Political Ideas, is
provided by the Government Department. It
consists of:

(a) A general course of twenty lectures
(Gv102) Political Thought* which students
should attend in their second year. This
covers the general political thought of Greece
and Rome, the Medieval World, Modern
Times. Students should refer to the study
guide for this course.

(b) Fortnightly classes (Gv102a and b) for
four terms which begin in the Lent Term in
the second year and continue until the Lent
Term in the third year. (About 18 classes
altogether). The classes tend to concentrate on
the study of texts, and concepts.

If sufficient B.A. History students take this
subject to constitute a viable class then a
special class is held for them, otherwise they
are expected to join one of the B.Sc. (Econ.)
Political Thought classes. If a special class can
be held then it will meet in the Lent and
Summer Terms of the second year and the
Michaelmas Term of the third year; thus the
basic teaching will be completed by Christmas
in the third year.

In addition to this basic teaching students
may be interested in attending other courses
of lectures held at the School or University.
(Those numbered 1-4 might be more
appropriately attended in the third year; No. 5
could be attended in either the second or third
years.)

*1. Gv100 An Introduction to Political
Thought: The Greeks

2. Gv104 Three Key Medieval Political
Thinkers

3. Hy102 The History of European Ideas

4. Gv109 Modern Political Thought

5. Senate House Lecture Course on
European Political Ideas. Mondays, 11.00 a.m.,
Sessional.

It should be clearly understood by students
proposing to take this subject that it is a

study that needs a steady and sustained
approach to enable students to become
familiar with the various concepts and
different modes of thought that are involved
in it. Furthermore regular attendance at class
discussion is required so that students develop
facility in handling ideas. It is for these
reasons that the teaching for this subject is
spread over a longer period than is usual for
B.A. History subjects and students must be
prepared to fit into this different regimen of
work.

Students who are thinking of taking this
subject should see the Teacher Responsible
towards the end of their first year, or at the
latest, October in their second year, to discuss
the teaching arrangements for the subject and
to receive advice on preliminary study.

Examination Arrangements: A three-hour
paper at the end of the third year, requiring
four questions to be attempted. The paper is
divided into two sections, and at least one
question out of each section must be
answered. The first section will consist of
questions on the starred texts (see 'White
Book'); the second, of questions of a broad
contextual character.

N.B. Course numbers may vary slightly from
year to year.

Gv4000
Gv4001

History of Political Thought (Seminar)

Teacher Responsible: Professor E.
Kedourie, Room A150 (Secretary,
K105)

The Seminar is Intended Primarily for those
taking the one-year M.Sc. History of Political
Thought. Other graduate students may attend
by permission.

Scope: This is a graduate seminar (Gv200)
which meets once a week throughout the
session in which the topics connected with
Papers 1, 2 and 4 of the one-year M.Sc.
(Econ.) History of Political Thought are
discussed. In the seminar papers by both staff
and students are read and discussed.

Syllabus:

1. Nature and scope of intellectual history
History as a mode of thought. The nature of
historical understanding. The emergence,
character and organising ideas of a history of
thought. Beliefs, conduct and events.

2. Critical Problems in the history of political
thought

Politics and the political.

Varieties of political utterance and discourse;
practical, 'scientific', historical, philosophical.

'Political theory'.

Problems of historical understanding and
interpretation illustrated from general and
special histories of political thought and
histories of specific political ideas.

Reading List: Lists of suggested reading are
too lengthy to reproduce here. They will be
circulated at the first meeting of the seminar.
Copies may also be obtained from the
Secretary of the Department of Government,
Miss E. Schnadhorst, Room K206.

Examination Arrangements: Examinations take
place during the first week of September and
results are published towards the end of the
same month or at the beginning of October.

Gv4005

Greek Political Philosophy: The Concept of Justice

Teacher Responsible: Dr. F. Rosen,
Room L101 (Secretary, Mrs. P. da
Gama Pinto, L103)

Course Intended Primarily for M.Sc. Politics 9
Scope: The course is intended to explore, both
historically and analytically, the theme of
justice and related issues in Greek political
philosophy.

Syllabus: The course will be concerned with
the following themes: the trial and death of
Socrates; the Socratic paradoxes; the Sophists;
nature and convention; the concept of *techné*;
punishment; freedom; myth; virtue; friendship
(*philia*); law and justice; equality; and
constitutions.

Teaching Arrangements: 15 fortnightly 2 hour
seminars (Gv203) throughout the session.

Written Work: Students will be expected to
write 4 essays for the seminar which will be
discussed in individual tutorials.

Reading List: Plato, *Apology of Socrates*,
Crito, *Protagoras*, *Gorgias*, *Republic*, *Laws*;
Aristotle, *Nicomachean Ethics*; *Politics*.

Examination Arrangements: The examination
will take place in early September and will
consist of a formal and unseen 3 hour paper.
The paper will contain around ten questions
of which students will be required to answer
3.

Gv4006

Modern Political Philosophy: Freedom and Equality

Teacher Responsible: Mr. J. Charvet,
Room K207 (Secretary, Mrs. P. Da
Gama Pinto, L103).

Course Intended Primarily for M.Sc. Politics 9.
Scope: The course is intended to explore
substantive problems of modern political
philosophy focussing on ideas of freedom and
equality.

Syllabus: The course will be concerned with
the following themes: the meaning and
possibility of freedom; the meaning and
justification of equality; the relation and
opposition of freedom and equality;
substantive theories of justice governed by
principles of freedom and equality — those of
Rawls, Nozick and Egalitarian theories; the
individualist nature of theories of freedom
and equality; utilitarianism; anti-individualist
theories — Hegel and Marx.

Teaching Arrangements: 15 fortnightly 2 hour
seminars throughout the session.

Written Work: Students will be expected to
write 4 essays for the seminar which will be
discussed in individual tutorials.

Reading List: Sir I. Berlin, *Two Concepts of
Liberty*; J. Charvet, *A Critique of Freedom and
Equality*; R. Nozick, *Anarchy, State and
Utopia*; J. Rawls, *A Theory of Justice*; J.
Feinberg, *Rights, Justice and the Bounds of
Liberty*.

Examination Arrangements: The examination
will take place in early September and will
consist of a formal and unseen 3 hour paper.
The paper will contain around 10 questions of
which students will be required to answer 3.

Gv4013 see Gv3133

Gv4014 see Gv3134

Gv4015 see Gv3135

Gv4016 see Gv3136

Gv4017 see Gv3137

Gv4018 see Gv3138

Political Thought (A Selected Text)

Teacher Responsible: Mr. J. Charvet,
Room K207 (Secretary, Mrs. P. Da
Gama Pinto, L103)

Course Intended Primarily for M.Sc. Politics 9
Scope: Students will be required to choose one
of the following authors and study in detail
one or more major works by them:

Machiavelli (Gv4013), Hobbes (Gv4014), Locke (Gv4018), Rousseau (Gv4015), Hegel (Gv4016), J. S. Mill (Gv4017).

Syllabus: For the syllabus for individual authors together with reading lists and teaching arrangements see Study Guides Gv3133-3138.

Examination Arrangements: The examination will take place in early September and will consist of a 3 hour paper on the selected texts of the chosen author. The paper will contain around 10 questions of which students will be required to answer 3.

Gv4025

The State in the United Kingdom
Teacher Responsible: Dr. R. Barker, Room K201 (Secretary, K105)

Course Intended Primarily for M.Sc.

Scope: The aim of the course is to familiarise students with the principal views and interpretations of the state, and with the usefulness of those views in understanding the politics and government of the United Kingdom.

Syllabus: The growth, structure, character and powers of the modern state in the U.K., and of the various theories which seek to account for or explain these.

The growth of the modern state, and of its economic responsibilities and social services. Marxism, pluralism, and theories of autonomous government.

Legitimacy and coercion; the occupation of governing; the institutions of government.

Pre-Requisites: None. Students come to this course from a variety of backgrounds in the social sciences.

Teaching Arrangements: 5 2-hour seminars (Gv206) in each of the 3 terms. Students specialising in the U.K. M.Sc. option will be allocated a personal tutor who will co-ordinate their studies in general, and who will be initially responsible for advice about the dissertation. The State in the U.K. seminars will be taught by Dr. R. Barker; Mr. A. J. L. Barnes (Room K309) and Mr. A. J. Beattie (Room L102) will also act as personal supervisors.

Written Work: Students will normally write two papers per term.

Reading List: (A full reading list and seminar programme will be issued at the beginning of the course.)

Hugh Hecló, *Modern Social Politics in Britain and Sweden*; James O'Connor, *The Fiscal*

Crisis of the State; Ralph Miliband, *The State in Capitalist Society*; C. E. Lindblom, *Politics and Markets*; Gianfranco Poggi, *The Development of the Modern State*; Richard Rose, *Governing without Consensus*; P. Stanworth & A. Giddens (Eds.), *Elites and Power in British Society*; Hugh Hecló & Aaron Wildavsky, *The Private Government of Public Money*; Tony Bunyan, *The Political Police in Britain*; Bob Jessop, *The Capitalist State*.

Examination Arrangements: A three-hour formal examination in September. The number of questions varies from 8 to 12; students must attempt 3.

Gv4026

Interpretations of the Constitution

Teacher Responsible: Mr. A. J.

Beattie, Room L102 (Secretary, Mrs. P. da Gama Pinto, L103)

Course Intended Primarily for M.Sc.

Scope: The aim of the course is to introduce students to a particular kind of political thinking, concerned with the distribution of authority between British political institutions rather than with substantive policy questions.

Syllabus:

1. The status of constitutional thinking, and its relation to other kinds of political discourse;

2. The history of constitutional thought in Britain, from 1660 to the present day. This will be studied through individual texts (e.g. Hume's *Essays*, Dicey's *Law of the Constitution*, etc.) and through the examination of a number of established themes (the separation of powers, the rule of law, representation, party government, etc.)

Pre-Requisites: None. Students wholly unfamiliar with British politics and British constitutional history will be expected to undertake initial, directed reading.

Teaching Arrangements: Gv175 **British Constitutional Ideas since the 1880s**, 25 lectures, Sessional and 5 2-hour seminars (Gv206) in each of the 3 terms. Students specialising in the U.K. M.Sc. option will be allocated a personal tutor who will co-ordinate their studies in general, and who will be initially responsible for advice about the dissertation. The 'Interpretations' seminars will be taught by A. J. Beattie; Mr. A. J. L. Barnes (Room K309) and Dr. R. S. Barker (K201) will also act as personal supervisors.

Written Work: Students will normally present an average of 2 seminar papers per term.

These papers will be photocopied and circulated before each seminar meeting. In addition, each student will present to Mr. Beattie a minimum of 2 essays per term.

Reading List: (A full reading list and seminar programme will be issued at the beginning of the course.)
M. J. C. Vile, *Constitutionalism and the Separation of Powers*; J. C. Rees, *Interpreting the Constitution*; G. Marshall, *Constitutional Theory*; A. H. Birch, *Representative and Responsible Government*. S. H. Beer, *Modern British Politics*; H. L. A. Hart, *The Concept of Law*.

Examination Arrangements: A three-hour formal examination in September. The paper will have approximately 15 questions; students must attempt 3.

Gv4027

The History of British Politics in the 20th Century

Teacher Responsible: Mr. A. J.

Beattie, Room L102 (Secretary, Mrs. P. da Gama Pinto, L103)

Course Intended Primarily for M.Sc.

Scope: The aim of the course is to engage students in the detailed study of 20th century British political events and the politicians associated with them, and to achieve an understanding of the character and problems of historical enquiry in this period.

Syllabus:

1. The study of the events of British politics since the 1890s, with special emphasis on the ambitions, purposes and the ideas of the politicians involved, and the institutional context within which they acted.

2. Students will be examined on the assumption that in addition to a knowledge of the period as a whole, they will have specialised further in one of the following periods: 1900-1916; 1916-1922; 1922-1931; 1931-1940; Post-1940.

3. The nature of the historical debates about British politics in the 20th Century. This historiographical study will be undertaken through a study of individual historical works (e.g. Cowling, *The Impact of Hitler*) and of the way in which historians have treated particular themes (e.g. party history, the history of foreign policy, biographical studies, etc.)

Pre-Requisites: None. All students will benefit

from attending the lecture course Gv152, and this course should be regarded as essential for students who are wholly unfamiliar with modern British History.

Teaching Arrangements: 5 2-hour seminars (Gv206) in each of the 3 terms. Students specialising in the U.K. M.Sc. option will be allocated a personal tutor who will co-ordinate their studies in general, and who will be initially responsible for advice about the dissertation. The history of Politics seminars will be taught by Mr. Beattie and Mr. A. J. L. Barnes (Room K309), and Dr. R. Barker (Room K201) will also act as a personal supervisor.

Written Work: Students will normally present an average of 2 seminar papers per term.

These papers will be photocopied and circulated before each seminar meeting. In addition, each student will present to a specified seminar teacher a minimum of 2 essays per term. These essays will normally be within the special period chosen by the student.

Reading List: (A full, annotated reading list and seminar programme will be issued at the beginning of the course.)

A. Havighurst, *Britain in Transition*; M. Cowling, *The Impact of Labour*; K. Middlemas & J. Barnes, *Baldwin*; P. Addison, *The Road to 1945*; R. Bassett, *1931: Political Crisis*; J. Ramsden, *The Age of Balfour and Baldwin*.

Examination Arrangements: A three-hour formal examination in September. The paper will be divided into 2 sections. Section A will consist of approximately 6 historiographical questions; Section B will have approximately 24 questions, designed to test knowledge of the candidates' chosen special period. Candidates must answer 3 questions in all, of which at least one must be taken from Section A, and at least one from Section B.

Gv4028

Modern British Political Ideas
Teacher Responsible: Dr. R. Barker,
Room K201 (Secretary,
K105)

Course Intended Primarily for M.Sc.

Scope: The aim of the course is to familiarise students with the principal political arguments that have occurred in the United Kingdom over the last hundred years.

Syllabus: Politics, political ideas, and political argument; argument over the rise of the modern state in the United Kingdom - liberalism, socialism, conservatism. The various forms of pluralism.

The debate over citizenship and over the composition of political society: nationalism, feminism, populism.

The development of arguments over the state and over citizenship in the second half of the present century.

Pre-Requisites: None. Students come to this course from a variety of backgrounds in the social sciences.

Teaching Arrangements: 5 2-hour seminars (Gv206) in each of the 3 terms. Students specialising in the U.K. M.Sc. option will be allocated a personal tutor who will co-ordinate their studies in general, and who will be initially responsible for advice about the dissertation.

The Political Ideas seminars will be taught by Dr. R. Barker.

Mr. A. J. L. Barnes (Room K309) and Mr. A. J. Beattie (Room L102) will also act as personal supervisors.

Written Work: Students will normally write two papers per term.

Reading List: (A full reading list and seminar programme will be issued at the beginning of the course.)

Rodney Barker, *Political Ideas in Modern Britain*; Raymond Williams, *Culture and Society 1780-1950*; L. T. Hobhouse, *Liberalism*; G. B. Shaw (Ed.), *Fabian Essays in Socialism*; Herbert Spencer, *The Man versus the State*; Lord Hugh Cecil, *Conservatism*; Peter Kropotkin, *Fields, Factories and Workshops*; E. P. Thompson, *William Morris: from Romantic to Revolutionary* (2nd edn., 1977); Hilaire Belloc, *The Servile State*; R. H. Tawney, *The Acquisitive Society*; George Orwell, *The Lion and the Unicorn*; Anne Oakley, *Subject Women*; C. A. R. Crosland, *The Future of Socialism*; R. M. Titmuss, *The Gift Relationship*; Michael Oakeshott, *Rationalism in Politics*; F. A. Hayek, *The Constitution of Liberty*; E. P. Thompson, *The Poverty of Theory*.

Examination Arrangements: A three-hour formal examination in September. The number of questions varies from 8 to 12; students must attempt 3.

Gv4040

Political Sociology I: Revolutions and Social Movements

Teacher Responsible: Dr. T. J. Nossiter, Room K308 (Secretary, K105)

Course Intended Primarily for students registered for the M.Sc. Political Sociology but open to students on other MSc courses with the approval of students' supervisors and Dr Nossiter, and research students in related fields on the same basis.

Scope: A critical assessment of attempts to explain profound political change including revolutions, state formation and nation-building through a confrontation of theories, models and approaches with evidence relating to particular cases.

Syllabus: "Natural history", functionalist and Marxist theories of revolution; nation-building, nationalism and state formation processes; theories of imperialism, dependency and underdevelopment; millenarian and other types of social movements; the peasant, working class, religious, nationalist and other factors in particular cases of revolutionary and non-revolutionary change. The range of cases treated will depend in part on the background and interests of the members of the seminar.

Teaching Arrangements: Twenty two-hour seminars (Michaelmas Term). Students are also assigned an individual supervisor. Teaching occurs in connection with papers written by the students and circulated prior to the meeting of the seminar. There are no compulsory lectures but many courses of (and individual) lectures given within the Department and elsewhere in the School are germane. Advice is given in relation to individual needs and interests at the beginning of the course.

Introductory Reading List: Detailed reading lists will be made available at the commencement of the course or earlier on request. P. T. Bauer, *Dissent on Development* (1976); J. Barrington Moore, *Social Origins of Dictatorship and Democracy* (1969); A. Brewer, *Marxist Theories of Imperialism* (1980); C. Brinton, *Anatomy of Revolution* (1938); P.

Calvert, *Revolution* (1970); A. S. Cohen, *Theories of Revolution: An Introduction* (1975); E. Hobsbawm, *Revolutionaries* (1977); G. Ionescu & E. Gellner (Eds.), *Populism* (1969); Chalmers Johnson, *Revolutionary Change* (1968); W. Kornhauser, *The Politics of Mass Society* (1960); G. Poggi, *The Development of the Modern State* (1978); T. Skocpol, *States and Social Revolutions* (1979); N. Smelser, *Theory of Collective Behaviour* (1963); Anthony Smith, *Theories of Nationalism* (1971); B. Warren, *Imperialism* (1980); A. Westoby, *Communism since World War II* (1981); P. Wilkinson, *Social Movements* (1971); E. Wolf, *Peasant Wars of the Twentieth Century* (1971).

Examination Arrangements: One three-hour written examination in early September on the basis of the syllabus as taught in the two preceding academic sessions.

Gv4041

Political Sociology II: Political Behaviour

Teacher Responsible: Dr. T. J. Nossiter, Room K308 (Secretary, K105)

Course Intended Primarily for students registered for the M.Sc. Political Sociology but open to students on other M.Sc. courses and research students in appropriate fields with the approval of students' supervisors and Dr. Nossiter.

Scope: The course provides a critical review of research into political behaviour with particular but not exclusive reference to British and American studies.

Syllabus: The behavioural approach and its critics; surveys and the study of public opinion; the 'Authoritarian Personality'; political socialisation; political culture; the mass media and political communications; electoral behaviour; parties and party systems; 'Who Governs?' - the study of community power.

Teaching Arrangements: Twenty two-hour seminars (Lent term). Students are also assigned an individual supervisor. Teaching is by means of seminars based on papers prepared by students and circulated in advance of seminars. There are no compulsory lectures. Advice is given at the beginning of the course as to which optional courses within the Department or elsewhere in the School will best meet individual needs and interests. Political Sociology (So5880), Political Behaviour With Special Reference to the United Kingdom (Gv3027), Data Analysis for Political Science and Public Policy (Gv215), Media and Society: Social and Communications Policy

Issues (Sa133) are relevant.

Introductory Reading List: Detailed reading lists will be made available at the commencement of the course or earlier on request.

D. Kavanagh, *Political Science and Political Behaviour* (1983); R. E. Dowse & J. Hughes, *Political Sociology* (1973); B. Stacey, *Political Socialisation in Western Europe* (1978); G. Almond & S. Verba, *The Civic Culture* (1963); *The Civic Culture Revisited* (1980); H. Himmelweit, *How Voters Decide* (1981); B. Särilvik & I. Crewe, *Decade of Dealignment* (1983); A. Seaton & J. Curran (Eds.), *Power without Responsibility* (1981); A. May & K. Rowan, *Inside Information: British government and the media* (1982); J. G. Blumler et al. *The Challenge of Election Broadcasting* (1978); Glasgow University Media Group, *Bad News* (1976) and sequels; B. Erickson & T. Nosanchuk, *Understanding Data* (1979); F. Teer & J. Spence, *Political Opinion Polls* (1973).

Examination Arrangements: One three-hour written examination in early September on the basis of the syllabus as taught in the two preceding academic sessions.

Gv4042

Political Sociology III: Theories and Concepts of Political Sociology

Teacher Responsible: Dr T. J. Nossiter, Room K308 (Secretary, K105)

Course Intended Primarily for students registered for the M.Sc. Political Sociology but open to students on other M.Sc. courses and research students in appropriate fields with the approval of students' supervisors and Dr. Nossiter.

Scope: Whereas Political Sociology I: Revolutions and Social Movements (Gv4040) and Political Sociology II: Political Behaviour (Gv4041) include much historical and empirical material, this course deals with rival conceptualisations of the nature of the state and political life largely in logical and theoretical terms from Marx and Weber to the present. The most recent contributions to the field are evaluated.

Syllabus: Power and authority; theories of the character and role of the State and the nature of political life from Marx and Engels to the present including Weber, Elite theories, functionalism and systems theories, neo-marxism, mass society and structuralism. Because of the international character of the seminars and the variety of student backgrounds there is some flexibility in the

detailed content of this course from year to year.

Teaching Arrangements: As per Political Sociology II: Political Behaviour.

Introductory Reading List: Detailed reading lists will be made available at the commencement of the course or earlier on request.

T. Bottomore & R. Nisbet (Eds.), *A History of Sociological Analysis* (1978); L. Kolakowski, *Main Currents of Marxism* (3 vols.) (1978); S. Ehrlich, *Pluralism On and Off Course* (1983); G. Duncan (Ed.), *Democratic Theory & Practice* (1983); A. Giddens, *Profiles & Critiques in Social Theory* (1983); A. Nove, *The Economics of Feasible Socialism* (1983)
Examination Arrangements: One three-hour written examination in early September on the basis of the syllabus as taught in the two preceding academic sessions.

Gv4050

The Government and Politics of the USSR

The syllabus comprises the syllabuses for papers (3) and (4) of the M.Sc. in the Politics and Government of Russia, except that there are no set texts and no language requirement. A study guide for the Russian M.Sc. is available.

Teaching Arrangements: Students must attend all seminars for Gv4053 and Gv4054. They will benefit from attending seminars for Gv4051 and Gv4052 as well.

Examination Arrangements: Students will be examined in September in a three-hour written paper. The exam gives equal weight to the syllabus of Gv4053 and Gv4054.

Gv4051

Russian Political Institutions

Teacher Responsible: Dr Dominic Lieven, Room L202 (Secretary, Mrs Marion Osborne, K105)

Course Intended Primarily for: students doing M.Sc. Politics and Government of Russia (4A and 4B) but other qualified graduate students can attend by arrangement.

Scope: Russian politics and government 1861-1917.

Syllabus: The monarchy; central and local governmental institutions; the judiciary; the bureaucracy; liberal and revolutionary movements and parties; the reforms of Alexander II; the counter-reforms of Alexander III; the 1905 revolution; the 'constitutional experiment'; russification; the politics of economic development; domestic roots of foreign policy; war and revolution

(1914-1917).

Pre-Requisites: Candidates for M.Sc. Politics and Government of Russia (4A) need to be able to read Russian-language works on history and politics. Candidates for 4A who have inadequate knowledge of the Russian language and candidates for 4A and 4B who have little grounding in Russian/Soviet history or politics will require 2 years for the M.Sc. so that they can take appropriate qualifying exams at the end of their first year.
Teaching Arrangements: (Courses Gv165, Gv227, Gv228, LL164, So169). Gv4051 (together with Gv4052) is taught by Dr. Lieven in weekly 2 hour seminars in the autumn and the first half of the spring terms. Students normally write 3 or 4 essays per term, which are discussed in this seminar. Students should also attend a weekly seminar on Communist politics addressed by visiting specialists and organised by Mr. Reddaway, Mr. Schopflin and Dr. Lieven. They may also attend relevant lecture courses given by Mr. Reddaway, Dr. Lieven, Mr. Schopflin, and also in the departments of economics, law, history, and geography. Russian language tuition is provided by Dr. B. Johnson in classes in the language laboratory, and sometimes courses can also be attended in other parts of the university.

Reading List: H. Seton-Watson, *The Russian Empire 1861-1917*; H. Rogger, *Russia in the Age of Modernisation and Revolution 1881-1917*; R. Pipes, *Russia Under the Old Regime*; G. Hosking, *The Russian Constitutional Experiment*; E. Thaden, *Russification in the Baltic Provinces and Finland*; D. Lieven, *Russia and the Origins of the First World War*; F. Venturi, *Roots of Revolution*; J. Keep, *The Rise of Social Democracy in Russia*.

Examination Arrangements: This course is examined by a three-hour written paper in early September. The set text (knowledge of which is tested by a compulsory question requiring commentary on an extract from this text) is the fundamental Laws of the Russian Empire 1906. Candidates for 4A are given extracts in Russian, which they must also translate. Candidates for 4B are given extracts in English translation.

Gv4052

Russian Political Thought

Teacher Responsible: Dr. Dominic Lieven, Room L202 (Secretary, Mrs Marion Osborne, K105)

Course Intended Primarily for: See Gv4051
Scope: Currents in Russian political thinking and individual political thinkers from 1815 to the 1980s.

Syllabus: Slavophiles and Westerners of the 1830s and 1840s; non-marxist socialists; 'Populists'; *Pochvenniki* and conservatives; marxist thinkers; contemporary dissident thought, Herzen, Chernyshevsky, Bakunin, Lavrov, Dostoyevsky, Plekhanov, Tikhomirov, Lenin, Trotsky, Bukharin, Solzhenitsyn.
Pre-Requisites: See Gv4051.
Teaching Arrangements: See Gv4051.
Reading List: Works by the political thinkers listed above (see Syllabus). Also: F. Venturi, *Roots of Revolution*; A. Walicki, *A History of Russian Political Thought*; N. Riasanovsky, *Russia and the West in the Teaching of the Slavophiles*; R. Wortman, *The Crisis of Russian Populism*; L. Schapiro, *Rationalism and Nationalism in Russian Nineteenth-Century Political Thought*; N. Harding, *Lenin's Political Thought* (4 volumes).

Examination Arrangements: See Gv4051. The set text is chapter 5 of Lenin's *State and Revolution*.

Gv4053

The Development of the Soviet Policy

Teacher Responsible: Mr. Peter Reddaway, Room K304 (Secretary, Mrs Ann Kennedy, L300)

Course Intended Primarily for: See Gv4051
Scope: Soviet political history from 1917 until the 1980s.

Syllabus: The consolidation of Bolshevik power (November 1917-21); the rise of Stalin; collectivisation, 5 Year Plans, terror; the nature of Leninism and Stalinism; power politics 1941-1953; the rise and fall of Khrushchev; the Brezhnev era; Andropov.
Pre-Requisites: See Gv4051.

Teaching Arrangements: This course (together with Gv4054) is taught by Mr. Reddaway in weekly two hour seminars in the second half of the spring term and the summer term. For other information see Gv4051. Students taking the Soviet option for the M.Sc. in Comparative Government must attend these seminars.

513 *Government*

Reading List: L. Schapiro, *Origins of the Communist Autocracy*; L. Schapiro, *History of the Communist Party*; T. Rigby, *Lenin's Government*; R. Tucker (Ed.), *Stalinism*; G. Urban (Ed.), *Stalinism*; M. Tatu, *Power in the Kremlin*; A. H. Brown and M. Kaser (Eds.), *The Soviet Union Since the Fall of Khrushchev*; G. Breslaner, *Khrushchev and Brezhnev as Leaders*.

Examination Arrangements: See Gv4051. The set-text is the 1961 CPSU Programme, Part 2, Sections III (sub-sections 1 and 2) and VIII.

Gv4054

Soviet Political Institutions

Teacher Responsible: Mr. Peter Reddaway (Secretary, Mrs Ann Kennedy, L300)

Course Intended Primarily for: See Gv4051
Scope: Contemporary Soviet political institutions.

Syllabus: CPSU; Marxism-Leninism; Politburo; Defence Council; Central Committee; regional CP; state apparatus; Soviets; economic administration; armed forces; KGB; mass media; churches; nationalities.

Pre-Requisites: See Gv4051.

Teaching Arrangements: See Gv4053.

Reading List: M. Fainsod, *How Russia is Ruled*; M. Fainsod and J. Hough, *How the Soviet Union is Governed*; P. Frank and R. Hill, *The Soviet Communist Party*; J. Armstrong, *Ideology, Politics and Government in the Soviet Union*; J. Hough, *The Soviet Prefects*; W. Taubman, *Governing Soviet Cities*; J. Azrael, *Soviet Nationality Policies and Practices*; S. Bialer, *Stalin's Successors*.
Examination Arrangements: See Gv4053. The set-text is *The Rules of the CPSU*, 1966.

Gv4060

Politics and Government of Eastern Europe See Gv3055

Comparative Government (not available 1984-85)

Teacher Responsible: Mr. L. A. Wolf-Phillips, Room K208 (Secretary, Miss E. Schnadhorst, K206)

Course Intended Primarily for the M.Sc. (Politics) 5 in **Comparative Government**: a one-year course, which is not available in 1984-85. **Scope:** The Comparative Government course is designed to meet the needs of graduate students who require a general grounding in comparative political studies accompanied by the opportunity to concentrate on specialised areas or topics.

Syllabus: The course in **Comparative Government** is designed to meet the needs of those who can profit by a general grounding in the field of comparative political studies, accompanied by more specialised topics. Comparative Government has been at the centre of debate amongst political scientists for many years. There are those who would see the subject as no more than "the study of foreign governments" and those who would see the "scientific" study of "comparative politics" as leading to the establishment of a "General Theory of Politics". Between these extreme positions many political scientists are aware of the need constantly to explore the possibilities of improving the techniques of comparative study.

The paper **Comparative Government** is a survey of this debate and its origins. The gradual emergence of political science as an autonomous discipline is reviewed with special attention being paid to such leading contributors as Woodrow Wilson, James Bryce and J. W. Burgess. The debate of the 1950s and 1960s and the nature of the "behavioural revolution" is discussed both in general terms and through the works of prominent advocates of reform. Case studies concerned with the comparative study of constitutions, executives, legislatures,

Gv4065

and judiciaries attempt to take account of the positive results of the long methodological debate in the field of Comparative Government.

Teaching Arrangements: A two-hour seminar will be held weekly during the Michaelmas and Lent terms; individual tutorials will also be given by Mr. Wolf-Phillips throughout the session. All students will be expected to read seminar papers and submit tutorial essays throughout the session.

Reading List: Preliminary: W. J. M. Mackenzie, *Politics and Social Science*; J. Blondel, *The Discipline of Politics*; J. Blondel, *An Introduction to Comparative Government*; S. E. Finer, *Comparative Government*; S. E. Finer, *Five Constitutions*; L. Wolf-Phillips, "Metapolitics" in *Political Studies* 12(3) 1964. Supplementary: J. C. Charlesworth (Ed.), *Contemporary Political Analysis*; Anna Haddow, *Political Science in American Colleges and Universities, 1636-1900*; Albert Somit and Joseph Tanenhaus, *The Development of American Political Science: from Burgess to behaviouralism*; R. C. Macridis, *Comparative Government*; G. Heckscher, *The study of Comparative Government and Politics*; International Political Science Association, *Proceedings of the Research Panel on Comparative Government (1954)* (indexed in Library under I.P.S.A. Round Table at call-mark JA1.A1); *Report of the Research Panel on Comparative Government of the American Political Science Association (1944)*, (printed in *American Political Science Review* 38 (1944) pp. 540-8) (Call-mark JA1.A1); *Report of the Inter-University Seminar on Comparative Politics* (Social Science Research Council) (1952), (printed in *American Political Science Review* 47 (1953) pp. 641-75) (Call-mark JA1.A1); A. P. Blaustein and G. Flanz, *Constitutions of the Countries of the World* (call-mark K3157 A3.B64) is a multi-volume work which is constantly up-dated; it is the most authoritative and comprehensive reference source as to world constitutional texts and includes accompanying chronological introductions and bibliographies. (Further reading on specific topics will be given during the course.)

Examination Arrangements: This course will be examined by means of one three-hour written paper (three questions to be answered from a choice of about twelve questions); the paper is a compulsory "core" paper for M.Sc. (Politics) 5 and is examined in September only.

The Politics and Government of Western Europe

Teacher Responsible: Dr. Gordon Smith, Room K102 (Secretary, K105)

Course Intended Primarily for students registered for the M.Sc. Politics (7), The Politics and Government of Western Europe, and generally not suitable for students on other M.Sc. courses.

Scope: The aim is to introduce students to the comparative study of West European politics. All students should gain knowledge of a number of political systems within a framework of comparative theory and study Western Europe in relation to important themes and problems which are common to advanced industrialised societies.

Syllabus: The syllabus for this course is based exclusively on cross-national comparison within Western Europe. The following themes will be subjected to analysis: the social bases of political systems, including religion and class, nationalism and regionalism. Theories of European society: consociational democracy and neo-corporatism. Party systems and the major European political traditions: Social Democracy, Conservatism, Christian Democracy, and Communism. New problems and forces: feminism, racialism and migrant labour, territorial identity. Post-materialism and the new politics. The tax-welfare backlash. Economic growth and the stability of liberal democracy.

Teaching Arrangements: Gv237, twenty-three seminars (Michaelmas, Lent and Summer terms). Students are strongly advised to attend: a) Gv241, **The Politics and Government of Italy**, and b) Gv226, **West European Studies**.

Reading List: Detailed reading lists will be made available at the start of each term. Introductory Reading: G. Almond and S. Verba (Eds.), *The Civic Culture Revisited* (1980); S. Berger (Ed.), *Religion in West European Politics* (1982); M. Dogan and R. Rose (Eds.), *European Politics: A Reader* (1971); N. Elder, D. Arter and A. Thomas, *The Consensual Democracies?* (1983); F. F. Ridley (Ed.), *Government and Administration in Western Europe* (1979); N. Kolinsky and W. Paterson (Eds.), *Social and Political Movements in Western Europe* (1976); P. Lange and S. Tarrow (Eds.), *Italy in Transition* (1980); A. Lijphart, *Democracy in Plural Societies* (1977); H. Machin (Ed.), *National Communism in Western Europe* (1983); P. Merkl (Ed.), *Western European Party Systems* (1980); C. Offe, *Contradictions of the Welfare State* (1984); P. Schmitter and G. Lehmbruch

Gv4071

(Eds.), *Trends Towards Corporatist Intermediation* (1979); L. J. Sharpe (Ed.), *Decentralist Trends in Western Democracies* (1979); J. Siltanen and M. Stanworth (Eds.), *Women and the Public Sphere* (1984); G. Smith, *Democracy in Western Germany* (1982); G. Smith, *Politics in Western Europe* (1984); E. Suleiman and R. Rose (Eds.), *Presidents and Prime Ministers* (1981); V. Wright, *The Government and Politics of France* (1983). **Examination Arrangements:** One three-hour written examination in June.

Gv4090

The Politics and Government of France

Teacher Responsible: Dr. H. Machin, Room K301 (Secretary, Mrs. E. Gregory, L208)

Course Intended Primarily for postgraduate students (M.Sc. Politics, (5) The Politics and Government of W. Europe, M.Sc. European Studies). Other postgraduates may also be authorised to participate.

Scope: an advanced analysis of political forces, government structures and contemporary problems in France, since 1958. **Pre-Requisites:** a basic knowledge of France is useful; students lacking this will be required to attend undergraduate lectures and undertake a special reading programme.

Syllabus: France in international politics. The tradition of unstable parliamentary government. The foundation of the Fifth Republic. The constitution of the presidency. De Gaulle as president. The changing French political culture. Interest groups: trade unions, farmers, the Church. The Media. Women in politics. Local and regional politics. Political parties and elections. Legislative-executive relations. Decision-making within the Executive. Political control of the administration. The State: personnel recruitment and training; administrative structures; the public sector; central-local relations; public finance. Defending the citizen against the State. The Mitterrand presidency. **Teaching Arrangements:** seminars: Gv225 22 weekly Michaelmas, Lent and Summer terms. Optional lectures for students with little knowledge of France: Gv163 22 weekly Michaelmas, Lent and Summer terms and Gv106 10 weekly Lent term (**French Political Thought**).

Reading List: V. Wright, *The Government and Politics of France* (1983); J. E. S. Hayward, *Governing France* (1983); J. R. Hough, *The French Economy* (1982); W. G. Andrews and

S. Hoffman, *The Fifth Republic at Twenty* (1981); V. Wright (Ed.), *Continuity and Change in France* (1984).

This is an introductory list. A fully syllabus with detailed bibliography will be given at the start of each term.

Examination Arrangements: one 3 hour written paper in June: 3 questions.

Gv4091

European Multi-Party Systems Teacher Responsible: Dr. Gordon

Smith, Room K102 (Secretary, K105)

Course Intended Primarily for postgraduate students, especially for M.Sc. Politics (7), **The Politics and Government of Western Europe.**

Scope: This course provides a comparative analysis of party systems in Western Europe. It includes a study of individual countries combining that with the application of particular theories relating to party representation, development, and competitive relationships.

Syllabus: The major European party traditions and individual variants. An examination of a range of European party systems; the factors governing their past development and present trends. Theories of development, the 'freezing' hypothesis and Kirchheimer's transformation argument. Contemporary sources of electoral realignment and dealignment; the rise of new parties and movements. The classification of party systems. Application of Left/Centre/Right concepts; the multi-dimensional alternatives. Polarised and depolarised systems. Electoral systems and the consequences for party representation. Multi-party systems in relation to the formation and stability of government; the application of coalition theory.

Teaching Arrangements: Gv234 Twenty-two weekly seminars, Michaelmas, Lent and Summer terms.

Reading List: K. von Beyme, *Parteien in westlichen Demokratien* (1982); V. Bogdanor (Ed.), *Coalition Government in Western Europe* (1983); S. Burin and K. Shell, *Selected Essays of Otto Kirchheimer* (1969); D. Butler and V. Bogdanor (Eds.), *Democracy and Elections* (1983); D. Butler et al (Eds.), *Democracy at the Polls* (1981); H. Daalder and P. Mair (Eds.), *Western European Party Systems* (1983); M. Dogan and R. Rose (Eds.), *European Politics* (1971); M. Duverger, *Political Parties* (1964); L. Epstein, *Political Parties in Western Democracies* (rev. edn, 1980); S. Finer (Ed.), *Adversary Politics and Electoral Reform* (1975); S. Henig (Ed.),

Political Parties in the European Community (1979); S. Lipset and S. Rokkan (Eds.), *Party Systems and Voter Alignments* (1967); P. Merkl (Ed.), *Western European Party Systems* (1980); D. Rae, *The Political Consequences of Electoral Laws* (1967); G. Sartori, *Parties and Party Systems* (1976); G. Smith, *Politics in Western Europe* (4th edn, 1984).

Examination Arrangements: One three-hour written examination in June.

Gv4100

The Politics and Government of Germany

Teacher Responsible: Dr. Gordon

Smith, Room K102 (Secretary, K105)

Course Intended Primarily for postgraduate students especially for those taking M.Sc.

Politics (7), The Politics and Government of Western Europe, and also for M.Sc. **Politics (5), Comparative Government,** the M.Sc. **European Studies** and the M.Sc. **International Relations.**

Scope: The main part of the course is concerned with contemporary politics of the Federal Republic. Attention is also given to the development of modern Germany since 1918. A detailed knowledge of the politics of the German Democratic Republic is not required.

Pre-Requisites: A background knowledge of German history is useful, and an ability to read German is desirable.

Syllabus: The major features in the development of modern Germany, with special attention to the parliamentary and party system of the Weimar Republic and the factors leading to its collapse. The consequences of post-war occupation. The Basic Law as a system of checks and balances. The development of the party system in the Federal Republic, and the determinants of coalition politics. The changing socio-economic structure of the electorate, and the impact of the 'new politics'. The structure of economic policy making. West German foreign policy and the course of inner-German relations.

Teaching Arrangements: Twenty-five lectures (Gv167) and twenty-five seminars (Gv235).

Reading List: The following books can usefully be read as an introduction to the course: V. Berghahn, *Modern Germany: Society, Economy and Politics in the Twentieth Century* (1982); R. Dahrendorf, *Society and Democracy in Germany* (1969); H. Doering and G. Smith, *Party Government and Political*

Culture in Western Germany (1982); L. Edinger, *Politics in West Germany* (1977); M. & S. Greiffenhagen, *Ein schwieriges Vaterland* (1979); W. Hennis, *Die missverstandene Demokratie* (1973); E. Krippendorff and V. Rittberger (Eds.), *The Foreign Policy of West Germany* (1980); N. Johnson, *State and Government in the Federal Republic of Germany* (1983); H. Kaack and R. Roth (Eds.), *Handbuch des deutschen Parteiensystems*, 2 vols (1980); W. Kohl and G. Basevi (Eds.), *West Germany: A European and Global Power* (1980); G. Lehbruch, *Parteienwettbewerb im Bundesstaat* (1976); A. Markovits (Ed.), *The Political Economy of West Germany* (1982); A. Mintzel, *Die Volkspartei* (1983); W. Paterson and G. Smith (Eds.), *The West German Model* (1982); J. Raschke (Ed.), *Buerger und Parteien* (1982); M. Saeter, *The Federal Republic, Europe, and the World* (1980); G. Smith, *Democracy in Western Germany* (1980); K. Sontheimer, *Die verunsicherte Republik* (1979); D. Staritz (Ed.), *Das Parteiensystem der Bundesrepublik* (1980).
Examination Arrangements: One three-hour written examination in June.

Gv4110

The Politics and Government of Scandinavia

See Gv3056

Gv4122

Administration and Government in New and Emergent States:

Teacher Responsible: Mr. P. F.

Dawson, Room A207 (Secretary, Mrs. Ann Kennedy, L300, Ext. 546)
Course Intended Primarily for M.Sc. in Public Administration and Public Policy.

Scope: The objective of the course is to examine the context and some major characteristics of administrative processes in less developed countries, principally those of Africa, South and South East Asia and the Caribbean. While some reference may be made to Latin America and the Middle East these will not be the major areas of concern.
Context: This course is one of the optional examination subjects for the M.Sc. Politics 6 (Public Administration and Public Policy) but additionally serves the function of broadening the comparative scope of the two compulsory papers in that field. The subject may also be taken as an optional or substitute paper by students for any other M.Sc. It is of particular relevance to Politics 5 (Comparative

Government) and Politics 8 (Politics and Government in Africa). All students are welcome to attend the lectures while graduate students with the permission of the teacher in charge, may attend the seminars.

Syllabus: The organization and behaviour of government and administration with primary reference to Africa, India, Pakistan and Malaysia. The influence of indigenous and colonial political and administrative systems; the effects of political change and the role of civil services and para-statal services as agents of change; the genesis and implementation of reform proposals; the role of civil services under single party, no-party and military governments. Methods and problems of planning and of decentralization (including local government and field administration). The role of public corporations, education and training, the values and attitudes of public officials, political and public perceptions and the tasks of government. The concept of corruption.

Pre-Requisites: None, but some previous knowledge of politics and government in developing countries would be advantageous.

Teaching Arrangements:

(i) Ten lectures (Gv230) will be given in the Lent Term by Mr. P. F. Dawson.

(ii) A weekly seminar (Gv231) will be run in the Summer Term by Mr. Dawson at which papers written by students are discussed. Other relevant lecture courses outside the field of public administration include So112, **Industrialization and Theories of Social Change.**

Written Work: Students participating in the seminar (Gv231) will be expected to produce at least two written essays on topics assigned to them. In addition interested students and especially those intending to be examined in the subject are urged to write other essays during their first two terms. Mr. Dawson will be happy to suggest topics and reading and will be prepared to read and discuss completed essays.

Reading List: A detailed and up-to-date reading list will be made available to all students attending the lectures. The following books are considered to be of a general introductory nature:

R. Braibanti (Ed.), *Political and Administrative Development*, 1969; N. Caiden & A. Wildavsky, *Planning and Budgeting in Poor Countries*, 1974; M. S. Grindle (Ed.), *Politics and Policy Implementation in the Third World*, 1980; F. Heady & S. L. Stokes (Eds.), *Papers in Comparative Public Administration*; G. A. Heeger, *The Politics of Under-development*, 1974; S. Huntington, *Political Order in Changing Societies*, 1968; G. Hyden,

Development Administration in Kenya; J. La Palombara (Ed.), *Bureaucracy and Political Development*, 1963; C. Leys, *Politics and Change in Developing Countries*, 1969; M. Lipton, *Why Poor People are Poor*, 1976; R. S. Milne & K. J. Ratnam, *New States in a New Nation*, 1974 (especially Chapters 6, 7, & 8); D. J. Murray (Ed.), *Studies in Nigerian Administration*; F. W. Riggs, *Administration in Developing Countries - the Theory of Prismatic Society*, 1964; *Frontiers of Development Administration*; I. Roxborough, *Theories of Underdevelopment*, 1979; I. Swerdlow, *The Public Administration of Economic Development*, 1975; H. Wriggins, *The Rulers Imperative: Strategies for Political Survival in Asia and Africa*, 1969.

Examination Arrangements: The examination in this subject, together with others for the M.Sc. in Public Administration, takes place in June. It comprises a single, three-hour, unseen, question paper of about 12 questions from which candidates are required to answer 3. Students are advised to look at earlier examination papers (available in the Library) to familiarize themselves with the style of the examination paper and the nature of the questions.

Gv4130

The Regulation of the Economy by Government in the U.S.A. (This course will not be taught in 1984-85)

Teacher Responsible: Professor W. Letwin, Room L203 (Secretary, Mrs. A. Kennedy, L300)

Course Intended Primarily for M.Sc. candidates in Politics and Economic History. **Scope:** This course traces the evolution of current ideas - constitutional, legal, and economic - about the appropriate role of government in relation to the economy.

Pre-Requisites: An elementary familiarity with micro-economics.

Teaching Arrangements: 15 meetings; 10 Lent Term, 5 Summer Term. The meetings are seminar discussions (Gv232), during which one or more decisions of the Supreme Court (ranging from about 1870 to 1940) are analyzed in detail. Texts of these decisions are distributed to each member of the course.

Reading List: Charles L. Black Jr., *The People and the Court*; Edward S. Corwin, *Liberty Against Government*; Paul A. Freund, *The Supreme Court of the U.S.*; John A. Garraty (Ed.), *Quarrels That Have Shaped the Constitution*; Learned Hand, *The Bill of Rights*; Robert H. Jackson, *The Struggle for*

Judicial Supremacy; Gabriel Kolko, *Railroads and Regulation, 1877-1916*; Philip B. Kurland (Ed.), *The Supreme Court and the Constitution* (See especially the article by McCloskey); W. L. Letwin, *Documentary History of American Economic Policy*; Arthur Selwyn Miller, *The Supreme Court and American Capitalism*; Arnold M. Paul, *Conservative Crisis and the Rule of Law*; C. Herman Pritchett, *The Roosevelt Court*; John R. Schmidhauser (Ed.), *Constitutional Law in the Political Process*; Bernard Schwartz, *The Reins of Power*.

Examination Arrangements: The examination, given in mid-June, consists of about twelve questions, of which the student is required to answer three of his choice.

Gv4140

Politics and Government of Latin America See Gv3057

Gv4160

Comparative Administrative Systems

Teacher Responsible: Professor G. W. Jones, Room L210 (Secretary, Miss Ann Boucher, K108)

Scope: The objective of the course is to provide an introduction to the structures, behaviour, and processes of public administration in a number of countries and to a range of theories about public administration and bureaucracy.

Course Intended Primarily for postgraduate students, mainly as a compulsory paper for those reading for the degree M.Sc. Politics 6, Public Administration and Public Policy.

Other M.Sc. students are welcome to take the course, and other postgraduates and interested undergraduates may attend the lectures and, with the permission of the teacher in charge, any seminar.

Syllabus: The factors which influence the structure and working of public administration; historical, environmental, social, constitutional and political. The main features and principles of public service systems. The tasks of Government and their allocation to agencies; the status and

functions of departments, public corporations, boards and local authorities. Administrative policy-making; delegation, and control; systems of devolution and decentralization. The social characteristics of civil servants, their recruitment, training and organization; types of civil servants and relationships between them. Central departments; co-ordination of governmental activities; planning and budgeting; Political direction and accountability; legislative-administrative relations; administrative discretion; administrative justice; administrative reform and re-organization; Theories of administrative organization and change, and theories of bureaucracy; their relevance to the work of government.

Teaching Arrangements:

Lectures: (i) Ten lectures will be given in the Michaelmas Term by Professor G. W. Jones on **British Government and Bureaucracy** (Gv156). (ii) Five lectures will be given in the Lent Term on **Administrative Organisation and Behaviour** (Gv154) by Professor W. Plowden. (iii) Ten lectures will be given in the Lent Term on **Administrative Theories** (Gv216) by Mr. B. O'Leary. (iv) Five lectures will be given in the Lent Term by Professor J. B. Bourn on **Administrative Theory and Practice** (Gv244).

Seminars: (i) Ten sessions will be given in the Michaelmas Term by Professor G. W. Jones on **Public Administration** (Gv222). This seminar will focus on comparative administrative structures and systems. (ii) The **Public Administration Seminar** (Gv222) in the Lent Term with Mr. O'Leary, will consist of ten sessions on **Administrative Theories**. (iii) Ten sessions will be given in the Lent Term by Professor G. W. Jones and Mr. P. F. Dawson, on **The British Civil Service** (Gv224). In this seminar civil servants will talk about their work.

Written Work: Students are expected to produce written essays on topics assigned to them at the seminars and to submit essays regularly to their supervisors.

Methods of Work: The syllabus is very broad. It covers a range of issues. Lectures and seminars cannot deal with every aspect. They are selective, intended to introduce, to stimulate and guide. Students are expected to spend a great deal of time on private reading, thinking and writing. They will be guided by their supervisor.

Reading: Students receive extensive reading lists from the teachers, who will guide them about the most introductory, general, relevant and essential works.

Reading List: M. Albrow, *Bureaucracy* (Macmillan, 1970); F. Heady, *Public*

Administration: A Comparative Perspective (Marcel Dekker, 2nd edn., 1979); B. G. Peters, *The Politics of Bureaucracy: A Comparative Perspective* (Longman, 1984); J. W. Fesler, *Public Administration: Theory and Practice* (Prentice-Hall Inc., 1980); F. F. Ridley (Ed.), *Government and Administration in Western Europe* (Martin Robertson, 1979); R. G. S. Brown & D. R. Steel, *The Administrative Process in Britain* (Methuen, 2nd edn., 1979); H. Seidman, *Politics, Position and Power: The Dynamics of Federal Organization* (Oxford University Press, 3rd edn., 1980); F. F. Ridley & J. Blondel, *Public Administration in France* (Routledge and Kegan Paul, 2nd edn., 1969); H. Hecló & A. Wildavsky, *The Private Government of Public Money* (Macmillan, 2nd edn., 1981); J. Bourn, *Management in Central and Local Government* (Pitman, 1979); P. Self, *Administration Theories and Politics* (Allen and Unwin, 2nd edn., 1977); P. M. Jackson, *The Political Economy of Bureaucracy* (Philip Alan, 1982). **Examination Arrangements:** The examination takes place in the Summer Term and consists of a single formal and unseen examination paper of about twelve questions, of which students must answer three within a period of three hours. Students are advised to look at old examination papers (available in the Library) to familiarize themselves with the style of the examination paper and the nature of the questions.

Gv4161

Public Policy and Planning Teacher Responsible: Dr. Patrick Dunleavy, Room L302 (Secretary, Miss Ann Boucher, K108)

Scope: This course examines the public policy formulation process and the main component influences involved. It then goes on to explore the difficulties and potentialities for improving policy making via policy analysis.

Syllabus: Processes of public policy and implementation within the context of the character and functions of modern governments. Theories of the nature of the policy process in modern states, and of the roles of bureaucracies, professions, interest groups and private organizations in the formulation and implementation of public policies. Normative theories of policy-making and planning. Methods of policy analysis and evaluation including contributions from social sciences. Attention will be paid to particular policy arenas such as energy, transportation and housing, and to economic, environmental and other forms of governmental planning.

Pre-Requisites: The course is designed for post-graduate students, mainly as a

compulsory paper for those reading for the degree M.Sc. Politics in Public Administration and Public Policy. Other M.Sc. students, research students and interested undergraduates may attend the lectures. The seminar requires permission for outside attenders, but those wishing to take the paper are welcome.

Teaching Arrangements: Core teaching for this paper is provided by the following required lectures and seminars:

Gv211 **Public Policy and Planning:** Lectures (Dr. P. Dunleavy, Michaelmas Term)

Gv212 **Theories of the State and Policy Making** Lectures (Dr. P. Dunleavy and Mr. B. O'Leary, Lent Term)

Gv213 **Public Policy Formulation:** Seminar (Dr. P. Dunleavy, Michaelmas Term)

Gv214 **Policy Analysis** (Dr. P. Dunleavy, Lent and Summer Terms)

A variety of other optional or introductory courses provide useful additional inputs, including:

Gv171 **Public Policy: Political and Economic Aspects** Lectures (Professor W. Letwin)

Gv240 **Public Policy in Latin America:** Seminar (Dr. G. Philip)

Gv215 **Data Analysis for Public Policy and Political Science:** Seminar (Dr. P. Dunleavy, Lent and Summer Terms)

Gv159 **Urban Politics:** Lectures (Dr. P. Dunleavy, Michaelmas Term)

Gv223 **Policy Implementation** (Professor W. Plowden, Summer Term)

Reading List:

Public Policy Formulation: C. Lindblom, *The Policy Making Process: Politics and Markets*; B. Frey, *Modern Political Economy*; B. Barry, *Sociologists, Economists and Democracy*; J. O'Conner, *The Fiscal Crisis of the State*; G. T. Allison, *The Essence of Decision*; P. Self, *Administrative Theories and Politics*; H. Hecló & A. Wildavsky, *The Private Government of Public Money*.

Policy Analysis: W. N. Dunn, *Public Policy Analysis: An Introduction*; R. Havemann & J. Margolis (Eds.), *Public Expenditure and Policy Analysis*; C. Lindblom & D. Cohen, *Useable Knowledge*; R. Goodin, *Political Theory and Public Policy*; D. Heald, *Public Expenditure*; C. Hood, *The Tools of Government*.

Examination Arrangements: The examination takes place in the Summer Term and consists of a single formal and unseen examination paper of about twelve questions, of which students must answer three within a period of three hours. Students are advised to look at recent past examination papers (available in the library) to familiarize themselves with the style of the examination paper and the nature of the questions.

Gv4162

Comparative Local Government Teacher Responsible: Professor G. W. Jones, Room L210 and Dr. Patrick Dunleavy, Room L302 (Secretary, Miss Ann Boucher, K108)

Scope: The objectives of the course are: (i) to provide an introduction to the structure, operations and impact of local, and other sub-national, governments throughout the world, and (ii) to discuss the causes and consequences of major cross-national variations in urban politics and policies.

Course Intended Primarily for postgraduate students mainly as an option for those reading for the degree M.Sc. Politics 6, Public Administration and Public Policy. Other M.Sc. students are welcome to take the course, and other post-graduates and interested undergraduates may attend the lectures and, with the permission of the teacher in charge, any seminar.

Syllabus: A study of the local government systems of a number of countries, both developed and underdeveloped. A typology of local government systems. The organisation, functions and areas of local authorities; their councils, internal arrangements, executives and administration; the politics of local government, central-local relations and the finance of local government. Metropolitan and city government. The reform of local government.

Teaching Arrangements:

Lectures (i) Ten lectures will be given in the Michaelmas Term by Professor G. W. Jones on **Aspects of Comparative Local Government** (Gv157). (ii) Ten lectures will be given in the Michaelmas Term by Dr. P. Dunleavy on **Urban Politics** (Gv159). (iii) Ten lectures will be given in the Lent Term by Dr. Michael Hebbert on **Urban and Regional Planning: Politics and Administration** (Gv217).

The lecturers will distribute notes and bibliographies relevant for their lectures.

Seminars: (i) Ten sessions will be given in the Lent Term by Professor G. W. Jones and Dr. P. J. Dunleavy on **Aspects of Comparative Local Government** (Gv158). (ii) Ten sessions will be given in the Michaelmas Term by Dr. P. J. Dunleavy on **Urban and Regional Planning: Urban Politics and Policies** (Gv218).

Written Work: Students are expected to produce written essays on the issues assigned to them at the seminars. They may also submit essays to their supervisors, and Professor Jones and Dr. Dunleavy will mark any essays from students on this course.

Possible essay questions can be found on the

list 'Topics to Ponder' available from Professor Jones and on recent past examination papers available from the Library. Professor Jones and Dr. Dunleavy will also set questions on request from students.

Methods of Work: The syllabus is very broad. It covers a range of issues. The lectures and seminars will not be able to deal with every topic. They are selective, intended to introduce, to stimulate and to guide. Students are expected to spend a great deal of time on private reading, thinking and writing. Students should concentrate initially on mastering the local government systems of Britain, France and the U.S.A., and the salient features of local government in other countries. They should choose for more detailed study another country or group of countries. They should also select some of the key controversies or theoretical debates introduced in the course on which to concentrate.

Reading: Students receive extensive reading lists from the teachers, who will guide them about the most introductory, general, relevant and essential works.

Reading List:

Comparative Local Government: S. Humes & E. M. Martin, *The Structure of Local Government*; D. C. Rowat, *International Handbook on Local Government Reorganization*; A. H. Marshall, *Local Government Finance*; H. F. Alderfer, *Local Government in Developing Countries*; Committee On the Management of Local Government, Vol. IV, *Local Government Administration Abroad*; G. S. Blair, *American Local Government*; J. Lagroye & V. Wright, *Local Government in Britain and France*; J. Piekalkiewicz, *Communist Local Government*; W. A. Robson & D. E. Regan (Eds.), *Great Cities of the World*; A. H. Walsh, *The Urban Challenge to Government*; Layfield Committee on Local Government Finance, Appendix 5, *Report on Foreign Visits*; R. A. Dahl & E. R. Tufté, *Size and Democracy*; J. W. Fesler, *Area and Administration*; A. Maass, *Area and Power*; L. J. Sharpe (Ed.), *Decentralist Trends in Western Democracies*; S. Tarrow et al., *Territorial Politics in Industrial Nations*; R. C. Fried & F. F. Rabinowitz, *Comparative Urban Politics*.

Urban Politics: M. Castells, *City, Class and Power*; P. Dunleavy, *Urban Political Analysis*; J. Nelson, *Access to Power: Politics and the Urban Poor in Developing Nations*; J. O'Connor, *The Fiscal Crisis of the State*; N. Polsby, *Community Power and Political Theory*; P. Saunders, *Urban Politics*. J. Simmie, *Citizens in Conflict*.

Examination Arrangements: The examination takes place in the Summer Term and consists of a single formal and unseen examination paper of about twelve questions, of which students must answer three within a period of three hours. Students are advised to look at recent past examination papers (available in the Library) to familiarize themselves with the style of the examination paper and the nature of the questions.

Gv4163

Comparative Public Enterprise Co-Ordinating Staff Member - Visiting Professor: Professor M. R. Garner, Room K310 (Secretary, Miss Ann Boucher, K108)

Courses Intended Primarily for M.Sc. Public Administration and Public Policy

Scope: (1) General

to contribute to the study of public administration and public policy by the examination of problems arising in a sector, namely public enterprise, situated on the border between government and business.

(2) Particular

(i) to identify the problems, political and administrative, inherent in public enterprise; (ii) taking account of practice and thinking in different countries, to examine ways in which the problems of public enterprise are or might be, handled; (iii) to work towards a general theory of public enterprise.

Syllabus: The scope and functions of public enterprise in mixed economies. The principal forms of organisation of public enterprise notably the public corporation. The relations of public enterprises with the legislature, government, the courts, consumers, and other special interests. Why the control and accountability of public enterprises presents problems. The measurement of efficiency. Responses to these problems - corporate planning, performance criteria, efficiency and effectiveness auditing, institutional arrangements, privatisation.

The experience of planned economies.

Pre-Requisites and Co-Requisites: The course is designed for post-graduate students, mainly as an option for those reading for the degree M.Sc. Politics 6 - Public Administration and Public Policy. Other M.Sc. students are

welcome to take the course, and other postgraduates and interested undergraduates may attend lectures and, with the permission of the teacher in charge, any seminars.

Teaching Arrangements:

Lectures (Gv220): Ten Lectures (two in the Michaelmas Term and eight in the Lent Term) will be given by **Professor M. R. Garner** on **Comparative Public Enterprises**.

Seminars (Gv221): There will be ten seminars in the Lent Term on **Problems of Public Enterprise**.

Concept of the Course and Written Work:

Because the course is short, the lectures focus on general principles and problems, with illustrations from international experience. Consequently, there is no detailed presentation of the organisation, history, performance, and problems of individual public enterprises, whether in Britain or overseas, and no detailed presentation of the public enterprise sector in any particular country. Students, however, are expected to make themselves capable of illustrating principles and problems of public enterprise by referring to the organisation or experience of individual public enterprises in at least two different countries – for example, Britain and the student's home country. To do this, they will be invited to produce summary compilations of the essential data about at least three pairs of public enterprises selected by themselves which will illustrate different organisational forms and national circumstances. Guidance will be given in making the selection and tutorials will be arranged on the compilations.

The seminars focus on problems pointed to in the lectures. The aim of each seminar is to illustrate a problem in some depth by reference to a particular enterprise, or practice, or institution, generally, but not invariably, using British enterprises and the experience in the home country of the student presenting the seminar (provided the necessary information is available). There will be a meeting with students before the end of the Michaelmas Term to arrange the allocation of seminar topics and students will be invited to submit their seminar notes for examination two weeks beforehand and to discuss them at a tutorial on the Monday preceding the seminar itself.

In addition to the summary compilation and seminar presentation, students will be expected to submit two essays each on topics that will be specified. The aim of the essays is to test students' capacity to recognise a problem, to provide a summary of the essential considerations, and to present a well-founded conclusion.

Documentation: An outline of the course of lectures and a programme of seminar topics will be available from the Departmental Secretary on 1st October, 1984 to all M.Sc. (Politics 6) students.

A set of lecture notes and an extended reading list will be issued to each student who selects **Comparative Public Enterprise** as his or her optional subject. The core of the reading list appears below. The lecture notes contain references to any necessary supplementary reading related to the particular lecture. An outline for use in preparing the summary compilations will also be provided.

Reading List: W. J. Baumol (Ed.), *Public and Private Enterprise in a Mixed Economy* (Macmillan, 1980); Sir. N. Chester, *The Nationalisation of British Industry* (HMSO, 1975); *F. Chevallier, *Les Entreprises publiques en France* (La Documentation Française, 1979); D. Coombes, *State Enterprise: Business of Politics* (Allen and Unwin, 1971); M. Corby, *The Postal Business* (Kogan Page, 1979); P. Dreyfus, *La Liberté de Réussir* (Simeon, 1977); C. D. Foster, *Politics, Finance and the Role of Economics* (Allen and Unwin, 1971); W. Friedmann & J. F. Garner (Eds.), *Government Enterprise: A Comparative Study* (Stevens & Sons, 1970); W. Friedmann (Ed.), *Public and Private Enterprise in Mixed Economies* (Stevens & Sons, 1974); B. Geist (Ed.), *State Audit: Developments in Public Accountability* (Macmillan, 1981); M. Gordon, *Government in Business* (C. D. Howe Institute, Montreal, 1981); Y. Ghai (Ed.), *Law in the Political Economy of Public Enterprise* (International Legal Center, New York, 1977); C. Johnson, *Japan's Public Policy Companies* (American Enterprise Institute, Washington, 1975); L. P. Jones, *Public Enterprise and Economic Development: The Korean Case* (Korea Development Institute, Seoul, 1975); *C. E. Lindblom, *Politics and Markets* (Basic Books, New York, 1977); H. Morrison, *Socialisation and Transport* (Constable, 1933); L. Musolf, *Mixed Enterprise: A Development Perspective* (Lexington Books, Lexington, 1972); National Academy of Public Administration, *Report on Government Corporations, Vol. 1* (N.A.P.A., Washington, 1981); *R. Pryke, *The Nationalised Industries* (Martin Robertson, 1981); W. A. Robson, *Nationalised Industries and Public Ownership* (Allen and Unwin, 1962); W. G. Shepherd et al (Eds.), *Public Enterprise: Economic Analysis of Theory and Practice* (D. C. Heath, 1976); *A. Tupper & G. Bruce Doern (Eds.), *Public Corporations and Public Policy in Canada* (Institute for Research on Public Policy, Montreal, 1981); *A. H. Walsh, *The Public's*

Business (M.I.T. Press, Cambridge, Massachusetts, 1978); *United Kingdom National Economic Development Office, *A Study of U.K. Nationalised Industries* (Report and Appendix Volume, HMSO, 1976); United Kingdom Select Committee on Nationalised Industries, *Ministerial Control of the Nationalised Industries* (First Report, Session 1967-68, H.C.371-I: See also H.C.371-II, pp. 522-544), (HMSO, 1968); United Kingdom White Papers, *The Nationalised Industries* (Cmnd. 1337, 3437, 7131; HMSO, 1961, 1967, 1978); *United Nations, Department of Economic and Social Affairs, *Organization, Management and Supervision of Public Enterprises in Developing Countries* (United Nations, ST/TAO/M65, New York, 1974). **Examination Arrangements:** The examination takes place in the Summer Term and consists of a single formal and unseen examination paper of about twelve questions, of which students must answer three within a period of three hours. Students are advised to look at old examination papers (available in the Library) to familiarise themselves with the style of the examination paper and the nature of the questions.

Gv4164

Administration in Regional and Urban Planning

Teachers Responsible: **Dr. Patrick Dunleavy**, Room L302 (Secretary, Miss Ann Boucher, K108) and **Dr. Michael Hebbert**, Room S412 (Secretary, Miss B. Maccabee, S406) **Course Intended Primarily for M.Sc. Politics 6.** **Scope:** This course examines the political and policy processes involved in urban and regional planning, focusing particularly on how the institutions and administrative technologies available contribute to or constrain the achievement of planning objectives. The social and political conflicts surrounding planning issues are explored. **Syllabus:** The place of urban regional planning within the policy and government processes of modern states. Planning within the structure, powers, and politics of local and regional governmental systems. Regional and urban planning in developed and developing countries, and in Federal and unitary states. The nature of urban and regional planning, and the connexions between central and local government, and between economic and physical planning. The distinctive issues of planning in big cities and urban regions, and in poor or developing regions. The organization and politics of planning, and the role of planning professions. Pluralist, neo-

Marxist, and other theories of urban and regional planning.

Pre-Requisites: This course is designed primarily for post-graduate students. It is an optional paper for the M.Sc. Politics in Public Administration and Public Policy, and a compulsory paper for the M.Sc. in Regional and Urban Planning. Other M.Sc. students are welcome to take the course, and other post-graduate and interested undergraduates may attend the seminars, with the permission of the teacher in charge.

Teaching Arrangements: The core teaching for this course is provided by the following seminar and lectures:

Gv218 **Urban and Regional Planning: Politics and Administration**, Seminar (**Dr. Dunleavy** and **Dr. Hebbert**, Michaelmas and Lent Terms)

Gv211 **Public Policy and Planning:** Lecture (**Dr. Dunleavy**, Michaelmas Term)

Gv212 **Theories of State and Policy-Making** (**Dr. Dunleavy** and **Mr. B. O'Leary**, Lent Term)

Gv159 **Urban Politics:** Lecture (**Dr. Dunleavy**, Michaelmas Term)

Gv217 **Urban and Regional Planning: Politics and Administration** (**Dr. Hebbert**, Lent Term)

A number of other courses provide very valuable supplementary coverage according to area of interest including:

Gv157 **Aspects of Comparative Local Government:** Lecture (**Professor Jones**, Michaelmas Term)

Gv158 **Aspects of Comparative Local Government:** Seminar (**Professor Jones** and **Dr. Dunleavy**, Lent Term)

Gv417 **Social Theory and Urban and Regional Questions:** Seminar (**Dr. Duncan** and others, Michaelmas and Lent Terms)

Reading List:

Urban Policy Making: P. Dunleavy, *Urban Political Analysis*; P. J. O. Self, *Planning the Urban Region*; Open University, Course D202, *Urban Change and Conflict*, Blocks 4, 5, 6; H. Stretton, *Urban Planning in Rich and Poor Countries*; G. Kirk, *Planning in a Capitalist Society*.

Regional Policy and Planning: L. J. Sharpe, *Decentralist Trends in Western Democracies*; B. Hogwood & M. Keating, *Regional Government in England*; M. Derthick, *Between State and Nation: Regional Organization in the U.S.*; S. Tarrow et al. *Territorial Politics in Industrial Nations*.

Examination Arrangements: The examination takes place in the Summer Term and consists of a single formal and unseen examination paper of about twelve questions, of which students must answer three within a period of three hours. Students are advised to look at

recent past examination papers (available in the Library) to familiarize themselves with the style of the examination paper and the nature of the questions.

Gv4165

Public Policy in Italy and France

Teacher Responsible: Dr. H. Machin, Room K301 (Secretary, Mrs. E. Gregory, L208).

Course Intended Primarily for postgraduate students, mainly for those reading for the degrees M.Sc. Politics (7), **The Politics and Government of Western Europe**, M.Sc. Politics (6), **Public Administration and Public Policy**, and M.Sc. **European Studies**. Other postgraduates may also be authorised to participate in the seminars.

Scope: The aim of this course is to provide an introductory comparative analysis of the structures and processes of public policy-making and implementation in France and Italy. It includes case studies of specific policy areas at both national and local government levels and a critical survey of some of the main models of analysis.

Pre-Requisites: None.

Syllabus: International and European constraints on national public policy decisions. The experience of state development in France and Italy. Economic resources and constraints. Associations and policy processes. Interest, moral value, and professional representation. National political processes, law-making and rule-making. Regional and local government processes. Administrative structures and men. Banking and financial policy. Nationalised industry and its management. Agriculture, industrial location and regional imbalances. Two comparative

case studies from the following: Education, Foreign Trade and Monetary Policy, Transport, Defence, Energy, Research and Technology. Legal and financial controls on policy. Technocratic and bureaucratic power, clientelism and corporatism.

Teaching Arrangements: Seminars: Gv242, 22 weekly Michaelmas, Lent and Summer terms. Optional lectures for students with little knowledge of French or Italian Politics: Gv 241 (Italy), 4 weekly, Michaelmas term. Gv163 (France), 12 weekly, Lent and Summer terms. Optional seminars also recommended: Gv226, optional lectures: Gv211, Gv212.

Reading List: P. A. Allum, *Italy: Republic without Government?* (1973); W. G. Andrews & S. Hoffman, (Eds.), *The Fifth Republic at Twenty* (1981); S. Berger & M. Piore, *Dualism and Discontinuity in Industrial Societies* (1980); S. Berger (Ed.), *Organising Interests in Western Europe* (1981); S. Cassese, *Il sistema amministrativo italiano* (1983); P. G. Cerny & M. Schain, *Politics and Public Policy in France* (1979); M. Dogan (Ed.), *The Mandarins of Western Europe* (1975); K. Dyson, *The State Tradition in Western Europe* (1980); J. Hayward, *Governing France: the One and Indivisible Republic* (1983); P. Lange & S. Tarrow, (Eds.), *Italy, in Transition: Conflict and Consensus* (1979); F. F. Ridley (Ed.), *Government and Administration in Western Europe* (1979); R. Scase (Ed.), *The State in Western Europe* (1981); E. N. Suleiman & R. Rose (Eds.), *Presidents and Prime Ministers* (1981); V. Wright, *The Government and Politics of France* (1983); V. Wright (Ed.), *Continuity and Change in France* (1984).
Examination Arrangements: One 3-hour written paper in June: 3 questions.

Industrial Relations Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
Id100	Industrial Relations: Theory and Comparative Systems Mr. D. W. Marsden, Dr. K. N. G. Bradley, Dr. C. Crouch, Dr. S. J. Wood and Professor K. E. Thurley	25/MLS	Id4201
Id101	Industrial Relations Theory Dr. C. Crouch, Dr. S. J. Wood, Dr. D. W. Marsden and Dr. J. Kelly	10/L	Id4201
Id102	Industrial Relations and Personnel Management: Institutions and Processes Professor K. E. Thurley, Dr. J. Kelly and Dr. K. N. G. Bradley	10/M	Id4200
Id103	Current Labour and Management Problems — Seminar Mr. D. W. Marsden	25/MLS	
Id104	Industrial Relations Dr. R. Richardson	25/MLS	Id3220; Id4203
Id105	Selected Topics in Industrial Relations — Class Dr. S. J. Wood and Dr. K. N. G. Bradley	12/MLS	Id3320
Id106	Industrial Sociology Dr. S. R. Hill and Dr. K. N. G. Bradley	23/MLS	Id4202; Id4221
Id107	Industrial Organisation: Theory and Behaviour I Dr. S. J. Wood and Dr. J. Kelly	25/MLS	Id3221; Id4203
Id108	Industrial Organisation: Theory and Behaviour Professor K. E. Thurley and Dr. D. E. Guest	50/MLS	Id4202
Id109	Macro-Economic Background to Industrial Relations Dr. R. Richardson	10/M	Id109
Id110	Sociology of Industrial Relations — Seminar Dr. S. J. Wood	25/MLS	
Id111	Labour Market Analysis Dr. R. Richardson and Mr. D. W. Marsden	30/ML	Id4224
Id112	Manpower Policy Dr. R. Richardson, Mr. D. W. Marsden and Dr. D. E. Guest	25/MLS	Id4223; Id4224
Id113	Introductory Practical Statistics Mr. D. W. Marsden	20/ML	

Lecture/ Seminar Number			Study Guide Number
Id114	Industrial Psychology Dr. D. E. Guest and Dr. J. Kelly	24/MLS	Id4202; Id4220
Id115	Labour Law — Seminar Mr. R. C. Simpson	45/MLS	
Id117	Trade Union Problems — Seminar Dr. J. Kelly	25/MLS	
Id118	Labour History — Seminar Dr. E. H. Hunt	10/L	Id4222
Id119	Industrial Relations Research Problems — Seminar Professor K. E. Thurley, Dr. K. N. G. Bradley and Dr. S. J. Wood	15/MLS	
Id120	Research Methods in Industrial Relations — Seminar Dr. S. J. Wood	5/L	
Id150	Industrial Relations — Class for Trade Union Studies course Dr. J. Kelly	20/ML	
Id151	Macro-Economic Background to Industrial Relations — Class	25/MLS	
Id152	British Labour History — Class for Trade Union Studies Course Mr. W. M. Stern	20/ML	

INDUSTRIAL RELATIONS

Reading List: H. Blalock, *Social Statistics*; T.U.C., *Working with Figures*.
Examination Arrangements: None.

Id103
Current Labour and Management Problems (Seminar)
Teacher Responsible: Mr. D. Marsden, Room H801 and members of the department.
Course Intended Primarily for graduate students taking labour economics, labour law, industrial sociology, industrial relations and related subjects.
Scope: An interdisciplinary seminar with visiting speakers on the problems of industrial relations.
Teaching Arrangements: Seminars (Id103), Sessional.
Examination Arrangements: None.

Id109
Macro-Economic Background to Industrial Relations
Teacher Responsible: Dr. R. Richardson, Room H711
Course Intended Primarily for M.Sc. in Industrial Relations and the Trade Union Studies course.
Syllabus: An introduction to macro economic theory and policy, with particular reference to recent UK experience; there will be a special emphasis in the labour market aspect of macro economic behaviour.
Teaching Arrangements: Lectures (Id109), Michaelmas Term.
Reading List: W. Keegan & R. Pennant Rea, *Who Runs the Economy?*; M. Stewart, *Politics and Economic Policy in the UK Since 1964*.
Examination Arrangements: None.

Id113
Introductory Practical Statistics
Teacher Responsible: Mr. D. Marsden, Room H801
Course Intended Primarily for the Trade Union Studies course and M.Sc. Industrial Relations and Personnel Management.
Teaching Arrangements: 20 Lectures (Id113), Michaelmas and Lent Terms.

Id119
Industrial Relations Research Problems (Seminar)
Teacher Responsible: Professor K. E. Thurley, Room H707
Course Intended Primarily for research students in Industrial Relations.
Teaching Arrangements: Seminars: (Id119), Sessional.
Examination Arrangements: None.

Id3220
Industrial Relations
Teacher Responsible: Dr. R. Richardson, Room H711
Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u.; Diploma students.
Scope: The course aims to help students analyse the complex relationships between workers, trade unions, management and the State in advanced industrial societies. Although the course will focus on the British situation, reference may also be made to experience in other countries.
Syllabus: Development role and interaction of principal actors in industrial relations systems. Evolution of voluntary collective bargaining vs. legal regulation; theory, practice and reform of bargaining.
Analysis of workplace relations; significance of work groups; technology, power and ideology as key variables. Role of shop stewards. The debate on industrial democracy; industrial conflict and cooperation; analysis of strikes. Structure, organisation and government of trade unions; the phenomenon of "white-collar unionism".
Effect of incomes policies on industrial relations. Impact of multi-national corporations. Scope and limits of the law regulating industrial relations.
Sex discrimination at work. Some comparative perspectives.
Pre-Requisites: A self-contained introductory course requiring no previous knowledge or experience; social, economic and political analysis on complementary courses will prove useful. Some B.Sc. (Econ.) students will go on to specialise in Industrial Relations; Diploma and General Course students will take the

course as a single option.

Teaching Arrangements: The course comprises 25 weekly lectures (Id104) given by Dr. R. Richardson, Sessional. Associated weekly classes will be timetabled for different groups of students (e.g. undergraduates; General Course; Diploma students) commencing in the second week of the first term. All students are expected to join in open class discussion and to submit two pieces of written work per term for their class teachers.

Reading List: The lecture course does not follow a single prescribed text. Class teachers will suggest appropriate readings but the following books should be read during the course:

H. A. Clegg, *The Changing System of Industrial Relations in GB* (1979); The Donovan Report on Trade Unions & Employers' Associations (1968); Allan Flanders, *Management and Unions* (1970).
Examination Arrangements: Assessment is based on student performance in a three hour unseen examination in the Summer Term. Students will be required to answer four out of twelve questions which will be related to material covered in lectures and classes.

Id3221
Id4203

Organisation Theory and Practice

Teacher Responsible: Dr. S. Wood, Room H802

Scope:

- To introduce all students to social science theory and research into organisational problems.
- To discuss alternative approaches and proposed solutions to such problems.
- To facilitate critical evaluation of organisational policies and prescriptions through the examination of cases of attempted changes of organisation structure and behaviour.

Pre-Requisites: No prior knowledge of organisation theory or practical experience is necessary.

Course Intended Primarily for students of B.Sc. Management Sciences, Diploma in Management Sciences, Diploma in Business Studies, B.Sc. Econ. in Industrial Relations, M.Sc. Accounting and Finance, M.Sc. Analysis, Design and Management of Information Systems.

Syllabus: Organisational problems: work motivation; individual job competence and

group performance; organisational effectiveness and decision-making; management authority; management control systems; management/worker conflict; intra-organisational conflict; resistance to change; external constraints.

Approaches to planning change: Changing organisations; scientific management; human relations; self-actualisation; socio-technical organisation re-design; contingency theory; industrial relations reform; industrial democracy; Theory 2 and Japanese management; training and organisational development. Change strategies and the evaluation and assessment of organisational policies.

Teaching Arrangements: In the first two terms the students attend one lecture course (Id107) and one seminar. In the summer term they attend a two hour session which will be case study based with outside speakers. All M.Sc. students are expected to also attend either Industrial Relations (Id104) or Industrial Psychology (Id114).

Reading List: The following list includes some introductory reading and some central texts. A fuller reading list will be provided at the start of the course.

W. Bennis, et al. *The Planning of Change* (3rd edn.); G. Burrell & G. Morgan, *Sociological Paradigms and Organisational Analysis*; J. Child, *Organisations*; D. Guest & D. Fatchett, *Worker Participation: Individual Control and Performance*; C. Handy, *Understanding Organizations*; C. Perrow, *Complex Organizations* (2nd edn.); M. Rose, *Industrial Behaviour*; G. Salaman, *Work Organization*; C. Sofer, *Organizations in Theory and Practice*; K. Thurley & H. Wirdenius, *Supervision: A re-appraisal*; V. Vroom & E. Deci, *Management and Motivation*; T. J. Watson, *Sociology, Work and Industry*.

Written Work: In the first two terms each student will prepare two seminar papers.

Examination Arrangements: One three hour examination paper with approximately twelve questions, four questions to be answered by Undergraduates and Diploma students; three questions by M.Sc. students.

Id3320

Selected Topics in Industrial Relations

Teachers Responsible: Dr. S. Wood, Room H802 and Dr. K. Bradley, Room H803

Course Intended Primarily for B.Sc. (Industrial Relations). B.Sc. (Econ.) 3rd year.

Scope: The aim of this course is to explore in depth some central problems and issues in contemporary industrial relations systems.

Syllabus: The subjects covered will include personnel management; trade union leadership; role of the TUC; collective bargaining; industrial democracy; role of the law; public sector; industrial conflict; pay policy; international issues.

Pre-Requisites: A general knowledge of the social sciences including modern history. A general interest in and knowledge of institutions and processes in the contemporary British industrial relations system, through study or experience.

Teaching Arrangements: Twelve two hour seminars (Id105). Students will be expected to read assigned texts and be prepared to discuss their significance. Each student will be expected to complete essays over the session - two in the Michaelmas and Lent Terms and one in the Summer.

Reading List: R. Undy et al. *Change in Trade Unions*; B. C. Roberts, *Trade Union Government and Administration in Great Britain*; H. A. Clegg, *The Changing System of Industrial Relations*; J. Lovell & B. C. Roberts, *A Short History of the TUC*; A. Flanders, *Management and Unions*; H. A. Clegg, *Industrial Democracy and Nationalisation*; A. Flanders (Ed.), *Collective Bargaining*; F. Blackaby, *The Future of Pay Bargaining*; W. Brown, *The Changing Contours of Industrial Relations*; K. Walker, *Workers' Participation in Management: Concepts & Reality in Industrial Relations and the Wider Society*, Ed. B. Barrett et al.; J. G. Riddall, *The Law of Industrial Relations*; C. Crouch, *Trade Unions: The Logic of Collective Action*; G. K. Ingham, *Strikes and Industrial Conflict: Britain and Scandinavia*; B. C. Roberts (Ed.), *Towards Industrial Democracy*; P. Doeringer et al. *Industrial Relations in International Perspective*; R. Taylor, *The Fifth Estate*; K. Bradley & A. Gelb, *Worker Capitalism: The New Industrial Relations*; *British Journal of Industrial Relations*; *Employment Gazette*; *Industrial Relations Journal*.

Examination Arrangements: One three hour paper taken in June.

Id4200

Industrial Relations and Personnel Management: Institutions and Processes

Teachers Responsible: Professor K. E. Thurley, Room H707, Dr. J. Kelly, Room H712, Mr. D. Marsden, Room H801, Dr. K. Bradley, Room H803

Course Intended Primarily for M.Sc. students.

Scope: The aim of the course is to analyse the institutions and processes which are crucial to the working of British industrial relations and the personnel function at the national, enterprise, establishment and work-place levels.

Syllabus: The first part will cover the main features of British industrial relations system - principles, structure, functions and processes of the enterprise and the unions: business and union strategies; workplace industrial relations; payment systems; collective bargaining; conflict resolution; industrial democracy; the state and industrial relations; the development of labour law. There is a choice in the second part between specialisation in the analysis of industrial relations issues and study of enterprise and establishment level policies and practices.

Pre-Requisites: A general knowledge of the social sciences and/or experience in and knowledge of the British system of industrial relations.

Teaching Arrangements: Ten lectures (Id102) and ten seminars of one and a half hours in the Michaelmas Term. Two separate courses of lectures and classes will be given in the Lent and Summer Terms for each specialisation. Attendance at the **Labour and Management Problems Seminar** is also required. Students will be expected to complete two essays in the Michaelmas Term and present these in the seminars. Each student will have to complete at least two further essays/papers in the Lent and Summer Terms.

Reading List: A. Flanders, *Management and Unions*; J. G. Riddall, *The Law of Industrial Relations*; T. Kochan, *Industrial Relations & Collective Bargaining*; B. Barrett et al. *Industrial Relations and the Wider Society*; T. Lupton & A. Bowey, *Wages and Salaries*; J. T. Dunlop, *Industrial Relations Systems*; R. Taylor, *Workers and the New Depression*; W. W. Daniel & N. Millward, *Workplace Industrial Relations in Britain*; C. Crouch, *The Politics of Industrial Relations*; C. Crouch, *Trade Unions: The Logic of Collective Action*; D. Parnham & J. Pimlott, *Understanding*

Industrial Relations (2nd edn.); G. Bain (Ed.), *Industrial Relations in Britain*.
Examination Arrangements: One three-hour paper taken in June. Essay.

Id4201

Industrial Relations: Theory and Comparative Systems **Teacher Responsible: Mr. D. Marsden, Room H801**

Course Intended Primarily for M.Sc. Students.
Scope: The aim of the course is to provide an introduction to the industrial relations system of a small number of advanced industrial countries, including the USA, the USSR, Japan and West Germany. This is intended to provide the basis for a comparative analysis of industrial relations problems and processes, which is begun in the lectures on comparative systems, and taken into greater depth in the theory course.

Syllabus: The comparative element covers the development and organisation of industrial relations at the industry and plant level in the USA, the USSR, Japan, Sweden, West Germany, France and Italy, and the role of the International Labour Organisation. The course deals with analysis of industrial relations systems, the development of management and trade union and government policies in industrial relations, the theory of collective bargaining and related issues in employment relations.

Pre-Requisites: The course is a core course on the M.Sc. in Industrial Relations, and as such all M.Sc. students are advised strongly to take it. It is also open to Research Fee students, and where appropriate, other M.Sc. students. No previous knowledge of any particular country is required.

Teaching Arrangements: The students will attend one lecture (Id100) and one seminar (Id100a) a week in the first term in the comparative part of the course, and the second and third terms will combine theoretical and comparative analysis. The session will be organised around five themes: trade unionism, management strategy, the state, industrial conflict, collective bargaining and industrial democracy. Students will work in groups divided according to particular regions of the world. During the Lent Term students are expected to attend **Industrial Relations Theory** (Id101).

Written Work: Students may be required to present one essay of up to 2,000 words by the end of each term. In addition, students will be expected to prepare at least one seminar paper during each term.

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Reading List: A full reading list is provided at the beginning of the course, but you might consider obtaining *one* of the following books which will be useful for a large part of the course.

H. A. Clegg, *Trade Unionism under Collective Bargaining*; B. C. Roberts, *Towards Industrial Democracy*; P. B. Doeringer *et al.*, *Industrial Relations in International Perspective*; I. Kochan, *Industrial Relations and Collective Bargaining*; B. Barrett (Ed.), *Industrial Relations and the Wider Society*; J. T. Dunlop, *Industrial Relations Systems*; A. Fox, *Beyond Contract*; G. Bain (Ed.), *British Industrial Relations*; C. Crouch, *Trade Unions: The Logic of Collective Bargaining*; T. Kochan, *Industrial Relations and Collective Bargaining*.

Id4202

Industrial Organization: Theory and Behaviour **Teacher Responsible: Dr. D. E. Guest, Room H710**

Course Intended Primarily for Students taking the M.Sc. in Industrial Relations and Personnel Management.

Scope: This is an inter-disciplinary course which aims to define and examine some of the central problems of organizations and to demonstrate how the application of the social sciences can assist in their analysis and solution. The major focus is on the issue of organizational change, and is concerned with the need for change, the content of change, methods of change and evaluation of change.
Syllabus: Major approaches to organizational change: scientific management; human relations; socio-technical and self-actualisation approaches to the redesign of work; organization development; contingency theory; industrial relations; worker participation; legislation.

The nature of bureaucracy; problems of bureaucracy and change. Theory and methods of diagnosis in organizations; the concept of strategy; strategic planning; strategies of change; models and frameworks for analysing change; theory and methods for evaluation of change.

Pre-Requisites: A background in the social sciences is necessary. Previous work experience is a considerable advantage.

Teaching Arrangements: The course lasts for 25 weeks. The teaching is highly participative and includes lectures (Id106, Id108, Id114)

and classes (mainly in the first term), group working (throughout the year), and case studies (in the Lent and Summer Terms). Formal teaching occurs on Fridays 12.00 – 1.00 and 2.00 – 3.30. In practice, these hours will sometimes be extended and students are advised to allocate the time from 12.00 – 4.00 to the course. Working groups may also wish to meet at other times during the week. Students are also expected to attend lectures on: **Industrial Sociology** (Id106) (teacher responsible, **Dr. S. Hill**); **Industrial Psychology** (Id114) (teacher responsible, **Dr. D. E. Guest**). The teaching is handled mainly by **David Guest** and **Keith Thurley**. There are also contributions from **Stephen Wood** and **John Kelly**. A range of visitors from outside LSE will present cases.

Written Work: There is no formal requirement for written work. However students taking this course are strongly encouraged to write at least one of the essays, which form part of their continuous assessment, in this area. Students will be expected to play an active part in group discussions, analysis of cases and presentation of feedback. The course is demanding of students and depends for its success partly upon their commitment and willingness to participate fully.

Reading List: The following list includes some introductory reading and some central texts. A fuller reading list will be provided at the start of the course.

W. Bennis, *et al.*, *The Planning of Change* (3rd edn.); G. Burrell & G. Morgan, *Sociological Paradigms and Organisational Analysis*; J. Child, *Organisations*; D. Guest & D. Fatchett, *Worker Participation: Individual Control and Performance*; C. Handy, *Understanding Organizations*; C. Perrow, *Complex Organizations* (2nd edn.); M. Rose, *Industrial Behaviour*; G. Salaman, *Work Organization*; C. Sofer, *Organizations in Theory and Practice*; K. Thurley & H. Wirdenius, *Supervision: A re-appraisal*; V. Vroom & E. Deci, *Management and Motivation*; T. J. Watson, *Sociology, Work and Industry*.

Examination Arrangements: There will be a three hour formal examination in the Summer Term. Candidates must tackle three from a choice of twelve questions.

Id4203

Industrial Organization **See Organization Theory and Practice Id3221**

Id4220

Industrial Psychology **Teacher Responsible: Dr. D. E. Guest, Room H710**

Aims and Scope: The aims of the course are to provide a psychological framework for the analysis and understanding of the behaviour of individuals as workers and as members of work groups; to demonstrate the value of psychology and of a psychological perspective in understanding human behaviour at work; and to examine a number of topics and issues in industrial relations and organizational behaviour where psychology has a particular contribution to make.

Syllabus: Motivation at work; job satisfaction, pay, incentives and rewards; work values, authoritarianism, power and the need for achievement; the influence of individual differences in age, sex and ability. Accidents; stress, boredom and monotony at work; absenteeism and labour turnover; the psychology of unemployment.

Psychology and industrial relations; trade union roles and involvement; bargaining; industrial conflict; conflict resolution. Quality of working life, working conditions and arrangements, work and non-work; job design; participation, leadership and group behaviour; organization development and change; organizational change; concepts of health and well-being.

Pre-Requisites: The course is designed for students on the M.Sc. in Industrial Relations and Personnel Management. Some students on the M.Sc. in Social Psychology, subject to the permission of their tutor, may also take the course. Some background in psychology is desirable. Students without such a background may take the course, but may find certain sections difficult.

Teaching Arrangements: The course is taught by **David Guest** and **John Kelly**.

Lectures: 24 lectures (Id114) – 9 in the Michaelmas, 10 in the Lent and 5 in the Summer Term.

Classes: 24 classes.

Students are expected to prepare and present papers as a basis for class discussion. Other members of the class will be expected to do some specified preparatory reading each week.

Written Work: There is no formal requirement for written work in connection with the course. However students are strongly encouraged to write at least one of the four essays that constitute part of the continuous assessment on the M.Sc. on a subject in the field of Industrial Psychology. These essays are set and marked by **David Guest** and **John Kelly**.

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Reading List: The following reading list contains some of the main volumes and some easily accessible introductory volumes. A full reading list will be issued at the start of the course.

C. Cooper & R. Payne, *Stress At Work*, Wiley, (1978); L. Davis & A. Cherns, *The Quality of Working Life*, Vol. 1, Free Press (1976); L. Davis & J. C. Taylor, *Design of Jobs*, Penguin, (1972); D. Guest & D. Fatchett, *Worker Participation: Individual Control and Performance*, IPM, (1974); J. R. Hackman & G. R. Oldham, *Work Redesign*, Addison-Wesley, (1980); D. Katz & R. L. Kahn, *The Social Psychology of Organizations*, Wiley, (1978); I. Morley & G. Stephenson, *The Social Psychology of Bargaining*, George Allen & Unwin, (1977); P. B. Smith, *Groups Within Organizations*, Harper & Row, (1973); G. Stephenson & C. J. Brotherton, *Industrial Relations A Social-Psychological Approach*, Wiley, (1979); R. M. Steers & L. W. Porter, *Motivation and Work Behaviour*, McGraw-Hill, (1982); V. Vroom & E. Deci, *Management and Motivation*, Penguin, (1970); P. B. Warr, *Psychology at Work*, Penguin, (1978); M. Weir, *Job Satisfaction*, Fontana, (1976).

Examination Arrangements: There is a formal three-hour examination in the Summer Term. Candidates should answer three questions out of a choice of twelve. The pass mark is 40 per cent.

Id4221

Industrial Sociology

Teacher Responsible: Dr. S. R. Hill, Room A454a (Secretary, Ms. E. Hartwell, A453, Ext. 454)

Course Intended Primarily for graduate students in the departments of Industrial Relations and Sociology.

Scope: Coverage of recent industrial sociology at an advanced level, with an emphasis on the labour process and issues of political economy, linking with contemporary debates in Sociology and Industrial Relations.

Syllabus: Competing interests at work. The development of the managerial function. Managerial structure and goals. Bureaucracy and organizational theory. The Japanese corporation. Self-management. Industrial democracy. Work behaviour and job satisfaction. The deskilling debate. Labour market segmentation. Women in employment. The institutionalization of industrial conflict. Trade union representativeness and effectiveness. The structure of the working

and middle classes. Ideology and consciousness. The collective organization of non-manual employees. The state, political parties and the economy.

Pre-Requisites: Students should have a degree in Sociology or a joint degree with a sizeable component of Sociology; other students will be admitted at the discretion of the teaching staff.

Teaching Arrangements: There will be 20 lectures (Id106) given by Dr. S. R. Hill of the Sociology Department and Dr. K. Bradley of Industrial Relations, and 23 seminars supervised by the same teachers. The lectures are intended broadly to survey the relevant material on each subject while the seminars, with papers presented by students, are intended to pursue a topic or some specific aspect in more detail.

Written Work: Each student is expected to present at least one seminar paper and, depending on the number of people attending, may be asked to present two; seminar presentations are not normally read by the teachers and students can make their presentations from notes if they wish.

Reading List: The recommended textbook is S. Hill, *Competition and Control at Work*. Other books of a general nature that cover substantial parts of the syllabus are: H. Braverman, *Labor and Monopoly Capital*; C. Crouch, *Trade Unions: The Logic of Collective Action*; R. Edwards, *Contested Terrain*; A. Giddens & G. Mackenzie (Eds.), *Social Class and the Division of Labour*; D. M. Gordon et al., *Segmented Work, Divided Workers*; S. Wood (Ed.), *The Degradation of Work?*

The major additional references for individual topics on the syllabus, arranged chronologically by topic, are:

A. Fox, *Beyond Contract*, Chaps. 6 and 7; C. Littler, *The Development of the Labour Process*; J. Scott, *Corporations, Classes and Capitalism*, Chaps. 2-4; M. Crozier, *The Bureaucratic Phenomenon*, Part 3; R. Dore, *British Factory - Japanese Factory*; K. Bradley & A. Gelb, *Worker Capitalism*; J. Thornley, *Workers' Co-operatives*; M. Poole, *Workers' Participation in Industry*; J. Goldthorpe et al., *The Affluent Worker*, Vol. 1; A. Zimbalist, *Case Studies on the Labor Process*; I. Berg (Ed.), *Sociological Perspectives on Labor Markets*, Chaps. 4 and 5; A. Amsden (Ed.), *The Economics of Women and Work*; J. West (Ed.), *Work, Women and the Labour Market*; W. Korpi & M. Shalev, 'Strikes, industrial relations and class conflict', *British Journal of Sociology*, 1979; A. Carew, *Democracy and Government in European Trade Unions*, Chaps. 8 and 9; A. Giddens, *The Class Structure of*

the Advanced Societies; N. Abercrombie et al., *The Dominant Ideology Thesis*; G. Bain, *The Growth of White-Collar Unionism*; F. Parkin, *Marxism and Class Theory*, Part 2.

A more comprehensive bibliography will be available to students taking this course.

Examination Arrangements: A three-hour written examination in the Summer Term, students choosing three out of twelve questions.

Id4222

Labour History

See British Labour History EH2700

Id4223

Employment and Development

Teacher Responsible: Dr. R.

Richardson, Room H711

Course Intended Primarily for M.Sc. Industrial Relations and Personnel Management.

Scope: The course considers the policies that organisations adopt in order to deal with a range of manpower problems.

Syllabus: The policies and institutional arrangements that are a reaction to the problems posed by such factors as labour turnover, absenteeism, lack of information, an uncertain future and employee heterogeneity. Internal labour markets and labour market segmentation: The reasons for and consequences of labour market structures internal to organisations, and the analysis of labour markets divided into non-competing groups.

Teaching Arrangements: There are 25 lectures (Id112) given by Dr. David Guest, Mr. David Marsden and Dr. Ray Richardson.

Reading List: There is no text book covering the range of material presented. However students might like to read P. Doeringer and M. Piore, *Internal Labour Markets and Manpower Analysis*.

Examination Arrangements: Assessment in the paper is determined by performance in a three hour exam in which the candidate is expected to answer three from approximately nine questions.

Id4224

Labour Market Analysis

Teacher Responsible: Dr. R.

Richardson, Room H711

Course Intended Primarily for M.Sc. Industrial Relations and Personnel Management.

Scope: The course explores those aspects of labour economics that are most relevant for industrial relations.

Syllabus: The economic analysis of trade unions: including models of trade union growth and structure, the analysis of trade union behaviour and the consequences of trade unions on resource allocation and distribution.

The structure of pay.

The analysis of unemployment: including a discussion of the possible causes of unemployment, its structural characteristics and policies designed to reduce its extent and impact.

Wage inflation and incomes policies.

Pre-Requisites: The course assumes some undergraduate training in economics but this is not essential; some prior exposure to labour economics is useful, as is some familiarity with statistical methods. Students with no such background might find it useful selectively to attend the undergraduate lectures in these areas.

Teaching Arrangements: The teaching is given by Mr. David Marsden and Dr. Ray Richardson. The former gives lectures (Id111) on the structure of pay in the first term (starting in the 4th week of term) and 5 lectures on Inflation and Incomes Policy in the second term (starting in the first week of term). Dr. Richardson gives 10 lectures (Id112) on Trade Unions in the first term and 10 lectures on Unemployment in the second term; he also gives 10 lectures on the **Macro-Economic Background to Industrial Relations** (Id109) in the first term which students choosing **Labour Market Analysis** are advised to attend. Each of these lecture series has a set of associated classes, timetable details of which will be provided in the first 2 weeks of the year. Students are expected to make at least one class presentation and to hand in a piece of written work in connection with that presentation.

Reading List: There is no single textbook in the areas covered. Other books that should be consulted include:

M. Olson, *The Logic of Collective Action*; C. Mulvey, *The Economic Analysis of Trade Unions*; E. H. Phelps Brown, *The Inequality of Pay*; F. Blackaby (Ed.), *The Future of Pay Bargaining*; D. B. Mitchell, *Unions, Wages and Inflation*.

Examination Arrangements: Assessment in the paper is determined by performance in a three-hour exam in which the candidate is expected to answer three from approximately nine questions.

International History Study Guides:

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
Hy100	The History of European Ideas since 1700 Professor M. S. Anderson and Dr. R. W. D. Boyce	25/MLS	Hy3406
Hy101	Political History, 1789-1941 Dr. A. Sked and Mr. E. M. Robertson	25/MLS	Hy3400; Hy3462; Hy3465
Hy102	World History since 1890 Mr. G. Grün	25/MLS	Hy3403
Hy110	Introduction to British History Mr. J. B. Gillingham	2/M	Hy110
Hy111	British History to the End of the 14th Century Mr. J. B. Gillingham	28/MLS	Hy3420
Hy112	British History from the Beginning of the 15th to the Middle of the 18th Century Dr. D. Starkey	30/MLS	Hy3426; Hy3423; Hy3429
Hy113	British History from the Middle of the 18th Century Dr. A. C. Howe and Dr. D. Stevenson	25/MLS	Hy3435; Hy3432
Hy119	European History since 1800 Dr. R. J. Bullen	25/MLS	Hy3465
Hy125	International History, 1494-1815 Dr. D. McKay and Professor M. S. Anderson	25/MLS	Hy3500; Hy3459; Hy3456
Hy126	International History, 1815-1914 Dr. R. J. Bullen and Dr. A. Sked	25/MLS	Hy3503
Hy127	Bismarck and Imperial Germany in International Affairs, 1867-1890 Professor Mommsen	10/L	Hy3503
Hy128	International History since 1914: (i) to 1945 Mr. G. Grün and Professor D. C. Watt	25/MLS	Hy3506

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Hy129	International History since 1914: (ii) since 1945 Professor D. C. Watt and Professor I. H. Nish	10/M	Hy3506; Hy4540
Hy130	Diplomatic History, 1814-1957 (Intercollegiate Class) Professor I. H. Nish and Mr. G. Grün	25/MLS	Hy3510
Hy133	The History of Russia, 1682-1917 - Class Professor M. S. Anderson, Dr. D. C. B. Lieven and Dr. A. B. Polonsky	25/MLS	Hy3545
Hy134	War and Society, 1600-1815 Dr. D. McKay	25/MLS	Hy3520
Hy135	Revolution, Civil War and Intervention in the Iberian Peninsula, 1808-1854 Dr. R. J. Bullen	10/M	Hy3523
Hy137	British-American-Russian Relations, 1815-1914 Professor M. S. Anderson, Professor I. H. Nish and Professor K. Bourne	25/MLS	Hy3526
Hy140	Fascism and National Socialism in International Politics, 1919-1945 Dr. A. B. Polonsky and Mr. E. M. Robertson	12/ML	Hy3538
Hy141	International Economic Diplomacy of the Inter-War Period (not available 1984-85) Dr. R. W. D. Boyce		Hy3539
Hy142	The Reshaping of Europe, 1943-57 Professor D. C. Watt, Dr. R. J. Bullen and Dr. D. Stevenson		Hy3540
Hy143	The Habsburg Monarchy and the Revolutions of 1848 - Class Dr. A. Sked	20/ML	Hy3550
Hy146	The Great Powers and the Balkans 1908-1914 - Class Dr. A. B. Polonsky	20/ML	Hy3556
Hy147	Great Britain and the Peace Conference of 1919 - Class Mr. G. A. Grün	22/MLS	Hy3559
Hy148	The Manchurian Crisis, 1931-33 Professor I. H. Nish	22/MLS	Hy3562

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Hy149	The League of Nations in Decline, 1933-37 Mr. E. M. Robertson	20/ML	Hy3565
Hy150	The Great Powers and the Near and Middle East, 1898-1956 (not available 1984-85) Professor D. C. Watt	10/M	Hy3535
Hy154	Palmerston, the Cabinet and European Policy of Great Britain, 1846-51 (Intercollegiate Seminar) Dr. R. J. Bullen	30/MLS	Hy3580
Hy155	Japan and the Far Eastern Crisis 1931-41 (Intercollegiate Seminar) Professor I. H. Nish and Dr. Sims (SOAS)	30/MLS	Hy3583
Hy156	The Great Powers, 1945-1954 (Intercollegiate Seminar) Dr. A. B. Polonsky and Dr. A. Sked	30/MLS	Hy3586
Hy172	International Economic Diplomacy in the Inter-War Period Dr. R. W. D. Boyce		Hy4431
Hy241	European History since 1945 Dr. A. Sked	25/MLS	Hy4540
Hy254	International history, 1814-1919 - Seminar Dr. R. J. Bullen and Dr. A. Sked	14/MLS	Hy254
Hy255	International History since 1919 - Seminar Professor D. C. Watt, Mr. G. Grün and Mr. E. M. Robertson	14/MLS	Hy255

INTERNATIONAL HISTORY
For B.A. History courses, which are taught and examined on an inter-collegiate basis, students should also consult the White Pamphlet. The study guide entry indicates how the subject is taught at LSE.

Political History 1789-1941 Hy3400

Teacher Responsible: Dr. A. Sked, Room E408 (Secretary, Mrs. Vivien Kannor, E402)

Course Intended Primarily for B.Sc. (Econ.) Part I; B.A. History and B.Sc. (Econ.) Part II students.

Scope: A general survey of European History in the period with some attention to developments outside Europe.

Syllabus: The course begins with the origins of the French Revolution and proceeds through the Revolutionary and Napoleonic era in European history, to Europe in the age of Metternich, the 1848 Revolutions, the era of Bismarck and Napoleon III, the causes and consequences of the First World War, Fascism and National Socialism, the Soviet Union after 1917, the outbreak of the Second World War, and the war itself till 1941. The national histories of most countries in the period are covered as is the history of European imperialism.

Pre-Requisites: None: this is a general, introductory course.

Teaching Arrangements: 25 weekly lectures (Hy101) Sessional; also one class (Hy101a) per week in conjunction with the lecture course. Students are expected to give at least two class papers per year and to participate in class discussions. They will also be expected to submit at least 3 essays in the course of the year.

Reading List: A full list will be given out at the beginning of the first term. Essential reading matter, however, would include the following: J. McManners, *Lectures on European History 1789-1914*; M. S. Anderson, *The Ascendancy of Europe 1815-1914*; J. B. Joll, *Europe Since 1870*; A. Sked (Ed.), *Europe's Balance of Power 1815-1848*; J. Roberts, *Europe 1880-1945*; A. J. P. Taylor, *The Struggle for Mastery in Europe 1848-1918*; G. Rude, *Revolutionary Europe 1789-1815*.

Examination Arrangements: There is a formal

three-hour examination at the end of the year in which candidates are required to answer four questions out of about twenty.

World History Since 1890 Hy3403

Teacher Responsible: Mr. G. Grün, Room E600 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part I. Also offered at Part II.

Scope: A general introductory survey of international politics in the twentieth century.

Syllabus: An introductory political survey of the twentieth century with special emphasis on the changing role of Europe. The origins and consequences of two world wars, the emergence of the United States as a world power, the international communist movement, the breakdown of the European colonial empires and the growth of independence movements in Asia and Africa will be discussed and internal and regional problems of newly independent as well as of old established states considered in the wider context of international relations since the beginning of the century.

Pre-Requisites: None.

Teaching Arrangements: 25 lectures (Hy102), Sessional. 24 classes (Hy102a), Sessional.

Reading List: A useful introduction is provided by: G. Barraclough, *An Introduction to Contemporary History* (1982); P. Calvocoressi, *World Politics Since 1945* (1982); F. Gilbert, *The End of the European Era. 1890 to the Present* (1970); J. A. S. Grenville, *A World History of the Twentieth Century*; J. B. Joll, *Europe Since 1870* (1973); D. C. Watt, F. Spencer & N. Brown, *A History of the World in the Twentieth Century* (1967).

Written Work: Students will be asked to prepare papers for discussion in class and to write two essays in each of the first two terms.

Examination Arrangements: There will be a formal three-hour examination at the end of the Summer Term. Students are expected to answer four questions, chosen from a list of over 20 questions arranged in chronological order.

The History of European Ideas Since 1700 Hy3406

Teacher Responsible: Robert Boyce, Room E500 (Secretary, Mrs. V. Brooke, E602)

Course Intended Primarily for B.Sc. (Econ.) Parts I and II; B.A. History.

Scope: A survey of European intellectual history from 1700 to the present.

Syllabus: This paper places the development of general social thought and political ideologies within the broad context of European history. Among the issues examined are the spread of Enlightenment ideas and their relation to eighteenth century government; the intellectual causes and consequences of the French revolution; the advent of modern conservatism and liberalism; sources of nationalism; the rise of anti-capitalist movements in particular socialism and anarchism; positivism and the challenge of the irrational towards the end of the nineteenth century; and the dynamic links between social Darwinism, racism, imperialism, revolutionary syndicalism and fascism in the twentieth century. Stress is laid upon the individuals whose intellectual contributions shaped the various modern movements: their lives, their seminal ideas, and the means by which their influence was exerted.

Pre-Requisites: None.

Teaching Arrangements: 25 lectures, 8 by Professor M. S. Anderson on aspects of the eighteenth century, 17 by Dr. R. Boyce, Dr. Howe and others on the nineteenth and twentieth centuries (Hy100). 25 weekly classes (Hy100a).

Written Work: Each student is required to write at least four essays during the year, as well as contributing occasional short oral presentations to the class.

Reading List: There is no specific required reading, (and no one book adequately covers the syllabus), but students will be expected to read a selection of primary and secondary literature, as recommended at the start of the year for each meeting of the class.

Among the secondary works recommended are: Norman Hampson, *The Enlightenment*; Peter Gay, *The Enlightenment: An Interpretation* (2 Vols.); Leonard Krieger, *Kings and Philosophers, 1689-1789*; Alfred Cobban, *Edmund Burke and the Revolt Against the Eighteenth Century*; Charles Taylor, *Hegel and Modern Society*; Maurice Mandelbaum, *History, Man and Reason*; Jacob Talmon, *Romanticism and Revolt: Europe 1815-1848*;

Hans Kohn, *Prophets and Peoples: Studies in 19th Century Nationalism*; Leszek Kolakowski, *Main Currents of Marxism* (3 Vols.); Philip Appleman (Ed.), *Darwin*; Walter Kaufmann, *Nietzsche*; Fritz Stern, *The Politics of Cultural Despair*; H. S. Hughes, *Consciousness and Society: The Reorientation of European Social Thought, 1890-1914*; Michael Biddiss, *The Age of the Masses*; F. H. Hinsley, *Power and the Pursuit of Peace*; G. L. Mosse, *Toward the Final Solution: A History of European Racism*; J. Chiari, *Twentieth Century French Thought: From Bergson to Lévi-Strauss*.

Examination Arrangements: Towards the end of the Summer Term there is a three-hour examination based on the full syllabus i.e. not merely on topics 'covered' in lectures and classes. Candidates will, however, be offered a wide choice of questions, from which they must answer four. The paper is divided into two parts, the questions in the first part being devoted to the period up to approximately 1815, the questions in the second part devoted to the subsequent period. Students must answer at least one question from each part.

British History Down To The End of the Fourteenth Century Hy3420

Teacher Responsible: John Gillingham, Room E494 (Secretary, Mrs. I. B. Capsey, E602)

Course Intended Primarily for B.A. History. 1st, 2nd or 3rd years.

Scope: An outline course of mostly English History from the departure of the Romans (c. 400 A.D.) to the deposition of Richard II (1399).

Syllabus: Stress is placed on long-term themes as well as on short-term issues. All aspects - political, social, economic, religious, cultural - are considered as well as relations between England and Wales, Scotland, Ireland and France. The range of topics includes: kingship and the construction of a unity system of law and administration; the question of the rise and decline of 'feudalism'; the rural world of landlords and peasants; the growth of towns and overseas trade; conversion to Christianity and the resulting forms of church organization and religious outlook, from monasticism to the beginnings of nonconformity; the emergence of parliament as the vehicle of a developing sense of political community.

Pre-Requisites: A willingness to undertake a considerable amount of private reading and to talk about the subject.

Teaching Arrangements: One lecture Hy111, and one class Hy111(e) a week for 28 weeks; lecturer and class teacher: **John Gillingham**. The classes normally take place in E494. The introductory lecture course (Hy110) is also relevant.

Written Work: Each student is required to write two essays a term.

Reading List: No one book adequately covers the entire syllabus. Students are advised to buy:

P. H. Sawyer, *From Roman Britain to Norman England*; F. Barlow, *The Feudal Kingdom of England*; M. Keen, *England in the Later Middle Ages*.

Detailed reading lists will be circulated at each class, but other outline books include: J. Campbell, *The Anglo-Saxons*; P. H. Blair, *An Introduction to Anglo-Saxon England*; F. W. Maitland, *Domesday Book and Beyond*; C. N. L. Brooke, *The Saxon and Norman Kings*; M. Clanchy, *England and its Rulers 1066-1272*; G. W. Barrow, *Feudal Britain*; E. King, *England 1175-1425*; J. L. Bolton, *The Medieval English Economy*; M. Prestwich, *The Three Edwards*.

Examination Arrangements: Towards the end of the Summer Term there is a three-hour formal examination based on the full syllabus, i.e. not merely on topics 'covered' in lectures and classes. Candidates will, however, be given a wide choice of questions, c.30, from which they answer *only four*. The paper is divided into two sections, the questions in Section A being markedly more general than those in Section B. Candidates must tackle *at least one* from each section.

Hy3423

English History, 1399-1603

Teacher Responsible: Dr. David Starkey, Room E409 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part II and B.A./B.Sc. c.u. main field Geog.

Scope: An introduction to the 'new' political history of England in the years of the Wars of the Roses, and the Renaissance and Reformation. It draws heavily on social and cultural history and deals with the informal realities of power as much as the formal machinery of government

Syllabus: 'A peculiar people': England and Continental Europe; Lancastrian government

and its breakdown: defeat abroad or the mismanagement of bastard feudalism at home?; York and Tudor; the restoration of government and the relationship of politics and administration; Henry VII: a one-man band; Henry VIII: great ministers, factions and the dominance of the court; the Renaissance as cultural colonization; Reformation and rebellion: popular protest or backstairs intrigue?; the mid-Tudor years: continuity or crisis?; Parliament: 'government and opposition' or factional disputes?; Elizabethan puritanism: minority or mainstream?

Pre-Requisites: No previous knowledge of the history of the period is needed. But as in all history courses extensive reading is called for.

Teaching Arrangements: The course is taught by both lectures and classes. There are 30 lectures (Hy112), weekly in the Michaelmas and Lent Terms and twice-a-week in the first 5 weeks of the Summer Term. The lectures cover the whole period 1399-1760 so only the first half or so of the lectures is directly relevant. However students would be well advised to attend the entire course to round out their knowledge. Classes (Hy112b) are weekly, 10 each in the Michaelmas and Lent Terms, and 5 in the Summer Term in E409. A handout is issued at the beginning of the course. This gives the main topics covered in lectures and classes; detailed bibliographies which are designed to suggest methods of approach as well as merely to list books; and suggested essay topics.

Written Work: 6 essays, to be chosen largely but not exclusively from the topics listed in the course handout, will be required: 2 in the Michaelmas Term; 3 in the Lent Term and 1 in the Summer Term. The essays will normally be returned and discussed during tutorial hours. On the other hand, class papers as such are not usually employed; instead general participation is required and will be secured if need be by Socratic questioning!

Reading List: No one book covers the entire syllabus but the following textbooks are useful and should be bought: J. R. Lander, *Conflict and Stability*; S. Medcalf, *The Later Middle Ages*; C. Russell, *The Crisis of Parliaments*; G. R. Elton, *Reform and Reformation*.

More detailed coverage of particular aspects will be found in: B. P. Wolffe, *Henry VI*; C. D. Ross, *Edward IV*; B. P. Wolffe, *The Crown Lands*; A. Wagner, *English Genealogy*; C. D. Ross, *Richard III*; S. B. Chrimes, *Henry VII*; J. J. Scarisbrick, *Henry VIII*; A. G. Dickens, *The English Reformation*; M. Girouard, *Life in the English Country House*; K. Charlton,

Education in Renaissance England; A. Fletcher, *Tudor Rebellions*; J. Loach & R. Tittler, *The Mid-Tudor Polity*; P. Collinson, *The Elizabethan Puritan Movement*.

It must be emphasized that this list merely illustrates something of the variety of the course; it is *NOT* a substitute for the full bibliography in the course handout.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term based on the ground covered during the course. The examination paper normally contains 14 questions, of which 4 must be answered. It is important to answer the four questions required, since each carries one quarter of the total marks. Weight will be given to the quality of the presentation and argument shown in the answers as well as to the range of factual knowledge displayed.

Hy3426

British History from the Beginning of the Fifteenth Century to the Middle of the Eighteenth Century

Teacher Responsible: Dr. David Starkey, Room E409 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.A. History.

Scope: An introduction to the political history of England from the Wars of the Roses to the Whig Ascendancy. It draws heavily on social and cultural history; deals with the informal realities of power as much as the formal machinery of government, and tries to familiarize students with the full range of arguments deployed in one of the most hotly-debated areas of English history.

Syllabus: The Wars of the Roses: bastard feudalism and foreign policy; the 'New Monarchy'; Henry VIII: court and faction; Renaissance, Reformation and rebellion; the mid-Tudor years; Parliament: Puritans and Arminians; James I: favourites and reform; localism and political consciousness; 1639-42: the breakdown of government and the outbreak of war; the New Model Army; radicalism and the Rump; the Protectorate; Restoration and religion; parties and Parliament; war and finance; corruption and political stability.

Pre-Requisites: No previous knowledge of the history of the period is needed. But as in all history courses extensive reading is called for.

Teaching Arrangements: The course is taught

by both lectures and classes. There are 30 lectures (Hy112), weekly in the Michaelmas and Lent Terms and twice-a-week in the first 5 weeks of the Summer Term. Classes (Hy112a) are weekly, 10 each in the Michaelmas and Lent Terms, and 5 in the Summer Term. A handout is issued at the beginning of the course. This gives the main topics to be covered in lectures and classes; detailed bibliographies that are designed to suggest methods of approach as well as merely to list books; and suggested essay topics. There is an introductory lecture course Hy110.

Written Work: 6 essays, to be chosen largely from the topics listed in the course handout, will be required: 2 in the Michaelmas Term; 3 in the Lent Term and 1 in the Summer Term. The essays will normally be returned and discussed during tutorial hours. On the other hand, class papers as such are not usually employed; instead general participation is required and will be secured if need be by Socratic questioning!

Reading List: No one book covers the entire syllabus but the following textbooks are useful and should be bought:

J. R. Lander, *Conflict and Stability*; G. R. Elton, *Reform and Reformation*; B. Coward, *The Stuart Age*.

More detailed coverage of particular aspects will be found in:

J. R. Lander, *Government and Community*; J. J. Scarisbrick, *Henry VIII*; C. Cross, *Church and People*; M. Girouard, *Life in the English Country House*; A. Fletcher, *Tudor Rebellions*; K. Sharpe (Ed.), *Faction and Parliament*; A. Fletcher, *The Outbreak of the English Civil War*; C. Hill, *The World Turned Upside Down*; J. R. Jones, *The Restored Monarchy*; J. H. Plumb, *The Growth of Political Stability in England*.

It must be emphasised that this list merely illustrates something of the variety of the available reading; it is *NOT* a substitute for the full bibliography in the course handout.

Examination Arrangements: There will be a formal three-hour examination in the Summer Term, usually of the student's final year. The examination contains about 35 questions and is divided into three sections. Four questions must be answered, drawn from at least two sections. It is important to answer the four questions required, since each carries one quarter of the total marks. Weight will be given to the quality of the presentation and argument shown as well as to the range of factual knowledge displayed.

Hy3429

British History, 1603-1760

Teacher Responsible: Dr. David Starkey, Room E409 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part II, B.Sc. c.u. main field Geog.

Scope: An introduction to the 'new' political history of England in the years of the Civil War, the Restoration and the Whig Ascendancy. It deals with a society moving from stability to crisis and back again, and tests and debates the enormous range of explanations which have been offered.

Syllabus: Politics under James I: the rule of favourites and the role of reform; religion: 'revolutionary' Arminians and 'conservative' Puritans?; localism and political consciousness; 1639-42: the breakdown of government and the outbreak of war; the New Model Army; Radicalism and the Rump; the Protectorate; Restoration and religion; parties and Parliament; war and finance; corruption and political stability.

Pre-Requisites: No previous knowledge of the history of the period is needed. But as in all history courses extensive reading is called for.

Teaching Arrangements: The course is taught by both lectures (Hy112) and classes (Hy112c). There are 30 lectures, weekly in the Michaelmas and Lent Terms and twice-a-week in the first 5 weeks of the Summer Term. The lectures cover the whole period 1399-1760 so only the second half or so of the lectures is directly relevant. However students would be well advised to attend the entire course to round out their knowledge. Classes are weekly, 10 each in the Michaelmas and Lent Terms, and 5 in the Summer Term. Up to 1660, the classes are taken by **Dr. Starkey**, after 1600, by **Mrs. Anthea Bennett**. A handout is issued at the beginning of the course. This gives the main topics to be covered in lectures and classes; detailed bibliographies which are designed to suggest methods of approach as well as merely to list books; and suggested essay topics.

Written Work: 6 essays, to be chosen largely but not exclusively from the topics listed in the course handout, will be required.

Reading List: No one book covers the entire syllabus but the following textbook is useful and should be bought:

B. Coward, *The Stuart Age*.

More detailed coverage of particular aspects will be found in: G. P. V. Akrigg, *Jacobean Pageant, or the Court of James I*; K. Sharpe (Ed.), *Faction and Parliament*; A. J. Fletcher, *The Outbreak of the English Civil War*; J. B.

Morrill, *The Revolt of the Provinces*; M. Kishlansky, *The Rise of the New Model Army*; C. Hill, *The World Turned Upside Down: God's Englishman*; J. R. Jones (Ed.), *The Restored Monarchy*; P. M. G. Dickson, *The Financial Revolution*; J. H. Plumb, *The Growth of Political Stability in England*.

It must be emphasized that this list merely illustrates something of the variety of the available reading; it is *NOT* a substitute for the full bibliography in the course handout.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term based on the ground covered during the course. The examination paper normally contains 14 questions, of which four must be answered. It is important to answer the four questions required, since each carries one quarter of the total marks. Weight will be given to the quality of the presentation and argument shown as well as to the range of factual knowledge displayed.

Hy3432

British History 1760-1914

Teacher Responsible: Dr. A. C. Howe, Room E507 (Secretary, Mrs. V. Brooke, E602)

Course Intended Primarily for B.Sc. (Econ.) Part II second or third year.

Scope: The course surveys the history of the British Isles between the accession of George III and the outbreak of the First World War. Approximately half the course is concerned with the evolution of British governmental institutions, with parliamentary politics at Westminster, and with political movements in the country at large. Attention is also given, however, to economic and social change, to religion and the history of ideas, and to Britain's foreign and imperial relations. Among the principal themes of the course are the effects of industrialization and of the beginnings of Britain's relative economic decline; the emergence of Britain's democracy and the forces making for political stability and instability; the distinctive development of Ireland and the Celtic fringe; and the rise and erosion of the United Kingdom's status as a world power.

Syllabus: Copies of detailed reading lists, class schedules and past examination papers may be obtained from **Dr. Howe**.

Pre-Requisites: No special qualifications are required. Students wishing to follow the course, however, are advised to acquire an outline knowledge of the period in advance by consulting the works listed in section (a) of

the reading list below.

Teaching Arrangements: Teaching is by a combination of lectures, classes and (most important) individual study and written work. The principal lecture course is Hy113.

Students may also wish to attend the lectures given by **Professor Barker** and **Dr. Hunt** in the Economic History Department on the **Economic and Social History of Britain from 1815** (EH103) and by **Mrs. Bennett** in the Government Department on the **History of British Politics from the Seventeenth to the Twentieth Century** (Gv151).

Weekly classes (Hy113b) will be given during the Michaelmas and Lent Terms and during the first five weeks of the Summer Term. Attendance at these classes is a course requirement.

Written Work: Students will be expected to produce five essays during the year, for marking by and discussion with their class teacher. They should also be prepared to give short class papers. It should be stressed that it is primarily on this written work and on private reading that students' preparedness for the examination will depend.

Reading List: The following list contains recommended introductory surveys and some more specialized and interpretative works. All of these titles are available in paperback editions and are sufficiently useful to be worth buying, although students may consult them in the Library.

(a) **Introductory Surveys:** I. R. Christie, *Wars and Revolutions: Britain, 1760-1815* (Arnold); A. Briggs, *The Age of Improvement* (Longman); N. Gash, *Aristocracy and People: Britain, 1815-1865* (Arnold); R. T. Shannon, *The Crisis of Imperialism, 1865-1915* (Granada); D. Read, *England, 1868-1914: The Age of Urban Democracy* (Longman).

(b) **More Specialized:** J. Cannon, *Parliamentary Reform, 1640-1832* (Cambridge University Press); R. Floud & D. McCloskey (Eds.), *The Economic History of Britain Since 1700* (Cambridge University Press); A. D. Gilbert, *Religion and Society in Industrial England: Church, Chapel and Social Change, 1760-1914* (Longman); E. J. Hobsbawm, *Industry and Empire: An Economic History of Britain Since 1750* (Pelican); E. H. Hunt, *British Labour History, 1815-1914* (Weidenfeld); P. M. Kennedy, *The Realities Behind Diplomacy: Background Influence On British External Policy, 1865-1980* (Fontana); F. S. L. Lyons, *Ireland Since the Famine* (Fontana); H. J. Perkin, *The Origins of Modern English Society, 1780-1880* (Routledge); B. Porter, *The Lion's Share: A Short History of British Imperialism, 1850-1970* (Longman); M. Pugh, *The Making of Modern*

British Politics, 1867-1939 (Blackwell); E. P. Thompson, *The Making of the English Working Class* (Pelican); R. Williams, *Culture and Society, 1780-1950* (Pelican).

Examination Arrangements: The course is examined by a three-hour question paper in the Summer Term. Candidates are expected to answer four questions.

Hy3435

B.A. (History): British History from the Middle of the Eighteenth Century

N.B. B.A. (History) courses are taught and examined on an inter-collegiate basis. This study guide is intended to help the student and to indicate the teaching arrangements within the LSE: it in no way formally defines the syllabus.

Teacher Responsible: Dr. A. C. Howe, Room E507 (Secretary, Mrs. V. Brooke, E602)

Copies of detailed reading lists, class schedules, and past examination papers may be obtained from **Dr. Howe**.

Scope: The course surveys the history of the British Isles between 1750 and the present. Approximately half the course is concerned with the evolution of British governmental institutions, with parliamentary politics at Westminster, and with political movements in the country at large. Attention is also given, however, to economic and social change, to religion and the history of ideas, and to Britain's foreign and imperial relations.

Among the principal themes of the course are the effects of industrialization and of Britain's subsequent relative economic decline; the emergence of British democracy and the forces making for political stability and instability; the distinctive development of Ireland and the Celtic fringe; the evolution of social policy; the rise and erosion of the United Kingdom's status as a world power; and, the causes and consequences of British participation in the two World Wars.

Pre-Requisites: No special qualifications are required. Students wishing to follow the course are advised, however, if they do not possess an outline knowledge of the period, to acquire one in advance by consulting the works listed in section (a) of the reading list below.

Teaching Arrangements: The principal lecture course (Hy110; Hy113) will be given by Mr. Gillingham, Dr. Starkey, Dr. Stevenson and Dr. Howe. Students may also wish to attend the following lectures given in the Economic History and the Government Departments: EH101 Modern British Society in Historical Perspective (Professor Barker and others) EH103 Economic and Social History of Britain from 1815 (Professor Barker and Dr. Hunt) Gv151 History of British Politics from the Seventeenth to the Twentieth Century (Mrs. Bennett)

Gv152 History of British Politics in the Twentieth Century (Mr. Beattie and Mr. Barnes)

Weekly classes (Hy113a) will be held during the Michaelmas and Lent Terms and during the first seven weeks of the Summer Term. Attendance at these classes is a course requirement.

Written Work: Students will be expected to produce five essays during the year, and should also be prepared to give class papers. It should be stressed that it is primarily on this written work and on private reading that students' preparedness for the examination will depend.

Reading List: The following list contains recommended introductory surveys and some more specialized works. All of these titles are available in paperback editions:

(a) **Introductory Surveys:** I. R. Christie, *Wars and Revolutions: Britain, 1760-1815* (Arnold); A. Briggs, *The Age of Improvement* (Longman); N. Gash, *Aristocracy and People: Britain 1815-1865* (Arnold); R. T. Shannon, *The Crisis of Imperialism, 1865-1915* (Granada); D. Read, *England, 1868-1914: The Age of Urban Democracy* (Longman); A. J. P. Taylor, *English History, 1914-1945* (Pelican); A. Sked & C. P. Cook, *Post-War Britain: A Political History* (Pelican); A. Marwick, *British Society since 1945* (Pelican).

(b) **More Specialized:** S. H. Beer, *Modern British Politics: Parties and Pressure Groups in the Collectivist Age* (Faber); J. Cannon, *Parliamentary Reform, 1640-1832* (Cambridge University Press); R. Floud & D. McCloskey (Eds.), *The Economic History of Britain Since 1700*, 2 Vols. (Cambridge University Press); A. D. Gilbert, *Religion and Society in Industrial England: Church, Chapel and Social Change, 1760-1914* (Longman); E. J. Hobsbawm, *Industry and Empire: An Economic History of Britain Since 1750* (Pelican); E. H. Hunt, *British Labour History, 1815-1914* (Weidenfeld); P. M. Kennedy, *The Realities Behind Diplomacy: Background Influences on British External Policy, 1865-1980* (Fontana);

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F. S. L. Lyons, *Ireland Since the Famine* (Fontana); K. Middlemas, *Politics in Industrial Society: The Experience of the British System Since 1911* (Deutsch); H. J. Perkin, *The Origins of Modern English Society, 1780-1880* (Routledge); B. Porter, *The Lion's Share: A Short History of British Imperialism, 1850-1970* (Longman); M. Pugh, *The Making of Modern British Politics, 1867-1939* (Blackwell); E. P. Thompson, *The Making of the English Working Class* (Pelican); R. Williams, *Culture and Society, 1780-1950* (Pelican).

Examination Arrangements: The course is examined by a University of London paper sat normally at the end of the third year. This is a three-hour written paper, from which candidates are expected to answer four questions, taken from at least two out of three chronological sections.

A Sessional examination is taken at the end of the first year. This does not count towards the student's final result.

Hy3450

European History, 400-1200

Teacher Responsible: John Gillingham, Room E494 (Secretary, Mrs. I. B. Capsey, E602)

Course Intended Primarily for B.A. History, 1st, 2nd or 3rd years.

Scope: An outline course of European History (excluding Britain) from the decline of the Roman Empire in the West to the Crusades.

Syllabus: This paper encompasses the history of the late Roman and Byzantine Empires, the eastern and western churches, the barbarian kingdoms and their successor states; also Islam when and where it impinges on Europe. It involves the study of religious, social, economic, and cultural as well as political developments throughout the whole of the Latin and Greek world.

Pre-Requisites: No foreign languages are required; instead a willingness to undertake a considerable amount of private reading and to talk about the subject.

Teaching Arrangements: 28 weekly lectures at Senate House given by historians drawn from all the colleges of the University. 28 weekly classes. (Hy115) Teacher: John Gillingham, in E494.

Written Work: Each student is required to write two essays a term.

Reading List: No one book adequately covers the entire syllabus. Students are advised to buy:

J. M. Wallace-Hadrill, *The Barbarian West*; M. Keen, *A History of Medieval Europe*; R. W. Southern, *Western Society and the Church in the Middle Ages*.

Detailed reading lists will be circulated at each class but other valuable surveys include: A. H. M. Jones, *The Decline of the Ancient World*; P. Brown, *The World of Late Antiquity*; M. Deanesly, *History of Early Medieval Europe*; C. N. L. Brooke, *Europe in the Central Middle Ages*; M. Bloch, *Feudal Society*; H. E. Mayer, *The Crusades*; G. Duby, *The Early Growth of the European Economy*; P. Anderson, *Passages from Antiquity to Feudalism*; G. Barraclough, *The Medieval Papacy*.

Examination Arrangements: Towards the end of the Summer Term there is a three-hour formal examination based on the full syllabus, i.e. not merely on topics 'covered' in lectures and classes. Candidates will, however, be given a wide choice of questions, c.30, from which they answer *only four*.

Hy3453

European History, 1200-1500

Teacher Responsible: John Gillingham, Room E494 (Secretary, Mrs. I. B. Capsey, E602)

Course Intended Primarily for B.A. History, 1st, 2nd or 3rd years.

Scope: An outline course of European History (excluding Britain) from the capture of Constantinople (1204) to the discovery of America.

Syllabus: The range of themes includes: the demise of the Byzantine Empire and the Crusader States; the emergence of widely different political systems in the West, particularly in France, Germany and Italy; the problems of the church-schism and heresy; the origins of universities and the Renaissance; economic crisis (Black Death) and recovery, the growth of commerce and banking; the impact of technological change - guns, clocks, printing presses and improved ship design.

Pre-Requisites: No foreign languages are required; instead a willingness to undertake a considerable amount of private reading and to talk about the subject.

Teaching Arrangements: 28 weekly lectures at Senate House given by historians drawn from all the colleges of the University. 28 weekly classes; (Hy116) teacher: John Gillingham, in E494.

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Written Work: Each student is required to write two essays a term.

Reading List: No one book adequately covers the entire syllabus. Students are advised to buy:

D. Waley, *Later Medieval Europe*; J. H. Mundy, *Europe in the High Middle Ages 1150-1309*; G. Holmes, *Europe: Hierarchy and Revolt 1320-1450*; R. W. Southern, *Western Society and the Church in the Middle Ages*.

Detailed reading lists will be circulated at each class, but other valuable surveys include: D. Hay, *Europe in the 14th and 15th Centuries*; J. R. Hale, *Renaissance Europe 1480-1520*; G. Duby, *Rural Economy and Country Life in the Medieval West*; G. Barraclough, *The Medieval Papacy*; E. Perroy, *The Hundred Years War*; J. K. Hyde, *Society and Politics in Medieval Italy*; R. Vaughan, *Valois Burgundy*.

Examination Arrangements: Towards the end of the Summer Term there is a 3 hour formal examination based on the full syllabus, i.e. not merely on topics 'covered' in lectures and classes. Candidates will, however be given a wide choice of questions, c.30, from which they answer *only four*.

Hy3456

European History, 1500-1800

Teacher Responsible: Dr. Derek McKay, Room E405 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.A. History.

Scope: The course is intended to introduce students to the history of Europe in the early-modern period.

Syllabus: General history of Europe, covering political, social, economic, diplomatic and cultural aspects. Students must consult past papers, because this is a course taken by all the colleges in the University and is set for all the colleges by University examiners.

Pre-Requisites: The requirements laid down for entry into the B.A. History course.

Teaching Arrangements: A lecture course and class given at the School are relevant, but it must be stressed that the lecture course given at Senate House is vitally important. This lecture course is given every two years (1984-5, 1986-7 etc.) and students would be advised not to take the course in years when there are no Senate House lectures.

Lectures: Hy125 *International History, 1494-*

1815, 25 lectures, Sessional; given by **Dr. D. McKay** and **Professor M. S. Anderson**. These lectures are relevant to the international relations aspects of the course.

European History, 1500-1800, 23 lectures, Sessional (alternate years). Given by various lecturers at Senate House.

Classes: Hy 118(a) **European History, 1500-1800**, 25 classes, Sessional; given by **Dr. D. McKay**. Students are required to present at least one (usually two) papers a session and to write at least 2 short essays a term. Work is set and marked by **Dr. McKay**.

Reading List: The University examiners continually stress that students who limit their reading to textbooks will fail. Extensive reading lists are provided at the beginning of the course.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. It can be taken in the student's second or final year. Students not taking the formal University examination will be required to take a departmental exam in the Summer Term. The paper consists of about thirty questions, four of which are to be answered. The University examiners issue comments about the previous year's scripts every year.

Hy3459

European History, c. 1600-1789

Teacher Responsible: **Dr. Derek McKay**, Room E405 (Secretary, Mrs Susan Shaw, Room E403)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 1st year.

Scope: The aim of the course is to introduce students to European history in the age of absolutism.

Syllabus: A study of European politics in the age of absolutism. Special attention will be given to wars, revolutions, economic, social and intellectual developments, and relations between the states.

Pre-Requisites: None. All students admitted to School degrees should have the necessary analytical skills.

Teaching Arrangements: The course is taught primarily by a class, although part of a lecture course is useful:

Lectures: Hy125 **International History, 1494-1815**, 25 lectures, Sessional; given by **Dr. D. McKay** and **Professor M. S. Anderson**. Students will be told in class which parts of the lecture course are relevant.

Classes: Hy118(b) **European History, c. 1600-1789**, 25, Sessional; given by **Dr. D. McKay**. Students are required to present at least one (usually two) class papers during the session and to write at least two short essays a term. The work will be set and marked by **Dr. McKay**.

Reading List: A full reading list will be given at the beginning of the course. As with all history courses, it must be stressed that no student can hope to pass by using text books alone, and that the following are merely introductions:

D. H. Pennington, *Seventeenth-Century Europe* (Longman); M. S. Anderson, *Europe in the Eighteenth Century* (Longman).

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus. The paper contains 16 questions, four of which are to be answered.

Hy3462

European History 1789-1945

Teacher Responsible: **Dr. A. Sked**, Room E408 (Secretary, Mrs. Vivien Kannon, E402)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.A. History Students.

Scope: A general survey of European history in the period with some attention to developments outside Europe.

Syllabus: The course begins with the origins of the French Revolution and proceeds through the revolutionary and Napoleonic era in European history, to Europe in the age of Metternich, and the 1848 Revolutions, the era of Bismarck and Napoleon III, the causes and consequences of the First World War, Fascism and National Socialism, the Soviet Union after 1917, the outbreak of the Second World War and the War itself. The national histories of most countries in the period are covered as is the history of European imperialism.

Pre-Requisites: None; this is a survey course.

Teaching Arrangements: One class per week (Hy101b) each term until half-way through the Summer Term. Students will be required to give at least two class papers and submit at least three essays. They will also be expected to participate in class discussions and to attend the lecture course (Hy101) **Political**

History, 1789-1941.

Reading List: A full list will be given out at the beginning of the Michaelmas Term but essential reading matter includes:

G. Rude, *Revolutionary Europe 1787-1815*; J. McManners, *Lectures on European History 1789-1914*; M. S. Anderson, *The Ascendancy of Europe, 1815-1914*; J. B. Joll, *Europe Since 1870*; A. Sked (Ed.), *Europe's Balance of Power 1815-1848*; J. Roberts, *Europe 1880-1945*; A. J. P. Taylor, *The Struggle for Mastery in Europe 1848-1918*.

Examination Arrangements: There is a formal three-hour exam at the end of the year in which candidates are required to answer four questions out of about twenty.

Hy3465

European History Since 1800

Teacher Responsible: **Dr. R. J. Bullen**, Room E506 (Secretary, Mrs. M. Bradgate, E602)

Course Intended Primarily for B.A. History Students. First, second and third year. (Other LSE students admitted only with the permission of the tutor).

Scope: This is a main paper in the B.A. History degree and is intended to broaden students' understanding of the nature of historical enquiry.

Syllabus: The course covers the domestic politics of the European great powers from the epoch of Napoleon to the present day. Attention is also paid to social movements, political ideologues and to the foreign policies of the great powers.

Pre-Requisites: There are no formal pre-requisites and it is not necessarily an advantage to have studied this period of European history at 'A' level. A reading knowledge of a modern European language is very useful.

Teaching Arrangements:

Lectures (Hy119): Students are advised to consult the *White Pamphlet*, issued to all B.A. History students every year, which contains the details of the arrangements for the *Senate House* lectures. For the course the lectures are given biennially on Mondays. In addition the following LSE lectures are available:

Political History 1789-1941. Hy101

International History 1815-1914. Hy126

International History Since 1914 (i) to 1945. Hy128

International History Since 1914 (ii) since 1945. Hy 129.

Students are expected to decide for themselves

which of these lecture courses best suits them. Classes: 25 Classes Sessional (Hy119).

Course Requirements: Students will be expected to present class papers and to submit essays. Specific arrangements will be made with each class.

Reading List: No one book covers the entire syllabus. Detailed bibliographies of books and articles are available from the course teachers and from the International History departmental office. Further reading lists are handed out at the Senate House lectures. Students taking the course are advised to read as widely as possible and are warned not to rely on general textbooks.

M. S. Anderson, *The Ascendancy of Europe*; J. L. Talmon, *Romanticism and Revolt*; J. Joll, *Europe Since 1870*; R. A. C. Parker, *Europe 1919-1945*.

Examination Arrangements: For the first and second year students the department of International History requires them to sit a Sessional examination in the Summer Term. If students have taken this course in either of these two years they will be expected to sit this paper in the year in which they have studied it. Second year students are advised that essay marks and the sessional examination mark contribute towards their college assessment. Second year students may take the University finals paper in advance in which case they will be exempted from the L.S.E. Sessional examinations.

Final Examinations: The paper is set by the university examiners and usually consists of about 35 questions from which candidates are required to answer any four. Each year the University examiners publish a report on the final examinations which contains advice to candidates entering the following year. Copies of these reports are available from the Departmental tutor for B.A. History students.

Hy3500

**International History,
1494-1815**

Teacher Responsible: Dr. Derek McKay, Room E405 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.A. History (students taking the paper European History, 1500-1800); M.A. and M.Sc. International History.

Scope: The aim of the course is to introduce students to the history of the relations between the main European powers in the early-modern period.

Syllabus: Political and diplomatic history, mainly of the European Great Powers, with some reference to the evolution of the diplomatic practice. (In effect this means the diplomatic relations and wars between the main European powers.)

Pre-Requisites: None. All students admitted to School degrees should have the necessary analytical skills.

Teaching Arrangements: There is a lecture course, accompanied by a class, as follows: Lectures: Hy125 **International History, 1494-1815**, 25 lectures, Sessional; given by Dr. D. McKay and Professor M. S. Anderson.

Classes: Hy125(a) **International History, 1494-1815**, 25 classes, Sessional.

Written Work: Students are required to present at least one class paper during the session and to write at least two short essays a term. The work will be set and marked by the class teacher.

Reading List: A full reading list will be given out at the beginning of the course. It must be stressed that, as with all history courses, no student can hope to pass by using textbooks alone, and that the following are merely introductions:

New Cambridge Modern History, relevant chapters of Vols. I-IX; H. G. Koenigsberger & G. E. Mosse, *Europe in 16th* (Longman); Derek McKay & H. M. Scott, *The Rise of the Great Powers, 1648-1815* (Longman, 1983); M. S. Anderson, *Europe in the 18th* (Longman); G. Mattingly, *Renaissance Diplomacy* (Penguin); G. Parker, *Spain and the Netherlands* (Fontana); R. Hatton (Ed.), *Louis XIV and Europe* (Macmillan); D. B. Horn, *Great Britain and Europe in the 18th Century* (Oxford University Press).

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus. The paper contains 16 questions, four of which are to be answered.

Hy3503

**International History,
1815-1914**

Teacher Responsible: Dr. R. J. Bullen, Room E506 (Secretary, Mrs. M. Bradgate, E602)

Course Intended Primarily for B.Sc. (Econ.) Part II International History.

Scope: The aim of the course is to introduce students to the study of the history of international relations.

Syllabus: The history of international relations from the congress of Vienna to the outbreak of the First World War. The main emphasis of the course is on the policies of the great powers and the factors affecting them.

Pre-Requisites: There are no formal pre-requisites but some background knowledge of nineteenth century European history is useful. The Part I subject **Political History 1789-1914** Hy100 is perhaps the most directly relevant.

Teaching Arrangements:

Lectures: **International History 1815-1914** Hy126

Classes: 25 classes Sessional Hy126(a)

Course Requirements: Students will be asked to present class papers and to submit three essays.

Reading List: No one book covers the entire syllabus. Students are advised to begin by reading:

F. R. Bridge & R. Bullen, *The Great Powers and the European State System 1815-1914* (Longmans); A. J. P. Taylor, *The Struggle for Mastery in Europe*; A. Sked (Ed.), *Europe's Balance of Power*; K. Bourne, *The Foreign Policy of Victorian England*; F. H. Hinsley, *Power and the Pursuit of Peace*.

Detailed bibliographies of books and articles are available from the teachers and from the International History Departmental Office. Students taking the course are advised to read as widely as possible and are warned not to rely on one or two textbooks.

Examination Arrangements: There is a three hour formal examination in the Summer Term. The paper is divided into three sections:

Section A 1815-1848

Section B 1848-1890

Section C 1890-1914

Students are expected to answer four questions, one from each section and one other. Second year students may take this paper in advance. Before they decide to do so they should consult with the class teachers and with their tutor.

Hy3506

International History since 1914

Teachers Responsible: Mr. George Grün, Room E600, Professor I. H. Nish, Room E502, (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.A. Hist.; B.A./B.Sc. c.u. main field Geog.; M.A. and M.Sc.

Scope: The aim of this course is to introduce students to the study of the history of international relations.

Syllabus: The history of international relations from the outbreak of the First World War. The main emphasis is on diplomatic history, especially the policies of the great powers. The first part of the course deals with the

challenge to the peace settlement of 1919 and the origins of the Second World War.

In the post-1945 period the focus is on topics such as the Cold War, the Korean and Vietnam Wars, decolonization, resources diplomacy etc.

Teaching Arrangements: Teaching consists of 35 weekly lectures of one hour spread over two academic years. Lectures on the period from 1914 commence in October (for students ordinarily in their second year) and continue throughout the year.

Lectures (Hy128). **International History since 1914: (i) 1914-1945**, Mr. Grün and Professor Watt.

Classes (Hy128a), 25 classes, Sessional.

Lectures on the period from 1945 commence in October (for students ordinarily in their third year) and the course concludes at the end of the Michaelmas Term.

Lectures (Hy129). **International History since 1914: (ii) since 1945**. Professor Watt and Professor Nish.

Classes (Hy129a), 10 classes in the Michaelmas Term.

Written Work: Students will be required to write a number of essays during the course. Subjects for these essays (with accompanying suggested reading) will be handed out at the start of the course.

Reading List: C. L. Mowat (Ed.), *New Cambridge Modern History*, Vol. 12 (2nd edn.); H. W. Gatzke (Ed.), *European Diplomacy Between the Two Wars, 1919-39*; S. Marks, *The Illusion of Peace*; A. Ulam, *Expansion and Co-existence: The History of Soviet Policy, 1917-67*; P. Calvocoressi, *World Politics since 1945*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper is divided into three sections:

Section A covers the whole syllabus and consists of thematic questions.

Section B covers the period 1914-45.

Section C covers the period after 1945.

Students are required to answer four questions, of which at least ONE has to come from Section A and ONE from Section B.

Hy3510

Diplomatic History 1814-1957

Teacher Responsible: Professor I. H. Nish, Room E506 and Mr. G. Grün, Room E600 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.A. History students Second Year. (This is a University optional subject and the classes although held at the L.S.E. are inter-collegiate.) Other L.S.E. students are admitted only with the permission of the teachers.

Scope: The aim of the course is to introduce students to the study of the history of international relations.

Syllabus: The history of international relations from the congress of Vienna to the Suez crisis. The main emphasis of the course is on the policies of the great powers and the factors affecting them.

Pre-Requisites: There are no formal pre-requisites but students who have already taken **Europe Since 1800** will find the background provided by that course most useful. Similarly **British History from the Middle of the Eighteenth Century** provides good background. A reading knowledge of French and/or German is of great benefit but not essential.

Teaching Arrangements:

Lectures: **Diplomatic History, 1814-1957** Hy130

International History 1815-1914 Hy126

International History since 1914 (i) to 1945 Hy128

International History since 1914 (ii) since 1945 Hy129

Classes: 25 classes, Sessional (Hy210)

Course Requirements: Students will be expected to present class papers and to submit essays.

Reading List: No one book covers the entire syllabus. Students are advised to begin by reading:

F. R. Bridge & R. Bullen, *The Great Powers and the European State System 1815-1914* (Longmans); M. S. Anderson, *The Ascendancy of Europe*; J. L. Talmon, *Romanticism and Revolt*; J. Joll, *Europe Since 1870*; R. A. C.

Parker, *Europe 1919-1945*.

Detailed bibliographies of books and articles are available from the course teachers and from the International History Departmental Office. Students taking this course are advised to read as widely as possible and not to rely upon one or two textbooks.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, the paper is directed into two sections: Section A 1814-1890
Section B 1890-1957

Students are expected to answer four questions from a list of about 15. They are required to answer one question from each section and then any other three. Second year candidates may take this as a paper in advance. Before they decide to do so they should consult with the class teachers and their college tutors.

Hy3520

War and Society, 1600-1815

Teacher Responsible: Dr. Derek McKay, Room E405 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part II.

Scope: The course is intended to introduce students to the history of warfare and its relationship with society as a whole in the early-modern and revolutionary periods.

Syllabus: A study of the main developments in strategy and organisation of armies between 1600 and 1815, of civil-military relations in their broadest sense, including the role of armed forces as instruments of domestic control, and of the impact of war at all levels of society. (War at sea is not covered by the course.)

Pre-Requisites: None. All students admitted to School degrees should have the necessary analytical skills, although clearly some knowledge of European or military history would be useful.

Teaching Arrangements:

Lectures: Students are provided with printed lecture notes covering the main aspects of the course at the beginning of the session.

Classes: **War and Society, 1600-1815**, Hy134.

12 classes. Sessional. Given by Dr. D. McKay. Students are expected to present at least one class paper during the session and to write two short essays a term. The work will be set and marked by Dr. McKay.

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Reading List: A full reading list will be given at the beginning of the course. There is no adequate introduction to the whole period but the following are useful to begin with: G. Parker, *Spain and the Netherlands* (Fontana); M. Howard, *War in European History* (Opus); A. Corvisier, *Armies and Societies in Europe, 1494-1789* (Indiana UP); G. Best, *War and Society in Revolutionary Europe* (Fontana); J. F. C. Fuller, *The Conduct of War, 1789-1961* (Methuen).

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus. The paper contains 16 questions, four of which are to be answered.

Hy3523

Revolution, Civil War and Intervention in the Iberian Peninsula 1808-1854

Teacher Responsible: Dr. R. J. Bullen, Room E506 (Secretary, Mrs. M. Bradgate, E602)

Course Intended Primarily for B.Sc. (Econ.) Part II students, International History.

Scope: A historical investigation of revolution, civil war and great power intervention in a regional context.

Syllabus: A study of the origins and course of constitutional, revolutionary, and resistance movements in Spain and Portugal in the first half of the nineteenth century and the attitudes and policies of the European Great Powers towards these movements. Particular attention will be paid to various types of intervention and to the impact of these Iberian conflicts on Great Power rivalry.

Pre-Requisites: Students taking this course in their third year should have taken

International History 1815-1914 in their second year.

Teaching Arrangements:

Lectures: 10 in Michaelmas Term. Hy135.

Classes: 10 in Lent Term. Hy135(a).

Course Requirements: In the Lent Term students taking this paper are required to present at least one class paper and two essays.

Reading List: No one book covers the entire syllabus. Students are advised to purchase: R. Carr, *Spain 1808-1939* (New edn.); H. Livermore, *A New History of Portugal*.

A detailed bibliography of books and articles is available from the course teacher and from the International History Departmental Office. As in all historical subjects students are advised to read as widely as possible and

not to rely upon one or two textbooks.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. Candidates are expected to answer four questions from a list of about ten. The examination paper is undivided. Past papers are available in the Teaching Library.

Hy3526

British-American-Russian Relations, 1815-1914

Teacher Responsible: Professor M. S. Anderson, Room E604 (Secretary, Mrs. I. Capsey, E602)

Course Intended Primarily for B.Sc. (Econ.) Part II International History.

Scope: A general study of the relations of these three great powers, mainly in North America in the Anglo-American case and in the Far East, Central Asia and Persia in the Anglo-Russian one, during the nineteenth and early twentieth centuries.

Syllabus: Anglo-American relations relating to the Canadian and other border questions, the Caribbean and the isthmian canal question, and the slave trade. The roles played by Britain, the United States and Russia in the 'opening' of China and Japan. The American Civil War in the relations of these three powers. Anglo-Russian relations in Central Asia and Persia, with attention to the strategic and other elements involved. The Anglo-American rapprochement at the turn of the nineteenth-twentieth centuries. The impact of the Sino-Japanese and Russo-Japanese wars on international relations, and the roles of Britain, the United States and Russia in the Far East in the years before 1914.

Pre-Requisites: Some previous knowledge of European international relations in this period is desirable but not essential. As in all history courses extensive reading is called for.

Teaching Arrangements: There is one course of 25 lectures (Hy137). Since the number of students is normally small these are relatively informal and have something of the atmosphere of a class. The lectures are given in the rooms of the teachers concerned: Professor Anderson (E604); Professor K. Bourne (E603); and Professor I. H. Nish (E502). There is normally one lecture per week in the early part of the course, given by Professor Bourne, which is concerned with Anglo-American relations, and two per week for the remainder of the course.

Written Work: Students will be required to

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write a number of essays during the course. Lists of subjects for these, with accompanying suggested reading will be given out during the course.

Reading List: No one book covers the entire syllabus. As introductory surveys of large parts of it the following are useful:

H. C. Allen, *Great Britain and the United States*; C. S. Campbell, *From Revolution to Rapprochement: The United States and Great Britain, 1783-1900*; F. Michael & G. E. Taylor, *The Far East in the Modern World*; D. Gillard, *The Struggle for Asia, 1828-1914*.

Supplementary Reading List: More detailed studies of particular aspects of the period are: K. Bourne, *Britain and the Balance of Power in North America, 1815-1908*; T. A. Bailey, *A Diplomatic History of the American People*; P. A. Varg, *United States Foreign Relations, 1820-1860*; D. P. Crook, *The North, the South, and the Powers, 1861-1865*; W. C. Costin, *Great Britain and China, 1833-1860*; B. Perkins, *The Great Rapprochement: England and the United States, 1895-1914*; I. H. Nish, *The Anglo-Japanese Alliance*; M. E. Yapp, *Strategies of British India: Britain, Iran and Afghanistan, 1798-1850*; F. Kazemzadeh, *Russia and Britain in Persia, 1864-1914*.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term based on the ground covered during the course. The examination paper normally contains 12 questions, of which four must be answered. Weight will be given to the quality of the presentation and argument shown in the answers as well as to the range of factual knowledge displayed.

Hy3538

Fascism and National Socialism in International Politics 1919-1945

Teacher Responsible: Dr. Antony Polonsky, Room E503 (Secretary, Mrs. Vivien Kannor, E402)

Course Intended Primarily for B.Sc. (Econ.) 2nd and 3rd years.

Scope: The course is intended both for specialist historians and for others studying the social sciences. It aims to provide a historical account of the phenomenon of fascism in Europe in the inter-war years and during the Second World War.

Syllabus: The intellectual roots of fascism; pre-1914 proto-fascist groups; the impact of the First World War; the rise of fascism in

Italy; fascism in power in Italy; the rise of Nazism in Germany; Nazism in power in Germany; fascism in eastern Europe; fascism in the Iberian peninsula; fascism in western Europe; the impact of the Second World War. **Pre-Requisites:** No pre-requisites are imposed, though some knowledge of twentieth century history is desirable.

Teaching Arrangements:

Lectures: There are 12 lectures (Hy140) in the Michaelmas and Lent Terms.

Classes: There are 10 classes (Hy140a) in the Lent and Summer Terms.

Reading List:

Shorter Introductory Reading List:

Students are advised to buy as many of these books as possible:

F. L. Carsten, *The Rise of Fascism* (London, 1967); W. Z. Laqueur (Ed.), *Fascism: A Reader's Guide* (London, 1967); G. L. Mosse (Ed.), *International Fascism* (London, 1979); S. J. Woolf (Ed.), *The Nature of Fascism* (London, 1968); *European Fascism* (London 1970); H. Rogger & E. Weber (Eds.), *The European Right* (Berkeley and L.A., 1965); E. Nolte, *Three Faces of Fascism* (paperback, New York, 1969); R. De Felice, *Interpretations of Fascism* (Cambridge, Mass., 1977); E. Weber, *Varieties of Fascism* (New York, 1964); H. A. Turner (Ed.), *Reappraisals of Fascism* (New York, 1975).

Longer Booklist:

Intellectual Origins of Fascism:

A. Stuart Hughes, *Consciousness and Society: The Reorientation of European Social Thought 1890-1930* (New York, 1961); F. Stern, *The Politics of Cultural Despair* (Berkeley, 1961); G. L. Mosse, *The Crisis of German Ideology* (New York, 1904); W. Z. Laqueur, *Young Germany: A History of the German Youth Movement* (London, 1962); J. Joll, 'Marinetti', in *Intellectuals in Politics* (London, 1960); A. Lyttleton (Ed.), *Italian Fascism from Pareto to Gentile* (London, 1973).

Italy:

A. Lyttleton, *The Seizure of Power: Fascism in Italy, 1919-1929* (London, 1973); C. Seton-Watson, *Italy from Liberalism to Fascism* (London, 1967); E. Robertson, *Mussolini as Empire Builder* (London, 1977); D. Mack Smith, *Mussolini's Roman Empire* (London, 1976); G. Salvemini, *The Origins of Fascism in Italy* (New York, 1973); *Under the Axe of Fascism* (London, 1936); R. Sarti (Ed.), *The Ax Within. Italian Fascism* (London, 1974); D. Settembrini, 'Mussolini and the Legacy of Revolutionary Socialism', *Journal of Contemporary History*, Vol. XI, No. 4. (1976); A. Tasca (A. Rossi), *The Rise of Italian Fascism* (London, 1938); P. Corner, *Fascism in Ferrara 1915-25* (London, 1974); F. W.

Deakin, *The Brutal Friendship: Mussolini, Hitler and The Fall of Italian Fascism* (London, 1962).

Germany:

A. Bullock, *Hitler: A Study of Tyranny* (rev. edn. London, 1962); K. D. Bracher, *The German Dictatorship* (London, 1970); H. T. Gordon, *Hitler and the Beer Hall Putsch* (Princeton, 1972); J. Nyomarky, *Charisma and Factionalism in the Nazi Party*, 2 Vols. (Pittsburgh, 1969, 1973); A. Speer, *Inside the Third Reich* (paperback, New York, 1970); H. A. Turner (Ed.), *Nazism and the Third Reich* (New York, 1972); M. H. Kele, *Nazis and Workers* (Chapel Hill, N.C., 1972); D. Schoenbaum, *Hitler's Social Revolution* (New York, 1961); J. Stephenson, *Women in Nazi Society* (London, 1976); J. Childers, 'The Social Bases of the National Socialist Vote', *Journal of Contemporary History*, Vol. XI, No. 4 (1976); H. Krausnick et al., *Anatomy of the SS State* (London, 1968).

Fascism Elsewhere:

R. Aron, *The Vichy Regime* (Paris, 1954); T. S. McClelland (Ed.), *The French Right from de Maistre to Maurras* (New York, 1970); R. O. Paxton, *Vichy France* (New York, 1972); Z. Sternhell, *Maurice Barres et le nationalisme français* (Paris, 1972); E. Weber, *Action Française* (Stanford, 1962); C. Cross, *The Fascists in Britain* (London, 1961); R. Skidelsky, *Oswald Mosley* (London, 1975); W. Warmbrunn, *The Dutch under German Occupation 1940-1945* (Stanford, 1963); P. Hayes, *The Career and Political Ideas of Vidkun Quisling 1887-1945* (Newton Abbot, 1971); C. Deizell (Ed.), *Mediterranean Fascism* (New York, 1971); S. Payne, *Falange: A History of Spanish Fascism* (Stanford, 1961); G. Jackson, *The Spanish Republic and the Civil War, 1931-1939* (Princeton, 1965); R. A. H. Robinson, *The Origins of Franco's Spain* (Pittsburgh, 1970); H. Thomas, 'The Hero in the Empty Room: Jose Antonio and Spanish Fascism', *Journal of Contemporary History*, Vol. I, No. 1 (1966); P. F. Sugar (Ed.), *Native Fascism in the Successor States* (Santa Barbara, 1971); F. L. Carsten, *Fascism Movements in Austria from Schoenerer to Hitler* (London, 1977); A. Whiteside, *Austrian National-Socialism before 1918* (The Hague, 1962); Y. Jelinek, *The Parish Republic. Hlinka's Slovak People's Party 1939-1945* (New York, 1976); C. A. Macartrey, *October Fifteenth - A History of Modern Hungary, 1929-1945* (Edinburgh, 1961); M. Lacko, *Arrow-Cross Men, National Socialists 1935-1944* (Budapest, 1969); S. Fischer-Galati, 'Romanian Nationalism' in P. Sugar & I. Lederer (Eds.), *Nationalism in Eastern Europe*

(Seattle, 1969); E. Weber, 'The Men of the Archangel', *Journal of Contemporary History*, Vol. 1, No. 1 (1969); L. Hory & M. Broszat, *Der Kroatische Ustascha-Staat 1941-45* (Stuttgart, 1964); J. Stephan, *The Russian Fascists* (London, 1978).

Examination Arrangements: There is a formal three-hour examination in the Summer Term. Students will be given a wide range of questions and will be required to answer four. The paper is not divided into subsections and there are no compulsory questions.

Hy3539

International Economic Diplomacy in the Inter-War Period

(not available in 1984-85 session)

Teacher Responsible: Dr. Robert Boyce, Room E500 (Secretary, Mrs. I. Capsey, E602)

Course Intended Primarily for B.Sc. (Econ.) 2nd and 3rd years.

Scope: This course, which is intended for specialist historians and others studying the social sciences, examines the formal and informal diplomacy of the Powers in their efforts to grapple with the large economic issues at the centre of international relations between 1919 and 1939, and their use of economic weapons in the pursuit of various national goals.

Syllabus: Reparations and war debt negotiations from Versailles to Lausanne; the development of the League of Nations machinery for economic reconstruction; the ambiguities of America's role in European reconstruction; the role of private capital and the contributions of central banks to international diplomacy; the struggle over coal and steel and the Franco-German economic rapprochement of 1924-29; the origins and fate of the French, British and Scandinavian plans for regional cooperation during the world slump; the Austro-German customs union crisis; the Ottawa conference as a factor in international relations; the World Economic Conference, 1933; German economic expansion in Central Europe; renewed financial cooperation among the major democratic powers; the American reciprocal trade agreement policy and European stability; the economic appeasement of Germany; the Open Door and American-Japanese confrontation.

Pre-Requisites: Some previous knowledge of international relations in this period is desirable but not essential. Nor will students be expected

to have a background in economics, since the subject matter is treated in a non-technical way as a dimension of international politics.

Teaching Arrangements: There are 12 lectures (Hy141) and 15 classes (Hy141a) in the Michaelmas and Lent Terms.

Reading List: J. M. Keynes, *The Economic Consequences of the Peace*; W. A. McDougall, *France's Rhineland Diplomacy, 1914-1924*; N. G. Levin, Jr., *Woodrow Wilson and World Politics*; Carl Parrini, *Heir to Empire: United States Economic Diplomacy, 1916-1922*; C. S. Maier, *Recasting Bourgeois Europe*; Marc Trachtenberg, *Reparation in World Politics: France and European Economic Diplomacy, 1916-1923*; W. A. Williams, *The Tragedy of American Diplomacy*, rev. edn.; Denise Artaud, *La reconstruction de l'Europe*; Jacques Bariéty, *Les relations franco-allemandes après la première guerre mondiale*; Melvin Leffler, *Elusive Quest: America's Pursuit of European Stability and French Security, 1919-1933*; P. M. Kennedy, *The Realities behind Diplomacy*; Royal J. Schmidt, *Versailles and the Ruhr: Seedbed of World War II*; M. J. Hogan, *Informal Entente: The Private Structure of Cooperation in Anglo-American Economic Diplomacy, 1918-1928*; R. W. D. Boyce, *British Capitalism at the Crossroads, 1919-1932: A Study in Money, Politics and International Relations*; H. J. Wilson, *American Business and Foreign Policy, 1920-1933*; Akira Iriye, *After Imperialism: The Search for a New Order in the Far East, 1921-1933*; Jon Jacobson, *Locarno Diplomacy*; S. Schuker, *The End of French Predominance in Europe*; E. W. Bennett, *Germany and the Diplomacy of the Financial Crisis, 1931*; D. E. Kaiser, *Economic Diplomacy and the Origins of the Second World War*; William Carr, *Arms, Autarky and Aggression: A Study in German Foreign Policy, 1933-39*; W. J. Mommsen and L. Kettenacker (Eds.), *The Fascist Challenge and the Policy of Appeasement*; C. A. MacDonald, *The United States, Britain and Appeasement, 1936-1939*; D. Reynolds, *The Creation of the Anglo-American Alliance, 1937-41*; J. W. Morley (Ed.), *Dilemmas of Growth in Pre-war Japan*.

Written Work: Students will be required to write two short essays in both the Michaelmas and Lent terms and a longer essay by the start of the Summer Term. A list of suggested topics along with an outline of the lectures and reading lists will be issued at the beginning of the course.

Examination Arrangements: There is a formal three-hour examination in the Summer Term. Students will be given a wide range of questions from which they will be required to answer any four.

Hy3540

The Reshaping of Europe 1943-57

Teachers Responsible: Dr. R. J. Bullen, Room E506 (Secretary, Mrs. M. Bradgate, E602), Dr. D. Stevenson, Room E508 (Secretary, Mrs. V. Brooke, E602) and Professor D. C. Watt, Room E410 (Secretary, Mrs. V. Kannor, E402).

Course Intended Primarily for B.Sc. (Econ.) Part II

Scope: A general survey of the relations of the Great Powers from the wartime conferences on postwar Europe to the Treaty of Rome.

Syllabus: The major themes will be: (1) the German problem to the Paris agreements of 1954; (2) Western European integration to the Treaty of Rome, 1957; (3) the evolution of American commitments to Western Europe (the Truman doctrine and Marshall plan; NATO); (4) the formation and consolidation of the Soviet sphere of influence in Eastern Europe.

Pre-Requisites: Some previous knowledge of European international relations in this period is desirable, but not essential.

Teaching Arrangements: Teaching will be by a course of 12 lectures (Hy142) and 12 classes (Hy142a).

Written Work: Students will be required to write a number of essays during the course.

Examination Arrangements: the course will be assessed by a three-hour written examination in the Summer Term. Students will be expected to answer four questions.

Reading List: (a) *General:* E. Barker, *Britain in a Divided Europe, 1945-1970* (London, 1971); P. Calvocoressi, *World Politics since 1945* (4th edn., London, 1982); A. W. Deporte, *Europe between the Superpowers: the Enduring Balance* (New Haven, 1979); W. Laqueur, *Europe since Hitler: the Rebirth of Europe* (Harmondsworth, 1982); M. McCauley, *The Origins of the Cold War* (London, 1983); J. Wheeler-Bennett and A. Nicholls, *The Semblance of Peace: the Political Settlement after the Second World War* (London, 1972); (b) *More specific:* E. Barker, *The British between the Superpowers, 1945-1950* (London, 1983); S. Bullock, *Ernest Bevin: Foreign Secretary* (London, 1983); F. Fejtö, *A History of the People's Democracies: Eastern Europe since Stalin* (London, 1971); E. Fursdon, *The European Defence Community: A History* (London, 1980); J. L. Gaddis, *The United States and the Origins of the Cold War, 1941-1947* (New York, 1972); J. Gimbel, *The Origins of the Marshall Plan* (Stanford, 1976);

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A. Grosser, *Germany in our Time: a Political History of the Postwar Years* (London, 1971); H. Hanak, (Ed.), *Soviet Foreign Policy since the Death of Stalin* (London, 1972); N. Henderson, *The Birth of NATO* (London, 1982); J. G. Iatrides (Ed.), *Greece in the 1940s: a Nation in Crisis* (Hanover, New Hampshire, 1981); T. P. Ireland, *Creating the Entangling Alliance: the Origins of the North Atlantic Treaty Organization* (London, 1981); N. Kogan, *A Political History of Postwar Italy* (London, 1966); W. Lippens, *A History of European Integration*, Vol. I (Oxford, 1982); M. McCauley (Ed.), *Communist Power in Europe, 1944-1949* (London, 1977); V. Mastny, *Russia's Road to the Cold War: Diplomacy, Warfare and the Politics of Communism, 1941-1945* (New York, 1979); F. S. Northedge, *Descent from Power: British Foreign Policy, 1945-1973* (London, 1974); W. Rostow, *Europe after Stalin: Eisenhower's Three Decisions of March 1953* (Austin, Texas, 1982); V. H. Rothwell, *Britain and the Cold War, 1941-1947* (London, 1982); J. K. Sowden, *The German Question, 1945-1973: Continuity in Change* (New York, 1975); A. B. Ulam, *Expansion and Coexistence: Soviet Foreign Policy, 1917-1973* (New York, 1974); R. Vaughan, *Twentieth-Century Europe: Paths to Unity* (London, 1979); N. Waites (Ed.), *Troubled Neighbours: Franco-British Relations in the Twentieth Century* (London, 1971) — Chapter by G. Warner; F. R. Willis, *Italy Chooses Europe* (New York, 1971); F. R. Willis, *France, Germany and the New Europe, 1945-1967* (Stanford, 1968); D. Yergin, *Shattered Peace: the Cold War and the Origins of the National Security State* (London, 1978).

Hy3545

The History of Russia, 1682-1917

Teacher Responsible: Professor M. S. Anderson, Room E604 (Secretary, Mrs. I. Capsey, E602)

Course Intended Primarily for B.Sc. (Econ.) Part II, Russian Government, History and Language.

Scope: An introduction to the history of Russia in all its major aspects from the reign of Peter I to the Bolshevik Revolution.

Syllabus: The reforms of Peter I and Catherine II; Russian foreign relations and the expansion of the Russian Empire: social and economic problems and developments (serfdom, industrial growth, the development of internal communications, etc.); the reforming efforts of the later nineteenth and

early twentieth centuries: the collapse of the imperial regime.

Pre-Requisites: A reading knowledge of Russian is required of students taking the course as part of the B.Sc. (Econ.) Part II option in Russian Government, History and Language, but is not essential for others, e.g. B.Sc. (Econ.) International History and interested General Course students. As in all history courses extensive reading is highly desirable.

Teaching Arrangements: There is one course of 25 classes (Hy133) in the Michaelmas and Lent Terms, meeting in the rooms of the teachers concerned: Professor Anderson, Mr. M. E. Falkus (C314), Dr. D. C. B. Lieven (L202) and Dr. A. B. Polonsky (E503).

Written Work: Students will be required to write at least five essays, for which lists of subjects, with accompanying suggested reading, will be given out during the course. They will also be expected to take an active part in class discussions and to present papers in class on subjects indicated in advance.

Reading List: The following general surveys are useful as introductions to the subject: M. T. Florinsky, *Russia: A History and an Interpretation*; N. V. Riasanovsky, *A History of Russia*; H. Seton-Watson, *The Russian Empire, 1801-1917*.

Supplementary Reading List: More detailed studies are:

J. Blum, *Lord and Peasant in Russia from the Ninth to the Nineteenth Century*; P. I. Lyashchenko, *History of the National Economy of Russia to the 1917 Revolution*; M. E. Falkus, *The Industrialisation of Russia, 1700-1914*; W. L. Blackwell (Ed.), *Russian Economic Development from Peter the Great to Stalin*; M. S. Anderson, *Peter the Great*; Isabel de Madariaga, *Russia in the Age of Catherine the Great*; W. E. Mosse, *Alexander II and the Modernisation of Russia*; A. B. Ulam, *The Bolsheviks*; P. Miliukov, *Outlines of Russian Culture*, 3 Vols.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term based on the ground covered during the course. The examination paper will normally contain 12 questions, of which four must be answered. Weight will be given to the quality of the presentation and argument shown in the answers as well as to the range of factual knowledge displayed.

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Hy3550

The Habsburg Monarchy and the Revolutions of 1848

Teacher Responsible: Dr. A. Sked, Room E408 (Secretary, Mrs. Vivien Kannor, E402)

Course Intended Primarily for B.Sc. (Econ.) Part II students.

Scope: A detailed study of the Habsburg Monarchy and the 1848 Revolutions.

Syllabus: The course, based on a study of relevant documents and monographs will cover the background to as well as the origins, development, diplomacy, failure and consequences of the revolutions of 1848 within the Habsburg Monarchy. It will also cover the struggle for mastery in Germany between 1848 and 1851.

Pre-Requisites: A good knowledge of nineteenth-century European history.

Teaching Arrangements: The course (Hy143) will be taught in the Michaelmas and Lent Terms. Students will be expected to submit at least three essays/gobbet-papers, to give at least one class paper and to participate in class discussions. The first term will, however, consist largely of lectures.

Reading List: (a) Prescribed Sources include: Count Hartig, *Genesis of the Revolution in Austria*; W. H. Stiles, *Austria in 1848-49*; Helmut Bohme, *The Foundation of the German Empire* (Docs. 21-41 only); A. Sked & E. Haraszti (Eds.), *The Correspondence of J. A. Blackwell*; A. Sked, *The Survival of the Habsburg Empire Radezky, The Imperial Army and the Class War 1848*.

Key books include:

I. Deak, *The Lawful Revolution, Louis Kossuth and the Hungarians*; A. Sked (Ed.), *Europe's Balance of Power 1815-1848*; R. J. Rath, *The Viennese Revolution of 1848*; C. A. Macartney, *The Habsburg Empire 1790-1918*.

Key articles will be xeroxed and distributed.

Examination Arrangements: There will be a formal three-hour exam at the end of the year in which students will be required to answer one gobbet question and three others out of eight questions in all in three hours.

Hy3556

The Great Powers and the Balkans 1908-1914

Teacher Responsible: Dr. Antony Polonsky, Room E503 (Secretary, Mrs. Vivien Kannor, E402)

Course Intended Primarily for B.Sc. (Econ.) third year, International History; Government and History.

Scope: This International History special subject involves a detailed study, based on documentary evidence and relevant monographs, of the Balkan policies of the Great Powers and of the effect of those policies on the relations between the Great Powers from the beginning of 1908 to the outbreak of war in 1914.

Syllabus: The Macedonian Question in 1908 and the collapse of the Austro-Russian entente. The Bosnian crisis and its aftermath. The Great Powers and European Turkey, 1910-1912 - Albania and Crete. The Great Powers, the Balkan League and the Balkan Wars. The intensification of the Great Powers' struggle for influence in Turkey and the Balkan States 1913-1914. Sarajevo, the July crisis and the outbreak of war.

Pre-Requisites: None. A knowledge of nineteenth century diplomatic history is however, essential.

Teaching Arrangements: The Course (Hy146) consists of 15 formal lectures and 5 classes in the Michaelmas and Lent Terms.

Prescribed Documents: The course will be based upon selected documents from the following authorities:

G. P. Gooch & H. W. V. Temperley (Eds.), *British Documents on the Origins of the War*, Vols. V, IX, X; B. von Siebert, *Entente Diplomacy and the World War*.

Reading List: L. Albertini, *The Origins of the War of 1914*, 3 Vols. (London, 1952-7); M. S. Anderson, *The Eastern Question 1774-1923* (London, 1966); F. R. Bridge, *From Sadowa to Sarajevo: The Foreign Policy of Austria-Hungary, 1868-1914* (London, 1972); *Great Britain and Austria-Hungary 1906-1914: A Diplomatic History* (London, 1972); R. J. Crampton, *The Hollow Detente: Anglo-German Relations in the Balkans 1911-1914* (London, 1980); V. Dedijer, *The Road to Sarajevo* (London, 1967); E. C. Helmreich, *The Diplomacy of the Balkan Wars* (Cambridge, Mass., 1938); F. C. Hinsley (Ed.), *British Foreign Policy under Sir Edward Grey* (Cambridge, 1977); C. Jelavich & B. Jelavich, *The Establishment of the Balkan National States 1804-1920* (Seattle and London, 1977); C. A. Macartney, *The Habsburg Empire 1790-*

1918 (London, 1969); S. J. Shaw & E. K. Shaw, *History of the Ottoman Empire and Modern Turkey*, 2 Vols., Vol. II *Reform, Revolution and Republic: The Rise of Modern Turkey 1808-1975* (Cambridge, 1977); L. S. Stavrianos, *The Balkans Since 1453* (New York, 1961); H. Seton-Watson, *The Russian Empire 1801-1917* (Oxford, 1967); E. C. Thaden, *Russia and the Balkan Alliance of 1912* (University Pub., Penn., 1965); W. S. Vucinich, *Serbia between East and West: the Events of 1903-1908* (Stanford, Ca., 1954).

Examination Arrangements: There is a formal three-hour examination in the Summer Term. Students will be obliged to answer one compulsory question on the prescribed documents and three other questions. A wide choice is provided.

Hy3559

Great Britain and the Peace Conference of 1919

Teacher Responsible: Mr. G. Grün, Room E600 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part II 3rd year. (A special subject for International History, Government and History, International Relations.)

Scope: A detailed survey based on documentary evidence of Britain's policies in relation to the organisation of the Peace Conference and the negotiation of the treaties at the end of the first world war.

Syllabus: After considering war time preparation for peace and the armistice negotiations, the course concentrates on the proceedings of the Council of Ten and the Council of Four. The changes in Britain's relations with her partners, especially the United States and France, are examined in dealing with issues arising from the defeat of Germany and her allies. Problems investigated include the redrawing of Germany's frontiers, the territorial changes in central and eastern Europe, the Mandates system, Reparations and the war guilt issues, disarmament and the foundation of the League of Nations. The impact of domestic politics and of revolution in Russia and Central Europe is also assessed.

Pre-Requisites: None. A knowledge of twentieth century political history is an advantage.

Teaching Arrangements: 10 lectures, Michaelmas Term and 12 classes, Lent and Summer Terms: Hy147.

Prescribed Documents: The course is based on

selected documents from the following list: U.S. Department of State, *Papers Relating to Foreign Relations of the United States*, Vol. III-VI (Washington D.C., 1942-47); D. Lloyd George, *The Truth about the Peace Treaties* (1938); P. J. Mantoux, *Paris Peace Conference 1919 Proceedings of the Council of Four* (Geneva, 1964).

Reading List: A useful introduction is provided by: M. L. Dockrill & J. D. Goold, *Peace without Promise* (1981); A. J. Mayer, *Politics and Diplomacy of Peacemaking* (1968); H. I. Nelson, *Land and Power. British and Allied Policy on Germany's Frontier 1916-1923* (1963); S. P. Tillman, *Anglo-American Relations at the Paris Peace Conference of 1919* (Princeton, 1961).

A detailed biography will be provided at the beginning of the session.

Examination Arrangements: There will be a formal three-hour examination at the end of the Summer Term. Students will be asked to answer four questions: one, compulsory 'gobbet' question based on the prescribed documents and three others from a list of six.

Hy3562

The Manchurian Crisis 1931-1933

Teacher Responsible: Professor I. H. Nish, Room E502 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part II.

Scope: A detailed survey, based on the study of available original sources, of the international implications of the Sino-Japanese conflict from the Mukden incident (September 1931) to the conclusion of the Tangku truce (May 1933).

Syllabus: The origin of Sino-Japanese conflict in Manchuria and the role of the various powers. The Mukden incident and its military aftermath. China's appeal to the League of Nations and the United States. The Stimson declaration and the Shanghai crisis of 1932. The findings of the Lytton Commission and of the League of Nations.

Pre-Requisites: Some previous knowledge of international relations in this period is desirable but not essential. An interest in the study of historical documents (on which this course is based) is essential.

Teaching Arrangements: Teaching consists of 20 lectures (Hy148) of one hour weekly. Since the number of students is normally small,

these are generally given in Room E502.

Written Work: Students will be required to write a number of essays during the course. Subjects for these essays (with accompanying suggested reading) will be handed out at the start of the course.

Reading List: The documentary sources to be consulted during the course are: *Papers Relating to the Foreign Relations of the United States, Japan: 1931-1941*, Vol. 1; *League of Nations: Report of the Commission of Inquiry: Documents on British Foreign Policy, 1919-1939*, 2nd Series, Vols. VIII and IX; S. K. Hornbeck, *The Diplomacy of Frustration. Other reading material will be provided during the course of the lectures.*

Examination Arrangements: There will be a three-hour formal examination taken in the Summer Term based on the work of the course. The examination paper normally contains one 'gobbet' questions, which is compulsory, and six other questions, of which three must be answered.

Hy3565

The League of Nations in Decline 1933-1937

Teacher Responsible: Mr. E. Robertson, Room E407 (Secretary, Veronica Brooke, E602)

Course Intended Primarily for B.Sc. (Econ.) Part II specialists in both International History and International Relations and for others studying social sciences. Its aim is to provide a historical explanation on why the attempt to establish an instrument for crisis management and collective securities and for the promotion of the principle of self-determination foundered after the Manchurian crisis of 1932-1933.

Syllabus: A study of the intentions of the founding fathers of the League and of the text of the Covenant; on whether collective security, as provided by the Covenant and the Treaty of Locarno, was workable; on the strength and weaknesses of the League both inside and outside of Europe, especially in the Middle East early in 1933. Considerable emphasis will be laid on the conflict between Italy and the League over Ethiopia in 1935-1936 and on the repercussions on the League caused by the German reoccupation of the Rhineland on 7 March 1933; a short examination will be devoted to the effects of the Spanish civil war and of the emergence of the Rome-Berlin - (Tokyo) Axis on the League in December 1937.

Pre-Requisites: No pre-requisites are required. Students however are provided in class with two full bibliographies, one on the literature directly bearing on the subject; a second, for the course **International History since 1914**.

Teaching Arrangements: Twenty classes (Hy149) throughout the Michaelmas and Lent Terms in E407.

Written Work: Students are required to write two essays of approximately 3,000 words and read class papers.

Prescribed Texts: The text of the Covenant in F. P. Walters, *A History of the League of Nations*, Vol. 1, chap. 1; the text of the Treaty of Locarno a *Survey of International Affairs 1925*, Vol. 1; a selection from *Documents on British Foreign Policy* (second series) Vol. XIV; The Private papers of Ulrich von Hassell for February and March 1936 (Xeroxes to be distributed in class). There are also documents which are not prescribed but which are highly recommended "Hitler's letter of 4 December 1932 to Colonel W. von Reichman" (xeroxed), Mussolini's directives to the Italian army of 10 August and 30 December 1934, in A. Adamthwaite, *The Making of the Second World War* (London, 1977).

Select Bibliography

F. P. Walters, *The League of Nations*, 2 Vols.; Ruth Henig, *The League of Nations*; A. Zimmern, *The League of Nations and the Rule of Law*; R. A. C. Parker, 'Britain, France and the Ethiopian Crisis' in *English Historical Review* (London, 1969); K. Hilebrand, *The Foreign Policy of Nazi Germany*; D. Mark Smith, *Mussolini's Roman Empire*; E. M. Robertson, *Mussolini as Empire-BUILDER*; "Hitler and Sanctions; Mussolini and the Rhineland" in *Ethiopia Studies Review* (No. 4, 1977); F. Hardie, *The Abyssinian Crisis*; G. L. Weinberg, *The Foreign Policy of Nazi Germany*; G. Warner, *Pierre Laval and the Collapse of France*; G. W. Baer, *The Coming of the Italian-Ethiopian War; Test Case*; J. Barros, *Betrayal from Within - Joseph Avenal Secretary General of the League of Nations 1933-1940*.

Examination Arrangements: There is a formal three-hour paper in the Summer Term. Four questions must be attempted including question one on prescribed documents.

Hy3580

Palmerston, the Cabinet and the European Policy of Great Britain, 1846-1851

Teachers Responsible: Dr. R. J.

Bullen, Room E506 and Professor K. Bourne, Room E603 (Secretary, Mrs. M. Bradgate, E602)

Course Intended Primarily for second and third year B.A. History students.

Scope: A detailed analysis, based on the study of original sources of the formulation and execution of British foreign policy while Palmerston was Foreign Secretary in the first Russell Ministry.

Syllabus: The subject is not intended as a conventional essay in diplomatic history but as an examination of the respective roles of the Foreign Office and Diplomatic Service, the Cabinet, the Crown, the Press and Parliament during a critical period of Foreign Relations.

Pre-Requisites: Some previous knowledge of international relations and of British and European history in the Mid-nineteenth century is desirable. There are no foreign language requirements.

Teaching Arrangements: The course Hy154 will be taught in weekly seminars of approximately one and a half hours each, commencing at the beginning of the Summer Term and extending over three consecutive terms.

Written Work: Each student must expect, according to the numbers in class, to present at least one class paper and one tutorial essay or two class papers.

Reading List:

Prescribed Texts and Authorities:

Sir Henry Lytton Bulwer (Lord Dalling), *The Life of Henry John Temple, Viscount Palmerston: with Selections from his Correspondence*, Vol. III, Edited by Evelyn Ashley (London, 1874); Evelyn Ashley, *The Life of Henry John Temple, Viscount Palmerston: 1846-1865. With Selections from his Speeches and Correspondence*, 2 Vols. (London, 1876); G. P. Gooch (Ed.), *The Later Correspondence of Lord John Russell 1840-1878*, 2 Vols. (London, 1925); Arthur Christopher Benson & Viscount Esher (Eds.), *The Letters of Queen Victoria. A Selection from Her Majesty's Correspondence between the years 1837 and 1861*, 3 Vols. (London, 1907); Brian Connell, *Regina v. Palmerston. The Correspondence between Queen Victoria and her Foreign and Prime Minister 1837-1865* (London, 1962); Spencer Walpole, *The Life of*

Lord John Russell, 2 Vols. (London, 1889); Lytton Strachey & Roger Fulford (Eds.), *The Greville Memoirs, 1814-1860*, 8 Vols. (London, 1938); A. H. Johnson (Ed.), *The Letters of Charles Greville and Henry Reeve 1836-1865* (London, 1924).

(A list of the relevant pages of the above texts will be supplied to students taking the course.)

Examination Arrangements: The method of examination is one essay of 5000 words and one three-hour unseen question paper (requiring three answers, one on selected extracts from the prescribed texts and two on general topics).

Hy3583

Japan and the Far Eastern Crisis 1931-41

Teacher Responsible: Professor I. H. Nish, Room E502 in association with Dr. R. L. Sims, SOAS.

Course Intended Primarily for B.A. History

Scope: The course consists of a detailed survey of Japan's politics and foreign policy in the broader context of international relations in the east Asian area. It runs from the Manchurian crisis though special emphasis is placed on the events leading up to the attack on Pearl Harbour.

Syllabus: The course begins with the Manchurian Crisis of 1931-3 and the London Naval Conferences of 1930 and 1935-6. It proceeds to the Sino-Japanese War, the border clashes between Japan and Soviet Union and the Tientsin Crisis. It ends with a detailed discussion of American-Japanese diplomacy in 1940-41.

Pre-Requisites: Some previous knowledge of international relations in the area is desirable but not essential.

Teaching Arrangements: Teaching commences in Summer Term and consists of 30 lectures (Hy155) of 2 hours weekly. Initially teaching will be done at LSE by Professor Nish in Room E502. After 12 sessions, teaching passes to Dr. Sims at SOAS.

Written Work: Students will be required to write at least one essay for each teacher. Subjects for these essays (with accompanying suggested reading) will be handed out.

Reading List: Will be provided during the course of the lectures.

Examination Arrangements: The course will be examined by a three-hour formal examination taken in the Summer Term and an essay of 10,000 words. The examination paper

normally contains one "gobbet" question which is compulsory and 9 other essay-type questions of which candidates must attempt 2 questions.

Hy3586

The Great Powers 1945-54

Teacher Responsible: Dr. Antony Polonsky, Room E503 (Secretary, Mrs. Vivien Kannon, E402)

Course Intended Primarily for B.A. History

Scope: This special subject covers the period from the break-up of Allied unity from 1945 to the decisions of 1954 which led to the re-arming of the Federal Republic of Germany and its admission to the North Atlantic Treaty Organization. The approach to the subject is global and includes not only the Yalta and Potsdam Conferences, the crises of 1948, the creation of N.A.T.O., the movement towards Western European unity, the politics of the Soviet bloc, and the European Defence Community project, but also problems relating to the Near and Middle East, the formation of the Chinese People's Republic, the Korean War and the crisis in Indo-China. Attention is given also to the role of the United Nations, the Atom and Hydrogen bombs, Western and Soviet strategy and industrial integration in Europe.

Syllabus:

Paper I 1945-1949

The Yalta and Potsdam conferences. The extension of Soviet influence over Eastern Europe. Greece and the Great Powers 1945-49. The Truman doctrine and the Marshall plan. The Great Powers and the Chinese revolution 1945-1949. The German question 1945-1949. The establishment of Nato in 1949. The role of Atomic weapons in international relations 1945-1949.

Paper II 1950-1954

The origins of the Korean war. The conflict between President Truman and General MacArthur. The effect of President Eisenhower's election on US foreign policy. The consequences of the Korean war. The impact of Stalin's death on Soviet foreign policy. The development of British foreign policy 1950-54. The reasons for the failure of the European Defence Community. The Geneva agreements of 1954. The emergence of China as a Great Power.

Pre-Requisites: Students intending to take this course should also take either *The History of Europe since 1800* or *World History from the end of the Nineteenth Century*.

Teaching Arrangements: There will be 10

introductory lectures (Hy156) in the Summer Term. In the Michaelmas and Lent Terms there will be 20 one and a half hour classes.

Compulsory Documents: *The Tehran, Yalta and Potsdam Conference* – Documents (Progress Publishers, Moscow, 1969); *Great Britain: Foreign Office: Select Documents on Germany and the Question; U.S. Department of State: United States Relations with China* with special reference to the period 1944-1949 (G.P.O. Washington, 1949); *Documents on International Affairs, 1939-1946*, Vol. II (Hitler's Europe), selected and edited by Margaret Carlyle (O.U.P., 1954), Chapter IX, 5 Document ix-xii; *Documents on International Affairs 1947-1948*, selected and edited by Margaret Carlyle (O.U.P., 1952); *Documents on International Affairs, 1949-1950*, selected and edited by Margaret Carlyle (O.U.P., 1953); *Documents on International Affairs, 1951*, selected and edited by Denise Folliot (O.U.P., 1954); *Documents on International Affairs, 1952*, selected and edited by Denise Folliot (O.U.P., 1955); *Documents on International Affairs, 1953*, selected and edited by Denise Folliot (O.U.P., 1956); *Documents on International Affairs, 1954*, selected and edited by Denise Folliot (O.U.P., 1957); *The Great Powers and the Polish Question*, A. Polonsky (Ed.), (London, 1976); *The American Diplomatic Revolution*, J. M. Siracusa (Ed.), (Open University, 1978); *The Origins of the Cold War 1941-1947*, Walter La Feber (Ed.), (New York, 1971); *Containment. Documents on American Policy and Strategy 1945-1950*, T. H. Etzold & J. L. Gaddis (Eds.), (New York); *The Beginnings of Communist Rule in Poland*, A. Polonsky & B. Drukier (Eds.), (London, 1980).

Short Reading List:
 C. S. Maier (Ed.), *The Origins of Cold War and Contemporary Europe*, London, 1978;
 Daniel Yergin, *The Shattered Peace*, Boston, 1978; Vojtech Mastny, *Russia's Road to the Cold War*, Columbia, 1979; John L. Gaddis, *The United States and the Origins of the Cold War*, Columbia, 1971; Louis J. Halle, *The Cold War as History*, London, 1967; Gabriel Kolko, *The Politics of War*, London, 1968; Adam Ulam, *Expansion and Coexistence*, London, 1968; W. La Feber, *America, Russia and the Cold War*, New York, 1976; R. Divine, *Since 1945, Politics and Diplomacy in Recent American History*, New York, 1979; M. Macauley (Ed.), *Communist Power in Europe 1944-1949*, London, 1978.

Examination Arrangements: There are two formal three-hour examinations set by the University at the end of the course. Students are required in each paper to answer one compulsory question on the prescribed

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documents and two others. Work submitted during the year will be taken into account in the final assessment.

Detailed study guides are not provided for the following courses. Intending students should consult the teachers named below.

Hy4400

International History 1688-1740 (Seminar)

Teacher Responsible: Dr. Derek McKay, Room E405
 Course Intended Primarily for M.A./M.Sc. International History Paper 1
 Teaching Arrangements: Seminars (Hy160), Sessional.

Hy4403

International History 1740-1789 (Seminar)

Teacher Responsible: Dr. D. McKay, Room E405
 Course Intended Primarily for M.A./M.Sc. International History Paper 1
 Teaching Arrangements: Seminars (Hy161), Sessional.

Hy4406

International History 1789-1815 (Seminar)

Teaching Arrangements: This course is not available at present.

Hy4409

International History 1815-1870 (Seminar)

Teacher Responsible: Dr. R. J. Bullen, Room E506
 Course Intended Primarily for M.A./M.Sc. International History Paper 1
 Teaching Arrangements: Seminars (Hy163), Sessional.

Hy4412

International History 1870-1914 (Seminar)

Teacher Responsible: Professor I. H. Nish, Room E502
 Course Intended Primarily for M.A./M.Sc. International History Paper 1
 Teaching Arrangements: Seminars (Hy164), Sessional.

Hy4415

International History 1914-1946 (Seminar)

Teacher Responsible: Mr. G. A. Grün, Room E600, Professor D. C. Watt, Room E410 and Dr. Antony Polonsky, Room E503
 Course Intended Primarily for M.A./M.Sc. International History Paper 1
 Teaching Arrangements: Seminars (Hy165), Sessional.

Hy4425

Diplomatic Theory and Practice, 1500-1815

Teacher Responsible: Professor M. S. Anderson, Room E604
 Course Intended Primarily for M.A./M.Sc. International History Paper 2
 Teaching Arrangements: Twenty lectures and seminars (Hy170), Michaelmas and Lent Terms.

Hy4428

Diplomatic Theory and Practice, 1815-1919

Teacher Responsible: Professor M. S. Anderson, Room E604
 Course Intended Primarily for M.A./M.Sc. International History Paper 2
 Teaching Arrangements: Twenty lectures and seminars (Hy171), Michaelmas and Lent Terms.

Hy4431

Diplomatic Theory and Practice, 1919-1946

Teacher Responsible: Professor D. C. Watt, Room E410
 Course Intended Primarily for M.A./M.Sc. International History Paper 2
 Teaching Arrangements: Ten seminars (Hy172), Lent Term.

Hy4450

The Anglo-French Entente 1713-1740

Teacher Responsible: Dr. Derek McKay, Room E405
 Course Intended Primarily for M.A./M.Sc. International History Paper 3
 Teaching Arrangements: (Hy182).

Hy4455

Enlightened Despotism in the later Eighteenth Century

Teacher Responsible: Professor M. S. Anderson, Room E604
 Course Intended Primarily for M.A./M.Sc. International History Paper 3
 Teaching Arrangements: (Hy183).

Hy4460

Diplomacy by Conference, 1814-1833

Teacher Responsible: Dr. R. J. Bullen, Room E506
 Course Intended Primarily for M.A./M.Sc. International History Paper 3
 Teaching Arrangements: (Hy185).

Hy4465

The Polish Question in International Relations, 1815-1864

Teacher Responsible: Dr. Anthony Polonsky, Room E503
 Course Intended Primarily for M.A./M.Sc. International History Paper 3
 Teaching Arrangements: (Hy186).

Hy4470
**Anglo-American Relations,
1815-1872**
(Not available 1984-85)
Teacher Responsible: Professor K.
Bourne, Room E603
Course Intended Primarily for M.A./M.Sc.
International History Paper 3
Teaching Arrangements: (Hy188).

Hy4475
**The Mehemet Ali Crises,
1833-1841**
Teacher Responsible: Dr. R. J. Bullen,
Room E506
Course Intended Primarily for M.A./M.Sc.
International History Paper 3
Teaching Arrangements: (Hy187).

Hy4480
**Britain and the Triple
Alliance, 1887-1902**
(Not available 1984-85)
Course Intended Primarily for M.A./M.Sc.
International History Paper 3
Teaching Arrangements: (Hy191).

Hy4485
The Coming of War, 1913-1914
Teacher Responsible: Dr. D.
Stevenson, Room E508
Course Intended Primarily for M.A./M.Sc.
International History Paper 3
Teaching Arrangements: (Hy194).

Hy4490
**The Powers and the West
Pacific, 1911-1941**
Teacher Responsible: Professor I. H.
Nish, Room E502
Course Intended Primarily for M.A./M.Sc.
International History Paper 3
Teaching Arrangements: (Hy193).

Hy4495
**The Peace Settlement of
1919-1921**
Teacher Responsible: Mr. G. A. Grün,
Room E600
Course Intended Primarily for M.A./M.Sc.
International History Paper 3
Teaching Arrangements: (Hy196).

Hy4500
**The Foreign Policy of the
Weimar Republic, 1919-1933**
Teacher Responsible: Mr. G. A. Grün,
Room E600
Course Intended Primarily for M.A./M.Sc.
International History Paper 3
Teaching Arrangements: (Hy197).

Hy4505
**The Military Policies of the
Great Powers, 1919-1939**
Teacher Responsible: Professor D. C.
Watt, Room E410
Course Intended Primarily for M.A./M.Sc.
International History.

Hy4510
**The Comintern and its Enemies,
1919-1943**
Teacher Responsible: Mr. E. M.
Robertson, Room E407
Course Intended Primarily for M.A./M.Sc.
International History Paper 3
Teaching Arrangements: (Hy195).

Hy4515
**The Period of Appeasement,
1937-1939**
Teacher Responsible: Professor D. C.
Watt, Room E410
Course Intended Primarily for M.A./M.Sc.
International History Paper 3
Teaching Arrangements: (Hy202).

Hy4520
**The European Settlement,
1944-1946**
Teacher Responsible: Professor D. C.
Watt, Room E410
Course Intended Primarily for M.A./M.Sc.
International History Paper 3
Teaching Arrangements: (Hy203).

Hy4525
**International History of
East Asia from 1900**
Teacher Responsible: Professor I. H.
Nish, Room E502
Course Intended Primarily for M.A. in Area
Studies (Far Eastern Studies)
Teaching Arrangements: (Hy225).

Hy4540
European History since 1945
Teacher Responsible: Dr. A. Sked,
Room E408
Course Intended Primarily for M.Sc. in
European Studies
Teaching Arrangements: Fifteen lectures
(Hy241), Michaelmas and Lent Terms and
classes (Hy241a) in the Lent Term.

Hy4550
**National and International
Problems in Sea-Use Policy
Making**
Teacher Responsible: Professor D. C.
Watt, Room E410

Hy4575
**Anarchism, Movements and
Ideas from the 1860's to 1918**
Teacher Responsible: Dr. Antony
Polonsky, Room E503
Course Intended Primarily for M.A. in Area
Studies (European Studies)
Teaching Arrangements: Intercollegiate
Seminar (Hy231), Sessional.

Hy4580
**The United States and
European International
Politics, 1900-1945 (Seminar)**
Teacher Responsible: Professor D. C.
Watt, Room E410
Course Intended Primarily for M.A. in Area
Studies (United States Studies)
Teaching Arrangements: Seminars (Hy221),
Sessional.

International Relations Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
IR101	Structure of International Society Dr. M. Leifer	20/ML	IR3600
IR102	International Politics Mr. P. Windsor	20/ML	IR3700
IR104	Concepts and Methods of International Relations Mr. M. H. Banks	10/M	IR3700; IR4621; IR4700
IR105	The Foreign Policies of the Powers Various lecturers	30/LS	IR3702 IR3770; IR4610 IR4661; IR4660; IR4662; IR4663; IR4750
IR106	Foreign Policy Analysis Dr. C. J. Hill	10/M	IR3702; IR4610; IR3781
IR107	Decisions in Foreign Policy Dr. C. Coker and Dr. C. J. Hill	8/L	IR3702; IR4610 IR3781
IR108	International Institutions Professor S. Strange	20/ML	IR3703; IR4630; IR3783
IR116	International Communism Mr. G. H. Stern	18/ML	IR3770; IR4661
IR118	New States in World Politics Dr. Lyon	10/M	IR3700; IR4610; IR4662; IR4663
IR119	International Relations in Southern Asia Dr. M. Leifer	10/M	IR4662
IR120	International Politics of Africa Mr. J. B. L. Mayall	10/ML	IR4663; IR4755
IR121	The Great Powers and the Middle East Mr. P. Windsor and Mr. S. F. P. Halliday	18/ML	IR4663

Lecture/ Seminar Number			Study Guide Number
IR122	The Politics of Western European Integration Dr. P. G. Taylor	10/M	IR3771; IR4631; IR4751
IR123	The External Relations of the European Community Dr. C. J. Hill	5/L	IR4631; IR4751; IR3771
IR124	International Business in the International System Professor S. Strange	5/M	IR4641
IR125	Money in the International System Professor S. Strange	15/ML	IR4642
IR135	The International Legal Order Dr. Delupis	10/M	IR3750; IR4632
IR136	The Ethics of War Mr. M. D. Donelan	10/M	IR3755
IR137	The Politics of International Economic Relations Mr. M. D. Donelan and Mr. J. B. L. Mayall	10/M	IR3752; IR4640; IR4641; IR3784; IR4643
IR138	The Strategic Aspects of International Relations Dr. H. Macdonald	20/ML	IR3754; IR4650; IR3782
IR139	Disarmament and Arms Limitation Mr. N. A. Sims	15/ML	IR139
IR140	International Verification Mr. N. A. Sims	5/L	IR140
IR141	Concepts and Issues in War Studies (post 1945) Professor L. Freedman and others	22/MLS	IR141
IR142	Current Issues in International Relations Seminar Mr. G. H. Stern	10/L	IR142
IR143	Problems of Foreign Policy: The United States and the Vietnam War, 1954-75 (Not available 1984-85) Dr. C. Coker	10/M	IR3704
IR151	International Politics (Graduate Course) Mr. M. D. Donelan	10/M	IR4600
IR152	International Politics — Seminar Dr. C. J. Hill	10/M	IR4600
IR153	Foreign Policy Analysis — Seminar Dr. C. Coker	15/LS	IR4610
IR154	International Political Economy Workshop Professor S. Strange	10/ML	IR154

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
IR155	Western International Politics — Seminars		
	(i) Western Powers Dr. H. Macdonald	15/LS	IR4660
	(ii) Western Europe Dr. H. Macdonald	15/LS	IR4750
IR156	International Politics: the Communist Powers — Seminar Mr. G. H. Stern	8/LS	IR4661
IR157	Asia and the Pacific in International Relations — Seminar Dr. M. Leifer	16/LS	IR4662
IR158	Foreign Relations of African States — Seminar Mr. J. B. L. Mayall	15/LS	IR4663; IR4755
IR159	International Relations of the Middle East—Seminar Mr. P. Windsor and Mr. S. F. P. Halliday	10/LS	IR4663
IR160	International Institutions — Seminar Mr. N. A. Sims	13/LS	IR4630
IR161	European Institutions — Seminar Dr. P. G. Taylor	15/ML	IR4631
IR162	External Relations of the European Community — Seminar Dr. C. J. Hill	6/L	IR4631; IR4751; IR4750; IR4660
IR164	Concepts and Methods of International Relations — Seminar Mr. M. H. Banks	Not given 1984/85	IR4621
IR166	The Politics of International Economic Relations — Seminar Mr. M. D. Donelan and Mr. J. B. L. Mayall	10/L	IR4640
IR167	Money in the International System — Seminar Professor S. Strange	15/ML	IR4642
IR168	International Business in the International System — Seminar Professor S. Strange	15/ML	IR4641
IR169	The International Legal Order — Seminar Dr. Delupis	10/L	IR4632
IR170	Strategic Studies — Seminar Mr. P. Windsor and Dr. H. Macdonald	25/MLS	IR4650
IR171	Disarmament and Verification — Seminar Mr. N. A. Sims	6/S	IR171
IR172	Contemporary Strategic Issues — Seminar Professor L. Freedman, Dr. Paskins and Dr. Mendl	10/ML	IR172

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
IR173	The International Law and Organisation of Latin America and the Caribbean Dr. Parkinson	25/MLS	IR4633
IR174	World Politics — Seminar Mr. S. F. P. Halliday, Dr. P. G. Taylor and Dr. C. Coker	20/ML	IR4700
IR175	Politics of International Trade — Seminar Mr. J. B. L. Mayall	20/ML	IR4643
IR176	International Political Economy — Lecture Professor P. J. D. Wiles	25/ML	IR4639
IR177	International Political Economy — Seminar Professor P. J. D. Wiles and Professor S. Strange	15/ML	IR4639
IR180	General International Relations — Seminar Professor S. Strange	15/ML	IR180
IR181	International Relations Research Seminar Dr. M. Leifer	10/M	IR181
IR182	International Political Theory Mr. M. D. Donelan	10/ML	IR182
IR183	Interacting Aspects of Security Policy Workshop Dr. H. Macdonald and Mr. P. Windsor	15/MLS	IR183
IR184	Political Questions in a Philosophical Context — Seminar Mr. A. Smith and Mr. P. Windsor	20/LS	IR184
IR185	Foreign Policy Issues Workshop Dr. C. Coker and Dr. C. J. Hill	15/MLS	IR185

INTERNATIONAL RELATIONS

IR105

Foreign Policies of the Powers Teacher Responsible: Dr. C. J. Hill, Room A232 (Secretary, Elizabeth Leslie, A235)

Course Intended Primarily for 2nd year BSc (Econ) International Relations students taking **Foreign Policy Analysis** (IR3702) as a compulsory paper; MSc International Relations students taking the **Foreign Policy Analysis** (IR4610) option; Beaver College (one-term) and other interested students.

Scope: The foreign policies and foreign policy processes of selected major states since 1945, depending on examination requirements and teachers available.

Syllabus: An analysis of the foreign policies of a selected group of major States, with due regard to their respective national interests, external commitments, traditional values and other relevant factors. The role of internal group interests and electoral considerations. Constitutional machinery for the formulation of foreign policy. Diplomatic services and techniques. Illustrative material will be drawn mainly from the post-1945 period.

This year there will be lectures on Britain, the United States, the Soviet Union, France, West Germany, Indonesia, India, Japan and China.
Pre-Requisites: None.

Teaching Arrangements: A number of individuals from the International Relations and International History Departments, as well as guest lecturers participate in the series, which takes place on Mondays and Fridays at 11 a.m. in the Lent and early Summer Terms. There will be at least thirty lectures in all.

Written Work: See below — **Examination Arrangements**

Reading List:

(a) **The United States:** N. Graebner, *Ideas and Diplomacy*; C. V. Crabb, *Policy Makers and Critics*; B. C. Cohen, *The Press and Foreign Policy*; T. Frank and E. Weisband, *Foreign Policy by Congress*; R. Scustadt, *Presidential Power*; R. Hilsman, *The Politics of Policy Making in Defense and Foreign Affairs*; I. Destler, *Making Foreign Economic Policy*; L. Kirkpatrick, *The United States Intelligence Community*.

(b) **The United Kingdom:** Lord Strang, *The Foreign Office*; F. S. Northedge, *Descent from Power: British Foreign Policy, 1945-1973*; Roy E. Jones, *The Changing Structure of British Foreign Policy*; David Dilks (Ed.), *Retreat from Power* (2 Vols.); F. S. Northedge, *The*

Troubled Giant; M. Leifer (Ed.), *Constraints and Adjustments in British Foreign Policy*; R. Boardman and A. J. R. Groom (Eds.), *The Management of Britain's External Relations*; E. Barker, *Britain in a Divided Europe*; U. Kitzinger, *Diplomacy and Persuasion*; A. J. Pierre, *Nuclear Politics*; S. Strange, *Sterling and British Policy*; Paul Kennedy, *The Realities behind Diplomacy. Background Influences on British External Policy, 1865-1980*; W. Wallace, *The Foreign Policy Process in Britain*.

(c) **The Soviet Union:** J. Steele, *World Power*; R. Edmonds, *Soviet Foreign Policy: the Brezhev Years*; G. Arbatov & W. Oltmans, *Cold War or Detente: the Soviet viewpoint*; J. F. Triska and D. D. Finley, *Soviet Foreign Policy*; A. B. Ulam, *Expansion and Co-existence*; W. Welch, *American Images of Soviet Foreign Policy*; E. Hoffman and F. Fleron (Eds.), *The Conduct of Soviet Foreign Policy*.

(d) **France:** Edward A. Kolodziej, *French International Policy under de Gaulle and Pompidou*; Herbert Tint, *French Foreign Policy since the Second World War*; Philip Cerny, *The Politics of Grandeur-Ideological Aspects of de Gaulle's Foreign Policy*; W. Wallace and W. Paterson (Eds.), *Foreign Policy-Making in Western Europe*; Jack Hayward, *The One and Indivisible French Republic*; Vincent Wright, *The Government and Politics of France*; Martin Schain and Philip Cerny (Eds.), *French Politics and Public Policy*.

(e) **India:** J. Bandyopadhyaya, *The Making of India's Foreign Policy*; W. J. Barnds, *India, Pakistan and the Great Powers*; C. H. Heimsath and S. Mansingh, *A Diplomatic History of Modern India*; R. Kothari, *Politics in India*; L. J. Kavic, *India's Quest for Security, Defence Policies 1947-65*; A. Lamb, *The China-India Border*; N. Maxwell, *India's China War*; K. P. Misra (Ed.), *Studies in Indian Foreign Policy*; J. Nehru, *An Autobiography*; J. Nehru, *Speeches*; R. L. Park, "India's Foreign Policy", Chapter 9 in Roy C. Macridis (Ed.), *Foreign Policy in World Politics*, 4th edn.; B. Sen Gupta, *The Fulcrum of Asia: Relations Among China, India, Pakistan and the USSR*; O. H. K. Spate and A. T. A. Learmonth, *India and Pakistan*; K. Subrahmanyam, *Bangladesh and India's Security*; S. P. Varma and K. P. Misra (Eds.), *Foreign Policies in South Asia*; W. A. Wilcox, "India and Pakistan" in Spiegel and Waltz (Eds.), *Conflict in World Politics*.

(f) **West Germany:** H. Speier (Ed.), *West German Leadership and Foreign Policy*; A. Grosser, *Germany in our Time*; K. Kaiser and R. Morgan

(Eds.), *Great Britain and West Germany: Changing Societies and the Future of Foreign Policy*; R. Morgan, *West Germany's Foreign Policy Agenda*; K. Deutsch and L. Edinger, *Germany Rejoins the Powers*; H. Plessner, *Die verspätete Nation*.

(g) **Indonesia:** G. McT. Kahin, *Nationalism and Revolution in Indonesia*; A. M. Taylor, *Indonesian Independence and the U.N.*; L. H. Palmier, *Indonesia and the Dutch*; J. A. C. Mackie, *Konfrontasi. The Indonesia-Malaysia Dispute, 1963-1966: Sukarno's Indonesian Revolution*; F. B. Weinstein, *Indonesia Abandons Confrontation; Indonesian Foreign Policy and the Dilemma of Dependence*; M. Leifer, *Malacca, Singapore and Indonesia (Vol. II, International straits of the World)*; M. Leifer, *Indonesia's Foreign Policy*.

(h) **Japan:** E. Wilkinson, *Misunderstanding: Europe vs Japan*; D. C. Hellman, *Japan and East Asia: The New International Order*; F. C. Langdon, *Japan's Foreign Policy*; D. H. Mendel, *The Japanese People and Foreign Policy*; L. Olson, *Japan in Postwar Asia*; J. A. Stockwin, *The Japanese Socialist Party and Neutralism*; M. E. Weinstein, *Japan's Postwar Defence Policy, 1947-1968*.

Examination Arrangements: This lecture course is not examinable as a course in itself. It provides the material for Section B of the BSc **Foreign Policy Analysis** course (IR3702) and the Diploma **Foreign Policy Analysis** course and important background information for the MSc **Foreign Policy Analysis** course (IR4610). It is only available as credit for General Course students as part of the **Foreign Policy Analysis** course as a whole.

contexts, pressures and procedures? Problems of power and decision-making in crisis.

Cases: The British Decision for War, 1939; US Involvement in Vietnam 1956-63; The Camp David Agreement 1978-9; Britain's withdrawal from East of Suez, 1956-74; The Soviet Invasion of Czechoslovakia, 1968; Soviet Intervention in Angola, 1974-6.
Conclusions: Comparisons, contrasts, common factors, the utility of foreign policy theory.

Teaching Arrangements: a course of 6 lectures will be given in the Lent Term which will complement the foreign policy analysis lectures given in the Michaelmas Term. All students are advised to attend lecture series IR106, **Foreign Policy Analysis** and IR105, **The Foreign Policies of the Powers** (various lectures. Other relevant lectures will be announced from time to time.

Reading List: M. Brecher, *Decisions in Crisis*; G. Parry, *Political Elites*; I. Janis, *Victims of Groupthink*; S. Aster, 1939; M. Howard, *The Continental Commitment*; S. Newman, *March 1939: The British Guarantee to Poland*; Z. Brzezinski, *Power and Principle*; J. Carter, *Keeping Faith*; I. Fahmy, *Negotiating for Peace in the Middle East*; P. Darby, *British Defence Policy East of Suez, 1947-1968*; P. Gordon Walker, *The Cabinet* (Revised edn.); H. Wilson, *The Labour Government, 1964-70*; P. Windsor and E. A. Roberts, *Czechoslovakia, 1968*; J. Valenta, *Soviet Intervention in Czechoslovakia, 1968*; J. Maram, *The Angolan Revolution* (Vol. 2); A. Klinghoffer, *The Soviet Union and Angola*.

IR118

New States in World Politics Teacher Responsible: Dr. Peter Lyon Institute of Commonwealth Studies (Secretary, Mrs. P. Carpenter 01 580 5876)

Course Intended Primarily for B.Sc. (Econ) Part II, M.Sc., Dip. Int. & Comp. Pol. & other graduate students.

Scope: This is a comparative and thematic treatment of the subject, not only of contemporary new states but also viewed historically at least since the 18th century.
Syllabus: Comparative evaluation of the ways in which new states emerge into independence, their assets and liabilities for the conduct of their international affairs, and their roles as producers or consumers of international order. The contemporary new states in terms

IR107 Decisions in Foreign Policy

Teacher Responsible: Dr. C. J. Hill,
(Room A232) and Dr. C. Coker,
Room A136 (Secretary, Elizabeth
Leslie A235)

Course Intended Primarily for B.Sc. (Econ.) 3rd year I.R. Specialists, Diploma in International and Comparative Politics, M.Sc.; and other interested students.

Scope: The aim of this course of lectures is to provide case studies of six major decisions in foreign policy, as well as a brief discussion of decision-making and crisis management.
Syllabus: An examination, through case studies, of decision-making in the field of foreign policy. How far do the sources of foreign policy vary, according to issues,

of: statehood and nationhood; neutralism and non-alignment; imperialism, colonialism and neo-colonialism; praetorianism and populism; autonomy and autarchy; irredentism and secessionism.

Pre-Requisites: None.

Teaching Arrangements: One lecture course of one lecture a week taught in the Michaelmas Term.

Written Work is not normally required, except for those making special examination arrangements with the teacher responsible (see below).

Basic Reading: Benedict Anderson, *Imagined Communities. Reflections on the Origin and Spread of Nationalism*; D. Apter, *The Politics of Modernisation*; C. E. Black, *The Dynamics of Modernisation*; Hedley Bull (Ed.), *The Expansion of International Society*; P. Calvocoressi, *New States and World Order*; K. W. Deutsch and W. Foltz (Eds.), *Nation-Building*; S. N. Eisenstadt, *Tradition, Change and Modernity*; S. E. Finer, *The Man on Horseback*; C. Geertz (Ed.), *Old Societies and New States*; S. Huntington, *Political Order in Changing Societies*; A. James (Ed.), *The Bases of International Order*; G. H. Jansen, *Afro-Asia and Non-alignment*; E. Kedourie, *Nationalism*; E. Kedourie, *Nationalism in Asia and Africa*; P. Lyon, *Neutralism*; R. Mortimer, *Third World Coalition in International Politics*; D. Rustow, *A World of Nations*; Dudley Seers, *The Political Economy of Nationalism*; E. Shils, *Political Development in the New States*; E. Shils, *Center and Periphery: Essays in Macrosociology*; H. Seton-Watson, *States and Nations*.

Further reading can be provided as the course proceeds.

Examination Arrangements: Normally there is no examination, but special arrangements for one three hour formal written examination (three questions to be answered out of ten) or for a general essay may be made by agreement with the teacher responsible.

IR123

External Relations of the European Community

Teacher Responsible: Dr. C. Hill, Room A232 (Secretary, Mrs. E. Leslie, A235)

Course Intended Primarily for MSc European Studies students taking International Politics of Western Europe paper; MSc International Relations students taking International Politics: the Western Powers; and also any

MSc and BSc students taking Western European Integration; and all other interested students.

Teaching Arrangements: There will be five lectures in the first five weeks of the Lent Term, followed by five seminars. These lectures and seminars (IR162) are designed to provide part of the coursework for the examination papers mentioned above, and it is *only* examinable as part of such courses. It is *not* available as credit on its own for General Course students.

Scope: The aim of the course is to cover the external activities of the European Communities and their member states since 1957. This includes both activities deriving from the Treaties and traditional, informal methods of national diplomacy, in a loose, collaborative framework.

Syllabus: The syllabus deals with the external ramifications of common policies of trade, agriculture, and steel, together with the evolving relations between the Community and the Third World, and the emergence of the European Political Cooperation 1970. Relations with member states or groups of states are also given close attention, namely the United States and Japan, the USSR and other socialist countries, Euro-Arab Dialogue and the Lome Conventions with the African, Caribbean and Pacific countries.

Written Work: In line with the above remarks about the subordination of these lectures and seminars to broader courses, there will be no required written work. However, students may discuss their particular needs with Dr. Hill.

Basic Reading List: J. Lodge (Ed.), *Institutions and Policies of the European Community*, (Part III), London, Frances Pinter, 1983; Loukas Tsoukalis, (Ed.), *The European Community: Past, Present and Future*, Basil Blackwell, 1983 (reprinted from the *Journal of Common Market Studies*); Kenneth Twitchett, (Ed.), *Europe and the World: The External Relations of the Common Market*, Europa, 1976; David Allen, Reinhard, Rummel & Wolfgang Wessels, *European Political Cooperation*, London, Butterworths, 1982; Christopher Hill (Ed.), *National Foreign Policies and European Political Cooperation*, London, George Allen & Unwin, 1983.

Examination Arrangements: There is no specific examination arising out of these lectures and seminars but the material is examined in the courses mentioned above.

IR139

Disarmament and Arms Limitation

Teacher Responsible: Mr. N. A. Sims, Room A231 (Secretary, Mrs. E. Leslie, A235)

Course Intended Primarily for all students interested.

Scope: These lectures seek to identify and explore the essential problems of disarmament and arms limitation, and the patterns of diplomacy and discourse they have generated; and to show how they relate to the central concerns of International Relations.

Syllabus: Sequences of diplomacy, functions of the United Nations and contributions of treaties in the international discourse of disarmament. Changing conceptions of disarmament and arms limitation; the history and effect of negotiations in these matters; unilateral disarmament; regional arms limitations; the control of nuclear testing and nuclear proliferation; agreements on seabed arms control and on chemical and biological weapons. The political, economic, legal, institutional and intellectual context of disarmament and arms limitation.

Prohibitions and restraints in the conduct of war; relationships between assimilation of weapons, modes of warfare, international humanitarian law of armed conflict, and the diplomacy of disarmament. Deterrence and the ethics of conditional intention. Public opinion and other non-governmental influences on disarmament; institutional framework of policy formation and international negotiation; international behavioural assumptions underlying approaches to disarmament.

Pre-Requisites: None.

Teaching Arrangements: 15 Michaelmas and Lent Terms.

Written Work: None.

Reading List: S. D. Bailey, *Prohibitions and Restraints in War*; F. Barnaby and G. P. Thomas (Eds.), *The Nuclear Arms Race: Control or Catastrophe?*; J. H. Barton and L. D. Weiler (Eds.), *International Arms Control*; L. Beaton, *The Reform of Power*; G. Best, *Humanity in Warfare*; H. G. Brauch & D L. Clarke (Eds.), *Decisionmaking for Arms Limitation*; H. Bull, *The Control of the Arms Race*; A. Carter (Ed.), *Unilateral Disarmament*; D. L. Clarke, *The Politics of Arms Control*; J. Dahliz, *Nuclear Arms Control*; W. Epstein, *The Last Chance: Nuclear Proliferation and Arms Control*; G. Fischer, *The Non-Proliferation of Nuclear Weapons*; L. Freedman, *Arms Control in Europe*; J. Garnett

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(Ed.), *Theories of Peace and Security*; J. Goldblat (For SIPRI), *Agreements for Arms Control*; G. L. Goodwin (Ed.), *Ethics and Nuclear Deterrence*; A. Gotlieb, *Disarmament and International Law*; M. A. Kaplan (Ed.), *SALT: Problems and Prospects*; W. H. Kincaid and J. D. Porro (Eds.), *Negotiating Security: An Arms Control Reader*; E. Luard (Ed.), *First Steps to Disarmament*; S. de Madariaga, *Disarmament*; M. Meselson (Ed.), *Chemical Weapons and Chemical Arms Control*; A. Myrdal, *The Game of Disarmament*; R. Neild, *How to Make Up Your Mind About the Bomb*; P. J. Noel-Baker, *The Arms Race*; C. E. Osgood, *An Alternative to War or Surrender*; A. J. Pierre, *The Global Politics of Arms Sales*; R. J. Ranger, *Arms and Politics, 1958-1978*; A. Roberts and R. K. Guelff, *Documents on the Laws of War*; N. A. Sims, *Approaches to Disarmament*; Stockholm International Peace Research Institute, *SIPRI Yearbook of World Armaments and Disarmament*; R. W. Terchek, *The Making of the Test Ban Treaty*; P. Wallensteen (Ed.), *Experiences in Disarmament*; M. Willrich and J. B. Rhinelanders (Eds.), *SALT: The Moscow Agreements and Beyond*; Sir Michael Wright, *Disarm and Verify*; E. Young, *A Farewell to Arms Control?*; a longer list, with publication details of books, related articles available in the Library's Offprint Collection, and guidance on other materials, is included in the course literature distributed at the first lecture in this series.

Examination Arrangements: This course is not examined and is not intended as preparation for any particular examination.

Office Hour: Mr. Sims is normally available to see students briefly without prior appointment during his regular "office hour" in A231 (extension 472). For longer meetings appointments may be made with his Secretary in A235 (extension 488).

IR140

International Verification

Teacher Responsible: Mr. N. A. Sims, Room A231 (Secretary, Mrs. E. Leslie, A235)

Course Intended Primarily for all students interested.

Scope: The practice and problems of the verification of compliance with international obligations, especially in relation to disarmament and arms limitation treaties, but with some attention paid to other systems of international verification for comparison of procedures.

Syllabus: The nature of international verification and related concepts, including control, detection, inspection, investigation, safeguards and supervision. The relationship between confidence, credibility and arrangements for verification of compliance with treaty obligations. The social and legal bases of compliance. The changing debate over verification of disarmament and arms control agreements: certainty and probability; recent developments in complaint and consultation procedures; national and international controls. Disarmament and arms control verification compared with verification arrangements in selected sectors of the United Nations system: the experience of Specialised Agencies and other inter-governmental organisations. Intrusiveness, stringency and other qualities of verification procedures. The interaction of diplomacy, law, science, politics and international organisation in different patterns of verification.

Pre-Requisites: This course is intended to complement the lecture series IR139, which students should attend over the preceding term and a half. Some familiarity with the elements of international organisation, in particular the United Nations system, is also expected.

Teaching Arrangements: 5 Lent Term.
Written Work: None.

Reading List: J. Alford, *The Future of Arms Control, Part III: Confidence-Building Measures*; R. J. Barnett and R. A. Falk (Eds.), *Security in Disarmament*; I. Bellamy & C. D. Blacker (Eds.), *The Verification of Arms Control Agreements*; L. Freedman, *US Intelligence and the Soviet Strategic Threat*; J. Goldblat (for SIPRI), *Agreements for Arms Control*; C. W. Jenks, *Social Justice in the Law of Nations*; E. A. Landy, *The Effectiveness of International Supervision*; E. Luard, *International Agencies*; A. McKnight, *Atomic Safeguards: a Study in International Verification*; S. Melman (Ed.), *Inspection for Disarmament*; M. Meselson (Ed.), *Chemical Weapons and Chemical Arms Control*; A. Myrdal, *The Game of Disarmament*; W. C. Potter, *Verification and SALT: The Challenge of Strategic Deception*; N. A. Sims, *Approaches to Disarmament*; Stockholm International Peace Research Institute, *Chemical Disarmament: Some Problems of Verification*; Sir Michael Wright, *Disarm and Verify*; O. R. Young, *Compliance and Public Authority*; W. Young, *Existing Mechanisms of Arms Control*.
Examination Arrangements: This course is not examined and is not intended as preparation for any particular examination.
Office Hour: See under IR139.

IR141
Concepts and Issues in War Studies (post 1945)

Teachers Responsible: Professor Freedman, Dr. Mendl, Dr. Dockrill and Dr. Paskins.

Course Intended Primarily for M.Sc.
Syllabus: Basic strategic, ethical and civil-military relations concepts. Issues in the Nuremberg trials. Evolution of strategic doctrine and arms control measures in relation to international politics and civil-military relations. The military in politics Technology and Strategy. Disarmament, defensive strategies and other unorthodoxies.
Teaching Arrangements: 22 lectures IR141), Sessional at King's College.

IR142
Current Issues in International Relations (Seminar)

Teacher Responsible: Geoffrey Stern, Room A140 (Secretary, Ms Anna Morgan, A138)

Course Intended for M.Sc. and B.Sc. students specialising in International Relations as well as students taking the Diploma in International and Comparative Politics.

Scope: The aim of the course is to provide a weekly forum for the discussion of topics of current interest to the student of International Relations. Matters of the moment are examined and analysed in terms of their international significance and of the issues they raise for the academic study of International Relations.

Pre-Requisites: Students will be expected to have some familiarity with current affairs as well as some background in International Relations.

Teaching Arrangements: There are ten weekly seminars in the Lent Term. Since the emphasis is on verbal fluency in the articulation of ideas about international relations, no class papers or other written work is involved.

IR154
International Political Economy Workshop

Teacher Responsible: Professor S. Strange, Room A134 (Secretary, Hilary Parker, Room A139)

Course Intended for research students only.

IR171
Disarmament and Verification Seminar

Teacher Responsible: Mr. N. A. Sims, Room A231 (Secretary, Mrs. E. Leslie, A235)

Course Intended Primarily for all students interested.

Scope: This seminar offers an opportunity for students to discuss with outside speakers and one another topics of particular interest in disarmament and verification. Current diplomatic problems and policy issues in this field receive special emphasis. The seminar also affords research students a meeting-place and, on occasion, a chance to share the fruits of their own research; but it is by no means limited to research students.

Syllabus: none.

Pre-Requisites: The seminar is intended to complement the lecture series IR139 and IR140, which students should attend over the two preceding terms.

Teaching Arrangements: 6 Summer Term.

Written Work: None.

Reading List: None.

IR172
Contemporary Strategic Issues

Teachers Responsible: Professor Freedman, Dr. Paskins and Dr. Mendl.

Course Intended Primarily for research students.

Teaching Arrangements: Seminars (IR172) fortnightly, Michaelmas and Lent Terms at King's College.

IR180
General International Relations Seminar

Course Intended Primarily for research students.

Teaching Arrangements: Programme of discussions to be announced.

IR181
International Relations Research Seminar

Teacher Responsible: Dr. M. Leifer, Room A137 (Secretary, Ms. A. Morgan, A138)

Course Intended Primarily for first-year research students.

IR182
International Political Theory

Teacher Responsible: Mr. M. D. Donelan, Room A135 (Secretary, Ms. A. Morgan, A138)

Course Intended Primarily for staff and for interested research and Master's students by invitation.

Teaching Arrangements: Seminars (IR182) fortnightly, Michaelmas and Lent Terms.

IR183
Interacting Aspects of Security Policy — Workshop

Teachers Responsible: Dr. Hugh Macdonald, Room A236 and Philip Windsor, Room A120 (Secretary, Anna Morgan, A138)

Course Intended Primarily for research students.

IR184
Political Questions in a Philosophical Context

Teachers Responsible: Mr. Andrew Smith, Room A230 and Mr. Philip Windsor, Room A120 (Secretary, Elizabeth Leslie, A235)

Course Intended Primarily for members of staff and graduate students by invitation.

Teaching Arrangements: Seminars (IR187) Lent and Summer Terms.

IR185
Foreign Policy Issues Workshop
Teachers Responsible: **Dr. Christopher Coker**, Room A230 and **Dr. C. J. Hill** (Secretary, Elizabeth Leslie, A235)

Course Intended Primarily for interested research students.

IR3600
The Structure of International Society

Teacher Responsible: **Dr. M. Leifer**, Room A137 (Secretary, Ms. A. Morgan, A138)

Course Intended Primarily for B.Sc. (Econ.) Part I

Scope: The aim of the course is to introduce students to the nature of a society of states distinguished by the absence of a common government.

Syllabus: Justification for the use of the term 'society' to describe the collectivity of states. Sovereignty as the basis of international society. International law and diplomacy as pre-requisites for the conduct of orderly relations between states.

The significance of the concept of national interest.

The nature of international politics – the balance of power; the threat and use of force in contemporary international relations. Other ways in which foreign policy is executed. Neutralism as an option for states. The current importance of nationalism and imperialism. International communism. The impact of underdevelopment on international politics. Disarmament and the pacific settlement of disputes.

The search for security: attempts at integration and the role of the U.N.

Teaching Arrangements: There is one lecture course accompanied by a class.

Lectures – IR101, **The Structure of International Society**. 20 Michaelmas and Lent Terms.

Classes – IR101a beginning early Michaelmas – with members of the International Relations Department.

Written Work: Each student is required to write four essays of approximately 1500 words which will be set and marked by class teachers.

Basic Reading List: A fuller course description and extensive reading guide will be made available to all interested students.

Joseph Frankel, *International Relations in a*

Changing World; P. A. Reynolds, *An Introduction to International Relations*; F. S. Northedge, *The International Political System*; J. W. Burton, *World Society*; P. Calvocoressi *World Politics since 1945*.

Examination Arrangements: There is one three-hour formal written examination in the Summer Term. The paper contains twelve questions of which four are to be answered. All questions count equally; there is no course work component. Copies of previous years papers are included in the fuller course description.

IR3700
International Politics

Teacher Responsible: **Philip Windsor**, Room A120 (Secretary Elizabeth Leslie, A235)

Course Intended Primarily for B.Sc. (Econ.) Part II International Relations specialists; B.A./B.Sc. c.u. The lectures (IR102) are also appropriate for those M.Sc. and Diploma students who wish to strengthen their background in the field.

Scope: This is the core field for specialists in international relations, combining an emphasis on political aspects of the subject with a general survey of international relations as a whole.

Syllabus: The emergence and organisation of the modern system of sovereign states. The political process in the international community and contemporary thought on its character and functioning. The means of pressure and forms of political relationship between states. The dynamic aspect: revolutionary movements, the external projection of political values and the changing distribution of power and leadership. War, mechanisms for ensuring stability, and agencies for directed change.

Pre-Requisites: None, although B.Sc. (Econ.) specialists are encouraged to have taken **Structure of International Society** at Part I of their degree.

Teaching Arrangements: There are twenty lectures (IR102) given by **Mr. Windsor** in the Michaelmas and Lent Terms. For B.Sc. (Econ.) and General Course students, there are also fifteen classes, beginning in the first week of the Michaelmas Term (IR102a).

Written Work: B.Sc. (Econ.) and General Course students will each be assigned three essays to be discussed with their class teacher. Diploma students will be assigned written

work within their seminar groups. Readings: M. Smith *et alia*. (Eds.), *Perspectives on World Politics*; H. Bull, *The Anarchical Society*; K. J. Holsti, *International Politics* (4th edn., 1983); P. Calvocoressi, *World Politics Since 1945* (4th edn.).

Supplementary Materials: At the first lecture, a course package will be provided, covering detailed reading guidance, sample examination questions, suggested essay titles, topics for class discussion and topics for each lecture.

Examination Arrangements: There will be a 3-hour examination paper in late May or early June which requires that four questions be answered out of twelve.

IR3702
Foreign Policy Analysis

Teacher Responsible: **Dr. C. J. Hill**, Room A232 (Secretary, Elizabeth Leslie, A235)

Course Intended Primarily for B.Sc. (Econ.) 3rd Year I.R. specialists.

Scope: The aim of the course is to analyse the perspectives and means of conduct of states, as the main actors in the international system, towards each other.

Syllabus: An investigation of the behaviour of the individual actors of international relations, focusing mainly, but not entirely, on states; the various influences on decision-making in foreign policy, external and internal; the importance of bureaucracy, of domestic political systems, of economic development and of the groups affected by foreign policy; the problems arising out of the formulation of goals and the choice of policy instruments; psychological elements in policy-making; transnational relations.

Pre-Requisites: I.R. students can only take this course in their 3rd year. General Course students do not need any special advance knowledge to choose this as an optional course.

Teaching Arrangements: All students are advised to attend lecture series IR106 **Foreign Policy Analysis** and IR107 **Decisions in Foreign Policy** which are given by **Dr. Hill** and **Dr. Coker** consecutively during Michaelmas and Lent Terms. 3rd year undergraduates should have attended in their second year as many of IR105 **The Foreign Policies of the Powers** (various lectures) as possible. Other relevant lectures will be announced from time to time. Separate classes (IR106a), with around 12 students in each, will be arranged with the participation of other members of the department.

Written Work: Students are expected to write at least three essays directly on questions arising out of the course. In order to relieve the pressure on books at any one time, they should choose their questions from one of the past examination papers provided. The three deadlines indicated, however, should be strictly kept to. Marking arrangements are as follows: Hand in your essays on the appointed dates to your class teachers who will mark and return them. Other essays to be done either for your tutor, or class teacher, by mutual agreement.

Reading List: No single book is exactly co-terminous with the syllabus. Students should try to buy (all are paperbacks): James Barber and Michael Smith (Eds.), *The Nature of Foreign Policy: A Reader*, Holmes MacDougall and Open University Press, 1974; Roy Macridis (Ed.), *Foreign Policy in World Politics* (5th edn.), Prentice Hall, 1976; Philip Reynolds, *An Introduction to International Relations* (2nd edn.), Longmans, 1980. Also highly recommended are: Stephen Ambrose, *Rise to Globalism* (2nd edn.), Penguin, 1979; Kal Holsti, *International Politics: A Framework for Analysis* (3rd edn.), Prentice Hall, 1977; Lloyd Jensen, *Explaining Foreign Policy*, Prentice Hall, 1982; Paul Kennedy, *The Realities behind Diplomacy: Background Influences on British External Policy, 1865–1980*, Fontana, 1981; J. L. Noguee & R. H. Donaldson, *Soviet Foreign Policy Since World War II*, Pergamon, 1981; James Rosenau, *The Scientific Study of Foreign Policy* (2nd edn.), Frances Pinter, 1980.

Examination Arrangements: Two separate three-hour examinations will be set in the Summer Term, one for Diploma students and one for undergraduates. Each will be divided into equal halves: Section A (Comparative and theoretical questions) and Section B (Questions on the foreign policies of the U.K., U.S.A., and U.S.S.R.). One question must be answered from each section. The papers are similar in form but marked at different levels. All students have to answer 4 questions in all. Copies of previous years' papers, together with lecture and class topics, deadlines, and further references, are provided in a separate handout.

IR3703

International Institutions

Teacher Responsible: Professor S. Strange, Room A134 (Secretary, Ms. H. Parker, A139)

Course Intended Primarily for B.Sc. (Econ.) Part II, IR Specialists.

Scope: The aim of the course is to consider the role of international institutions in relation to governments and individuals.

Syllabus: How international organizations came to play a part in the relations of states; the ideas and needs that generated them; and the uses to which they have been put. The course will explore the issues and conflicts surrounding the design and operation of inter-governmental institutions and their relation to the foreign and domestic interests and policies of their member states. It will do so with special reference to organizations concerned with world order, peace and conflict resolution; to organizations for mutual defence and security; for regional cooperation, political and economic; and to organizations concerned with the management of money, trade, and development in the world economy.

Pre-Requisites: IR students take this course in and after the session 1984-85 in their second year, though the examination can be taken in either 2nd or 3rd year.

Teaching Arrangements: Lecture course (IR108). Classes (IR108a) for IR second year students start in week 6 in the Michaelmas Term and continue to the end of the Lent Term. A list of lecture topics and bibliography is provided, together with a list of class and essay topics.

Written Work: IR students are expected to write 3 essays on subjects which may be chosen from the list provided. Class tutors will set and mark the essays, and provide additional bibliography. Diploma students, and M.Sc. students also have written work allocated in class.

Reading List: Students should familiarize themselves with: A. LeRoy Bennet, *International Organizations* (3rd edn.), Prentice-Hall, 1984; Harold K. Jacobson, *Networks of Interdependence*, Alfred Knopf, 1979; Inis Claude Jr., *Swords into Plowshares: the problems and progress of international organization* (4th edn.), 1971; P. Taylor & A. Groom, *International Organization: a conceptual approach*, Frances Pinter, 1978; Evan Luard, *The United Nations*, Macmillan, 1979; Paul Taylor (Ed.), *A Survey of International Institutions*. Lectures given at the 1981 NALGO International School, Trinity Hall, Cambridge, Nalgo Educational Depart-

ment, 1982; Werner Feld & Robert Jordan, *International Organizations: a comparative approach*, Praeger, 1983.

Examination Arrangements: There will be a three hour written examination. It is taken normally in the Summer Term. The paper will not be divided into sub-sections in and after summer 1983. Copies of previous examination papers are provided in a separate handout.

IR3704

Problems of Foreign Policy

(This course will not be given in 1984-85)

Case studies, with documents in post-1945 problems of foreign policy. The case study offered in the session 1983-84 was: The United States and the Vietnam War 1955-65.

Teacher Responsible: Dr. Christopher Coke, Room A136 and others.

(Secretary, Elizabeth Leslie, A235)

Course Intended Primarily for B.Sc. (Econ.) Part II students and other interested students by permission.

Syllabus: A detailed survey based on the study of available original sources of American involvement in Vietnam from the Geneva conference to the Tonkin Gulf resolution. The survey will focus in particular on American objectives in south east Asia, the events which prompted the US to intervene after 1961 and to commit ground forces in 1965.

Teaching Arrangements: Ten lectures (IR143) will be given in the Michaelmas Term to which interested students are welcome. Ten classes (IR143a) will be held in the Lent Term at which students will be invited to make contributions.

Reading List: *The Pentagon Papers* (Bantam edn.); M. Charlton, *Many Reasons Why: American Involvement in Vietnam*, 1978; R. Galluci, *Neither Peace nor Honour: the Politics of American Military Power in Vietnam*, 1975; L. Gelb, *The System Worked: the Irony of Vietnam*, 1979; A. Goodman, *The Lost Peace: America's search for a negotiated settlement of the Vietnam War*, 1978; G. Herring, *America's Longest War*, 1979; L. Berman, *Planning a Tragedy: the Americanisation of the Vietnam War*, 1982; H. Summers, *On Strategy: a critical analysis of the Vietnam War*, 1982; G. Kahin & J. Lewis, *The United States in Vietnam*, 1980.

Examination Arrangements: There is a three-hour formal examination in the Summer Term

based on the lecture course and topics covered in class and requiring familiarity with the primary sources, copies of which will be held on reserve. The paper will contain about twelve questions of which three are to be answered.

IR3750

IR4632

The International Legal Order

Teacher Responsible: Dr. I. Delupis, Room A119 (Secretary, Ms. A. Morgan, A138)

Course Intended Primarily for B.Sc. (Econ.) Part II and M.Sc. International Relations.

Scope: The aim of the course is to introduce students to the nature and function of international law in the international community. Syllabus: The distinctive nature of international law; its impact in foreign relations; the sources of international law; the basis of legal obligation; ideology in international law; unequal treaties, enforcement and sanctions; the United Nations in international law; certain disorders: terrorism, hi-jacking, espionage; the international judicial process. Pre-Requisites: No previous knowledge required.

Teaching Arrangements: There is one course (IR135) of ten lectures in the Michaelmas Term and 10 classes (IR135a) for undergraduates in the Lent Term and 10 seminars (IR169) for graduates in the Lent Term.

Reading List: Henkin, *How Nations Behave*; Kaplan & Katzenbach, *The Political Foundations of International Law*; C. de Visscher, *Theory and Reality in Public International Law*; Kunz, *The Changing Law of Nations*; Delupis, *International Law and the Independent State*; Higgins, *Conflict of Interests: International Law in a Divided World*; Bin Cheng (Ed.), *International Law: Teaching & Practice*.

Examination Arrangements: One three-hour written examination paper in the Summer Term.

IR3752

The Politics of International Economic Relations

Teachers Responsible Mr. M. D. Donelan, Room A135 and Mr. J. B. L. Mayall, Room A234 (Secretaries, Ms. A. Morgan, A138 and Ms. E. Leslie, A235 respectively)

Course Intended Primarily for B.Sc. (Econ.)

Part II 3rd year.

Syllabus: The syllabus for the course is:
(i) The economic factor in foreign policy. The economic ambitions of states. Economic causes of war. Peace-making and peace-keeping. Economic resources for foreign policy. Economic instruments.
(ii) The development of thought about the relationship between international politics and the international economy. Mercantilism, Laissez-faire and economic nationalism. The evolution of the Bretton Woods institutions and ideas about international commercial and monetary management. The challenge from the Third World.

Teaching Arrangements and Written Work:

(Lectures, IR137 and Classes, IR137a). Students deliver class papers and write essays for the class teachers on topics notified at the beginning of the Session.

Reading List: The basic books are: J. Speo, *The Politics of International Economic Relations*; D. K. Fieldhouse, *The Theory of Capitalist Imperialism*; W. Barber, *A History of Economic Thought*.

A detailed reading list is distributed at the beginning of the Session.

Examination Arrangements: Summer Term, formal, three hours, four questions chosen from twelve. Past examination papers may be seen in the Teaching Library.

IR3754

IR3782

IR4650

Strategic Aspects of International Relations Strategic Studies

Teacher Responsible: Dr. Hugh Macdonald, Room A236 (Secretary, Elizabeth Leslie, A235)

Course Intended Primarily for B.Sc. (Econ.) XIII International Relations 3rd Year (Papers 5 & 6 (e)). Diploma in International and Comparative Politics. M.Sc. International Relations (Papers 2 & 3 (f)).

Scope: In general terms the course considers the place of war in international relations, and the social, political, and economic consequences of the use of force among and within states. The greater part of the course is, however, concerned with force in international relations since 1945.

Syllabus: The course adopts the 'classical' approach to strategy as the employment of force for political ends, discusses the contribution of Clausewitz, and criticisms of

his work, considers differences in the role of force in nineteenth and twentieth century patterns of international order, introduces the ideas of a number of schools of thought and individuals, and considers the impact of science and technology, and of social forces such as nationalism and imperialism, upon war. The greater part of the course is concerned with force in international relations since 1945. It considers the origins and development of superpower conflict, the impact of nuclear weapons upon international relations, and thought about war and peace, the doctrines of the superpowers and their allies, the ideas of deterrence, limited war, arms control, and alliance management, the phenomena of guerrilla warfare, the proliferation of weapons systems, the diffusion of military power, the conflict among developing countries, and the implications for international security of the present pattern of order in East-West, North-South, and regional relationships.

Pre-Requisites: A working knowledge of international history since 1815 and of traditional theories of international politics is desirable.

Teaching Arrangements: The lecture course (IR138) (20 Michaelmas and Lent Terms) is accompanied by classes for B.Sc. (Econ.) 3rd year (138a), (15 Lent and Summer Terms), and seminars for Diploma in International and Comparative Politics, (15 Lent and Summer Terms). For M.Sc. students a seminar (IR170), (25 Sessional) is held weekly through most of the academic year. Classes will be taught by Mr. Philip Windsor, (Room A120), Dr. Macdonald, (Room A236) and others. The M.Sc. seminar will be run jointly by Mr. Windsor and Dr. Macdonald. Topics covered in classes and seminars will vary according to the level of teaching. The scope of teaching for each examination will be coordinated among individual teachers, who will make their own arrangements for informing students at the beginning of classes or seminars. But in practice the majority of taught topics will be on strategic aspects of postwar international relations and, as in the past, examination questions will reflect this. Related lectures and seminar courses (IR139, IR140, IR171) on **Disarmament and Arms Limitation** and on **International Verification** are run by Mr. Nicholas Sims, (Room A231). Graduate students may be able to attend certain courses given by the department of War Studies at King's College. The International Institute for Strategic Studies (IISS) and the Royal United Services Institute for Defence Studies (RUSIDS) are both nearby and students in Strategic Studies may be eligible for student membership, which gives access to certain

meetings and to excellent specialised libraries.

Written Work: The normal work load for undergraduate and diploma classes is at least one oral presentation (15 minutes) and three essays (1500 words each). Working arrangements in the M.Sc. Seminar will vary according to the size and composition of the group, but as a guide students may be expected to present two short papers (20 minutes each), which may be written, and up to three essays (2000 words each).

Reading List: There is no one book covering the entire syllabus. The subject matter and pertinent literature is extremely wide and students are advised to read accordingly. Moreover a number of the most significant works in this subject have recently gone out of print. The following short list is intended to suggest some of the most important and some of the best currently available books. An asterisk indicates publication in paperback edition. A longer reading list is available from the department.

*B. Brodie, *Strategy in the Missile Age*, Princeton University Press/Oxford University Press; C. M. von Clausewitz, *On War* (Eds. P. Paret & M. E. Howard), Princeton University Press; R. Aron, *Clausewitz on War*, Routledge & Kegan Paul; A. W. De Porte, *Europe between the Superpowers*, Yale University Press; *L. Freedman, *The Evolution of Nuclear Strategy*, Macmillan; *F. Griffiths & K. Polanyi (Eds.), *The Dangers of Nuclear War*, Toronto University Press; *A. Grosser, *The Western Alliance*, Macmillan; *P. Hanson and K. Dawisha (Eds.), *Soviet-East European Dilemmas*, Heinemann; *M. E. Howard, *War in European History*, Oxford University Press; *D. Leebaert (Ed.), *Soviet Military Thinking*, Allen & Unwin.

Examination Arrangements: For all students (except General Course students, who may elect) there are three-hour formal examinations held in Summer Term. For B.Sc. (Econ.) four questions must be answered from twelve or more. For M.Sc. and Diploma in International and Comparative Politics, three questions must be answered from twelve or more. Examples of recent past examination papers will be found appended to the general reading list for strategic studies.

IR3755

The Ethics of War

Teacher Responsible: Mr. M. D.

Donelan, Room A135 (Secretary, Ms. A. Morgan, A138)

Course Intended Primarily for B.Sc. (Econ.) Part II 3rd year.

Syllabus: The beginnings of the ethical tradition: the right to go to war. Conditions governing the right. The pacifist challenge to the ethics of war. The realist challenge.

Political control and economy of force as a substitute for ethics. The development of rules of warfare, Geneva and the Hague. The basis of the rules: innocence and guilt, humanity and necessity. Ethical principles of warfare: discrimination, proportion, minimum force. Guerrilla warfare. The ethics of nuclear deterrence. Terrorism. The justification of the arms trade. World armaments and world poverty.

Teaching Arrangements and Written Work:

Lectures, IR136; Classes, IR136a). Students deliver class papers and write essays for the class teacher on topics notified at the beginning of the session.

Reading List: The basic books are: G. Best, *Humanity in Warfare*; G. Goodwin (Ed.), *Ethics and Nuclear Deterrence*; M. Howard (Ed.), *Restraints on War*.

A detailed reading list is distributed at the beginning of the Session.

Examination Arrangements: Summer Term, formal, three hours, four questions chosen from twelve.

IR3770

IR4661

International Communism International Politics: The Communist Powers

Teacher Responsible: Geoffrey Stern,
Room A140 (Secretary, Ms. A.
Morgan, A138)

Course Intended Primarily for M.Sc. students specialising in the *Communist Powers*, but it is also designed for B.Sc. students intending to take **International Communism** as an approved subject.

Scope: The aim of the course is to examine the development of Marxist-Leninist parties, factions and fronts throughout the world. Particular attention is given to the inter-relationships of those organisations and their degree of sensitivity to changes in the domestic and foreign policy of the USSR. The

main emphasis is on behaviour and on the factors which influence it. Since behaviour is influenced though not determined by theory, the lecture begins with a brief examination of relevant theories.

Syllabus: International implications of the Bolshevik Revolution of 1917. The development of Communist parties, factions and fronts in Europe, Asia, the Middle East, Latin America and elsewhere: their inter-relationships and their degree of sensitivity to changes in Soviet domestic and foreign policies. The institutional structure of the Comintern, Cominform, Comecon and the Warsaw Pact: the effectiveness of those organisations in the achievement of their presumed goals. The Sino-Soviet dispute and the emergence of polycentrism in the Communist world.

Pre-Requisites: Students will not be expected to have studied the subject before, but some familiarity with both Marxist theory and Soviet history would be an advantage.

Teaching Arrangements and Written Work:

Students of the **Communist Powers** are advised to attend lecture series IR116 **International Communism** in the Michaelmas and Lent Terms. It is also advisable to attend lectures on Soviet, Chinese and American policy in the series IR105 **The Foreign Policies of the Powers**. These start in the second half of the Michaelmas Term and continue into Lent and Summer. Additionally, students may find it useful to attend seminars on **Soviet & East European Politics** which are held throughout the Michaelmas and Lent terms on Tuesdays in Room A40. These are under the aegis of the Government Department and students may contact Anne Kennedy in Room L301 for details.

A programme of 8 seminars on the **Communist Powers** (IR156) dealing exclusively with ruling parties will be held in the Lent and Summer Terms. These will meet fortnightly in the Lent Term and weekly in the Summer Term.

No class paper or other written work is involved, but students may submit essays on relevant topics to their supervisor.

Lecture Topics:

1. *The subsystem.* 'International Communism' defined, following an analysis of what 'Communism' means in theory and how Marxist-Leninist states operate in practice. Political, economic and social structures in the Communist-ruled states. An analysis of inter-Communist conflicts and their implications.

2. *The Marxist foundation.* A brief examination of the key concepts of Marx and Engels. Diverse trends in Marxist thought and organisation prior to the first world war and their relevance to an understanding of

interCommunist relations.

3. *The Leninist edifice*. Menshevism and Bolshevism examined in context. Lenin's concept of the Vanguard party and of 'democratic centralism'. His adaptation and transformation of Marxism in attempting to apply it to a predominately peasant, under-capitalised society.

4. *The revolution ebbs*. The political, social and economic consequences of attempting to implement a Socialist programme in a country lacking many of the prerequisites and at a time when revolutionary hopes in Germany, Hungary, Austria and the 'colonies' and 'semicolones' are fading. The notion of 'peaceful coexistence'.

5. *Socialism in one country*. An assessment of the political and ideological implications of the policy both for the Soviet Union and the members of the Comintern. The restructuring of the Comintern including the 'bolshevisation' of the Sections and the policies they are called upon to pursue. The United Front in China, Britain and elsewhere and the repercussions on international Communism of the 'class against class' policy.

6. *From 'class against class' to the Popular Front*. Implications of the Comintern's changes of line on the Communist movement in general and on the Soviet, German, Chinese, French and Spanish parties in particular.

7. *The Nazi Soviet pact*. Analysis of the origins, aftermath and implications of the pact. Communist policy in the occupied and unoccupied territories.

8. *'Socialist patriotism'*. From Great Patriotic War - Communist tribulations and triumphs to the creation of a 'Socialist zone' in Eastern Europe and East Asia. The Cominform and the disappearance of the short-lived concept of 'the national road to Socialism'. The notion of 'proletarian/Socialist internationalism'.

9. *The Communist monolith and the 'weak link'*. A case by case study of the economic and political impact of Stalinism in Eastern Europe and beyond. The implications of Yugoslavia's break with Moscow and of the victory of the Chinese Communist Party.

10. *Destalinisation and revolt*. The death of Stalin and its impact in Russia, Eastern Europe and the wider Communist fraternity. The process of destalinisation and the unsettling effect in Eastern Europe, China and beyond of Khrushchev's attack on Stalin and his revisions of accepted doctrine. The turmoil in Poland and Hungary compared and contrasted. The significance of the use in East Germany and Hungary of the Red Army.

11/12. *Eastern Europe since 1956*. Case studies

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illustrating the polycentric character of the area and the reasons for diversity.

13. *COMECON*. History, problems and prospects.

14. *The Warsaw Pact*. History, problems and prospects.

15. *Mao and the Chinese road to Socialism*. The Maoist contribution to revolutionary theory and practice 1927-1954. China 'leans to one side'. The repercussions of the Korean War.

16. *The Sino-Soviet dispute*. The multifaceted nature of the conflict - historical, territorial, geopolitical, ideological, etc. The balance of power and the American dimension. The repercussions of the dispute in polarising Communist sympathies in Indochina, Mongolia and elsewhere.

17. *Cuba*. The rise and decline of a distinctive Socialist model. Cuba as a centre of Afro-American and of Hispanic Marxism-Leninism. Havana's role in Africa and relations with Moscow.

18. *Marxism-Leninism. Nationalist or Internationalist?* Ruling and non-ruling parties: their priorities and preoccupations. The challenge of 'Eurocommunism' and of 'the New Left'. The absence of an agreed centre or of a universal interCommunist organisation. Theoretical and practical problems. Prospects. **Reading List**: A detailed list of books is provided on a separate sheet. It is a lengthy compilation, but its object is not to exhaust the student with overwork, but to indicate the range of available material for specialist and generalist work.

The following are basic texts for the course: Z. Brzezinski, *The Soviet Bloc*; K. Dawisha & P. Hanson (Eds.), *Soviet-East European Dilemmas*; E. Fejto, *A History of the People's Democracies*; K. Grzybowski, *The Socialist Commonwealth of Nations*; C. Jacobsen, *Sino-Soviet Relations since Mao*; R. Lowenthal, *Model or Ally? The Communist Powers & Developing Countries*; M. McCauley (Ed.), *Communist Power in Europe 1944-49*; O. Narkiewicz, *Marxism and the Reality of Power*; H. Schwartz, *Tsars, Mandarins and Commissars*; B. Szajkowski, *Marxist Governments*; R. Tucker, *The Marxian Revolutionary Idea*; M. Waller, *The Language of Communism*; P. Wiles (Ed.), *The New Communist Third World*.

Examination Arrangements: For M.Sc. students taking the Communist Powers option there will be a three-hour examination in the Summer Term. It will contain twelve questions of which three are to be answered and will be based on material arising out of the relevant lectures and seminars.

For B.Sc. students taking **International**

Communism as an approved subject there will be a three-hour examination in the Summer Term. It will contain twelve questions of which four are to be answered and will be based on material arising out of the lecture course and seminar.

IR3771

IR4631

IR4751

The Politics of Western European Integration

Teacher Responsible: Dr. P. G.

Taylor, Room A129 (Secretary, Ms. A. Morgan, A138)

Course Intended Primarily for B.Sc. (Econ.) Part II; M.Sc. International Relations and M.Sc. European Studies; optional for Diploma in International and Comparative Politics.

Scope: The lecture course focuses upon the progress and problems of regional integration in Western Europe since 1945.

Syllabus: The emergence of the European Communities: the European idea; the dynamics of integration. The institutions: structure and policy-making processes (O.E.E.C.-O.E.C.D., Council of Europe, the E.E.C. and E.C.S.C.). The impact of the institutions upon state policy. Theoretical aspects: the notion of supranationality. The Federalist, the Confederalist and the Functionalist approaches to regional integration in Western Europe. European security and European integration. M.Sc. students should also take course IR123, **External Relations of the European Community**.

Pre-Requisites: IR students may take this course in their 3rd or 2nd year, depending upon timetabling constraints. There are no formal pre-requisites but, as the course deals in part with contemporary problems of economic policy in Europe, an interest in such issues and an ability to deal with them is essential.

Teaching Arrangements: In addition to the lectures (IR122) seven classes (IR122a) for undergraduates are arranged for the Lent Term. For postgraduate students there are 15 meetings of a Seminar (IR161) for International Relations and European Studies specialists and other postgraduate students, in Michaelmas and Lent Terms, for which there is a separate hand-out. M.Sc. students also attend lectures and seminars (IR123) and (IR162).

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Written Work: Four undergraduate essays are allocated in class. For postgraduate subjects substantial class presentations are allocated at the first meeting of the seminar and essays are allocated by individual tutors.

Reading: No single book is exactly co-terminous with the syllabus. The following are useful introductions: Paul Taylor, *The Limits of European Integration*, Croom Helm, 1983; Denis Swann, *The Economics of the Common Market*, Penguin, 1978; Hugh Arbuthnot & Geoffrey Edwards, *A Common Man's Guide to the Common Market*, Macmillan, 1978; W. Wallace, H. Wallace & Carole Webb, *Policy Making in the European Community*, Wiley, 1976.

Examination Arrangements: There will be a three hour written examination for undergraduates in late May or early June. The paper for postgraduates will be in June, and is called European Institutions for M.Sc. International Relations and the Politics of Western European Integration for European Studies M.Sc. students and others.

IR3781

Foreign Policy Analysis

Teacher Responsible: Dr. C. J. Hill, Room A232 (Secretary, Elizabeth Leslie, A235)

Course Intended Primarily for Diploma in International and Comparative Politics.

Scope: The aim of the course is to analyse the perspectives and means of conduct of states, as the main actors in the international system, towards each other.

Syllabus: An investigation of the behaviour of the individual actors of international relations, focusing mainly, but not entirely, on states; the various influences on decision-making in foreign policy, external and internal; the importance of bureaucracy, of domestic political systems, of economic development and of the groups affected by foreign policy; the problems arising out of the formulation of goals and the choice of policy instruments; psychological elements in policy-making; transnational relations.

Pre-Requisites: Diploma students do not need any special advance knowledge to choose this as an optional course.

Teaching Arrangements: All students are advised to attend lecture series IR106 **Foreign Policy Analysis** and IR107 **Decisions in Foreign Policy** which are given by Dr. Hill and Dr. Coker consecutively during Michaelmas and Lent Terms as well as as many IR105 **The Foreign Policies of the Powers** (various lectures) as possible. Other relevant lectures

will be announced from time to time. Separate classes (IR106a), with around 12 students in each, will be arranged with the participation of other members of the department.

Written Work: Students are expected to write at least three essays directly on questions arising out of the course. In order to relieve the pressure on books at any one time, they should choose their questions from one of the past examination papers provided. The three deadlines indicated, however, should be strictly kept to. Students should hand in their essays to their class teacher on the set date. They will be returned and commented on individually, except where some general comment will also be provided.

Reading List: No single book is exactly co-terminous with the syllabus. Students should try to buy (all are paperbacks): James Barber & Michael Smith (Eds.), *The Nature of Foreign Policy: A Reader*; Holmes McDougall & Open University Press, 1974; Roy Macridis (Ed.), *Foreign Policy in World Politics*, Prentice Hall, (5th edn.) 1976; Philip Reynolds, *An Introduction to International Relations*, (2nd edn.), Longmans, 1980.

Also highly recommended are: Stephen Ambrose, *Rise to Globalism*, Penguin (2nd edn.), 1979; Robin Edmonds, *Soviet Foreign Policy, 1962-73*, OUP (Galaxy), 1975; Kal Holsti, *International Politics: A Framework for Analysis*, Prentice Hall, (3rd edn.), 1977; Lloyd Jensen, *Explaining Foreign Policy*, Prentice Hall, 1982; Paul Kennedy, *The Realities behind Diplomacy: Background Influences on British External Policy, 1865-1980*, Fontana, 1981; James Rosenau, *The Scientific Study of Foreign Policy* (2nd edn.), Frances Pinter, 1980.

Examination Arrangements: A separate three-hour examination will be set in the Summer Term. It will be divided into equal halves: Section A (comparative and theoretical questions) and Section B (questions on the foreign policies of the UK, USA and USSR). One question must be answered from each section. All students have to answer four questions in all.

Strategic Studies

See Strategic Aspects of International Relations IR3754

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IR3782

IR3783 International Institutions

Teacher Responsible: Professor Susan Strange, Room A134 (Secretary, Hilary Parker, A139)

Course Intended for Diploma Students

Scope: (as for IR3703)

Syllabus: (as for IR3703)

Pre-Requisites: There are no pre-requisites for Diploma students who choose the course.

Teaching Arrangements: A lecture course (IR108) of 20 meetings, Michaelmas and Lent Terms, given in 1984-85 by Professor Strange (as for IR3703). Diploma students will have their own seminars (IR108a). They will be advised about allocation between groups, and times. Work is set and discussed in the seminars.

Reading List: as for IR3703.

Examination Arrangements: There will be a 3 hour written examination in June at a time to be announced.

IR3784

The Politics of International Economic Relations

Teachers Responsible: Mr. M. D. Donelan, Room A135 and Mr. J. B. L. Mayall, Room A234 (Secretaries, Ms. A. Morgan, A138 and Ms. E. Leslie, A235 respectively)

Course Intended Primarily for Diploma in International and Comparative Politics.

Syllabus: The syllabus for the course is:

(i) The economic factor in foreign policy. The economic ambitions of states. Economic causes of war. Peace-making and peace-keeping. Economic resources for foreign policy. Economic instruments.

(ii) The development of thought about the relationship between international politics and the international economy. Mercantilism, Laissez-faire and economic nationalism. The evolution of the Bretton Woods institutions and ideas about international commercial and monetary management. The challenge from the Third World.

Teaching Arrangements and Written Work: (Lectures IR137 and Classes IR137a).

Students deliver class papers and write essays for the class teachers on topics notified at the beginning of the Session.

Reading List: The basic books are: J. Spero, *The Politics of International Economic Relations*; D. K. Fieldhouse, *The Theory of Capitalist Imperialism*; W. Barber, *A History*

of Economic Thought.

A detailed reading list is distributed at the beginning of the Session.

Examination Arrangements: Summer Term, formal, three hours, four questions chosen from twelve. Past examination papers may be seen in the Teaching Library.

IR4600

International Politics

Teacher Responsible: Mr. M. D. Donelan, Room A135 (Secretary, Ms. A. Morgan, A138)

Course Intended Primarily for M.Sc.

Syllabus: The course focuses on conflict between states. The following aspects are studied:

- (i) Contending views of the history of the modern states-system, explanations of the causes of conflict between states, and ways of handling it.
- (ii) Alliances as a custom of international society and their role in inter-state conflict.
- (iii) Intervention by states in the internal conflicts of others.
- (iv) Attitudes to war and warfare.
- (v) Conflict about the distribution of wealth in the world economy.

Teaching Arrangements and Written Work: (Lectures, IR151 and Seminars, IR152).

Students deliver seminar papers and write essays for their supervisors on topics notified at the beginning of the Session.

Reading List: The basic books are: C. Beitz, *Political Theory and International Relations*; J. Mayall (Ed.), *The Community of States*; M. Smith & others, *Perspectives on World Politics*. A detailed reading list is distributed at the beginning of the Session.

Examination Arrangements: Summer Term, formal, three hours, three questions chosen from twelve. Past examination papers may be seen in the Teaching Library.

IR4610

Foreign Policy Analysis

Teacher Responsible: Dr. C. J. Hill, Room A232 (Secretary, Elizabeth Leslie, A235)

Course Intended Primarily for M.Sc. students (International Relations) as an option. M.Sc. students in other departments, or other post-graduate students, may follow the course by special permission.

Scope: The M.Sc. course in Foreign Policy Analysis differs from that for the B.Sc. largely in level and approach. Relatively little time

will be spent on outlining the basic constraints on, and processes of, foreign policy-making. Instead, particular problems will be dealt with which arise out of the basic sub-divisions of the subject, but which are not necessarily to be found in neatly encapsulated chapters of your text book. Case-studies will be used in the seminar, but neither they nor individual countries will be examined directly. Rather, students are expected to combine an interest in the theoretical and comparative aspects of the subject with a fair knowledge of the major foreign policy events of the twentieth century.

Syllabus: This course deals with the ways in which international actors – primarily but not exclusively states – formulate decisions and strategies for dealing with other members of the international community. It concentrates on the interplay between domestic and external forces, on the organization, psychology and politics of small-group decision-making, on the purposes behind foreign policy and on the instruments available to those who make it. Problems of comparison, choice, and rationality are treated extensively, as are contemporary criticisms of the concept of a separate 'foreign' policy. The geo-politics of foreign policy is high-lighted.

Pre-Requisites: Students need not have studied Foreign Policy Analysis before, but a basic familiarity with modern international history will be an advantage as in any International Relations course. Students wishing to familiarize themselves with the broad outline of the subject should refer to the text books on the B.Sc. (Econ.) Study Guide, IR3702.

Teaching Arrangements: All students are advised to attend lecture series IR106 Foreign Policy Analysis, and IR107 Decisions in Foreign Policy which are given by Dr. Hill and Dr. Coker during Michaelmas and Lent Terms and IR118 New States in World Politics by Dr. Lyon in the Michaelmas Term. It is also important to attend as many of the lectures in the series IR105 The Foreign Policies of the Powers, as possible. These start in the second half of the Michaelmas Term and continue into Lent and Summer. A seminar programme (IR153) will run from the beginning of the Lent Term until two or three weeks before the Summer examinations.

Written Work: Students taking this option will be able in many cases to write essays in the subject for their supervisors. In any case all students will be expected to write two essays of about 3000 words for Dr. Hill and Dr. Coker who will be running the seminar. One of these should be handed in at the end of the 5th week of the term, and one at the very end of that term. Each student will also be

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expected to introduce one seminar topic, on the basis of notes rather than a prepared text, so as to stimulate discussion and provide practice in public speaking.

Reading List: The following books are a necessary but not sufficient reading requirement. They provide access to most of the main themes of the course as well as to a considerable amount of empirical material: Graham Allison, *Essence of Decision*, Little, Brown, 1971; Irving Janis, *Victims of Groupthink*, Houghton Mifflin, 1972; Robert Jervis, *Perception and Misperception in International Politics*, Princeton University Press, 1976; Kal Holsti, *Why Nations Realign: Foreign Policy Restructuring in the Post-War World*, Allen & Unwin, 1982; Ernest May, 'Lessons' of the Past: *The Use and Misuse of History in Foreign Policy*, Oxford University Press, 1973; Jiri Valenta, *Soviet Intervention in Czechoslovakia, 1968: Anatomy of a Decision*, Johns Hopkins University Press, 1979; William Wallace, *The Foreign Policy Process in Britain*, Royal Institute of International Affairs, 1976; Paul Lauren (Ed.), *Diplomacy: New Approaches in History, Theory and Policy*, Free Press, New York, 1979.

Examination Arrangements: A three hour examination will be taken in the Summer Term, consisting of questions of a comparative and theoretical nature. Students will be expected to use analytical and historical knowledge of major foreign policy issues in answering these questions, of which three have to be completed in the time available.

Copies of previous years' papers, together with lecture and seminar programmes are provided in a separate handout.

IR4621

Concepts and Methods of International Relations

(This course will not be given in 1984-85)

Teacher Responsible: Michael Banks, Room A229 (Secretary, Elizabeth Leslie, A235)

Course Intended Primarily for M.Sc. International Relations, as an optional field for examination. The course is also designed as general background for students taking the Diploma in Comparative and International Politics; B.Sc. (Econ.) in International Relations, 3rd year; and the Dartmouth College one-term exchange programme.

Scope: A critical examination of the nature,

assumptions and implications of the contemporary literature of international relations.

Syllabus: Evolution and characteristics of the international relations discipline and associated fields. Schools of thought: traditionalist behaviouralist and contemporary. State-centric, pluralist and structuralist paradigms. Conflict analysis, peace theory and future studies. Current trends and controversies.

Pre-Requisites: The course assumes an elementary knowledge of international relations.

Teaching Arrangements: There are ten lectures (IR104) in the Michaelmas Term. A weekly seminar (IR164) for M.Sc. candidates for examination in the subject will be held in the Lent and Summer Terms, open also to General Course students by specific permission. There are no classes for Diploma and B.Sc. (Econ.) students, but the lectures are intended to assist them in the study of international politics, foreign policy analysis and other subjects.

Approximate lecture topics, IR104: History of thought; Behaviouralism; Contemporary Theory I; Contemporary Theory II. Paradigms; The World Society; Conflict: causes, properties; Conflict: dynamics; management, resolution; Peace.

Written Work will be specified for M.Sc. students as appropriate in the course of the seminar in the Lent and Summer Terms.

Reading List: No one text exists for this field, but the following gives an indication of the range of materials available. A detailed supplementary reading list is provided with the lectures. Michael Banks (Ed.), *Conflict in World Society*, Wheatsheaf, Brighton, 1984; John W. Burton, *Dear Survivors*, Frances Pinter, London, 1982, pb; James E. Dougherty & Robert L. Pfaltzgraff, Jr., *Contending Theories of International Relations - A Comprehensive Survey* (2nd edn.), Harper & Row, New York & London, 1981, pb; Johan Galtung, *The True Worlds: A Transnational Perspective*, The Free Press, New York, 1980; Ray Maghroori & B. Ramberg (Eds.), *Globalism versus Realism*, Westview, Boulder, CO, 1983; Patrick M. Morgan, *Theories and Approaches to International Politics: What are We to Think?* (3rd edn.), Transaction Books, New Brunswick, New Jersey & London, 1981; Ralph Pettman, *State and Class: A Sociology of International Affairs*, Croom Helm, London, 1979, pb; Michael P. Sullivan, *International Relations: Theories and Evidence*, Prentice-Hall International, London, 1976; Trevor Taylor (Ed.), *Approaches and Theory in*

International Relations, Longman, London, 1978, pb; John Vasquez, *The Power of Power Politics*, Frances Pinter, 1983.

Examination Arrangements: The M.Sc. examination in Concepts and Methods consists of a 3-hour paper taken in mid-June, with three questions out of twelve to be answered. Sample question papers from the previous three years are attached to the supplementary reading list which is distributed during the lectures.

IR4630

International Institutions

Teacher Responsible: Mr. N. A. Sims, Room A231 (Secretary, Mrs. E. Leslie, A235)

Course Intended Primarily for International Institutions as an option within the M.Sc. in International Relations and cognate Master's degrees. (Other Study Guides will deal with International Institutions courses for undergraduate and Diploma students.)

Scope: The short duration of this course obliges us to be highly selective. We focus principally on the Covenant and Charter, and subsequent practice in the League and United Nations experiences, in order to illustrate some of the major ideas and issues of international organisation.

Syllabus: International organisation as a dimension of international relations. Types and patterns of international organisation. The constitution, structure and experience of the League of Nations and the United Nations, with particular reference to the Covenant, the Charter and subsequent practice.

Pre-Requisites: It will be an advantage to have studied international organisation within the context of a first degree in International Relations, but this is not formally required. All students taking this option need, from the start, to make themselves thoroughly conversant with the Covenant and Charter, the texts of which will be found in many reference works and books on international organisation.

Teaching Arrangements and Written Work: The teaching exclusive to M.Sc. students taking this option consists of a weekly seminar throughout the Lent Term and the first three weeks of the Summer Term (IR160). Students and teacher take it in turn briefly to introduce discussion on topics chosen according to a systematic programme. No "class paper" or other written work is involved in the seminar; but students may submit essays to their supervisors, by mutual agreement, on inter-

national organisation as on other subjects they are studying.

In addition to the seminar, M.Sc. students should, for a broader grounding in the elements of international organisation and ideas underlying its variety of forms, attend the lectures in the series common to all (including undergraduate and Diploma students) taking an **International Institutions** course: IR108. The more narrowly selected seminar programme presupposes regular attendance at these lectures.

Reading List: As with LSE courses generally, private reading is most important, and the seminar work depends for maximum usefulness upon students reading themselves into a greater familiarity with the subject-matter. There is no one textbook spanning the whole syllabus. A. LeRoy Bennett, *International Organizations: Principles and Issues* (3rd edn.), Prentice-Hall, 1984, probably comes nearest. Newcomers to international organisation studies should also make a point of reading Inis L. Claude, *Swords into Plowshares: The Problems and Progress of International Organization* (4th edn.), Random House, 1971. Four of the most convenient introductions to the League and UN, in addition to Bennett and Claude, are Ruth B. Henig (Ed.), *The League of Nations*, Oliver & Boyd, 1973; and George Scott, *The Rise and Fall of the League of Nations*, Hutchinson, 1973; Evan Luard, *The United Nations: How it Works and What it Does*, Macmillan, 1979; and H. G. Nicholas, *The United Nations as a Political Institution* (5th edn.), Oxford University Press, 1975. Other books particularly recommended are Clive Archer, *International Organizations*, Allen & Unwin, 1983; Leland M. Goodrich, *The United Nations in a Changing World*, Columbia University Press, 1974; Richard Hoggart, *An Idea and its Servants: UNESCO from Within*, Chatto & Windus, 1978; Harold K. Jacobson, *Networks of Interdependence: International Organizations and the Global Political System*, Knopf, 1979; C. Wilfred Jenks, *The World Beyond the Charter*, Allen & Unwin, 1969; Evan Luard, *A History of the United Nations, Volume One*, Macmillan, 1982; William Rappard, *International Relations as Viewed from Geneva*, Yale University Press, 1925; Paul Taylor, *International Co-operation Today*, Paul Elek, 1971; Paul Taylor & A. J. R. Groom, *International Organization: A Conceptual Approach*, Frances Pinter, 1978; F. P. Walters, *A History of the League of Nations*, Oxford University Press, 1952; Sydney D. Bailey, *The Secretariat of the United Nations*, Pall Mall Press, 1964; Martin Hill, *The United Nations System*, Cambridge, 1978; Evan Luard, *International Agencies*,

Macmillan, 1977; Roderick C. Ogley, *Internationalizing the Seabed*, Gower, 1984; Ralph Townley, *The United Nations: A View from Within*, Scribner, 1968.

Examination Arrangements: International Institutions is examined, in common with the other options in the degree, by means of a three-hour "unseen" examination taken in the third week of June. Candidates are required to answer any three questions from a choice of twelve. Copies of the examination papers set in recent years will be issued at the start of the course.

Office Hour: Mr. Sims is normally available to see students briefly without prior appointment during his regular "office hour" in A231 (extension 472). For longer meetings appointments may be made with his Secretary in A235 (extension 488).

IR4631

The Politics of Western European Integration See IR3771

IR4632

The International Legal Order See IR3750

IR4633

International Law and Organisation of Latin America and the Caribbean

Teacher Responsible: Dr. F. Parkinson, Faculty of Laws, University College, London (all enquiries to be addressed to Miss Hazel Leake, Institute of Latin American Studies, 31 Tavistock Square, London, WC1H 9HA).

Course Intended Primarily for M.Sc. in International Relations and M.Sc. in International Politics. Also for LL.M. and Diploma in Comparative and International Politics.

Scope: A critical examination of (a) the place of Latin America in the international legal order; (b) the law governing (i) inter-American, (ii) intra-Latin American and (iii) Caribbean international institutions in the political, military and economic fields; and (c)

the impact of universal and semi-universal international institutions on Latin America. **Syllabus:** International order in nineteenth century Latin America. The origin and solution of territorial disputes in the area and in the Antarctic. The status of adjacent waters. The genesis of the Western hemisphere idea. Latin America in world society: the two world wars and the "cold war". Characteristics of the foreign policies of the major Latin American powers. The concept of collective security in the League of Nations and the United Nations, and Latin America's place in it. Patterns of military co-operation during the Second World War and after: the genesis of the Rio Treaty and its incorporation in the Organization of American States. The Latin America nuclear-free zone. The Inter-American Economic and Social Council of the Organization of American States. The United Nations Economic Commission for Latin America and the Caribbean. Latin American theories of economic imperialism. The Alliance for Progress. The Latin American Free Trade Association. The Central American Common Market. The Andean Group. The River Plate and Amazon River organizations. Latin America in the world trading system. The Inter-American Development Bank. The position of individuals under international law: the status of foreigners and their property. The institution of diplomatic asylum. The Inter-American Commission of Human Rights. The status of *guerrilleros*.

Pre-Requisites: The course assumes an elementary knowledge of international relations. A reading knowledge of Spanish is an additional advantage, but not essential for an effective coverage of the course.

Teaching Arrangements: The course consists of approximately twenty-four seminars (IR173) spread over two-and-a-half Terms. A long-term programme of seminar topics will be agreed at the beginning of the course.

Written Work: While there is no legal obligation to submit essays, students are urged in their own interest (a) to write three essays per Session and (b) to prepare at least one discussion paper.

Reading List: An exposition of reading techniques appropriate to the course, as well as an indication of the location and nature of library resources will be provided at the beginning of the course. A comprehensive reading list will be made available at the first meeting of the seminar.

Students wishing to engage in some preliminary reading will be advised to consult the following: S. Clissold, *Latin America*, 1972; F. Parkinson, *Latin America, the Cold War and the World Powers, 1945-1973*, 1975; G.

Schwarzenberger, *A Manual of International Law* (1977 edn.); G. Connell-Smith, *The Inter-American System*, 1966; A. Krieger Vasena and J. Pazos, *Latin America: A Broader World Role*, 1973.

Examination Arrangements: Three hours formal examination in the Summer Term; twelve questions set in all; three questions to be attempted.

IR4639

International Political Economy

Teachers Responsible: Professor S. Strange, Room A134 and Professor P. Wiles, Room S477 (Secretary, Hilary Parker, Room A139)

Course Intended Primarily for M.Sc. in Politics of the World Economy.

Scope: The evolution of international economic relations since the Industrial Revolution.

Syllabus: The purpose of this core course for the M.Sc. (Econ.) degree in the Politics of the World Economy is to give students with a first-degree background knowledge in politics, economics, economic history, international relations or international history a general introduction to the main theories relevant to an understanding of the international political economy and to the evidence for and against them.

It is therefore built around three basic questions concerning the international political economy — how and why the world economy became so much more productive; how and why this new wealth came to be so unevenly distributed; and how and why the political organisation of the world into territorial states came to shape and determine the basic structures or patterns of the world economy — to wit, of production, credit, transport and knowledge — and thus to influence outcomes and even the distribution of basic values in world society.

It is not a course in elementary international economics, nor in the politics of international economic thought nor in the history of the world economy, although students will be expected during their course to acquire, if they do not already have, some knowledge of all these. Rather it attempts to familiarise students with the basic concepts that help them to unite theory and history. Similarly, the aim is to teach students *how* to think about international political economy, not *what* to think; and to teach them how to analyse issues of international public policy, not to tell them what those issues are. The accompanying seminar will start by

discussing the issues raised in the lectures in greater depth and then to on to consider in detail, on the basis of student papers, specific problems of interest to students.

Pre-Requisites: None.

Teaching Arrangements: There is a lecture course (IR176) on **International Political Economy** given by Professor Wiles and an **International Political Economy Seminar** (IR177) given jointly by Professor Strange and Professor Wiles.

Reading List: It is advisable to absorb the less technically economic parts of the course before the lectures begin. Only such sources are quoted below. A more complete source-list is circulated at the beginning of the lectures. A small amount of technical economics is required, and taught as part of the course.

Imperialism, mercantilist

Eli F. Heckscher, *Mercantilism*.

Free Trade

Louis Baudin, *Free Trade and Peace*.

Imperialism, nineteenth century capitalist

Eugene Staley, *War and the Private Investor*;

Edmund Silberner, *The Problem of War in the 19th Century Economic Thought*.

Imperialism, Soviet

P. J. Wiles, *Communist International Economics*, Chs. 16, 17, 18; Idem, *Economic Institutions Compared*, Chs. 18, 19.

Dependencia

D. Booth (Ed.) *et al.*, *Beyond the Sociology of Development*; G. Palma in *World Development*, Vol. 6, 1978; T. dos Santos in *American Economic Review*, May 1970.

Smith, Ricardo, List, Keynes

in Robert L. Heilbroner, *The Great Economists*, 1955 edn., Chs. 3, 4, 9 (and 6, if hitherto you have read nothing on Marx); David Ricardo, *Principles of Political Economy and Taxation*, Ch. 7; Friedrich List, *National System of Political Economy*, Chs. 15-17, 32, 34, 36 (and if you have Sampson Lloyd's edition (1885) the Memoir).

Examination Arrangements: Students will be required to sit a three-hour examination on the full syllabus of **International Political Economy** course. Students will be asked to answer three out of twelve questions.

The Politics of International Economic Relations

Teachers Responsible: Mr. M. D. Donelan, Room A135 and Mr. J. B. L. Mayall, Room A234 (Secretaries, Ms. A. Morgan, A138 and Ms. E. Leslie, A235 respectively)

Course Intended Primarily for M.Sc. International Relations.

Syllabus: The syllabus for the course is:

(i) The economic factor in foreign policy. The economic ambitions of states. Economic causes of war. Peace-making and peace-keeping. Economic resources for foreign policy. Economic instruments.

(ii) The development of thought about the relationship between international politics and the international economy. Mercantilism, Laissez-faire and economic internationalism. The evolution of the Bretton Woods institutions and ideas about international commercial and monetary management. The challenge from the Third World.

Teaching Arrangements and Written Work: (Lectures IR124 and IR137 and Seminars IR166). Students deliver seminar papers and write essays for the seminar teachers or their supervisors on topics notified at the beginning of the Session.

Reading List: The basic books are: J. Spero, *The Politics of International Economic Relations*; D. K. Fieldhouse, *The Theory of Capitalist Imperialism*; W. Barber, *A History of Economic Thought*.

A detailed reading list is distributed at the beginning of the Session.

Examination Arrangements: Summer Term, formal, three hours, three questions chosen from twelve. Past examination papers may be seen in the Teaching Library.

IR4640

International Business in the International System

Teacher Responsible: Professor Susan Strange, Room A134 (Secretary, Hilary Parker, A139)

Course Intended Primarily for M.Sc. International Relations; M.Sc. Politics of the World Economy and other interested students by permission.

Scope: The course aims at a broad introduction to the subject and the literature. **Syllabus:** The nature of international business. Who are the 'multinationals'? Theoretical conflicts - explanations, hopes and fears.

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Policy problems for the state. International business and economic development. International organisation and the control of large corporations.

Pre-Requisites: None.

Teaching Arrangements: Five lectures (IR124) will be given in the Michaelmas Term to which any interested students are welcome. The lecture course IR137 is also relevant. A seminar (IR168) for students taking the examination will begin with guest speakers in the Michaelmas Term and continue with student contributions in the Lent Term.

Reading List: R. Gilpin, *United States Power and the Multinational Corporation*, 1976; P. Buckley & M. Casson, *The Future of the Multinational Enterprise*, 1975; S. Lall & P. Streeten, *Foreign Investment, Transnationals and Developing Countries*, 1977; R. Vernon, *Storm over the Multinationals*, 1977; R. Barnett & R. Muller, *Global Reach: the power of the multinational corporations*, 1974; G. Curzon & V. Curzon (Eds.), *Multinational Companies in a Hostile World*, 1977; United Nations, *Transnational Corporations in World Development: a re-examination*, 1978; N. Hood & S. Young, *The Economics of the Multinational Enterprise*, 1979; S. Lall, *The Multinational Corporation*, 1980.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the lecture course and topics covered in the seminars, and requiring some familiarity with the extensive literature. The paper will contain about twelve questions, of which three are to be answered. It is important to answer all three. Copies of previous years' papers are available.

IR4642

Politics of Money in the World Economy

Teacher Responsible: Professor Susan Strange, Room A134 (Secretary, Hilary Parker, A139)

Course Intended Primarily for M.Sc. International Relations; M.Sc. Politics of World Economy and other graduates by permission.

Scope: This course is designed as an adjunct to the study of an international system in which the management and mismanagement of money are matters of increasing consequence, both for international political relations and for domestic politics. It may also be of particular help to students specialising in the politics of international economic relations, whether graduate or undergraduate.

Syllabus: It will deal with basic concepts regarding the use, creation and management of money in society; and second, with the central issues of monetary management in the world economy: the use of national and international reserve assets; the rules of exchange rate adjustment; the operations of banks and other institutions in international money and capital markets, and the choices of monetary policy open to developed and developing countries.

Pre-Requisites: The course does not presume any knowledge of monetary economics but some familiarity with political and economic history of the twentieth century especially will be helpful.

Teaching Arrangements: One lecture course (IR125) and one seminar course (IR167). Lectures begin in the Michaelmas Term and continue in the Lent Term. One seminar with guest speakers is held in the Lent Term. Another with student contributions is also held in the Lent Term.

Reading List: No one book covers the entire syllabus, but the following general works will provide a useful introduction: W. M. Clarke, *Inside the City*; B. Cohen, *Organising the World's Money*; R. Aliber, *The International Money Game*; S. Mendelsohn, *Money on the Move*; C. Coombs, *The Arena of International Finance*; R. Solomon, *The International Monetary System*; S. Strange, *International Monetary Relations*; J. Galbraith, *Money - whence it came and where it went*; B. Tew, *The Evolution of the International Monetary System*; E. Versluysen, *The Political Economy of International Finance*; G. Meier, *Problems of a World Monetary Order*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the lecture course and work covered in the seminars. The paper contains about twelve questions, of which three are to be answered.

IR4643

Politics of International Trade

Teacher Responsible: James Mayall, Room A234 (Secretary, Elizabeth Leslie, A235)

Course Intended Primarily for M.Sc. in the Politics of the World Economy

Scope: An examination of the major political issues and controversies in international trade. **Syllabus:** The evolution of foreign trade policy in theory and practice. The course deals with the historical development of three major general approaches to commercial policy, mercantilism, economic liberalism and

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economic nationalism and with the political assumptions on which they are based. It then considers the general structure of commercial relations amongs industrial countries, between market and centrally planned economies and between industrial and 'developing' countries. Finally, the course examines a number of specific trade problems in contemporary international relations, e.g. economic warfare and international trade policy; GATT negotiations on tariff and non-tariff barriers; voluntary export restraint agreements; the theory and practice of international commodity agreements, and the problem of reciprocity and most-favoured nation status in East-West trade.

Teaching Arrangements: Lectures on the politics of international economic relations (IR137). In addition there will be a seminar (IR175) in the Michaelmas and Lent terms with both guest speakers and student presentations.

Reading List: No one book covers the syllabus but the following will provide a useful introduction. G. Myrdal, *The Political Element in the Development of Economic Theory*; Eli Heckscher, *Mercantilism*; Michael Heilperin, *Studies in Economic Nationalism*; Otto Hieronymi (Ed.), *The New Economic Nationalism*; L. N. Rangarajan, *Commodity Conflict*; G. Curzon, *International Commercial Diplomacy*; S. Pizar, *Coexistence and Commerce*.

A detailed reading list will be distributed at the beginning of the session.

Examination Arrangements: Summer Term formal three-hour examination, three questions to be chosen from twelve.

IR4650

Strategic Studies

See Strategic Aspects of International Relations IR3754

IR4660
IR4750
International Politics: The Western Powers
International Politics: Western Europe

Teachers Responsible: Mr. Philip Windsor, Room A120 (Secretary, Anna Morgan, A138) and Dr. Hugh Macdonald, Room A236 (Secretary, Elizabeth Leslie, A235)

Course Intended Primarily for M.Sc. International Relations (Papers 2 and 3(g)) and M.Sc. European Studies (Paper 3 (d))

Scope: The aim of the course is to study the political relations between the major states of Western Europe, the United States and Canada, and between them and the rest of the world. Attention is also given to Western-oriented countries outside the North Atlantic area, such as Australia and New Zealand, and to such Westernised states as Japan.

Syllabus: Common interests and attitudes between the Western Powers and the divergence of outlook between them: the United States and Europe, their co-operation and the sources of their conflicts: British, Federal German, French and Italian foreign policies and the aims, motivations and interests characterising them: the Scandinavian states and the extent of their community of views on international questions: defence issues in the Western alliance and problems in the formation of a common strategic doctrine: the economic dimension of Western international politics, varieties of policies and programmes for economic stability and growth, and the institutions for economic co-operation: East-West relations and the continuing debate in the Western alliance about coexistence with the communist world: the European Community and its place in the Western alliance: the developing nations and their impact on the society of Atlantic nations.

Pre-Requisites: Some basic knowledge of International Relations as an academic discipline is desirable, together with some acquaintance with the general course of world politics in the twentieth century.

Teaching Arrangements: There is no specific lecture course designed to cover this subject, but students are advised to attend relevant lectures in the **Foreign Policies of the Powers** (IR105) given in the Lent and Summer Terms. The most suitable lectures in this series are those dealing with the foreign policies of the Federal German Republic, France, Italy,

Japan, the United Kingdom and the United States (IR155 and IR162).

In addition, a seminar on this subject is held weekly during the Lent Term and for about the first four or five weeks of the Summer Term. Attendance at this is essential.

Reading List: No one book covers the entire syllabus. Students are advised to purchase: Alfred Grosser, *The Western Alliance*, London, 1979 (available in paperback). Books which students may wish to read are the following. A fuller list will be handed out at the first meeting of the Seminar. Elisabeth Barker, *Britain in a Divided Europe, 1945-1970*, London, 1971; A. W. De Porte, *Europe between the Super-powers*, New Haven and London, 1979; K. W. Deutsch & L. J. Edinger, *Germany Rejoins the Powers*, New York, 1973; C. J. Hill (Ed.), *National Foreign Policies and European Political Cooperation*, London, 1984; Stanley Hoffmann, *Primacy or World Order*, New York, 1978; H. A. Kissinger, *The White House Years and Year of Upheavals* (2 vols.), London 1979 and 1982; F. S. Northedge, *Descent from Power: British Foreign Policy, 1945-1973*, London, 1974; H. Tint, *French Foreign Policy Since the Second World War*, New York, 1972; D. W. Urwin, *Western Europe Since 1945* (3rd edn.), London, 1981; W. Wallace and W. Patterson (Eds.), *Foreign Policy Making in Western Europe*, London 1979; F. Roy Willis, *France, Germany and the New Europe, 1945-1967* (2nd edn.), London, 1968; P. Windsor, *Germany and the Management of Detente*, London, 1971.

Examination Arrangements: The examination paper in this subject is taken along with the other M.Sc. papers by students who choose to take it in the Summer Term, normally in June. The normal length of the paper is twelve questions, of which candidates are invited to answer any three.

IR4661
International Politics: The Communist Powers
See International Communism IR3770

IR4662
International Politics: Asia and the Pacific

Teacher Responsible: Dr. M. Leifer, Room A137 (Secretary, Ms. A. Morgan, A138)

Course Intended Primarily for M.Sc. (Econ.) - International Relations and M.A. Area Studies - South East Asia.

Scope: The international political experience of primarily post-colonial states in a region beset by recurrent conflict and external intervention.

Syllabus: The relationship between domestic order and regional environment; the impact and legacy of the transfers of power; the interests and roles of extra-regional states; alliance and non-alignment in foreign policies; sources of intra-regional conflict; the quality of regional cooperation and the problems of regional order.

Pre-Requisites: Desirable to possess a first degree in politics and/or history but special interest in region of prime importance.

Teaching Arrangements: Lectures: The principal lecture course is **International Relations in Southern Asia** (IR119) - ten lectures, Michaelmas Term.

A seminar on **Asia and the Pacific in International Relations** (IR157) will be held in the Lent and Summer Terms.

Additional lectures on the foreign policies of some Asian states (normally Japan, China, India and Indonesia) will be given in the course. **The Foreign Policies of the Powers** (IR105), Lent and Summer Terms and **New States in World Politics** (IR118) ten lectures, Michaelmas Term is also relevant.

Written Work: Essays will be written for supervisors and an opportunity will be provided for short papers to be presented to the seminar. Students also have the option of writing their short dissertation on a topic selected from Asia and the Pacific.

Basic Reading List: (A full reading guide will be made available to interested students). Wayne Wilcox *et al.* (Eds.), *Asia and the International System*; Werner Levi, *The Challenge of World Politics in South and South-East Asia*; Michael Leifer, *The Foreign Relations of the New States*; Harold Hinton, *Three and a Half Powers: The New Balance in Asia*; M. Zacher & R. J. Milne (Eds.), *Conflict and Stability in Southern Asia*; Alastair Lamb, *Asian Frontiers*.

Examination Arrangements: There is one three-hour formal written examination in the Summer Term. The paper contains ten questions, of which three are to be answered.

All questions count equally; there is no course work component. Copies of previous years' papers are readily available.

IR4663
International Politics: Africa and the Middle East

(i) Africa

Teacher Responsible: James Mayall, Room A234 (Secretary, Elizabeth Leslie, A235)

Course Intended Primarily for M.Sc. International Relations and M.A. Area Studies Africa.

Scope: The relations of African states with one another and with the major external powers.

Syllabus: Decolonization and Pan-Africanism. The African regional order: the formation and operation of the O.A.U. Boundary Conflicts; irridentism, secession and external intervention in African conflicts. The role of African States in the International System: The U.N., UNCTAD and the non-aligned movement. The role of the ECA. Association with the EEC. The struggle for power in Southern Africa. The Relations with the West, Communist Powers and the Arab States.

Teaching Arrangements:

(1) A course of ten lectures (IR120) is given in the Michaelmas and Lent Terms beginning in week 6 of the Michaelmas Term. The topics are as follows:

1. The Political and Diplomatic background
2. The OAU: principles and practice
- 3 and 4. Problems of regional order:
(i) Irridentism and secession
(ii) Accommodation and confrontation in Southern Africa
5. External intervention: The great powers in Southern Africa
- 6-8. Case studies in African diplomacy:
(i) France and Africa
(ii) Afro-Arab relations
(iii) Chad
9. Regional Cooperation: EAC, UDEAC, ECOWAS
10. Association with the EEC.

(2) A weekly seminar (IR158) is held in the Lent and Summer Terms. Students present papers on agreed topics.

The following courses offered by the Departments of International Relations and Government may also be of interest: Gv162 **Politics in Africa**, IR106 **Foreign Policy Analysis**, IR118 **New States in World Politics**. Students taking the M.Sc. in International

Relations will be assigned a Personal Tutor in the International Relations Department who will supervise their overall preparation for the examination. Mr. Mayall will, however, provide guidance relating to this paper for those students who are not his personal tutees.

(N.B. M.Sc. students who take the Africa and Middle East paper may concentrate solely on Africa or on the Middle East. Alternatively, they may follow both courses and answer questions from both parts of the paper in the final examination.)

Mr. Mayall also supervises the work of the M.A. Area Studies students. Those taking the paper as a minor are required to write two essays during the Session on topics to be agreed with Mr. Mayall. In addition candidates taking the subject as a major are also required to write a 10,000 word dissertation which will be supervised by Mr. Mayall.

Reading List: This is not a subject for which there is a minimal reading list which covers the entire syllabus. Students are therefore advised to consult the supplementary reading list which will be distributed at the beginning of the Course. The following titles, however, provide a useful introduction; those marked with an asterisk are available in a recent paperback edition.

I. Wallerstein, *Africa: The Politics of Unity*; Ali Mazrui, *Towards a Pax Africana*; Z. Cervenka, *The Unfinished Quest for Unity*; Saadia Touval, *The Boundary Politics of Independent Africa*; J. Mayall, *Africa: The Cold War and After*; *A. Gavshon, *Crisis in Africa: Battleground of East and West*, Penguin, 1982; *T. Shaw & N. Sola Ojo, *Africa and the International Political System*, University of America Press, 1982; W. T. Levine & T. W. Luke, *The Arab-African Connection: The Political and Economic Realities*; D. E. Albright (Ed.), *Africa and International Communism*; *G. W. Carter & P. O'Meara (Eds.), *Southern Africa: The Continuing Crisis*, Indiana University Press, 1979 or 1982.

Examination Arrangements: Separate three hour examination papers are set for the M.Sc. African Government and Politics; M.Sc. in International Politics of Africa and the Middle East; M.A. Area Studies Africa. Candidates answer three of the questions set. In the first two of these papers the questions follow the syllabus – for examples see the annexe to the supplementary reading list. In the case of the M.A. the paper is designed to reflect the special interests of the candidates on subjects to be discussed with Mr. Mayall during the Michaelmas and Lent Terms.

(ii) The Middle East

Teachers Responsible: Mr. Philip Windsor, Room A120 and Mr. Fred Halliday, Room A229

Course Intended Primarily for M.Sc. in International Relations students.

Scope: The course is intended to provide an analysis of the regional politics of the Middle East, and of their interaction with problems of international security, global resources and super-power policies.

Syllabus: The contemporary significance of the Middle East in the context of great power relations; the emergence and development of the Middle Eastern states system; sources of conflict; the interplay of domestic politics, regional conflicts and international rivalries in the policies of Middle Eastern governments; the importance of oil and other economic interests; great power rivalry and the strategic position of the Middle East.

Pre-Requisites: A knowledge of the international political system and of the major issues in its contemporary development.

Teaching Arrangements: There will be a minimum of ten lectures, accompanied by a seminar.

Lecture: IR121

Seminar: IR159

The lecture course IR105 *The Foreign Policies of the Powers* may also be of interest.

Reading List: Students are not particularly advised to purchase any book, since the more comprehensive introductions are not necessarily in print. However, they are advised to have read, before the beginning of the course: S. N. Fisher, *The Middle East: a History*.

In addition they are recommended to consult: M. Kerr, *The Arab Cold War*; M. Khadduri, *Socialist Iraq*; H. Sh. Chubin and S. Zabih, *The Foreign Relations of Iran*; W. B. Quandt, *Decade of Decisions: American Policy Towards the Arab-Israeli Conflict*; R. Freedman, *Soviet Policy Toward the Middle East since 1970*; C. F. Doran, *Myth, Oil and Politics*; B. Lewis, *The Arabs in History*.

Examination Arrangements: A three-hour formal examination in the Summer Term, based on the full syllabus of the lecture course and questions covered in the seminar.

IR4700

World Politics (Seminar)

Teachers Responsible: Mr. Fred Halliday, Room A229, Dr. P. G. Taylor, Room A129 and Dr.

Christopher Coker, Room A136 (Secretary, Hilary Parker, A139)

Course Intended Primarily for Diploma in International and Comparative Politics.

Scope: The aim of the course is to give students a broad understanding of world politics.

Syllabus:

(1) The nature of world politics. Elements of the world system. The main actors in world politics. The ends and means of foreign policy as conducted by states in international relations; intervention, alliances, economic integration and interdependence, neutrality, isolation and non-alignment.

(2) War and the search for peace; the nature of conflicts in the international system; local wars and proxy wars; peace and conflict resolution; disarmament and arms control.

(3) Poverty and the search for wealth and justice: rich nations and poor nations, and financing of world development; industry and commodity trade; energy, technology and resources. Some major global issues – population, pollution, conservation, nuclear catastrophe.

Pre-Requisites: Students admitted to the Diploma in International and Comparative Politics are expected to have a Second Class degree not necessarily in International Relations, from a reputable university, or equivalent professional qualifications or experience. No previous knowledge of world politics except general interest in current affairs is expected.

Teaching Arrangements: Two lecture courses on *International Politics* are available, and students with little or no background in international relations studies are recommended to attend either or both. Mr. Windsor gives a 20 lecture series for B.Sc. students (IR102) and Mr. Donelan a 10 lecture series for M.Sc. students (IR151). Those interested in more advanced discussion of International Relations theory should attend Mr. Banks, *Concepts and Methods* lectures (not available 1984-85). The main teaching for the *World Politics* course will be done in small seminar groups, taken by the three responsible teachers beginning in the Michaelmas Term and continuing throughout the Session.

Reading List: K. Holsti, *International Politics*; J. D. B. Miller, *The World of States*; J. Burton, *World Society*; P. Calvocoressi, *World*

Politics Since 1945; H. Bull, *The Anarchical Society*; D. Blake & R. Walters, *Politics of the International Economy*; J. Spero, *Politics of International Economic Relations* (2nd edn.).

Examination Arrangements: Students are required to write six essays at roughly three-week intervals throughout the session. Marks for these will account for 20% of the final result. The remainder will be for a three-hour examination in the Summer Term based on the full syllabus for the *World Politics* course. Students will be asked to answer three out of 12-14 questions.

IR4750

International Politics: Western Europe

See *International Politics: The Western Powers* IR4660

IR4751

The Politics of Western European Integration (Postgraduate Seminar)

See IR3771

IR4755

International Politics of Africa (This course will not be available in 1984-85)

Course Intended Primarily for M.Sc. Government and Politics of Africa.

Scope: The relations of African States with one another and with the major external powers.

Syllabus: Decolonization and Pan-Africanism. The African regional order: The formation and operation of the O.A.U. Boundary conflicts; irridentism, secession and external intervention in African conflicts. The role of African States in the International System: The U.N., UNCTAD and the non-aligned movement. The role of the ECA. Association with the EEC. The struggle for power in Southern Africa. The relations with the West, Communist Powers and the Arab States.

Teaching Arrangements: (I) A course of ten lectures (IR120) in the Michaelmas and Lent Terms.

The topics are as follows:

1. The Political and Diplomatic background.
 2. The OAU: principles and practice.
 - 3-4. Problems of regional order: (i) Irridentism and secession. (ii) Accommodation and confrontation in Southern Africa.
 5. External intervention: The great powers in Southern Africa.
 - 6-8. Case studies in African diplomacy: (i) France and Africa. (ii) Afro-Arab relations. (iii) Chad.
 - 9-10. Regional Cooperation: EAC, UDEAC, ECOWAS.
- (II) A weekly seminar (IR158) in the Lent Term in which students present papers on topics provisionally specified as follows:
1. Pan-Africanism and its ideological competitors in African politics.
 2. The role of the OAU in keeping the peace in Africa.
 3. Development strategy and foreign policy.
 4. Human rights and refugee problems.
 5. Decolonization and self-determination with special reference to the Western Sahara dispute.
 6. The role of the Front Line States and Nigeria in Southern African diplomacy.
 7. The Policy of the Soviet Union in Africa, particularly since 1974.
 8. The Policy of the United States in Africa, particularly since 1974.
 9. The Horn of Africa dispute.
 10. State sovereignty in the African context.
- (III) **Written Work:** Papers presented to the Lent

Term seminar and written assignments prescribed during the course of the session.

Preliminary Reading List: I. Wallerstein, *Africa: The Politics of Unity*, 1967; Z. Cervenka, *The Unfinished Quest for Unity*, 1977; Saadia Touval, *The Boundary Politics of Independent Africa*, 1972; J. Mayall, *Africa: The Cold War and After*, 1971; A. Gavshon, *Crisis in Africa: Battleground of East and West*, 1982; T. Shaw & N. Sola Ojo, *Africa and the International Political System*, 1982; W. T. Levine & T. W. Luke, *The Arab-African Connection: The Political and Economic Realities*, 1979; D. E. Albright (Ed.), *African and International Communism*, 1980; G. W. Carter & P. O'Meara (Eds.), *Southern Africa: The Continuing Crisis*, 1979; A. E. Frey-Wouters, *The European Community and the Third World*, 1980; H. F. Jackson, *From the Congo to Soweto*, 1982; W. Weinstein & T. H. Henniksen (Eds.), *Soviet and Chinese Aid to African Nations*; S. C. Nolutshungu, *South Africa in Africa*, 1975; I. V. Gruhn, *Regionalism Reconsidered: The Economic Commission for Africa*, 1979; J. Ravenhill, "Regional Integration and Development in Africa: Lessons from the East African Community", *Journal of Commonwealth and Comparative Politics*, Vol. XVII, No. 3, 1979.

A more complete reading list is issued at the start of the course.

Examination Arrangements: A three hour examination paper taken in June. Candidates answer three questions out of ten.

Languages Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
Ln100	Introduction to Linguistics Miss J. M. Aitchison	25/MLS	Ln3810
Ln101	Language and Mind Miss J. M. Aitchison	20/ML	Ln3831
Ln102	Language and Society Miss J. M. Aitchison	5/LS	Ln3831
Ln103	Language, Mind and Society — Intercollegiate Seminar Miss J. M. Aitchison	MLS	
Ln104	Language Change Miss J. M. Aitchison	MLS	
Ln212	French Contemporary Texts Dr. K. E. M. George	25/MLS	Ln3800
Ln217	French Thought in the 20th Century Dr. A. Green	25/MLS	Ln3932
Ln218	The French Language in the 20th Century Dr. K. E. M. George	25/MLS	Ln3931
Ln219	French Theatre of the Avant-Garde Dr. A. Green	25/MLS	Ln3930
Ln305	Selected 19th and 20th Century Spanish Authors Mr. A. L. Gooch	25/MLS	
Ln306	The Spanish Language in the 20th Century Mr. A. L. Gooch	25/MLS	
Ln600	English as a Foreign Language Professor R. Chapman	20/ML	
Ln601	English Speech Professor R. Chapman	5/M	
Ln602	Written English Professor R. Chapman	6/L	
Ln603	Literature and Society in Britain: 1830-1900 Professor R. Chapman	25/MLS	Ln3840
	1900 to the Present Day Professor R. Chapman	25/MLS	Ln3841

LANGUAGES

Extra-curricular Language Courses

German Language (Beginners)

Teacher Responsible: Mrs. B. E. Hay, Room C614

Course Intended Primarily for graduate students.

Scope: A basic practical course primarily for reading purposes.

Teaching Arrangements: Sessional classes. This course includes Language Laboratory work.

German Language (Intermediate)

Teacher Responsible: Mrs. B. E. Hay, Room C614

Course Intended Primarily for graduate students.

Scope: A continuation of German Language (Beginners) above. Study and translation of modern German texts.

Teaching Arrangements: Sessional classes. This course includes Language Laboratory work.

Spanish Language

Teacher Responsible: Mr. Anthony Gooch, Room C514

Course Intended Primarily for those intending to carry out research in the Hispanic sphere.

Scope: This is an *ab initio* course. When a sufficient number of students express an interest, an intermediate course is also available.

Teaching Arrangements: Sessional classes beginning in October.

Book: H. Ramsden, *An Essential Course in Modern Spanish*, Harrap.

French Language (Beginners)

Course Intended Primarily for graduate students.

Scope: A basic course designed particularly for reading purposes.

Teaching Arrangements: Sessional classes.

French Language (Intermediate)

Course Intended Primarily for graduate students.

Scope: A continuation of French Language (Beginners) above. Study of modern French texts.

Teaching Arrangements: Sessional classes.

Ln513

Russian Language (Beginners) (Classes)

Teachers Responsible: Dr. B. S. Johnson, Room C515 (Secretary, Mrs. E. Johnson, C619) and Mrs. Chambers, Room C516

Course Intended Primarily for M.Sc. in Government and other graduate students.

Scope: A basic practical course of Russian grammar and syntax for reading purposes.

Teaching Arrangements: Classes (Ln513), Sessional. This course includes Language Laboratory work.

Course book: *Penguin Russian Course*.

Ln514

Russian Language (Intermediate) (Classes)

Teachers Responsible: Dr. B. S. Johnson, Room C515 (Secretary, Mrs. E. Johnson, C619) and Mrs. Chambers, Room C516

Course Intended Primarily for M.Sc. in Government and other graduate students.

Scope: A continuation of Ln513 above. Study and translation of selected nineteenth and twentieth century texts.

Teaching Arrangements: Classes (Ln514), Sessional. This course includes Language Laboratory work.

Ln602

Written English

Teachers Responsible: Professor R. Chapman, Room C620 (Secretary, Mrs. E. Johnson, C619)

Course Intended Primarily for: students whose native language is not English, but open to all students.

Syllabus: The basic structure of English. Choice of words. Meaning and association.

Sentence-formation. Levels of communication. Punctuation. Preparation and presentation of material.

Recommended Reading: R. Chapman, *A Short Way to Better English*; Ernest Gowers, *Plain Words*; H. W. Fowler, *The King's English*; A. Quiller-Couch, *The Art of Writing*; R. Quirk, *The Use of English*; G. H. Vallins, *Good English*.

Teaching Arrangements: Six lectures (Ln602), Lent Term.

Ln3800

French Part I B.Sc. (Econ.)

Teacher Responsible: Dr. K. George, Room C622 (Secretary, Mrs. E. Johnson C619)

Course Intended Primarily for B.Sc. (Econ.) Part I

Scope: Study of a range of French texts drawn from the social sciences.

Syllabus: Translation into English; Essay in French; Oral practice in French.

Pre-Requisites: A good A-level pass in French, or its equivalent, will normally be required.

Teaching Arrangements: Weekly language class (Ln212) (Sessional), supplemented by native oral tuition as available.

Written Work: Weekly language exercises.

Reading List: The course book will be: *Le français en faculté* (Hodder & Stoughton).

Examination Arrangements: One three hour written examination, which will test the ability to translate from French into English and to write an essay in French, plus a 20 minute oral examination in French.

Ln3801

German Part I

Teacher Responsible: Mrs. B. E. Hay, Room C614 (Secretary, Mrs. E. Johnson, C619)

Course Intended Primarily for: B.A./B.Sc. c.u.; B.Sc. (Econ.) Part I.

Scope: The aim of the course is to consolidate the student's command of written and spoken German post- 'A' level.

Syllabus: Translation of modern texts.

Discussion and essay work based on newspaper articles, short stories, recorded material etc.

Pre-Requisites: 'A' level German or a good 'O' level, subject to the tutor's approval.

Teaching Arrangements: Two hours of class work (Ln400; Ln403) per week plus regular

listening practice in the Language Lab.

Written Work: Weekly translations, occasional grammar exercises. Five essays.

Reading List: There are no 'set books'. For purposes of discussion, students are encouraged to use the stock of modern German books in the Teaching Library as well as to invest in some cheap paperback editions. The Language Lab provides German newspapers, periodicals, dictionaries and other reference books.

Examination Arrangements: A three-hour paper: 1) translation into German, 2) translation into English, 3) a general essay.

Also a 15 minute oral examination of a general, conversational nature.

Ln3802

Russian Part I B.Sc. (Econ.)

Teacher Responsible: Dr. B. S. Johnson, Room C515 (Secretary, Mrs. E. Johnson, C619)

Course Intended Primarily for students of B.Sc. (Econ.) Part I with specific interests in USSR and/or Eastern Europe.

Scope: Practical study of Russian language. **Syllabus:** Extension of students' knowledge of Russia and Russian, translation from English into Russian and from Russian into English and oral practice in Russian.

Pre-Requisites: Normally an A-level pass in Russian or its equivalent. Applicants with O-level or less may be accepted but more intensive preparation will be required.

Teaching Arrangements:

Twice-weekly language class (Ln509) (Sessional).

Weekly oral practice (Ln505).

Written Work: Weekly language exercises, preparation and practice.

Reading List: Borras & Christian, *Russian Syntax*, 2nd edn., Oxford University Press; I. Pulkina, *A Shorter Russian Reference Grammar*.

Examination Arrangements: One three hour written examination comprising translation passages English-Russian and Russian-English, plus an oral examination in Russian.

Ln3803
Spanish Part I B.Sc. (Econ.)

Teacher Responsible: Mr. Anthony Gooch, Room C514 (Secretary, Mrs. R. G. Serbicki, C613)

Course Intended Primarily for Students of Government, International Relations, International History, Economics, Sociology and Anthropology who have a strong, specific interest in Spain or any Spanish-speaking country or countries.

Scope: The aim of the course is to expand and deepen the student's knowledge of modern Spanish and Spanish affairs.

Syllabus: The student will be presented with a wide variety of texts in Spanish and English for discussion, linguistic commentary and translation. The stress will be on material of a political and sociological nature. Specific works will be prescribed for detailed study of both content and language, and the student will be expected to read extensively as an integral part of the course.

It is essential for the student to have as basic tools a good bilingual dictionary such as those published by Larousse, Collins and Cassell and a substantial reference grammar such as Harmer & Norton's *A Manual of Modern Spanish* or Ramsey & Spaulding's *A Textbook of Modern Spanish*. In addition, the series *Problemas básicos del español*, published by Ediciones Aravaca, is strongly recommended.

Pre-Requisites: Admission to the course will normally be granted only to applicants with a good A-level qualification. However, in exceptional circumstances, others will be considered.

Teaching Arrangements and Written Work:

Two classes (Ln301; Ln302) per week throughout the three terms, together with tutorials for the discussion of written work arranged in accordance with individual requirements. Normally one translation or other piece of written work will be set each week to be handed in the week following.

Reading List: The following works are recommended: R. Carr, *Spain 1808-1939*; R. Carr, *Modern Spain 1875-1980*; D. L. Shaw & G. Brown, *A Literary History of Spain - 19th and 20th Centuries*; P. Baroja, *Memorias de un hombre de acción*; A. Buero Vallejo, *Un soñador para un pueblo*; *Las meninas*; *El sueño de la razón*; S. de Madariaga, *Ingleses, franceses, españoles*; J. L. Martín Vigil, *Carta a un adolescente*; J. Ortega y Gasset, *España invertebrada*; *Meditaciones del Quijote*; *Meditación de Europa*; E. Pardo Bazan, *Los Pazos de Ulloa*; B. Pérez Galdós, *Episodios nacionales*; R. Sánchez Ferlosio, *El Jarama*; F.

Umbral, *España cañí*; M. de Unamuno, *Andanzas y visiones españolas: En torno al casticismo*.

The student is strongly advised to read regularly a newspaper such as *El País* and/or a magazine such as *Cambio 16*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term which will consist of two passages for translation, one from Spanish into English and one from English into Spanish. At least one of the passages will be of a political or sociological nature.

Ln3810
Elementary Linguistics

Teacher Responsible: Jean Aitchison, Room C520 (Secretary, Mrs. E. Johnson, C619)

Course Intended Primarily for: B.Sc. c.u. main fields Soc. Anth. 3rd yr., Soc., Soc. Psych.; B.Sc. (Econ.) Part II; B.A. French Studies; M.Sc.

Scope: An introduction to linguistics orientated towards Chomsky's transformational-generative grammar.

Syllabus: The scope of linguistics.

Characteristics of language, and the search for a universal framework. Language types. The identification of basic linguistic units and sentence patterns. Chomsky's approach. Problems with Chomskyan theory. Meaning.

Pre-Requisites: None required, though a predilection for puzzle-solving would be useful.

Teaching Arrangements: 25 one-hour lectures (Ln100) and 25 one-hour classes. Each lecture is accompanied by a linguistic puzzle, whose solution is handed out the following week. Classes 1-10: Learning the International Phonetic Alphabet, and practising transcription; 11-20: writing transformational grammars; 21-25: revision.

Written Work: Informal exercises are set in class each week. Five pieces of written work (essay/exercise) are formally marked in the course of the year.

Reading List: The course is mainly a practical one, relying on problem solving rather than reading. Selected passages from the following are likely to be recommended as back-up reading for the written assignments. (* denotes recommended purchase):
*J. Aitchison, *Linguistics*, Hodder & Stoughton, TY books, 1982 reprint; J. Aitchison, *The Articulate Mammal*, Hutchinson, 1976; M. Atkinson, D. Kilby & I. Roca, *Foundations of General Linguistics*,

Allen and Unwin, 1982; B. Comrie, *Language Universals & Linguistic Typology*, Blackwells, 1981; J. Lyons, *Language, Meaning and Context*, Fontana, 1981; A. Radford, *Transformational Syntax*, Cambridge University Press, 1981; N. V. S. Smith & D. Wilson, *Modern Linguistics*, Penguin, 1979.

Examination Arrangements: There is a 3-hour examination at the end of the year, in which there is a choice of four out of ten questions. This counts for 90% of allotted marks. The written work described above accounts for the remaining 10%.

Ln3820

French Part II B.Sc. (Econ.)

Teacher Responsible: Dr. K. George, Room C622 (Secretary, Mrs. E. Johnson, C619)

Course Intended Primarily for B.Sc. (Econ.) Part II.

Scope: Language and society in Modern France.

Syllabus: Sociolinguistic study of Modern France, including the following topics: standard v. non-standard usage; linguistic elitism; jargon and slang; regional variation and the decline of dialect; lexical borrowing; the language of the media and of advertising. A variety of written sources will be used.

Pre-Requisites: A good A-level pass in French, or its equivalent, will normally be required.

Teaching Arrangements: Weekly lecture/class (Ln215-216) (Sessional), plus native oral tuition as available.

Written Work: 3 essays per term.

Reading List: The following should be purchased: C. Désirat & T. Hordé, *La langue française au XXe siècle*, Bordas; P. Guiraud, *Le français populaire, Que sais-je?*.

Students should also consult: R. Etiemble, *Parlez-vous français?* Gallimard; M. Galliot, *Essai sur la langue de la réclame contemporaine*, Privat; N. Gueunier, E.

Genouvrier & A. Khomsi, *Les Français devant la norme*, Champion; P. Guiraud, *L'argot, Que sais-je?*; P. Rickard, *A History of the French Language*, Hutchinson; P. Trudgill, *Sociolinguistics*, Penguin.

Examination Arrangements: One three hour written examination, plus a 30 minute oral examination in French.

Ln3821

German Part II B.Sc. (Econ.)

Teacher Responsible: Mrs. B. E. Hay, Room C614 (Secretary, Mrs. E. Johnson, C619)

Course Intended Primarily for B.Sc. (Econ.) Part II.

Scope: A two-year course designed for students with a sound grasp of the language who wish to gain proficiency in the skills of writing, speaking and translating at an advanced level.

Syllabus: Year 1: Translation of general and specialised modern texts. Analysis and discussion of selected writings by modern authors.

Year 2: Consolidation of linguistic skills. Study of either the work of one German writer or a chosen aspect of German history or society.

Pre-Requisites: Either Part I German or a good 'A' level pass.

Teaching Arrangements: Two hours of class work (Ln401-402; Ln404-405) per week plus regular listening practice in the Language Laboratory.

Written Work: Regular weekly translations. Preparation of reading material for discussion and occasional paper or project.

Reading List: There are no 'set books'.

Students are encouraged to make full use of the resources of German books in the Library as well as of reference books, newspapers and periodicals in the Language Lab. In addition, each student receives a selected reading list geared to his or her chosen topic.

Examination Arrangements: A three-hour paper in the Summer Term of the final year, comprising the compulsory passages for translation: 1) into German, 2) into English. There is an oral examination of about 30 minutes when candidates are given an opportunity to talk on their special topic.

Ln3822

Russian Part II B.Sc. (Econ.)

Teacher Responsible: Dr. B. S. Johnson, Room C515 (Secretary, Mrs. E. Johnson, C619)

Course Intended Primarily for students of B.Sc. (Econ.) Part II, option XXIII (Russian, Government and History), and others with specific interests in USSR and/or Eastern Europe.

Scope: Practical study of Russian language with reference to Soviet History, Government,

Politics, Economy through selected texts.
Syllabus: Advancement of students' knowledge of Russian; translations from and into Russian; study of texts of general and social science orientated content. Oral practice in Russian.

Pre-Requisites: Normally an A-level pass in Russian and completion of the B.Sc. (Econ.) Part I Russian course, or equivalent qualifications. Exceptionally, other applicants may be accepted but a more intensive course will be required.

Teaching Arrangements: Twice weekly language classes (Ln507-510; Ln508-511) during two sessions and weekly oral practice.

Written Work: Weekly language exercises, preparation and practice.

Reading List: Borras & Christian, *Russian Syntax* (2nd edn.) Oxford University Press; D. Ward, *Russian Today*; H. Billington, *The Icon and the Axe*; Comrie & Stone, *The Russian Language since the Revolution*, Oxford University Press; V. Klepko, *A Practical Guide to Russian Stress*, FLPH, Moscow; A. Vilgelmina, *The Russian Verb*, FLPH, Moscow; Akad, *Naibolee upotrebitel'nyje glagoly sovremennego russkogoazyka*, Nauk, USSR.

Examination Arrangements: One three hour written examination comprising translation passages English-Russian and Russian-English, plus an oral examination.

Ln3823

Spanish Part II B.Sc. (Econ.)

Teacher Responsible: Mr. Anthony Gooch, Room C514 (Secretary, Mrs. R. G. Serbicki, C613)

Course Intended Primarily for Students of Government, International Relations, International History, Economics, Sociology and Anthropology who have a strong, specific interest in Spain or any Spanish-speaking country or countries.

Scope: The aim of the course is to bring the student's knowledge of Spanish to a high degree of refinement, especially in the areas of semantic discrimination and style, and to deepen his or her knowledge of Spanish affairs.

Syllabus: The student will be presented with a wide variety of texts in Spanish and English for discussion, linguistic commentary and translation. The stress will be on material of a political and sociological nature. Specific works will be prescribed for detailed study of both content and language, and the student

will be expected to read extensively as an integral part of the course.

It is essential for the student to have as basic tools a good bilingual dictionary such as those published by Larousse, Collins and Cassell and a substantial reference grammar such as Harmer & Norton's *A Manual of Modern Spanish* or Ramsey & Spaulding's *A Textbook of Modern Spanish*. In addition, the series *Problemas básicos del español*, published by Ediciones Aravaca, is strongly recommended.

Pre-Requisites: Admission to the course will be granted only to applicants who have successfully completed Part I or who can furnish other evidence of the necessary degree of proficiency. Native speakers of Spanish who wish to take the course must furnish evidence of a satisfactory command of English.

Teaching Arrangements and Written Work: Two classes (Ln303; Ln304) per week throughout the three terms, together with tutorials for the discussion of written work arranged in accordance with individual requirements. Normally one translation or other piece of written work will be set each week to be handed in the week following.

Reading List: The following works are recommended: R. Carr & J. P. Fusi, *Spain: Dictatorship to Democracy*; M. Azaña, *La velada en Benicarló/Memorias políticas y de guerra*; A. Buero Vallejo, *La doble historia del doctor Valmy*; *Jueces en la noche*; J. Busquets, *Pronunciamentos y golpes de Estado en España*; C. J. Cela, *San Camilo, 1936*; Leopoldo Alas/Clarín, *La Regenta*; M. Delibes, *Cinco horas con Mario*; J. Goytisolo, *Reivindicación del Conde don Julian*; L. Martín-Santos, *Tiempo de silencio*; J. Ortega y Gasset, *Vieja y nueva política*; *Discursos políticos*; *La rebelión de las masas*; *La caza*; B. Pérez Galdós, *Fortunata y Jacinta*; C. Rojas, *Azaña*; J. Semprún, *Autobiografía de Federico Sánchez*; F. Umbral, *Crónicas postfranquistas*; Valle-Inclán, *El ruedo ibérico cycle*; F. Vizcaino Casas, *De "camisa vieja" a chaqueta nueva*; *Al tercer año, resucitó*
The series *Especjo de España* and *Textos* (Planeta).

The student is strongly advised to read regularly a newspaper such as *El País* and/or a magazine such as *Cambio 16*.

Supplementary Reading List: The student will also find the following of considerable interest and value: R. Carnicer, *Sobre el lenguaje de hoy*; *Nuevas reflexiones sobre el lenguaje*; *Tradición y evolución en el lenguaje actual*; E. Lorenzo, *El español, lengua en ebullición*.

Examination Arrangements: There is a three-hour formal examination to be taken normally in the Summer Term of the student's

final year, although, in special circumstances, it may be taken at the end of the second year. The examination will consist of two passages for translation, one from Spanish into English and one from English into Spanish. At least one of the passages will be of a political or sociological nature.

Ln3831

Language, Mind and Society

Teacher Responsible: Jean Aitchison, Room C520 (Secretary, Mrs. E. Johnson, C619)

Course Intended Primarily for B.A./B.Sc. c.u., any main field.

Scope: An introduction to psycholinguistics (language and mind) and sociolinguistics (language and society).

Syllabus: (1) The innateness question; human language v. animal communication; possible biological adaptations of humans to language. (2) Child language development. (3) Theories of speech comprehension. Slips of the tongue as clues to speech production. Word storage and retrieval. (4) Linguistic variation and its relationship to social variables such as class, sex, age, ethnic group. Language change. Pidgins and creoles.

Pre-Requisites: None required, though students who have already done *Elementary Linguistics* might have some advantage.

Teaching Arrangements: 22 one-and-a-half hour lectures (Ln101; Ln102); 11 one-and-a-half hour classes. In the classes, students prepare (in rotation) papers on various aspects of the syllabus, which are then discussed.

Written Work: Students must hand in at least three essays in the course of the year. These are normally revised versions of the papers which have been presented in class.

Reading List: Topic-by-topic reading lists are circulated for each section of the course. These include important papers and selected chapters from books. The following books are likely to feature prominently: (* denotes recommended purchase): *J. Aitchison, *The Articulate Mammal*, Hutchinson, 1976; *J. Aitchison, *Language Change: Progress or Decay?*, Fontana, 1981; M. D. S. Braine, *Children's First Word Combinations*, Chicago, 1976; J. Bresnan, *The Mental Representation of Grammatical Relations*, MIT Press, 1982; H. H. Clark & E. V. Clark, *Psychology & Language*, Harcourt, 1977; P. Fletcher & M. Garman, *Language Acquisition*, Cambridge University Press, 1979; V. Fromkin, *Speech*

Errors as Linguistic Evidence, Mouton, 1973; V. Fromkin, *Errors in Linguistic Performance*, Academic Press, 1980; M. Halle, J. Bresnan & G. A. Miller, *Linguistic Theory and Psychological Reality*, MIT Press, 1978; E. H. Lenneberg, *Biological Foundations of Language*, Academic Press, 1967; L. Milroy, *Language & Social Networks*, Blackwell, 1980; *P. Trudgill, *Sociolinguistics*, Penguin, 1974; P. Trudgill, *On Dialect*, Blackwell, 1982; E. Wanner & L. R. Gleitman, *Language Acquisition: the State of the Art*, Oxford University Press, 1982.

Examination Arrangements: One three-hour examination in which four out of ten questions must be answered. This counts for 90% of the marks. The written assignments (outlined above) account for the remaining 10%.

Ln3840

Literature and Society in Britain 1830-1900

Teacher Responsible: Professor R. Chapman, Room C620 (Secretary, Mrs. E. Johnson, C619)

Course Intended Primarily for: B.A./B.Sc. c.u.; B.Sc. (Econ.) Part II

Syllabus: Work of selected authors, with particular attention to specified texts as indicated on the reading-list. Consideration of general critical principles arising from the literature of the period.

Pre-Requisites: No formal qualifications; A-level or equivalent in English Literature useful but not essential.

Teaching Arrangements: The class normally follows the lecture (Ln603) and is given mainly to discussion of lecture-topics.

Lectures: 20

Classes: 24

Written Work: 4 or 5 essays, each on a topic selected from a short list. Students are expected to take part in class discussions.

Reading List: The following books are recommended for purchase and general background: D. Thomson, *England in the Nineteenth Century*, Penguin; B. Ford (Ed.), *From Dickens to Hardy*, Penguin.

For information and criticism to supplement the lectures read as many as possible of the following: R. Chapman, *The Victorian Debate*; J. H. Buckley, *The Victorian Temper*; B. Willey, *Nineteenth Century Studies*; A. Briggs, *Victorian People*; P. Gregg, *A Social and Economic History of Britain*; G. Kitson Clark, *The Making of Victorian England*; C. Brinton, *English Political Thought in the Nineteenth*

Century; W. E. Houghton, *The Victorian Frame of Mind*; R. Robson, *Ideas and Institutions of Victorian Britain*; D. C. Somervell, *English Thought in the Nineteenth Century*; J. Evans, *The Victorians*.

There are no 'set books' but it may be useful to know that the following works will be considered in some detail and should be read with care and critical application: Disraeli, *Coningsby* and *Sybil*; Dickens, *Bleak House*; *Hard Times*; *Oliver Twist*; Morris, *News from Nowhere*; Eliot, *Middlemarch*; Butler, *The Way of All Flesh*; Hardy, *The Return of the Native* and *Jude the Obscure*; Brontë, *Wuthering Heights*; Thackeray, *Vanity Fair*; Tennyson, *Poems* (1842 volume) and *In Memoriam*; Browning, *Men and Women*.

Examination Arrangements: 3-hour paper in the Summer Term; 3 essay questions selected from about 15 topics.

Ln3841

Literature and Society in Britain 1900 — Present Day (Not available 1984-85)

Teacher Responsible: Professor R. Chapman, Room C620 (Secretary, Mrs. E. Johnson, C619)

Course Intended Primarily for B.A./B.Sc. c.u.; B.Sc. (Econ.) Part II

Syllabus: Work of selected authors, with particular attention to specified texts as indicated on the reading-list. Consideration of general critical principles arising from the literature of the period.

Pre-Requisites: No formal qualifications; A-level or equivalent in English Literature useful but not essential.

Teaching Arrangements: The class normally follows the lecture (Ln603) and is given mainly to discussion of lecture-topics.

Lectures: 20

Classes: 24

Written Work: 4 or 5 essays, each on a topic selected from a short list. Students are expected to take part in class discussions.

Reading List: Fiction: The following novels will be studied in connection with the wider achievement of their authors: D. H. Lawrence, *Sons and Lovers*; Virginia Woolf, *Mrs. Dalloway*; Aldous Huxley, *Brave New World*; George Orwell, *Nineteen Eighty-four*; James Joyce, *Portrait of the Artist as a Young Man*; William Golding, *Lord of the Flies*; Graham Greene, *Brighton Rock*; E. M. Forster, *A Passage to India*; Iris Murdoch, *Under the Net*; C. P. Snow, *The New Men*;

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John Braine, *Room at the Top*. **Poetry:** Poets of 1914-18; W. B. Yeats; T. S. Eliot; Auden and the 'New Country poets'; Dylan Thomas. **Drama:** Shaw; Beckett; Pinter; Osborne; Wesker.

Supplementary Reading List: *B. Ford (Ed.), *The Modern Age*, Pelican History of English Literature; *G. S. Fraser, *The Modern Writer and his World*; *D. Thomson, *England in the Twentieth Century*, Pelican History of England; P. Gregg, *A Social and Economic History of Britain 1760-1950*; C. B. Cox & A. E. Dyson (Eds.), *The Twentieth-Century Mind*, 3 Vols; A. J. P. Taylor, *English History 1914-1945*; C. Gillie, *Movements in English Literature 1900-1940*; W. Allen, *Tradition and Dream*; V. de S. Pinto, *Crisis in English Poetry*; F. R. Leavis, *New Bearings in English Poetry*; D. Daiches, *The Novel and the Modern World*; J. I. M. Stewart, *Oxford History of English Literature*, Vol. 12; W. Robson, *Modern English Literature*.

The titles asterisked are recommended for purchase and general background.

Examination Arrangements: 3-hour paper in the Summer Term; 3 essay-questions selected from about 15 topics.

Ln3930

French Theatre of the Avant-Garde

Teacher Responsible: Dr. Anne Green, Room C513 (Secretary, Mrs. R. G. Serbicki, C613)

Course Intended Primarily for B.A. French Studies final year.

Scope: A detailed study of a range of French plays and writings on the theory of drama.

Syllabus: A study of modern French drama, with special reference to texts by Artaud, Adamov, Ionesco, Beckett and Genet.

Pre-Requisites: A-level French (or equivalent) is essential.

Teaching Arrangements: One lecture (Ln219) plus one class weekly throughout the session.

Written Work: Students are normally asked to write five essays during the course. The frequency of class papers will depend on the size of the class. Work is set, marked and discussed by Dr. Green.

Reading List: Antonin Artaud, *Le Théâtre et son double*; Arthur Adamov, *Le Sens de la marche*; *Le Ping-Pong*; Paolo Paoli; *La politique des restes*; Eugène Ionesco, *Notes et contre-notes*; *La cantatrice chauve*; *Victimes du devoir*; *Amédée*; *Tueur sans gages*; *Macbett*; Samuel Beckett, *En attendant Godot*; *Fin de*

partii; *La dernière bande*; *Oh! les beaux jours*; Jean Genet, *Les Bonnes*; *Le Balcon*.

All these texts will be studied in detail, and should preferably be bought by the student.

Supplementary Reading List: General: M.

Esslin, *The Theatre of the Absurd*; J. Fletcher (Ed.), *Forces in Modern French Drama*; J. Guicharnaud, *Modern French Theatre from Giraudoux to Genet*; L. C. Pronko, *Avant-garde: the experimental theatre in France*; G. Serreau, *Histoire du "nouveau théâtre"*; J. Duvignaud et J. Lagoutte, *Le Théâtre contemporain*; J. Duvignaud, *Sociologie du théâtre*; E. Jacquart, *Le Théâtre de dérision*; C. Roy, "Le Théâtre de la cruauté en Europe", *Nouvelle Revue Française* CXLIX, May 1965. Artaud: A. Virmaux, *Antonin Artaud et le théâtre*; G. Durozoi, *Artaud, l'aliénation et la folie*; M. Esslin, *Artaud*; R. Hayman, *Artaud and After*; Artaud (Colloque Cerisy). Adamov: A. Adamov, *Ici et maintenant*; J. H. Reilly, *Arthur Adamov*; R. Gaudy, *Arthur Adamov*; P. Mélése, *Arthur Adamov*; B. Dort, "Paolo Paoli ou la découverte du réel", *Les Temps modernes*, 13, 1957, pp. 1106-14; C. Lyles, "Adamov or 'le sens littéral' in the theatre", *Yale French Studies*, no. 40, 1954-55, pp. 48-56.

Ionesco: R. N. Coe, *Ionesco: a Study of his Plays*; R. C. Lamont (Ed.), *Ionesco: a Collection of Critical Essays*; C. Bonnefoy, *Entretiens avec Eugène Ionesco*; S. Benmussa, *Ionesco*; R. Laubreaux (Ed.), *Les Critiques de notre temps et Ionesco*; M.-F. Ionesco (Ed.), *Ionesco: situation et perspectives*, Colloque Cerisy.

Beckett: R. N. Coe, *Beckett*; C. Duckworth, *Angels of Darkness. Dramatic effect in Beckett and Ionesco*; R. Cohn, *Back to Beckett*; M. Esslin (Ed.), *Samuel Beckett: a Collection of Critical Essays*; J. Pilling, *Samuel Beckett*; A. Reid, *All I can manage, more than I could: an approach to the plays of Samuel Beckett*; J. Fletcher & J. Spurling, *Beckett: a Study of his Plays*; H. Kenner, *Samuel Beckett: a Critical Study*; A. Alvarez, *Beckett*.

Genet: R. N. Coe, *The Vision of Jean Genet*; J. P. Sartre, *Saint Genet, comédien et martyr*; P. Thody, *Jean Genet, a study of his novels and plays*; J. H. MacMahon, *The Imagination of Jean Genet*.

Examination Arrangements: A three-hour formal examination in the Summer Term; ten questions in all, three to be attempted.

Ln3931

The French Language in the Twentieth Century

Teacher Responsible: Dr. K. George, Room C622 (Secretary, Mrs. E. Johnson, C619)

Course Intended Primarily for B.A. French Studies (final year)

Scope: Linguistic study of aspects of contemporary spoken and written French.

Syllabus: Phonetics and phonology; lexicology; register, including popular French and slang; Anglicism; purism.

Pre-Requisites: A-level in French, plus at least one year's intensive study of contemporary French usage.

Teaching Arrangements: One lecture (Ln218) plus one class per week throughout the session.

Written Work: 3 essays per term. Weekly phonetic transcription exercises in Lent Term.

Reading List: The following should be purchased: F. Caradec, *Dict. du français argotique et populaire*, Larousse; C. Désirat & T. Hordé, *La langue française au XXe siècle*, Bordas; R. Etiemble, *Parlez-vous français?*, Gallimard; P. Guiraud, *L'argot, Que sais-je?*; P. Guiraud, *Le français populaire*, id.; H. Mitterand, *Les mots français*, id.

Detailed lists of relevant articles will be issued as appropriate.

Examination Arrangements: A 3 hour written examination, plus a 1 hour practical test (phonetic transcription of tape), both in Summer Term.

Ln3932

French Thought in the 20th Century

Teacher Responsible: Dr. Anne Green, Room C513 (Secretary, Mrs. R. G. Serbicki, C613)

Course Intended Primarily for B.A. French Studies, Final year.

Syllabus: A detailed study of aspects of contemporary French thought with special reference to Claude Lévi-Strauss, Roland Barthes, Michel Foucault and Jacques Derrida.

Pre-Requisites: A-level French (or equivalent) is essential; Ln203 is advisable.

Teaching Arrangements: One lecture (Ln217) plus one class weekly throughout the session.

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Written Work: Students will normally be expected to write a minimum of four essays during the course. The frequency of class papers will depend on the size of the class. Work is set, marked and discussed by Dr. Green.

Reading List: Prescribed texts: C. Lévi-Strauss, *La Pensée Sauvage*, 1962; R. Barthes, *Mythologies*, Seuil, 1970; *Essais Critiques*, Seuil, 1964; M. Foucault, *La Volonté de Savoir*, Gallimard, 1976; J. Derrida, *De la Grammatologie*, Editions de Minuit, 1967.

Supplementary Reading: V. Descombes, *Modern French Philosophy*, Cambridge University Press, 1979; E. R. Leach, *Levi-Strauss*, Fontana, 1970; J. Sturrock (Ed.), *Structuralism and Since. From Lévi-Strauss to Derrida*, Oxford University Press, 1979; J. Culler, *Barthes*, Fontana, 1983; A. Lavers, *Roland Barthes: Structuralism and After*, Methuen, 1982; A. Sheridan, *Michel Foucault, the Will to Truth*, Tavistock, 1980; V. B. Leitch, *Deconstructive Criticism. An Advanced Introduction*, Hutchinson, 1983; C. Norris, *Deconstruction, Theory and Practice*, Methuen, 1983.

Examination Arrangements: Three-hour formal examination in the Summer Term; eight questions in all, three to be attempted.

Ln3941

Aspects of Russian Literature and Society Part II (B.Sc. (Econ.))

Teacher Responsible: Dr. B. S.

Johnson, Room C515 (Secretary, Mrs. E. Johnson, C619)

Course Intended Primarily for students of B.Sc. (Econ.) Part II, Special Subject XXII (Russian, Government and History).

Scope: Themes and problems of Russian and Soviet Society as portrayed in XIXth and XXth century Russian literature.

Syllabus: Study of two out of four recurrent themes through selected texts:

1. The Peasant Question. From Catherine the Great to the Khrushchev era.
2. Representatives of Their Times. The attitude of the thinking individual to the events and society of his times, 1825-1930.
3. Cataclysm, War and Revolution. The effects of war and violent upheaval on successive generations, 1850-1950.
4. The Tribulations and Exploits of Soviet Man. The evolution of the Soviet 'ideal pattern' individual from 1905 to the post-Stalin era.

Pre-Requisites: Normally an A-level and completion of the B.Sc. (Econ.) Part I, Russian Course, plus participation in B.Sc. (Econ.) Part II Russian Course.

Teaching Arrangements: Weekly class (Ln512) during two sessions, plus tutorials.

Written Work: Fortnightly essay.

Reading List: 1. The Peasant Question: W. S. Vucinich, *The Peasant in Nineteenth-Century Russia*; J. Blum, *Lord and Peasant in Russia*; M. Lewin, *Russian Peasants and Soviet Power*; E. Strauss, *Soviet Agriculture in Perspective*; Radishchev, *Puteshestviye iz Peterburga v Moskvu*; Pushkin, *Derevnya*; Turgenev, *Zapiski Okhotnika*; Grigorovich, *Derevnya*; Anton Goremyka; Nekrasov, *Moroz, krasnyy nos*; Hertsen, *Soroka-vorovka*; Reshetnikov, *Polipovtsy*; Bunin, *Derevnya*; Chekhov, *Muzhiki*; Sholokhov, *Podnyataya tselina*; Stadnyuk, *Lyudi ne angely*; Panfyorov, *Otrazheniya*; Ovechkin, *Rayonnyye budni*; *Trudnaya vesna*; Soloukhin, *Vladimirskiy proselki*; Abramov, *Vokrug da okolo*; *Puti-pereput'ya*; *Prasliny*; G. Uspensky, *Vlast' zemli*; Gorky, *O russkom krest'yanstve*.

2. Representatives of Their Times: Pushkin, *Yevgeniy Onegin*; Lermontov, *Geroy nashego vremeni*; Goncharov, *Oblomov*; Turgenev, *Rudin*; *Otsy i deti*; *Nov'*; Chernyshevsky, *Chto delat'*; Tolstoy, *Anna Karenina*; Dostoyevsky, *Besy*; Zlatovratsky, *Osnovy*; Gorky, *Chelkash*; *Mat'*; *Ispoved'*; Zamyatin, *My*.

3. Cataclysm, War and Revolution: Tolstoy, *Sevastopolskiye rasskazy*; Garshin, *Chetyrye dnya*; Fedin, *Goroda i gody*; Leonov, *Barsuki*; Sholokhov, *Tikhyy Don*; A. Tolstoy, *Khozhdeniye po mukam*; Serafimovich, *Zheleznyy potop*; Babel, *Konarmiya*; Simonov, *Dni i nochi*; V. Nekrasov, *V okopakh Stalingrada*; Leonov, *Vzlyatiye Velikoshumska*; Bek, *Volokolamskoye shosse*; Baklanov, *Yul' 1941*; Balter, *Do svidaniye, malchiki*.

4. Tribulations of Soviet Man: Ivanov, *Bronyepoezd 14-39*; Furmanov, *Chapayev*; Fadeev, *Razgrom*; Gladkov, *Tsement*; Leonov, *Sor'*; Ostrovsky, *Kak zakalyalas' stal'*; Platonov, *Kotlovan*; Ilf and Petrov, *Zolotoy telyonok*; Polevoi, *Povest' o nastoyashchem cheloveke*; Granin, *Iskateli*; Nekrasov, *V rodnom gorode*; Dudintsev, *Ne khlebom yedinyim*; Kochetov, *Braty'a Yershovy*; Solzhenytsin, *Odin den' Ivana Denisovicha*.

Examination Arrangements: One three-hour written examination in the final year.

Candidates will be required to answer question(s) on both their chosen themes.

Law Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number		Study Guide Number
LL100	Public Law: Elements of Government Dr. C. R. Harlow, Professor J. A. G. Griffith, Mr. R. W. Rawlings and Mr. J. M. Jacob	29/ML LL5003
LL101	Law of Contract Mr. I. G. F. Karsten, Mr. P. Muchlinski, Mr. W. D. Bishop and Mrs. R. G. Schuz	42/MLS LL5001
LL102	Law of Property I Dr. S. A. Roberts, Mr. D. C. Bradley, Mr. W. T. Murphy and Mr. B. R. Green	44/MLS LL5002
LL103	The Law-Making Process Professor M. Zander	10/M LL5500; LL5020
LL104	Law and the Social Sciences Dr. S. A. Roberts and Mr. W. T. Murphy	10/M
LL105	Courts and Litigation Professor M. Zander	26/LS LL5000
LL106	Law of Tort Mr. I. G. F. Karsten, Mr. D. C. Bradley, Mr. W. D. Bishop and Dr. C. R. Harlow	45/MLS LL5041
LL107	Criminal Law Professor L. H. Leigh, Professor J. E. Hall Williams and Ms. J. Temkin	23/MLS LL5040
LL108	Jurisprudence Mr. D. N. Schiff, Mr. W. D. Bishop, Mr. R. L. Nobles and Mr. B. R. Green	42/MLS LL5100
LL110	Law of Property II Mr. W. T. Murphy, Mr. B. R. Green and Mr. R. L. Nobles	45/MLS LL5105
LL111	Law of Evidence Professor J. E. Hall Williams	20/ML LL5113
LL112	Public International Law Professor R. Higgins, Dr. Shaw and Dr. P. W. Birnie	40/ML LL5131
LL113	Conflict of Laws Mr. T. C. Hartley, Mr. I. G. F. Karsten and Mrs. R. G. Schuz	45/MLS LL5114
LL114	Mercantile Law Mr. A. G. L. Nicol	40/ML LL5110

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>	<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>
LL115	Labour Law Professor Lord Wedderburn and Mr. R. C. Simpson	40/ML	LL5112	LL141	Outlines of Modern Criminology Professor J. E. Hall Williams and Ms. J. Temkin	10/L LL5170
LL116	Domestic Relations Mr. D. C. Bradley, Mr. R. W. Rawlings and Dr. S. A. Roberts	40/ML	LL5118	LL142	Health Care and the Law Mr. J. M. Jacob and others	10/L LL5175
LL117	Law of Business Associations Mrs. J. A. Freedman and Dr. D. A. Chaikin	35/ML	LL5111	LL143	Legal Services to the Community Professor M. Zander	10/M LL5176
LL118	Local Government Law Professor J. A. G. Griffith, Mr. R. W. Rawlinge and Mr. M. Loughlin	6/M	LL5117	LL144	Social Security Law I Dr. J. Fulbrook	10/M LL5172
LL119	International Protection of Human Rights Professor R. Higgins	/MLS	LL5132	LL145	Social Security Law II Dr. J. Fulbrook	10/L LL5173
LL120	Basic Principles of Soviet and Yugoslav Legal Systems Professor I. Lapenna	25/MLS	LL5134	LL146	Law of Landlord and Tenant Mr. R. L. Nobles	10/M LL5174
LL121	Legislation — Seminar Mr. J. M. Jacob and Professor J. A. G. Griffith	10/M	LL5116	LL147	Race, Nationality and the Law Mr. A. G. L. Nicol	10/L LL5177
LL122	Introduction to the Anthropology of Law (not available 1984-85) Dr. S. A. Roberts	25/MLS	LL5138	LL148	Sociological Theory and the Idea of Law — Seminar Mr. D. N. Schiff	10/M LL5179
LL123	Introduction to European Law Mr. T. C. Hartley and Dr. N. March-Hunnings	45/MLS	LL5133	LL149	Public Law and Economic Policy (not available 1984-85)	10/L LL5178
LL124	Legal and Social Change since 1750 — Seminar Professor W. R. Cornish	25/MLS	LL5137	LL160	Courts and the Trial Process Professor M. Zander	15/LS LL5020
LL125	Housing Law Mr. R. L. Nobles	5/L	LL5119	LL161	Commercial Law Dr. D. A. Chaikin, Mrs. J. A. Freedman and Mrs. R. G. Schuz	40/ML LL5050; LL5061
LL126	Administrative Law Dr. C. R. Harlow and Mr. R. W. Rawlings	25/MLS	LL5115	LL162	Elements of Labour Law Mr. R. C. Simpson	20/ML LL5062; LL6112
LL127	Economic Analysis of Law Mr. W. D. Bishop, Dr. B. Hindley, Mr. J. R. Gould and Mr. K. Klappholz	22/ML	LL5136	LL163	Elements of Labour Law Class (for Trade Union Studies course) Mr. R. C. Simpson and Dr. J. Fulbrook	25/MLS
LL128	Women and the Law — Seminar Ms. J. Temkin, Mr. A. G. L. Nicol and Mr. W. T. Murphy	22/MLS	LL5135	LL164	Soviet Law Professor I. Lapenna	10/L
LL129	The Law Relating to Civil Liberties in England and Wales Professor L. H. Leigh, Mr. A. G. L. Nicol and Mr. D. N. Schiff	20/ML	LL5130	LL180	Introduction to Juristic Technique — Seminar Mr. A. G. L. Nicol	10/M
LL140	Sentencing and Treatment of Offenders Professor J. E. Hall Williams	10/M	LL5171	LL181	Obligations I — Seminar Mr. R. W. Rawlings	10/M
				LL182	Obligations II — Seminar (not available 1984-85) Mr. R. W. Rawlings	15/LS
				LL183	Constitutional Theory — Seminar Mr. R. W. Rawlings	10/M

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
LL184	Introduction to the British Constitution Seminar (not available 1984-85)	15/LS	
LL185	Sociology of Law Class Mr. W. T. Murphy	10/M	
LL200	Comparative Constitutional Law I Professor L. H. Leigh and Mr. Creighton	30/MLS	LL6150
LL201	Comparative Constitutional Law II (no longer taught at LSE) Mr. L. A. Wolf-Phillips, Professor Read and Dr. Slinn	45/MLS	
LL202	French Administrative Law: a Comparative Study (not available 1984-85) Dr. C. R. Harlow	20/LS	
LL203	Company Law Professor Lord Wedderburn	28/MLS	LL6076
LL204	The Law of Personal Taxation Mrs. R. G. Schuz	30/MLS	LL6101
LL205	The Law of Business Taxation Mrs. J. A. Freedman	33/MLS	LL6100
LL206	The Law of Restitution Professor W. R. Cornish and Mr. B. R. Green	30/MLS	LL6085
LL207	Monopoly, Competition and the Law Mr. W. D. Bishop and Dr. Korah	30/MLS	LL6032
LL208	E.E.C. Competition Law Mr. W. D. Bishop and Dr. Korah	30/MLS	LL6031
LL209	The Principles of Civil Litigation Sir Jack Jacob and Professor M. Zander	35/MLS	LL6010
LL210	Comparative Criminal Law and Procedure Professor L. H. Leigh	30/MLS	LL6120
LL211	Soviet, East European and Mongolian Law Professor I. Lapenna and Professor Butler	30/MLS	LL6176
LL212	Comparative Family Law Ms. J. Temkin, Professor I. Lapenna and Mr. D. C. Bradley	28/MLS	LL6018
LL213	Law of International Institutions Professor R. Higgins and Dr. P. W. Birnie	28/MLS	LL6048
LL214	Law of European Institutions Mr. T. C. Hartley, Professor Butler and Dr. N. March-Hunnings	23/MLS	LL6049
LL215	European Community Law Mr. T. C. Hartley	15/LS	LL6015

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
LL216	International Law of the Sea Dr. P. W. Birnie	30/MLS	LL6060
LL217	The International Law of Natural Resources Professor R. Higgins	28/MLS	LL6057
LL218	International Economic Law Dr. D. A. Chaikin	30/MLS	LL6054
LL219	International Business Transactions Mr. T. C. Hartley, Mr. I. G. F. Karsten and Professor F. G. Jacobs	30/MLS	LL6033
LL220	Intellectual Property Professor W. R. Cornish and Mr. D. Llewellyn	30/MLS	LL6075
LL221	Theoretical Criminology Professor J. E. Hall Williams, Mr. J. Freeman and Mr. Lynch	30/MLS	LL6121
LL222	Applied Criminology Professor J. E. Hall Williams and others	30/MLS	LL6122
LL223	Sentencing and the Penal Process Professor J. E. Hall Williams, Dr. Saeed and Mr. Lynch	30/MLS	LL6124
LL224	Law of Management and Labour Relations Professor Lord Wedderburn	28/MLS	LL6111
LL225	Individual Employment Law Mr. R. C. Simpson and Dr. J. Fulbrook	25/MLS	LL6110
LL226	Human Rights — Seminar Professor R. Higgins and Mr. Duffy	28/MLS	LL5132; LL6052
LL227	Economic Analysis of Law (Graduate Course) Mr. W. D. Bishop	49/MLS	LL6030
LL230	Problems of Civil Litigation — Seminar Sir Jack Jacob and Professor M. Zander	8/MLS	LL6010
LL231	Problems in Taxation — Seminar Professor A. R. Prest and Mr. Avery-Jones	80/LS	Ec2435
LL232	Diploma in Criminal Justice Class Professor J. E. Hall Williams	10/ML	
LL233	Multinational Enterprise and the Law Mr. P. T. Muchlinski	28/MLS	LL6061
LL234	Marine Insurance Professor A. Diamond and Mr. P. T. Muchlinski	26/MLS	LL6142

LL235	Public Interest Law Dr. C. R. Harlow and Mr. R. W. Rawlings	30/MLS	LL6156
LL236	Carriage of Goods by Sea Professor A. L. Diamond	30/MLS	LL6140
LL237	Planning and Environmental Control Professor Jowell (U.C.) and Mr. M. Loughlin	30/MLS	

LAW

Labour Law

Teacher Responsible: Mr. R. C. Simpson, Room A461 (Secretary, Rosemary Maund, A304)

Course Intended Primarily for Trade Union Studies Course.

Scope: The aim of the course is to examine the law in British industrial relations concentrating on those aspects of particular interest and importance to trade unions and trade unionists.

Syllabus: Collective labour law: Trade unions 'right to organise': Legal status of trade unions; legal support for the right to organise and the right not to belong; time off work for union activities; the closed shop. Internal union management: admission and expulsion; union democracy; union political activities; inter-union relations - 'Bridlington' and the law. Collective bargaining and the law: union recognition; union rights to disclosure of information and consultation on redundancies. Strikes, other forms of industrial action and the law: picketing and workplace occupations; civil liabilities for organising and taking part in industrial action; state emergency powers. Individual labour law: Contracts of employment and collective agreements. Employee's rights: pay; hours - time off work; sickness - sick pay, holidays. Discrimination at work on grounds of race and sex. Termination of employment: unfair dismissal; redundancy rights. Health and safety at work.

Teaching Arrangements: Lectures: LL162
Elements of Labour Law 20 Michaelmas and Lent Terms.

Classes: LL163 25 Sessional.

The lectures and classes are complementary. The classes will follow the lectures and cover the topics in the same order. Classes will normally be conducted on the basis of general discussion of a particular topic.

Reading List: The following are relevant throughout the course and are recommended for purchase: Lewis & Simpson, *Striking a Balance? Employment Law after the 1980 Act*; McMullen, *Rights at Work*.

Examination Arrangements: None.

LL164

Soviet Law

Teacher Responsible: Professor I. Lapenna, Room K300 (Secretary, Mrs Pam Hodges, A369)

Course Intended Primarily for B.Sc. (Econ.) Part II, esp. XXII Russian Government, History and Language; Diploma in Int. and Comp. Politics; M.Sc.; graduate students of law and others interested.

Scope: The aim of the course is to introduce students to the essential features of Soviet law with emphasis on the relationship between politics and law in the U.S.S.R.

Syllabus: Soviet interpretations of the Marxist doctrine of State and law; unity of the legal system and the position of public international law; ideology and reality as reflected in Soviet constitutions 1918-1977 (and up to date); sovereignty: national, political, legal, state, limited (Brezhnev doctrine), as a tool of Soviet domestic and foreign policy; human rights in theory and practice; Soviet concept of constitutionality and legality; basic principles of criminal law and procedure, political and economic crimes; legal aspects of State planning.

Pre-Requisites: Knowledge of Russian is useful, but not necessary.

Teaching Arrangements: One lecture of one hour per week, Lent Term (**Professor Lapenna**).

Written Work: One essay of about 2500-3000 words.

Reading List: *Students are advised to buy:* I. Lapenna, *Marxism and the Soviet Constitutions*; *Soviet Penal Policy*; L. Schapiro, *The Government and Politics of the Soviet Union*.

Other books: W. E. Butler, *Soviet Law*; A. Denisov & M. Kirichenko, *Soviet State Law*; J. N. Hazard, *Communists and Their Law*; I. Lapenna, *State and Law: Soviet and Yugoslav Theory*; H. J. Bermann, *Soviet Criminal Law and Procedure*; Constitution of the U.S.S.R. of 1977 (latest edition).

Supplementary Reading List: D. D. Barry & Others (Eds.), *Soviet Law After Stalin*; K. Grzybowski, *Soviet Public International Law*; H. Kelsen, *The Communist Theory of Law*; R. Sharlet, *The New Soviet Constitution of 1977*; E. B. Pashukanis, *Law and Marxism: A General Theory*.

Examination Arrangements: There is no separate examination in this subject, but the knowledge acquired during the course may help students to improve their examination answers in other subjects concerned with the course.

LL231

Problems in Taxation

Teacher Responsible: Professor A. R. Prest, Room S277 (Secretary, Barbara Hammond, S276)

Course Intended Primarily for LL.M. and M.Sc. (Econ.)

Scope: The aim of the course is to discuss tax problems which are of interest to both lawyers and economists.

Syllabus: The precise topics for the seminars are chosen each year from subjects of current interest. Discussion is often centred around recent official or semi-official publications.

Teaching Arrangements: Fortnightly seminars of 1½ hours each, Lent and Summer Terms.

Reading List: There is no fixed list, selections being made from year to year on the basis of topicality.

Examination Arrangements: There is no separate examination but the knowledge acquired may help to improve examination answers in other taxation courses.

LL5000

English Legal System

Teacher Responsible: Professor Michael Zander, Room A457

(Secretary, Angela White, A303)

Course Intended Primarily for Intermediate LL.B. and General Course.

Scope: The aim is to introduce students to the basic features of the legal system together with some basic concepts as to the nature of law and its connection with social science.

Syllabus:

The Law-Making Process (LL103):

(a) Making the Law: sources of law; custom; precedent; statutes and statutory interpretation.

(b) Changing the Law: the machinery of law reform; codification.

Law and the Social Sciences (LL104):

Ways of looking at law; the relation of legal theory to social theory.

(i) The problem of order; conflict and dispute processes.

(ii) The treatment of law in social theory – the external view.

(iii) Lawyers' theories of law – the internal view.

Courts and Litigation (LL105):

(a) The courts: their structure, organization, jurisdiction. Tribunals.

(b) Pre-trial: (1) Civil: interlocutory proceedings, pleadings, delay. (2) Criminal: investigation of crime by the police: police powers of search; arrest; bail; role of the judge.

(c) The trial: Police and Criminal Evidence Act 1984, procedure in civil and criminal trials; rules of evidence; The jury. Remedies; enforcement of judgements. The appeal process. The costs of litigation; legal aid; right to counsel.

(d) The legal profession; judges, barristers and solicitors.

Pre-Requisites: None.

Teaching Arrangements: There are three lecture courses, each accompanied by a class, as follows:

Lectures:

LL103 **The Law Making Process** (10 Michaelmas).

LL104 **Law and the Social Sciences** (10 Michaelmas).

LL105 **Courts and Litigation** (22 Lent and Summer).

Classes:

For LL.B. Intermediate

LL103a (10 Michaelmas) – weekly in a large group. The lecture group will be divided into four groups by alphabetical order.

LL104a: 10 classes in the Michaelmas Term fortnightly.

LL105a: 13 classes in the Lent and Summer Terms.

Written Work: This depends on each class teacher, but students should expect to do about 4-6 pieces of written work during the year.

Reading List: For LL103 the basic text (which should be bought) is Michael Zander, *The Law Making Process*.

For LL104 the reading consists of materials handed out to students at the beginning of the course in mimeograph form.

For LL105 the basic text (which should be bought) is Michael Zander, *Cases and Materials on the English Legal System*. In addition students will be directed to parts of the *Report of the Royal Commission on Criminal Procedure* (1981, Cmnd. 8092).

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus for all three lecture courses. The paper is divided into three sections. Section A, based on LL104 has four questions and students are required to answer one. Section B, based on LL103, similarly has four questions and students are required to answer one. Section C, based on LL105, has seven questions of which students must answer two. It is vital to answer four questions in all and they must be from

sections as indicated above. Past papers can be obtained from the Library, from Professor Zander or from his secretary.

LL5001

Law of Contract

Teacher Responsible: Mr. I. G. F. Karsten, Room A362 (Secretary, A302)

Course Intended Primarily for LL.B. students, first year.

Scope: The aim of the course is to introduce students to the basic principles of the law of contract and critically to review the extent to which those principles meet the needs of society.

Syllabus: Offer and acceptance; consideration; intention to create legal relations; certainty; privity; contents of a contract; exemption clauses; duress and unconscionability; misrepresentation; mistake; frustration; illegality; remedies.

Pre-Requisites: There are no pre-requisites for the course.

Teaching Arrangements: The course is taught by means of two lectures (LL101) per week and one class (LL101a) per week. The lectures will be given by a number of different lecturers, but each class will have the same teacher throughout the year. The basic work is done through the classes, and the lectures are designed to introduce the topics on the syllabus, introduce new insights if possible, and encourage critical thinking. Class teachers will give out reading lists in advance of the classes, and these must be fully prepared by students. Lecture notes will also be given out to help students to follow the lectures. In addition, each student will receive a compilation of problems together with past examination papers.

Written Work: This will be set, marked and returned by each class teacher. Normally, a student will be expected to produce two pieces of written work in his first term and two pieces of written work in the second term. The written work will consist either of any essay or of a problem.

A mock examination is set at the beginning of the second term. It covers work up to the date of the examination, and is conducted under examination conditions, but lasts only one and a half hours (as compared to three hours for the actual examination). The purpose of the mock examination is to enable students to

monitor their own progress as well as to give their class teachers an opportunity of ensuring that progress is being maintained. Each class teacher marks his own class students' papers. The marks do not in any way count towards the final assessment of the student.

Reading List: Students should follow the advice of their class teachers as to the books to be read. The books most commonly used are the latest editions of Treitel, *Law of Contract*; and Cheshire and Fifoot, *Law of Contract*; as well as Smith & Thomas, *Casebook on Contract*.

Examination Arrangements: There is a three hour formal examination in the Summer Term, based on the full syllabus. The paper contains ten questions, four in section A and six in section B. Section A consists of essay questions focusing on policy, reform and critical analysis. Section B consists of problems. Four questions must be answered, of which one at least must be from section A and at least two from section B. Candidates will be provided with copies of the Unfair Contract Terms Act 1977. It is important to answer the four questions; no credit is given for a fifth answer, and one quarter of the marks are awarded for each of the four answers. If a student finds himself short of time, it is better to answer the fourth question in note form than not to answer it at all. As to the questions in section A, it is essential that students answer the precise question asked, and do not use the question as an excuse for showing their knowledge about aspects of the topic which are not directly raised by the question. Students should note that one question may cover several topics. Copies of previous years' papers will be found at the end of the compilation of problems referred to above.

There is a resit examination in this paper in September.

LL5002

Law of Property I

Teacher Responsible: Mr. W. T. Murphy, Room A361 (Secretary, Pam Hodges, A369)

Course Intended Primarily for LL.B. Intermediate.

Scope: To introduce students to the fundamental concepts of the English law of property with special reference to land law.

Syllabus: Real and Personal Property compared; the interaction of rights and remedies; the basic concepts of real property; the conveyancing framework; the law of leases; mortgages; easements; covenants; the family home.

Pre-Requisites: There are no pre-requisites but a knowledge of modern English social history is an advantage.

Teaching Arrangements: One lecture course (LL102) of between 40 and 44 lectures accompanied by a weekly class (LL102a).

Reading List: Megarry (Hayton Ed.), *Manual of Real Property Law* (6th edn.); and either: Gray and Symes, *Real Property and Real People*; or Murphy and Clark, *The Family Home*.

Students may find it useful to read John Scott, *The Upper Classes* (Macmillan 1982); before or upon commencing this course.

Examination Arrangements: There is a three hour formal examination in the Summer Term on which the entire assessment for the course is based.

LL5003

Public Law: Elements of Government

Teacher Responsible: Dr. C. R. Harlow, Room A463 (Secretary, Jane Heginbotham, A371)

Course Intended Primarily for first year LL.B. students but those studying Government, Public Administration and Social Administration may find the lectures valuable – particularly those given by visiting speakers in the Michaelmas Term.

Scope: The course covers central and local government, Parliament, and the law relating thereto, especially judicial review of administrative action.

Syllabus:

- (1) The special characteristics of public law in England.
- (2) The institutions of government: (a) The Prime Minister, the Cabinet, the central government departments. The civil service. (b) Local authorities: their staff. (c) Public corporations: their staff. (d) Parliament: its composition, functions and privileges. Ministerial responsibilities. Representation. Elections. (e) The Judiciary: its constitutional position.
- (3) The process of government: The administrative process: its characteristics. The working of government. The functional relations between the institutions of government. The royal prerogative. The

legislative process: its characteristics, pre-parliamentary and parliamentary. Subordinate legislation. Private Bills. The judicial process: its characteristics. The impact of the courts on the process of government. Administrative tribunals.

Teaching Arrangements: Lectures (LL100): Michaelmas and Lent Terms – twice weekly in Michaelmas, once weekly in Lent. Classes (LL100a): Sessional – weekly. Teachers: Carol Harlow, Joe Jacob, and Richard Rawlings.

Written Work: will be indicated by the class tutor. At least two essays will be required to be written during each of the Michaelmas and Lent Terms.

Reading List: Students should buy: either T. C. Hartley & J. A. G. Griffith, *Government and Law* (2nd edn. 1981); or S. A. de Smith, *Constitutional and Administrative Law* (4th edn. 1981).

They will also find useful: G. Wilson, *Cases & Materials in Constitutional and Administrative Law* (2nd edn. 1976).

Supplementary Reading List: R. F. V. Heuston, *Essays in Constitutional Law* (2nd edn.); J. P. Mackintosh, *Government & Politics in Britain* (4th edn.); *The British Cabinet* (3rd edn.); A. H. Hanson & M. J. Walles, *Governing Britain*; S. A. Walkland & M. J. Ryle (Ed.), *The Commons Today*; J. A. G. Griffith, *The Politics of the Judiciary* (2nd edn.); L. S. Amery, *Thoughts of the Constitution*; B. Crick, *The Reform of Parliament*; R. T. McKenzie, *British Political Parties* (2nd edn.); R. Miliband, *The State in Capitalist Society*; *Marxism and Politics*; Joe Haines, *The Power of Politics*; John Whale, *The Politics of the Media*; B. Sedgmore, *The Secret Constitution*; Lord Hailsham, *The Dilemma of Democracy*; N. Johnson, *In Search of the Constitution*.

Examination Arrangements: Normal three hour written examination.

LL5020

English Legal Institutions

Teacher Responsible: Professor Michael Zander, Room A457 (Secretary, Angela White, A303)

Course Intended Primarily for B.Sc. (Economics) Part I and II; B.A./B.Sc. Degree in the Faculties of Arts and Economics.

Scope: The aim is to introduce students to the basic features of the legal system.

Syllabus: Sources of law; case law and the theory of binding precedent; legislation and

statutory interpretation; custom. Reform of the law and codification. The organization of the courts; their jurisdiction and the types of cases with which they deal. Administrative tribunals. Civil and criminal cases, including an outline of pre-trial proceedings; evidence and procedure. The personnel of the law including judges, magistrates, juries, barristers and solicitors. Legal aid and advice. Appeals. Students are not expected to have any knowledge of the substantive rules of law in contract, tort, criminal law or in the other branches of the law.

Pre-Requisites: None.

Teaching Arrangements: There are two lecture courses, each accompanied by a class, as follows:

Lectures:

LL103 The Law Making Process (10M)

LL160 Courts and the Trial Process (12LS)

Classes:

LL103b: Weekly Michaelmas

LL160a: Weekly Lent and Summer

Written Work: Depends on class teacher, but usually four or so pieces of written work.

Reading List: For LL103 the basic text (which should be bought) is Michael Zander, *The Law Making Process*.

For LL160 the basic text (which should also be bought) is Michael Zander, *Cases and Materials on the English Legal System*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus. The paper has two sections. Section A has four questions based on LL103 of which students must answer not less than one. Section B based on LL160 has seven questions of which students must answer at least two. Five questions must be completed.

issues surrounding both principles and offences are also discussed.

Syllabus: Mens rea; actus reus; defences to crime; strict liability; parties to crime; homicide; defences to murder; infanticide; rape; incest; theft; fraud as dealt with in the Theft Acts 1968 and 1978; handling stolen property; robbery (in outline only); blackmail (in outline only); forgery (in outline only).

Pre-Requisites: The course is compulsory for LL.B. Part I students. There are no pre-requisites for it.

Teaching Arrangements: Teaching is by weekly seminar (LL107) lasting for two hours. Detailed reading lists are provided and students are expected to be fully prepared beforehand in order to be able to participate. There will be seven seminar groups. Three of these will be taken by Ms. Temkin, two by Professor J. E. Hall Williams (office number A504) and two by Professor L. H. Leigh (office number A540)

Written Work: This will be set by the teacher in charge of the seminar. A minimum of two pieces of written work will be required, usually one essay and one problem.

Reading List: Students will be expected to have read the relevant chapters on the topics set out above under Syllabus in one of the two major textbooks, viz. Glanville Williams, *Textbook of Criminal Law*; J. C. Smith & B. Hogan, *Criminal Law* (1978). They will also be expected to read all cases and materials marked as primary on the detailed reading lists provided. Additional reading in the shape of cases and materials designed as secondary is also set out on the reading sheets.

Examination Arrangements: One three-hour paper. Four questions to be answered out of nine.

LL5041

Law of Tort

Teacher Responsible: Mr. I. G. F. Karsten, Room A362 (Secretary, A302)

Course Intended Primarily for LL.B. students, 2nd year.

Scope: The aim of the course is to introduce students to the principles of English law governing civil wrongs known as torts and critically to review the extent to which those principles meet the needs of the society.

Syllabus: *Introduction:* the interests protected by the law of tort; the bases of liability; the efficiency of the law of tort as a means of compensation for personal injuries; alternative

LL5040

Criminal Law

Teacher Responsible: Professor L. H. Leigh, Room A541 (Co-ordinating Member of Staff) (Secretary, Mrs. S. Hunt, A304)

Courses Intended Primarily for LL.B. Part I students.

Scope: The aim of the course is to provide a grounding in the general principles of criminal law and to examine the application of these principles to certain specific offences. Policy

schemes of compensation.

International torts causing personal injuries: trespass to the person; the relationship between trespass and negligence; assault; battery; *Wilkinson v. Downton*; defences to intentional torts.

Negligence causing personal injuries: the rise of negligence; elements of the tort; the duty of care; the standard of care; *res ipsa loquitur*; nervous shock; remoteness of damage; occupiers' liability contributory negligence; *violent non fit injuria*; principles of assessment of damages; reform generally.

Additional functions of the law of tort: nuisance; *Rylands v. Fletcher*; fire; conspiracy; intimidation; inducing breach of contract; statements causing economic loss; deceit; injurious falsehood; negligent statements; liability for economic loss caused by negligence; false imprisonment; abuse of process and malicious prosecution; defamation.

Other topics: joint tortfeasors; vicarious liability; breach of statutory duty; abuse of rights; remedies for maladministration.

Pre-Requisites: Students must have passed the intermediate LL.B. examination.

Teaching Arrangements: The course is taught by means of two lectures (LL106) per week and one class (LL106a) per week. The basic work will be done through the classes, with the same class teacher being responsible for his class throughout the course. The lectures are intended to supplement rather than duplicate the classes: they will be given by a number of different lecturers, who will introduce particular topics forming part of the syllabus, with the intention of stimulating further thought.

It follows that the lectures will not cover the entire syllabus, although they will cover a substantial part of it. The classes will cover most of the syllabus, but there may be one or two minor topics which will only be covered in the lectures.

Written Work: This will be set by class teachers who will mark and return the work. Normally, a student will be expected to produce two pieces of written work in the first term of the course and two pieces of written work in the second term. The written work will normally consist either of an essay or of a problem.

Reading List: Students are strongly recommended to take the advice of their class teacher as to the books to be read. The books most commonly used are the latest editions of Winfield & Jolowicz, *Law of Tort*; and Salmond, *Law of Torts*; together with Atiyah, *Accidents, Compensation and the Law*; but each class teacher will give his students

detailed guidance.

Examination Arrangements: There is a 3 hour formal examination in the Summer Term, based on the full syllabus for the course. The paper contains ten questions, five in section A and five in section B. Section A contains essay questions involving issues of policy, reform and critical analysis. Section B contains problems. Four questions have to be answered, of which one at least must be from section A and at least one must be from section B. It is important to answer the four questions; no credit is given for a fifth answer, and one quarter of the marks are awarded for each of the four answers. Students who find themselves running out of time during the examination would do better to tackle a fourth question by answering in note form rather than by not answering at all. In relation to the questions in section A, it is essential that students address themselves to the exact question asked, and do not use the question as an excuse for showing their knowledge about aspects of the topic which are not directly raised by the question. Students should note that one question may cover several topics. Copies of the 1981 and 1982 papers will be distributed to all students taking the course.

There is a resit examination in this paper in September.

LL5060

LL5061

Commercial Law (title for course unit degree: Elements of Commercial Law)

Teacher Responsible: Dr. D. A. Chaikin, Room A359 (Secretary, Pam Hodges, A369)

Course Intended Primarily for B.Sc. (Economics) Part II students. B.Sc. (Management Sciences) 2nd or 3rd year. Diploma in Accounting. Diploma in Business Studies.

Scope: The aim of this course is to introduce non-law students to the fundamental principles and problems of contract law, company and revenue law.

Syllabus:

(1) Contract: essentials of a valid contract; capacity; privity; content; factors of invalidation; discharge; remedies.

(2) Company Law: incorporation; constitutional documents; ultra vires doctrine;

liability of the company; directors; majority rule and minority protection; maintenance of capital.

(3) Revenue Law: tax avoidance and tax evasion; income tax and corporation tax; capital gains tax and capital transfer tax.

Pre-Requisites: There is no pre-requisite law subject for this course.

Teaching Arrangements: Each week for twenty weeks there are two lectures (LL161) of one hour duration, accompanied by a class (LL161a).

Lectures:

Contract - R. Schuz and J. Freedman
Company - D. Chaikin and J. Freedman
Revenue - J. Freedman

Equal time will be devoted to contract, company and revenue. (7 weeks each).

Classes: Selected problems and essays will be discussed in class.

Reading List: (1) Recommended: G. H. Treitel, *An Outline of the Law of Contract*; Northey & Leigh, *Introduction to Company Law*; Pinson, *Revenue Law*.

Supplementary Reading List: G. H. Treitel, *The Law of Contract*; G. C. Cheshire and C. H. S. Fifoot, *The Law of Contract*; L. C. B. Gower, *The Principles of Modern Company Law*.

Examination Arrangements: There is a three hour formal examination in the Summer Term, based on the full syllabus. The paper contains eleven questions, of which four are to be answered. The examination counts for 100% of the assessment of the course.

LL5062

Elements of Labour Law

Teacher Responsible: Mr. R. C. Simpson, Room A461 (Secretary, Rosemary Maund, A304)

Course Intended Primarily for 2nd or 3rd year B.Sc. (Econ.) Part II & B.Sc. Management Sciences.

Scope: The aim of the course is to examine the role of the law in British industrial relations. It is divided into two parts. The first covers collective labour relations between trade unions and employers. The second is concerned with the individual labour relationship between each individual worker and his or her employer.

Syllabus: Collective labour law:

Trade unions' organisational rights; legal status of trade unions; the individual right to

organise and right to dissociate; time off work for union activities; the closed shop.

Internal trade union management: admission and expulsion; members' rights; union democracy; union political activities; mergers, inter-union relations.

Collective bargaining and the law: union recognition; legal status of collective agreements; disclosure of information; "fair wages"; wages councils.

Legal regulation of strikes and other forms of industrial conflict: picketing; individual workers' rights; civil liabilities for organising industrial action; state emergency powers.

Individual labour law:

Legal nature of individual employment relationship; employees contrasted with self-employment; relationship of individual contract to collective agreements.

Individual rights during employment: pay; hours - time off work; holidays; sickness - statutory sick pay.

Discrimination in employment: women's rights - equal pay, sex discrimination, maternity; discrimination on racial grounds.

Termination of employment: different types of termination; rights of dismissed employees - wrongful dismissal, unfair dismissal, redundancy.

Health and Safety at work.

Pre-Requisites: While any previous knowledge and/or experience of the law in industrial relations is an advantage it is NOT essential.

Teaching Arrangements:

Lectures: LL162 Elements of Labour Law 20 Michaelmas and Lent.

Classes: LL162a 20 Michaelmas and Lent.

The lectures and classes are complementary. The lectures will cover all the above syllabus. The classes will follow the lectures and cover the topics in the same order as the lectures.

Students will be required to do one piece of written work in each term. Classes will normally be conducted on the basis of general discussion of a particular topic.

Written Work: See above.

Reading List: Students are advised to purchase the following: Lewis & Simpson, *Striking a Balance? Employment Law after the 1980 Act*; Kahn Freund, *Labour and the Law*.

They should consult the following regularly: Davies & Freedland, *Labour Law. Text & Materials*; Hepple & O'Higgins, *Employment Law*.

Supplementary Reading List: Elias, Napier & Wallington, *Labour Law. Cases and Materials*; Wedderburn, *The Worker and the Law*; Rideout, *Principles of Labour Law*; McMullen, *Rights at Work*. The "Donovan" Report of the Royal Commission on Trade Unions and Employers' Associations.

Examination Arrangements: There is a three hour formal examination in the Summer Term based on the syllabus above. The paper contains 10 questions of which 4 have to be attempted.

LL5100

Jurisprudence

Teacher Responsible: Mr. D. N. Schiff, Room A460 (Secretary, Pam Hodges, A369)

Course Intended Primarily for 3rd year LL.B. students.

Scope: Introduction to philosophy of law and to topics in moral and political philosophy of special interest to lawyers.

Syllabus: Philosophy of Law: Theories of Aquinas, Austin, Hart, Fuller, Kelsen, Olivecrona, Dworkin.

Political Theory: Theories of Mill, Marx, Hayek and Rawls.

Selected issues: Role of Courts in a democracy, theories of punishment, obligation and obedience to law, limits of the criminal law.

Pre-Requisites: None.

Teaching Arrangements: 2 lectures (LL108) each, 1 class (LL108a) each.

Written Work: Students are encouraged but not required to write one essay each term.

Reading List: Austin, *Province of Jurisprudence Determined*; Hart, *The Concept of Law*; Kelsen, *The Pure Theory of Law*; Dworkin, *Taking Rights Seriously*; Fuller, *The Morality of Law*; Mill, *On Liberty*; Hayek, *The Constitution of Liberty*; Marx, Selections in *Marx and Engels on Law*; Rawls, *A Theory of Justice*; Devlin, *The Enforcement of Morals*; Bickel, *The Least Dangerous Branch*; Hart, *Punishment and Responsibility*.

Examination Arrangements: 3 hour formal examination in Summer Term.

LL5105

Property II

Teacher Responsible: Mr. W. T. Murphy, Room A361 (Secretary, Pam Hodges, A369)

Course Intended Primarily for LL.B. Part I and II.

Scope: The aim of the course is to explore key conceptual problems and policy issues in Equity and the Law of Trusts.

Syllabus: The general principles of the law of

trusts: the formation of private and charitable trusts. Discretionary and Protective Trusts. Implied constructive and resulting trusts. The administration of a trust. Duties and discretions of trustees. Breach of trust and remedies therefor. The general nature of equitable principles and remedies. Historical and contemporary social and economic functions of the trust form: the trust and wealth accumulation; the trust and tax-avoidance.

Pre-Requisites: A knowledge of land law and the distinction between law and equity is essential.

Teaching Arrangements: One lecture course (LL110) of between 40 and 44 lectures accompanied by a weekly class (LL110a).

Reading List: D. B. Parker & A. R. Mellows, *The Modern Law of Trusts*; R. H. Maudsley & E. H. Burn, *Cases and Materials on Trusts and Trustees*; J. A. Nathan & O. R. Marshall, *Cases and Commentary on the Law of Trusts*.

Examination Arrangements: There is a three hour formal examination in the Summer Term on which the entire assessment for the course is based.

LL5110

Mercantile Law

Teacher Responsible: Andrew Nicol, Room A456 (Secretary, Mrs Jane Heiginbotham, A371)

Course Intended Primarily for LL.B. students - generally in 3rd year.

Scope: A study of selected commercial law topics presently, sale of goods, agency and consumer credit.

Syllabus: *Sales:* all aspects of sale of goods, but particularly implied terms, consumer protection legislation, the passing of property in goods and transfer of title by non-owners, remedies.

Agency: the acquisition, use and loss of an agent's authority to act on behalf of a principal; rights and remedies of agents and principals between themselves and towards third parties.

Consumer Credit: common law background and Consumer Credit Act 1974 with particular emphasis on hire purchase and conditional sales.

Pre-Requisites: Knowledge of Contract essential; Tort and equity very useful.

Teaching Arrangements: There will be two lectures (LL114) a week and weekly classes (LL114a). Andrew Nicol teaches both. An outline with main topics, cases and other references is distributed at the beginning of

each of the three sections. Work sheets are given out for each class.

Lectures: Rooms and times to be announced.
Classes: Rooms and times to be announced.

Written Work: Generally three pieces (problem and essays) in the course of the year will be set and discussed in classes.

Reading List: 1. **Textbooks:** Sweet & Maxwell's, *Commercial Law Statutes*; Atiyah, *The Sale of Goods* (6th edn.); Fridman's, *Law of Agency* (5th edn.); Diamond, *Consumer and Commercial Credit*.

2. **Reference:** Bejamin's, *Sale of Goods* (2nd edn.); Cranston, *Consumers and the Law* (2nd edn.); Miller & Lovell, *Product Liability*; Markesinis & Munday, *An Outline of the Law of Agency*; Bowstead on *Agency* (14th edn.); R. Powell, *The Law of Agency*; S. J. Stoljar, *The Law of Agency*; Goode, *The Consumer Credit Act, A Student's Guide*; *Commercial Law* (1982).

This will be supplemented by reference to articles and other books in the lecture outline.
Examination Arrangements: Students have a choice of methods of assessment. They may opt either for a 3 hour examination at the end of the year; or to write 3 essays during the course of the year.

The 3 essays: are each of about 3000 words and coincide with the three sections of the course. The title must be chosen from a list given out approximately 4 weeks after lectures on the relevant section commence. There is about a month between this time and the deadline for the submission of the essay. A short oral exam is held in mid-May.

The examination: The paper is divided into three sections, corresponding approximately to the sections of the course. Each section has both essay and problem questions. At least one of the four questions required must be taken from each section. Prescribed statutes can be taken into the exam.

Students wishing to write the essays must make their choice known by the beginning of November, but can change their minds and decide to take the examination up to the beginning of the Lent Term.

LL5111

Law of Business Associations

Teacher Responsible: Dr. D. A. Chaikin, Room A359 (Secretary, Pam Hodges, A369)

Course Intended Primarily for 3rd year LL.B. Part II students.

Scope: This course considers the main legal principles governing the various types of enterprises carrying on business in England. It will cover the main incidents of the law of partnership and registered corporations. It will also briefly refer to other special types of associations such as unincorporated associations, unit trusts, insurance companies and Trustee Savings Banks.

Syllabus:

(1) *Partnership:* The nature of partnership; relation of partners externally and *inter se*; partnership property; dissolution of partnership.

(2) *Basic Company Law:* (a) Introduction to history of company law and company law reforms; company administration. (b) Types of companies and their functions; the process of incorporation; preincorporation contracts; corporate personality. (c) Constitution; the doctrine of ultra vires; the contract in the articles; the liability of the company in contract, tort and crime; the distribution of power in a company. (d) Duties of directors, fraud on the minority, class rights. (e) Company finance - classes of securities, floating charges; maintenance of capital; regulation of public offers. (f) Reconstruction, Mergers, Winding Up and Takeovers. (g) Enforcement of Company Law, Investigations.

Pre-Requisites: Some background knowledge of contract and agency principles, as well as trust law, is desirable but not essential.

Teaching Arrangements: There are 35 lectures (LL117), two lectures per week, each accompanied by a class (LL117a) as follows:

Lectures: D. Chaikin and J. Freedman
Classes: D. Chaikin, J. Freedman, and R. Schuz

Selected essay questions and problems in partnership (7 lectures) and company law (28 lectures) will be discussed in class.

Written Work: There will be two written assignments each term.

Reading List: Recommended: Northey & Leigh's, *Introduction to Company Law* (2nd edn. 1981); Gower's, *Principles of Modern Company Law* (4th edn. 1979) and Supplement (1981); Underhill's, *Principles of the Law of Partnership* (11th edn. 1981); *The Company Lawyer*, (bi-monthly periodical, Oyez Longman).

Supplementary Reading List: L. S. Sealy, *Cases and Materials on Company Law* (2nd edn. 1978); H. R. Hahlo, *Casebook on Company Law* (2nd edn. 1977); Butterworths, *Company Law Handbook* (3rd edn. 1982); Sweet and Maxwell, *Companies Act* (1st edn. 1980).
Examination Arrangements: There is a three hour formal examination in the Summer Term, based on the full syllabus. The paper contains 9 questions of which 4 must be answered. The paper counts for 100% of the assessment. Student are permitted to bring into the examination their own copies of the *Partnership Act 1890* and the *Companies Acts 1948-1981*.

LL5112

Labour Law

Teacher Responsible: Professor Lord Wedderburn, Room A301, (Secretary, Rosemary Maund, A304)

Course Intended Primarily for LL.B. students. Lectures are also suitable for students studying Labour Law in the M.Sc. (Id115) Diploma in Management Studies and Trade Union Studies. Students taking LL224 (LL.M., Law of Management in Labour Relations) who have inadequate knowledge of up-to-date British labour law, should attend lectures in this course in Michaelmas Term.
Syllabus: (in outline) The contract of employment; "employees" and "workers". Formation and content of the contract. Statutory and common law regulation of obligations and rights of employer and employee. Discrimination in employment. Equal pay. Termination of employment - redundancy; unfair dismissal; notice; remedies. Industrial tribunals.

Collective bargaining and the law. The right to organise; closed shops; recognition of unions and disclosure of information. Statutory support for collective bargaining. Collective agreements.

Trade unions, legal structure and members' rights. Industrial conflict - strikes, lock-outs etc. Trade disputes; social security; conciliation and arbitration.

Pre-Requisites: A good knowledge of the basic legal subjects (especially Contract, Tort, Property and Criminal Law). The option is open to LL.B. students in their second and third year, but most students find it better to study this subject in their third year.

NOTE: Further information is available in the Law Department's annual *Memorandum on*

Options available for Parts I and II of the LL.B. Degree.

Teaching Arrangements: Professor Lord Wedderburn, Mr. R. C. Simpson and Dr. J. Fulbrook normally teach the course. There are normally lectures and classes as follows:
 LL115: 40 lectures, two each week in Michaelmas and Lent Terms.
 LL115(a): 24 classes, one each week in Michaelmas and Lent Terms and 4 in Summer Term.

Reading List: Students should read a basic text book. Usually B. Hepple & P. O'Higgins, *Employment Law* is recommended. They will also need either Butterworth's *Employment Law Handbook* or Sweet and Maxwell's *Labour Relations, Statutes and Materials and Supplement* (plus any statutory material later in date).

Various other works will be recommended in the course, such as O. Kahn-Freund, *Labour and the Law* (ed. P. Davies & M. Freedland); K. W. Wedderburn, *The Worker and the Law*; P. Davies & M. Freedland, *Labour Law, Text and Materials*; R. Lewis & R. C. Simpson, *Striking a Balance? Employment Law After the 1980 Act*; Wedderburn, R. Lewis & J. Clark (Eds.), *Labour Law and Industrial Relations*.
Examination Arrangements: There is a three-hour written examination. Candidates are allowed to take with them into the examination an *unmarked* copy of the statutory materials specified for the relevant year. The paper is normally in two parts and candidates are asked to answer questions in both parts. When answers are required to a certain number of questions, failure to answer that number can lead to failure in the subject even if the answers offered are above the pass level.

LL5113

Law of Evidence

Teacher Responsible: Professor Hall Williams, Room A504 (Secretary, Jane Heginbotham A 371)

Course Intended Primarily for LL.B. Part I or II (Whole Unit)

Scope: This course will appeal to students interested in legal practice, specially those interested in advocacy as members of the bar or solicitors or in preparing and conducting litigation. Although it can be seen as a preparation for the professional examinations it confers no exemption, and the course is more academic than the professional courses, being concerned to examine principles and concepts and to discuss reform of the law. It

is not really suitable for anyone without a basic training in law as it presupposes considerable legal knowledge.

Syllabus:

1. Form of trial at Common Law. Influence of relationship of judge and jury and adversary system on rules of evidence; decline of jury.
2. What may be proved: (i) Facts in issue (ii) fact probative of facts in issue; (iii) facts relevant to reliability and credibility; (iv) facts conditioning admissibility.
3. Rational basis of proof: direct and inferential proof; validity and limitation of circumstantial proof; non-permissible inferences; prejudice; evidence of character of parties and similar facts; *res gestae*.
4. Incidence of proof: burdens; presumptions and standard of proof.
5. Form of evidence: (i) oral testimony: validity and sources of error; attendance of witnesses; competence and compellability; examination in court; techniques developed to test reliability and credibility, specially cross-examination; self serving and inconsistent statements; character and credit of witnesses; position of accused under the Criminal Evidence Acts 1898 and 1979; corroboration (ii) documentary evidence: public, judicial and private documents; discovery; proof of contents and execution; extrinsic evidence; (iii) real evidence. (iv) new scientific and technical forms of proof: tape recorders, lie detectors, medical tests and photographs etc. Importance of the expert witness.
6. Exclusion of unreliable evidence: (i) best evidence rule; (ii) opinion; (iii) hearsay and its exceptions, including further considerations of *res gestae*.
7. Exclusion of evidence on grounds other than reliability: (i) privilege; (ii) state interest; (iii) judicial control of police investigation; confessions and the Judges' Rules; illegally obtained evidence; (iv) identification evidence.
8. Facts which need not be proved: (i) judicial notice; (ii) formal admissions.
9. Facts which cannot be proved: estoppels, by record, deed and in pais.
Pre-Requisites: First year law training, and preferably second year as well. It is better viewed as a final year subject.
Teaching Arrangements: A weekly two-hour seminar in the Michaelmas, Lent and Summer Terms, and a weekly class. Professor Hall Williams presents an outline of the subject during the seminar, and distributes hand-outs. The class is devoted to examination problems. Seminars: LL111 20 Sessional.
Written Work: Essays and past examination questions will be set once or twice in the Michaelmas and Lent Terms.

Reading List: R. Cross, *Evidence* (5th edn.) 1979; R. Cross and N. Wilkins, *An Outline of the Law of Evidence* (5th edn.) 1980; P. B. Carter, *Cases and Statutes on Evidence* (1981).
Examination Arrangements: There will be one three-hour examination.

LL5114

Conflict of Laws

Teacher Responsible: Mr. T. C. Hartley, A467 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL. B. degree.
Scope: This subject concerns the legal problems resulting from a situation which has contacts with more than one country; how does the English legal system deal with international cases of a private (not government-to-government) nature?

Syllabus:

General: Introduction; domicile; jurisdiction; foreign judgements; theories of choice of law; procedure and proof of foreign law; characterisation; renvoi; the incidental question; public policy.

Contact: Proper law doctrine; essential validity; interpretation, effects and discharge of contracts.

Torts: Choice of law; proper law; American doctrines; places of commission of a tort.
Family Law: Formal and essential validity of marriage; polygamy; divorce jurisdiction; recognition of foreign divorces; nullity jurisdiction; recognition of foreign nullity decrees.

Property: Movables and immovables; assignment of movables; matrimonial property.

Succession: Intestate succession; formal and essential validity of wills; construction; administration of estates.

Pre-Requisites: A good knowledge of law; students are not recommended to take this course before their third year of the LL.B. course.

Teaching Arrangements: Lecture course and seminars:

Lectures: LL113 Twice weekly Sessional Classes: LL113a - Michaelmas and Lent Terms.

Reading List: To be bought: J. H. C. Morris, *Conflict of Laws*.

Reference: G. C. Cheshire, *Private International Law*; J. H. C. Morris, *Cases on Private International Law*; A. V. Dicey & J. H. C. Morris, *Conflict of Laws*; Sir Otto Kahn-Freund, *Principles of Private International Law*.

Full reading lists and problem sheets are provided for the seminars and students are expected to work through these in advance. Some topics dealt with in lectures and seminars are not covered in the textbooks. For this reason good attendance is important. **Examination Arrangements:** Normal three hour written examination paper.

LL5115

Administrative Law

Teacher Responsible: Dr. C. Harlow, Room A463 (Co-ordinating Member of Staff) (Secretary, Mrs. J. Heginbotham, A371)

Course Intended Primarily for 2nd or 3rd year LL.B. students.

Scope: The course examines the law relating to public administration and, in particular, the possibilities, limitations and desirability of legal intervention.

Syllabus: History and theories of Administrative Law; the Administrative Process and its characteristics; Administrative Tribunals; Judicial Review and the Ombudsmen; Administrative Compensation and Liability. Special studies will be made of the relationship between Administrative Law and (i) Land Use Planning; (ii) Welfare Benefits; (iii) Immigration Control.

Pre-Requisites: None.

Teaching Arrangements: (1) Seminars (LL126) held weekly. These are conducted by Dr. Harlow and Mr. R. Rawlings (Secretary, Mrs. S. Hunt, A304). (2) Occasional seminars, conducted jointly with visiting speakers in the Lent Term.

Written Work: A minimum of two essays will be required.

Reading List: The standard text is Harlow and Rawlings, *Law and Administration* (1984) which should be bought. Further reading includes the following list. Books marked with an asterisk have two copies available in the Teaching Library. Articles will be recommended and supplied. P. Craig, *Administrative Law* (1983)*; M. Dimock, *Law and Dynamic Administration* (1980)*; K. C. Davis, *Discretionary Justice* (1969)*; G. Ganz, *Administrative Procedures* (1974)*; D. Foulkes, *Administrative Law* (1972)*; Bailey, Cross & Garner, *Cases and Materials in Administrative Law*; J. Beatson & M. H. Matthews, *Cases and Materials in Administrative Law* (1983); M. Partington & J. Jowell, *Welfare Law and Policy*; M. Adler & A. Bradley, *Justice*.

Discretion and Poverty; M. Adler and R. Asquith, *Welfare Law and Discretion*; J. B. Cullingworth, *Town and Country Planning*; P. McAuslan, *Ideologies of Planning Law*; C. Jones, *Immigration and Social Policy in Britain*; L. Grant & I. Martin, *Immigration, Law and Practice*; C. Harlow, *Compensation and Government Torts* (1982); R. Gregory & P. Hutchesson, *The Parliamentary Ombudsman*; N. Lewis & B. Gatheshill, *The Commission for Local Administration: A Preliminary Appraisal*; R. Wraith & P. Hutchesson, *Administrative Tribunals*; R. Wraith & G. Lamb, *Inquiries as an Instrument of Government*.

Examination Arrangements: One three hour examination. The paper will contain nine questions of which four are to be answered.

LL5116

Legislation

Teacher Responsible: Joe Jacob, Room A469 (Secretary, Mrs. S. Hunt, A304)

Course Intended Primarily for LL.B. Parts I and II.

Scope: The examination is by extended essay on a subject of the student's choice and approved by Joe Jacob rather than by a written paper. The teaching is therefore of two types. There is a series of seminars on various aspects of the legislative process. Some of these will be given by outside speakers including, it is hoped as in previous years, Ministers, former Ministers, civil servants (or officials of Parliament). These occasions give students the opportunity to hear and discuss issues with first-hand experts in their fields.

The second aspect of the teaching relates to the essay. The essay itself should throw some new light on the legislative process. This may be done either by a case study of e.g. the passage of a Bill or by examining the operation of a legislative institution. It is to be noted that some of the most rewarding case studies have been on a basis which includes looking at Departmental files at the Public Record Office.

In approving the subject of an essay, account is taken of whether it is within the syllabus and the proposed methodology including the availability of materials. Although Joe Jacob makes every endeavour to be available to discuss or read drafts or parts of drafts of the essay, it is important to note that writing an extended essay imposes a measure of self-discipline on the student in relation to the time table for its submission and his work in other subjects.

Syllabus:

1. Sources of Legislation: Pressure Groups; Royal Commission and Committee Reports; The Law Commission; The Civil Service; Cabinet Committees.
 2. Parliamentary Procedure and Scrutiny of Legislation: Standing Committees; Delegated Legislation; Private Bills; The Role of the House of Lords.
 3. The Role of Private Members: (a) Government Bills and (b) Private Members Bills.
 4. Ethics: Lobbying; Conflict of Interest.
 5. Draftsmanship and Parliamentary Counsel.
 6. Interpretation of Statutes and the Role of the Courts.
 7. Statutory Instruments.
 8. Access to Legislation.
 9. The reform of each of the above matters.
- Pre-Requisites:** There are none beyond entry to Part I.

Teaching Arrangements: Seminar (LL121), two hours each week. See *Scope* above.

Reading List: S. Walkland, *The Legislative Process in Great Britain*; The Renton Report, *The Preparation of Legislation* Cmnd. 6053 (1975); J. A. G. Griffith, *Parliamentary Scrutiny of Government Bills*; A. Barker & M. Rush, *The Member of Parliament and his Information*; B. Crick, *The Reform of Parliament*; A. Hanson & B. Crick (Eds.), *The Commons in Transition*; D. Leonard & V. Harman (Eds.), *The Backbencher and Parliament*; P. Richards, *The Backbenchers*; M. Rush and M. Shaw, *The House of Commons: Services and Facilities*; Thornton, *Legislative Drafting*; Craies, *Statute Law*; Maxwell, *Interpretation of Statutes*; Erskine May, *Parliamentary Practice*; I. Burton & G. Drewy, *Legislation and Public Policy*.

Examination Arrangements: The essay will be about 10,000-12,000 words in length. It is preferred that it is typed. It must be submitted by the end of the Lent Term. There will be an oral examination soon after the beginning of the Summer Term. This will test further the student's knowledge and understanding of the subject on which he has written his essay and the syllabus in general. In assessing the final result both the essay and an oral examination will be taken into account.

LL5117

Local Government Law

Teacher Responsible: Professor J. A. G. Griffith, Room A501 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for 2nd and 3rd year LL.B.

Syllabus: The nature of local government. The development of local government in England and Wales since 1834. The structure of local authorities. The movement for reform in Greater London and elsewhere. The financing of local government. The local government franchise. The composition of local authorities. The committee system and the position of local government officers. The administrative, legislative and judicial powers and procedures as they affect the housing, town and country planning, and education functions of local authorities. Judicial review of administrative action as it affects local authorities. The criminal, contractual and tortious liability of local authorities. The doctrine of *ultra vires*.

Teaching Arrangements: There will be a course of six 2-hourly lectures (LL118) delivered during the first three weeks of the Session. Thereafter supervision is on a one to one basis. Teachers: Richard Rawlings and John Griffith.

Reading List: W. O. Hart, *Introduction to the Law of Local Government and Administration* (9th edn.); R. Buxton, *Local Government* (2nd edn.); C. A. Cross, *Principles of Local Government Law* (5th edn.); J. A. G. Griffith & H. Street, *Principles of Administrative Law* (5th edn.); J. A. G. Griffith, *Central Departments and Local Authorities*; W. A. Robson, *Local Government in Crisis* (2nd edn.); J. F. Garner, *Administrative Law* (4th edn.); S. A. de Smith, *Judicial Review of Administrative Act* (3rd edn.); H. W. R. Wade, *Administrative Law* (4th edn.); P. G. Richards, *The Reformed Local Government System* (revised 3rd edn.); N. P. Hepworth, *The Finance of Local Government* (revised 4th edn.); B. Keith-Lucas & P. G. Richard, *A History of Local Government in the Twentieth Century*.

Examination Arrangements: There will be no examination paper. Instead, each student will be required to write an essay on one subject and to submit to an oral examination on the subject of the essay and its background. The essay will be about 10,000 - 12,000 words in length.

LL5118

Domestic Relations

Teacher Responsible: D. C. Bradley, Room A462 (Secretary, A302)

Other Teachers: R. Rawlings, Room A356 (Secretary, Susan Hunt A304)

Course Intended Primarily for LL.B. 2nd or 3rd year and LL.B. with French Law 4th year.

Scope: The aim of the course is to examine issues of contemporary importance in the law of domestic relations and to investigate the development and policy of this branch of the law.

Syllabus: (a) Introduction: the function and development of domestic relations law; scope of the protective jurisdiction; alternatives to judicial regulation; contracts between spouses and between married cohabitants; procedure and institutions.

(b) Legal marriage: recognition of alternative institutions: polygamous marriages; marriage between affines, transsexual and homosexual capacity; unmarried cohabitation.

(c) Legal intervention during marriage; 'support' for marriage: youthful marriages; financial provision during marriage, assessment of maintenance in small income cases, links with public support schemes; the developing law of matrimonial property; ownership, control and occupation rights; co-ownership schemes; treatment of domestic and other violence; injunctions.

(d) Marriage breakdown: issues of divorce law reform; conciliation and reconciliation; implementation of Part I Matrimonial Causes Act 1973, financial provision and property adjustment on divorce and death; children in divorce; the concept of custody; principles and procedure for the resolution of custody disputes; children caught between two parties; access, adoption and change of name.

(e) Aspects of law relating to children; independence of children in disputes between their parents; extra-marital children; adoption; representation of children; wardship; control of local authorities.

Pre-Requisites: A willingness to exercise independent judgement and commitment to the aims of the course outlined above.

Teaching Arrangements: There is one lecture and one seminar every week.

Lectures:

LL116 Domestic Relations.

Seminar:

LL116(a)

A course outline will be distributed. This will introduce the topics covered in the course, contain case, statute, periodical and other

references and will raise issues for discussion in seminars. It is intended to provide the framework for the course and examination. Students should note that some topics to be discussed in classes will not be covered in lectures and should be prepared to work independently in the first instance where this is the case. Three or more copies of important articles and other material will be on short loan in the Library or otherwise available. **Written Work:** may be required by seminar teachers.

Reading List and Texts: The Course Outline will contain references etc. The recommended texts are either Cretney, *Principles of Family Law* (3rd edn.); or Bromley, *Family Law* (6th edn.); Eekelaar, *Family Law & Social Policy* (2nd edn.); Sweet & Maxwell's, *Family Law Statutes* (3rd edn.).

Examination Arrangements: Three hour examination in the Summer Term. Four questions out of at least ten should be answered. There are no compulsory questions. All questions carry equal marks. The paper is not divided into sections. Students may use their own copy of Sweet & Maxwell's *Family Law Statutes* in the examination in accordance with School and University Regulations.

LL5119

Housing Law

Teacher Responsible: Mr. R. L.

Nobles, Room A539 (Secretary, Colleen Etheridge, A502)

Course Option for Part I and II — LL.B. degree. Students taking this course also have to take LL146 **Law of Landlord and Tenant.**

Scope: This course allows students who have taken **Law of Landlord and Tenant** to look at issues in Housing Law. The seminars introduce the wider context of Housing Law and a number of topics not specifically addressed in **Law of Landlord and Tenant.** The Lent seminars, and the Landlord and Tenant option, provide the background knowledge for a supervised research essay on an area of Housing Law.

Syllabus:

1. *The Housing Context:* The history of urban housing development and the problems that attached to such developments. Development of the twin "codes" of housing law and public health law. Introduction of rent control. The rise of council housing policies. Current housing problems. Definitions of housing problems; causes of such problems. Housing

finance as source of housing problems.

2. *Squatting:* An examination of the development of this self-help remedy to homelessness and the judicial and legislative response.

3. *Housing (Homeless Persons) Act 1977:* A legislative remedy for homelessness. A review of the judicial response.

4. *Council Tenancies:* The duties of local authorities; the rights of tenants; the obligation to re-house; administration of housing estate; eviction procedures.

5. *Owner-Occupation:* A review of the liabilities of mortgagors and mortgagees. Comparison with the landlord and tenant relationship. Consideration of the regulation of building societies.

Teaching Arrangements: Seminars (LL125): Five in the Lent Term.

Reading List: M. Partington, *Landlord and Tenant*; Tiplady, *Housing Welfare Law*; Hudson, *On Building Contracts*; Enid Gouldie, *Cruel Habitations*; T. Hadden, *Housing: Repairs and Improvements*; D. Hoath, *Homelessness*; S. Merrett, *Owner-Occupation in Britain*; A. Nevitt, *Housing Taxation and Subsidies*; M. Boody, *The Building Societies*; A. Pritchard, *Squatting*; Sweet & Maxwell, *Public Health Encyclopaedias*. Specialist journals, e.g. *LAG Bulletin*, *ROOF*; statutory material; Rent Acts, Housing Acts and Public Health Acts.

LL5130

The Law Relating to Civil Liberties

Teacher Responsible: Professor L. H. Leigh, Room A541 (Secretary, Mrs. S. Hunt, A304)

Course Intended Primarily for LL.B. Part I and Part II.

Scope: The aim of this course is to discuss civil liberties in England from a domestic standpoint. It accordingly deals with the following: theories of civil liberties; public order, police powers; obscenity; terrorism; contempt of court; freedom of expression; freedom of religion and bills of rights.

Syllabus:

A. Theories of civil liberty.
B. Public order: (1) General and historical; (2) Breach of the peace; (3) Legislation relating to public order; (4) Picketing.
C. Police Powers: (1) Approaches to powers; (2) Ancillary powers; (3) Arrest; (4) Stop and search; (5) Powers on arrest; (6) Entry, search and seizure; (7) Disciplining the police; (8)

Institutional position of the police.

D. State Security, including the Official Secrets Act and D Notices.

E. Obscenity, including obscene literature, films etc.

F. Freedom of expression, including contempt of court.

G. Freedom of religion (various manifestations).

H. Bills of Rights — should we have them and if so what model?

Pre-Requisites: There are no pre-requisites for this course, save successful completion of the Intermediate stage.

Teaching Arrangements: This is a seminar course. Twenty 2-hour seminars (LL129) are held in Michaelmas and Lent Terms. There are no lectures. Seminars are held on Thursday afternoon between 4-6 p.m., room to be notified.

Written Work: Term essays will be required but these do not count towards the class of degree. In general two essays per term will be required. **Professor Leigh** and **Mr. A. G. Nicol** will be responsible for setting, marking and discussing work.

Reading List: Detailed reading lists are available from Mrs. Hunt. In general students might see the following: J. S. Mill, *On Liberty*; H. Street, *Freedom. The Individual and the Law*; G. Marshall, *Constitutional Theory*; P. O'Higgins, *Cases and Materials on Civil Liberties*; D. J. Harris & B. L. Jones, *Civil Liberties. Cases and Materials*; S. A. de Smith, *Constitutional and Administrative Law*; I. Brownlie, *Law of Public Order and National Security* (2nd edn. M. Supperstone, 1982); W. Laqueur & M. Rubin, *The Human Rights Reader* (1979).

Supplementary Reading List: For this, please refer to Mrs. Hunt. The following are however of interest: I. Berlin, *Two Concepts of Liberty*; J. Childress, *Civil Disobedience and Political Obligation*; J. Rawls, *A Theory of Justice*.

Examination Arrangements: This course is examined by a three hour written examination in the Summer Term. In general ten questions are set of which four are to be answered. Any student seriously considering this course should secure the detailed reading list from Mrs. Hunt.

LL5131

Public International Law

Teacher Responsible: Professor R. Higgins, Room A372 (Secretary, Mrs. Susan Hunt, A304)

Course Intended Primarily for LL.B. Parts I and II; B.Sc. (Econ.) Parts I and II; B.Sc. c.u.
Scope: The aim of the course is to introduce students to the nature, role and content of public international law.

Syllabus: Theoretical questions concerning the nature and basis of international law, the basis of obligation, methods of development. Sources. Relationship with national law. Participants in the international legal system: how international law affects states, governments, corporations, individuals. The concept of recognition. Title to territory; nationality. Aliens and international law: state responsibility, duties owed to aliens, human rights. Jurisdiction: the authority to assert competence over persons, property and events. Immunity from jurisdiction. The law of treaties; international claims; dispute settlement. The use of force: permitted and impermitted uses of force; self-defence; intervention; an introduction to the relevant provisions of the UN Charter.

Teaching Arrangements: Lectures: The lecture course is given by Professor Higgins, Dr. Birnie and Dr. Shaw, and consists of two hours for 10 weeks in Michaelmas and Lent Terms and for one week in the Summer Term. LL112. Classes: LL.B. students receive one hour of classes per week for 10 weeks in Michaelmas and Lent Terms; and one hour for 4 weeks in Summer Term. LL112(a). B.Sc. and other students receive fortnightly teaching of one hour in Michaelmas and Summer Terms, and weekly teaching in Lent Term. LL112(b).

Reading List: Students are advised to buy Harris, *Cases and Materials on International Law*. LL.B. students will find it useful to refer to Brownlie, *Principle of Public International Law* (3rd edn.). All students will need Brownlie, *Basic Documents on International Law* (2nd edn.). Reading of book extracts from these and other books, along with articles and cases, is assigned on a weekly basis.

Examination Arrangements: There is a three hour formal examination in the Summer Term, based on the entire syllabus. There are usually 10 questions, of which 4 are to be answered. The paper comprises both essays and problem questions. Class teachers also require essays in the Michaelmas and Lent Terms.

LL5132

International Protection of Human Rights

Teacher Responsible: Professor R. Higgins, Room A372 (Secretary, Mrs. Susan Hunt, A304)

Course Intended Primarily for LL.B. Parts I and II; B.Sc. (Econ.) Part II.

Scope: Introduction to the rapidly developing international law of human rights, both at a universal and regional level.

Syllabus: *Conceptual Issues*: definitions of human rights; distinguishing features from international law generally; the individual and the state; the relevance of different cultures; stages of development, ideologies; human rights as absolute or qualified rights. *The UN System* and human rights. Detailed examination of the various UN institutions and techniques for the protection of human rights.

The Inter-American System and the OAU and human rights. Various non-institutional methods for promoting human rights, including treaty making and the question of the incorporation of international rights into domestic law.

The European Convention on Human Rights: about one third of the course is devoted to a study of the institutions of the European Convention and the case law on particular rights (drawing in large measure on European Convention case law). Among the rights examined through the case law are freedom of expression; access to courts; fair trial; freedom from torture; and others.

Pre-Requisites: Students need to have already taken a course in **Public International Law** or in **Civil Liberties Law**.

Teaching Arrangements: This course is taught by 1½ hour weekly seminars (LL226) 10 in Michaelmas Term, 10 in Lent Term; supplemented by writing requirements and consultation on these.

Reading List: All students should purchase Brownlie, *Basic Documents on Human Rights*, (3rd edn.) and Jacobs, *The European Convention on Human Rights*. Required reading of extracts from books, articles, journals and cases are available in the syllabus issued, and are assigned on a weekly basis.

Examination Arrangements: There is a three hour formal examination in the Summer Term, based on the syllabus in the Michaelmas and Lent Terms. There are usually 8 questions, of which 4 are to be answered. The paper comprises both essay and problem questions.

LL5133

Introduction to European Law

Teacher Responsible: Mr. T. C. Hartley, Room A467 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.B. degree.

Scope: An introductory course on the constitutional and administrative law of the E.E.C. together with the law relating to social policy.

Syllabus: *Introduction*: the institutions of the Community; their structure and functions. *Constitutional and Administrative Law of the Communities*: nature and sources of Community law; Community law and the national law of Member States; preliminary rulings by the European Court; judicial remedies against Member States; judicial review of Community action (and failure to act); contractual and non-contractual liability of the Community. *Community Law and the Individual*: Free movement of workers; freedom to provide services; freedom from discrimination.

Pre-Requisites: A reasonable knowledge of law. This course is recommended for second and third year LL.B. students.

Teaching Arrangements: There are two lectures (LL123) a week. Sessional, and one class (LL123a) a week. Sessional.

The lectures will be by Mr. Hartley. Reading lists and class sheets are provided and students are advised to cover the items on them: they should not rely on the textbook alone.

Reading List: T. C. Hartley, *The Foundations of European Community Law*; Henry G. Schermers, *Judicial Protection in the European Communities*; N. Brown & F. Jacobs, *The Court of Justice of the European Communities*; D. Lasok & J. W. Bridge, *Introduction to the Law and Institutions of the European Communities*; Lawrence Collins, *European Community Law in the U.K.*; T. C. Hartley, *EEC Immigration Law Legislations*; Bernard Rudden & Derrick Wyatt, *Basic Community Laws*.

Students should buy Rudden and Wyatt and either Hartley's *Foundations* or Schermers' book.

Examination Arrangements: Normal three-hour written examination paper. Unmarked copies of Rudden and Wyatt, *Basic Community Laws* or Sweet and Maxwell's *European Community Treaties* may be taken into the examination.

Note: No knowledge of a foreign language is necessary.

LL5134

Basic Principles of Soviet and Yugoslav Legal Systems

Teacher Responsible: Professor I. Lapenna, Room K300 (Secretary, Mrs. Pam Hodges, A369)

Course Intended Primarily for LL.B. Parts I and II 2nd and 3rd year.

Scope: The aim of the course is to introduce students to the constitutional structure and the fundamental legal principles of the two countries, but some attention is paid to the law of other East European countries with a Soviet type of government.

Syllabus: Introduction: impact of Marxist ideology, Roman law, legal traditions and local customs; system (branches and institutions) and sources (statutes, codes, decrees, etc); hierarchy of legal enactments and the concept of "socialist legality". Constitutional law: State ("social") property as basis of the economic structure; national and state sovereignty; federalism; soviets-councils and the Yugoslav commune; human rights in theory and practice; constitutional courts in Yugoslavia.

Legal aspects of economic relations: forms of ownership; legal personality and importance of juristic persons; contracts and torts; state economic plans in the USSR and "social" plan in Yugoslavia.

Criminal Law and procedure: crime as social phenomenon; material and formal definition of crime; liability; types of crimes; esp. crimes against the state, official and economic crimes; rights of the accused; system of punishments; educational measures. Settling disputes: courts, state and departmental arbitrazh, economic courts, comrades' courts and other judicial bodies; the legal profession.

Pre-Requisites: No knowledge of Russian or any East European language is required.

Teaching Arrangements: One lecture (LL120) of 1½ hours and one class (LL120a) of 1 hour as follows:

Lectures: Sessional (Professor Lapenna)
Classes: Sessional (Professor Lapenna)
Written Work: 2 - 3 short essays of 600 - 1200 words on questions within the course.

Professor Lapenna is responsible for setting, marking and discussing the essays.

Reading List: Students are advised to buy: W. E. Butler, *Soviet Law*; I. Lapenna, *Soviet Penal Policy*.

Other Books: A. P. Mendel, *Essential Works of Marxism*; I. Lapenna, *State and Law: Soviet and Yugoslav Theory*; A. Denisov and M. Kirichenko, *Soviet State Law*; R. Sharlett, *The*

New Soviet Constitution of 1977; I. Lapenna, *Marxism and the Soviet Constitutions*; *Constitutions of the U.S.S.R. and Constitution of the SFR Yugoslavia* (latest editions); H. J. Bermann, *Soviet Criminal Law and Procedure*; A. G. Chloros, *Yugoslav Civil Law*; A. K. R. Kiralfi, *The Civil Code and the Code of Civil Procedure of the RSFSR*.

Supplementary Reading List: D. D. Barry & others (Eds.), *Soviet Law After Stalin* Vol. I, II and III; J. N. Hazard, *Communists and Their Law*; *Settling Disputes in Soviet Society*.
Examination Arrangements: A three-hour written examination in the Summer Term, based on the full syllabus. The paper consists of four sections. A. Theory of State and Law (3 questions), B. Constitutional Law (3 questions), C. Criminal Law and Procedure (4 questions), D. Legal Aspects of Economic Relations (4 questions). Candidates are required to answer four questions, one from each of the four sections. One quarter of the marks are awarded for each of the four answers. Copies of previous years' papers are available.

LL5135

Women and the Law

Teachers Responsible: Jennifer Temkin, Room A459 (Co-ordinating Member of Staff). (Secretary, Mrs. S. Hunt, A304) and Andrew Nicol, Room A456 (Secretary, Mrs. J. Heginbotham, A371)

Course Intended Primarily for 2nd and 3rd year LL.B. students.

Scope: The course looks at the position of women in society; discrimination and inequality; and the possibilities and limitations of legal intervention.

Syllabus: Specific topics: abortion; violence against women; prostitution; pornography; women and employment – inequality at work; women and the family – home and work; reproduction and sexuality; property.

Pre-Requisites: None.

Teaching Arrangements: One two-hour seminar (LL128) held weekly. Seminars are conducted by Ms. Temkin, Mr. Nicol (office number A456), Mr. Murphy (office number A361) and Mr. Rawlings (office number A356).

Written Work: Two essays will be required.

Reading List: No one book covers the entire syllabus. Either materials or detailed reading lists are provided on all topics dealt with.

Background reading: J. S. Mill, *On the Subjection of Women*; Susan Brownmiller, *Against Our Will*; Susan Griffin, *Pornography*

and *Silence*; Susan Edwards, *Female Sexuality and the Law*.

Examination Arrangements: Those taking the course have a choice of being assessed either by a three-hour examination or on the basis of an essay on an approved topic, of about 12,000 words in length in conjunction with the oral examination required by the London University regulations. Students opting for assessment by examination will be required to answer three questions, one at least from each of two sections. Students opting for assessment on the basis of an essay must notify the responsible teachers of their decision by the end of the Michaelmas Term.

LL5136

Economic Analysis of Law

Teacher Responsible: Mr. W. D. Bishop, A503 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.B. 2nd & 3rd year, B.Sc. (Econ.) 2nd & 3rd year.

Scope: An introduction to applications of elementary microeconomics to law.

Syllabus: Economic theories of legal topics such as:

- (1) Property Rights – allocation and transfer of rights, pollution control.
- (2) Torts – negligence, foreseeability and risk, strict liability, products liability, medical malpractice, valuation of human life.
- (3) Contract – consideration, frustration, mistake, specific performance, damages, fraud, penalty clauses, unilateral contracts, bargaining power.
- (4) The Legal System – class action suits, reimbursement of costs, contingent fees, payment into court, legal aid, the efficiency of the common law, precedent.
- (5) Crime and Law Enforcement.
- (6) Racial and Sexual Discrimination.
- (7) Divorce and Alimony.
- (8) Rent Control.

Pre-Requisites: Students should have some knowledge of elementary microeconomics.

Teaching Arrangements:

Lectures (LL127): 1 a week.

Classes (LL127a): 1 a week.

Written Work: Students are encouraged but not required to write one short paper each term.

Reading List: Posner, *Economic Analysis of Law* (2nd edn.); Burrows & Veljanovski (Eds.), *The Economic Approach to Law*; Ackerman (Ed.), *Economic Foundations of*

Property Law; Kronman & Posner (Eds.), *Economics of Contract Law*; Rabin (Ed.), *Perspectives on Tort Law*.

Papers in the following journals: *Journal of Legal Studies*, *Journal of Law & Economics*, *International Review of Law & Economics*, *Yale Law Journal*, *Univ. of Chicago Law Review*.

Examination Arrangements: 3 hour formal exam, Summer Term, 12 questions, four to be attempted.

LL5137

Legal and Social Change Since 1750

Teacher Responsible: Professor W. R. Cornish, Room A455 (Secretary, Jane Heginbotham, A371)

Course Intended Primarily for LL.B. Parts I and II and B.Sc. Econ Part II.

Scope: The course aims to present aspects of the historical development of English law in their social, political and economic context during the period 1750-1950.

Syllabus: The relationship of legal and social change in England from 1750 to the present day. The history of the following will be considered.

1. Changes in methods of law-making, administration of the law and dispute adjudication. The influence of ideas and of interest groups upon such changes.
 2. Reforms in one or more of the following areas of substantive law: (a) Land law: settlements, inheritance and land reform; conveyancing reform; tenancies; controls over land use and housing. (b) Commercial law: theories of contract and property; credit and its legal regulation; sale of goods and consumer protection. (c) The law governing the formation of capital; the legal control of market dominance and anti-competitive combination. (d) The legal regulation of labour. (e) The prevention of, and compensation for, accidents. (f) The legal foundations of systems of social welfare and education, public and private. (g) Family law: marriage and divorce; family property; children. (h) Criminal Law: its substance, enforcement, and penal consequences.
- Pre-Requisites:** The course assumes a basic knowledge of the political and economic history of modern Britain. Students who lack this background should obtain the preliminary reading guide for the course, which is available from Professor Cornish's secretary. This is sent to any student who has opted for the course before the summer vacation.

Teaching Arrangements: The course has two

meetings, one for two hours (LL124), the other for one hour. The two-hour sessions last throughout the first two terms and continue into the Summer Term. These deal with the substantive topics selected for the year's study. What these will be is to some extent determined by the interests of the students. They are dealt with partly by lecture and partly by discussion of reading that is set in advance. The one-hour sessions (LL124a) deal with aspects of intellectual history and its influence upon law reform. They also involve a mixture of lecture and discussion. They finish in the middle of the second term.

Written Work: Students are expected to complete two essays on particular aspects of the course, one at the end of the first term, the other at the end of the second.

Reading List: There is no one book which covers the whole scope. Students may get a useful introduction particularly to the development of the legal system from A. H. Manchester, *Modern Legal History of England and Wales* (Butterworths, 1980). Other reading will be given in the guides issued for each section of the course.

Examination Arrangements: A three-hour formal examination in the Summer Term is based on all the material dealt with in the course during the year. Three questions have to be answered.

LL5138

Introduction to the Anthropology of Law

(This course will not be offered in 1984-85)

Teacher Responsible: Dr. S. A. Roberts, Room A360 (Secretary, Jane Heginbotham, A371)

Course Intended Primarily for LL.B. 2nd or 3rd year students, B.Sc. Anthropology, Sociology, Course Unit.

Scope: The aim of the course is to introduce students to the study of order and conflict in those small-scale societies which have traditionally been the concern of social anthropologists.

Syllabus:

- (1) *The Problem of Order*. An introduction to the development of research into primitive law; theories of order; problems of identifying institutions of social control in preliterate societies; law in relation to political systems and kinship organisation.
- (2) *Dispute Processes*. The different types of agencies for the settlement of disputes; traditional modes of procedure.

(3) *Legal Change*. The evolution of legal rules and legal systems.

(4) *Special Topics*. This year the special topics will be the three following:

(a) Marriage – the nature of marriage in preliterate societies; formation of marriage; prestations associated with marriage; termination of marriage. (b) Inheritance – the nature of inheritance, rules about devolution; administration of estates. (c) Land tenure – the kinds of interest in land recognised in small-scale societies; methods of transfer of such interests.

(5) *Pluralism*. The relationship of control institutions in small-scale societies to those of the state.

Pre-Requisites: No special background knowledge is required. The course is particularly appropriate for law students who wish to see their own legal ideas and institutions in a broader context and for anthropology or sociology students who have a special interest in conflict.

Teaching Arrangements: There is a lecture course with supporting classes as follows: Lectures: LL122 25 Sessional
Classes: LL122a 24 Sessional (rooms to be announced).

The lectures cover the whole foregoing syllabus. The form the classes take is flexible; topics for discussion and recommended readings are announced weekly in advance in the lectures. Each student is encouraged to pursue individual interests within the framework of the syllabus and to prepare a short paper for class discussion in the Lent or Summer Term.

Written Work: As above.

Reading List: No one book matches the syllabus exactly, but students are advised to buy one of the following which cover a large part of it:
E. A. Hoebel, *The Law of Primitive Man* (Harvard, 1954); L. Pospisil, *Anthropology of Law* (Harper and Row, 1971); R. J. Bohannan (Ed.), *Law and Warfare* (University of Texas, 1967), (A set of readings).
Students may wish to look at S. A. Roberts, *Order and Dispute: An Introduction to Legal Anthropology* (Penguin Books, 1979) in advance, to get the general flavour of the subject. A full reading list is provided at the beginning of the course.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus for the lecture course, but related to the particular interests pursued in that year. The paper contains some 12 or more questions, of which three have to be answered; the paper is not divided into sections. One third of the marks

are awarded for each of the three answers. Assessment is entirely based on the formal examination. Copies of previous years papers are available.

LL5170

Outlines of Modern Criminology

Teacher Responsible: Professor Hall Williams, Room A504 (Secretary, Jane Heginbotham, A371)

Course Intended Primarily for LL.B. Part I and II (Half Option).

Scope: This course, which is a half unit course for the purpose of the LL.B., lasts one term. It is suitable for general course students, and a limited number may be admitted on application to Professor Hall Williams. The course is highly selective and every effort is made to hold the reading requirements within reasonable limits. It provides an introduction to modern criminology.

Syllabus:

1. The significance of criminal statistics.
2. Genetic and bio-chemical factors in crime.
3. Psychological explanations.
4. Psychoanalytical theories about Crime.
5. The Sociological Approach to Deviance.

Pre-Requisites: None, but some familiarity with sociological or psychological literature would be an advantage.

Teaching Arrangements: A weekly two-hour seminar and no class, in the Lent Term. Ms. Temkin and Professor Hall Williams each give seminars on subjects of interest to them. Seminars LL141 10 Lent Term.

Written Work: Essays or past examination questions will be set from time to time.

Reading List: H. Prins, *Criminal Behaviour* (1973); M. D. Rutter, *Maternal Deprivation Reassessed* (1972); H. J. Eysenck, *Crime and Personality* (1977); I. Taylor, P. Walton & J. Young, *The New Criminology* (1973); N. Walker, *Crimes, Courts and Figures* (1971); A. K. Bottomley, *Criminology in Focus* (1979); J. E. Hall Williams, *Criminology and Criminal Justice* (1982); C. Smart, *Women, Crime and Criminology* (1976).

Examination Arrangements: There will be one two-hour examination.

LL5171

Sentencing and Treatment of Offenders

Teacher Responsible: Professor Hall Williams, Room A504 (Secretary, Jane Heginbotham, A371)

Course Intended Primarily for LL.B. Part I or II (Half Unit Option).

Scope: This course, which is a half unit course for the purpose of the LL.B. lasts one term. It provides an introduction to the study of sentencing theory and practice, including a discussion of the aims of punishment, and the information received by courts in the exercise of their sentencing function. It goes on to examine the various custodial and non-custodial measures available, and their effectiveness.

Syllabus:

1. Aims and Justifications of Punishment.
2. Sentencing Function of the Courts.
3. Custodial Methods in Dealing with Adults.
4. Custodial Methods for Offenders under 21.
5. Non-custodial Methods.

Pre-Requisites: Most students coming to this course will be familiar with the structure of the English courts, both at trial and appeal levels. As the course is geared to the English system it is not really suitable for General Course students.

Teaching Arrangements: A weekly two-hour seminar and no class, in the Michaelmas Term. Professor Hall Williams presents an outline of the subject and distributes hand-outs during the first hour. The second hour is devoted to discussion. In the Summer Term the students meet Professor Hall Williams again for two meetings at which papers are presented which they have prepared in the intervening months. Copies of these papers are made available to other students. The choice of subjects is made after discussion with Professor Hall Williams at the end of the Michaelmas Term. Students may embark on joint projects, and some original research is encouraged. Lectures: LL140 10 Michaelmas Term.

Written Work: None except for the above papers.

Reading List: Will be given at the commencement of the course.

Examination Arrangements: There will be one two-hour examination.

LL5172

LL5173

Social Security Law I and II

Teacher Responsible: Dr. Julian Fulbrook, Room A368 (Secretary,

Colleen Etheridge, A502, Ext. 259)

Course Intended Primarily for LL.B. – Parts I and II.

Scope: SSI aims to survey the basic legal theory of the subject. SSII is an advanced practical course on lawyering technique.

Syllabus:

(1) *Social Security I:* General Introduction to National Insurance and Supplementary Benefits Law. Terminology and specialist citations. Historical perspectives: the Poor Law, the 1909 Royal Commission, the 1911 Act, the 1934 'double decker' system. The Beveridge structure. Contributions. Types of benefits. Social Security Appeal Tribunals. The Commissioners. Ministers Questions. National Insurance Unemployment Benefits. Sick and Invalidity Benefits. Industrial Injury Benefits. Supplementary Benefits. Social Security and strikes.

(2) *Social Security II:* Interviewing. Audio Visual practice. Negotiating. The administrative process. Tribunal advocacy: cross-examination and final submissions. Tribunal hearing. Audio Visual practice. Appellate work and counselling.

Pre-Requisites: SS I is a pre-requisite for SS II.

Teaching Arrangements: The course is taught partly by lectures (LL144 and LL145) and partly by seminars. Lectures are used to cover a lot of ground quickly, whereas the seminars are to enable us to discuss issues and details on the basis of prior reading. The aim is to analyse the technicalities of the law but also to put the issues into context – millions of people who every year rely on social security for their basic income.

Reading List: Ogus & Barendt, *The Law of Social Security* (Butterworths, 1982); Tony Lynes, *Penguin Guide to Supplementary Benefits* (4th edn., 1981); Julian Fulbrook, *Law at Work: Social Security* (1980); Social Security Acts 1975 and 1980; LAG, *Lawyer's Guide to S.B.*; Julian Fulbrook, *Administrative Justice and the Unemployed* (1978).

Examination Arrangements:

(1) SSI: There is a 2 hour paper with two questions: (a) *A legal problem* in which the student is expected to demonstrate knowledge and familiarity with the statutes and case law. (b) *A general essay* on a question which will deal with one of the following topics: (i) The historical origins of social security; (ii) The

tribunal system; (iii) Social security and strikes.

(2) SS II: A 2 hour paper with two questions based on a transcript of an interview, negotiation or tribunal hearing.

LL5174

Law of Landlord and Tenant

Teacher Responsible: Mr. R. L.

Nobles, Room A539 (Secretary, Colleen Etheridge, A502)

Course Option for Part I and II - LL.B. degree.

Scope: This course will examine the law of the landlord-tenant relationship from the specific perspective of housing and housing problems in this country. We shall ask not only what the law is but how successful it is in protecting those for whom it was passed, i.e. the effect of housing legislation on the quality, quantity and price (rental) of private sector accommodation. The role of the state in regulating the provision of private sector accommodation will be contrasted with its role as landlord in the public sector and the lack of state regulation of owner occupiers.

Syllabus:

(1) *Rent Regulation:* Fair rents are examined to see the extent to which they do, or should, reflect market values. A member of the Economics Department will conduct one class devoted to considering the impact of rent regulation on the supply of rented accommodation.

(2) *Security of Tenure:* Do the grounds for possession make tenants' security of tenure a matter of judicial discretion? Tenants' security will be compared with that given to owner/occupiers and council tenants.

(3) *Categories of Property Subject to Control:* The need for unregulated lettings and the problems of 'Evasion': holiday lets, student lets, board and attendance, residential landlords and the lease-license distinction.

(4) *Repairs:* Can the law guarantee minimum standards of amenity and repair in residential accommodation?

Pre-Requisites: Property I.

Teaching Arrangements: Seminars (LL146): (Michaelmas Term only).

Reading List: Martin Partington, *Cases & Materials on Landlord & Tenant*; Rent Act 1977; Housing Act 1980; David Hughes, "Public Sector Housing"; Steven Merritt, *State Housing in Britain*; David Hoath, *Council Housing*.

Further reading will be given during the course.

Examination Arrangements: Normal three-hour written examination paper.

LL5175

Health Care and the Law

Teacher Responsible: Joe Jacob, Room A469 (Secretary, Susan Hunt, A304)

Course Intended Primarily for LL.B. Parts I and II.

Scope: The course is designed to apply, in a unified context, knowledge, techniques and approaches which students will have met elsewhere in the LL.B. The context is, of course, the health care system. Among the other courses from which themes are taken are: **Public Law, Law and the Social Sciences, Courts and Litigation** and the **Law of Torts**. The course has two purposes. First, by applying themes from other courses, to show their interrelationship and the relationship between theory and practice. Second, by looking at the health care system, to understand it for its own sake and for the contribution law makes to it and as the working of an important profession and an important aspect of the welfare state.

Syllabus: Section (A) will be taught every year and selected topics from section (B) from year to year. Each topic in both sections will be taught with reference to the medical profession ethics and administrative issues as well as the relevant law.

Section (A)

1. The structure of the National Health Service including the legal system and accountability of the various bodies.
2. The ethical, disciplinary and legal organisation and control of medical staff.
3. The complaints procedures including the relationship between professional, administrative and legal procedures.
4. The ethical and legal rules relating to medical confidences and the proposals for their reform.
5. The meaning and significance of the concept "clinical freedom".
6. The meaning and significance of the concept of "informed consent" to medical procedures.

Section (B)

1. The arrangements for the family practitioner service.
2. Special issues relating to employment in the health service including the appointment of staff and strike action.

3. The provision of health care in the private sector and its relationship to the public sector including its control.

4. The provision of mental health services, the Mental Health Review Tribunals, and the current proposals for reform.

5. Medical research, including issues of consent, and in outline only the scheme of the Medicines Act 1968 relating to new medicines.

6. Special issues relating to children, including consent, the age of consent and the rights of parents.

7. Operation and significance of the medical and legal definitions of death.

8. The legal and medical questions relating to euthanasia, including the hastening and delaying of death.

9. The ethical and legal questions relating to transplants, including the operation of the Human Tissue Act 1961.

10. Some aspects of the legal, medical and administrative questions raised by medical developments in abortion and fertility control.

Pre-Requisites: There are none beyond those for entry into the Part I. Students with an interest in public law and torts and how they relate to other social sciences in the medical context will find the course particularly attractive. It is hoped that some non-law students from e.g. Social Administration will attend.

Teaching Arrangements: This is a half-unit course (LL142) within the LL.B. The course will be taught in 1½ to 2 hour sessions once a week in the Lent Term. Lecturing will be kept to a minimum and there will be a large element of student involvement.

Reading List: There is no set text for this subject. The following will be found useful: I. Kennedy, *The Unmasking of Medicine*; E. Cassell, *The Healer's Art*; Mason & McCall Smith, *Law and Medical Ethics*; J. Glover, *Causing Death and Saving Lives*; I. Illich, *Limits to Medicine, Medical Nemesis: The Expropriation of Health*; R. Yezzi, *Medical Ethics: Thinking about Unavoidable Questions*; F. Cartwright, *A Social History of Medicine*; Speller's, *Law Relating to Hospitals and Kindred Institutions* (6th edn. J. Jacob); C. W. Martin, *Law Relating to Medical Practice* (2nd edn.); N. Leahy Taylor, *The Doctor and the Law and Medical Malpractice*; J. Leigh Taylor, *Doctors and the Law*; Klein, *The Politics of the National Health Service*; L. Gostin, *A Human Condition* Parts 1 and 2; L. Gostin & E. Rassaby, *Representing the Mentally Ill and Handicapped*; E. Pellegrino & D. Thomasma, *A Philosophical Basis of Medical Practice*; H. W. Chaplin, *Health Care in the United Kingdom*. Periodical literature will be drawn

from, *inter alia*, the following journals: *The British Medical Journal, The Hospital and Health Service Review, The Journal of Medical Ethics, The Journal of the Royal Society of Medicine, The Lancet* and *The Practitioner*. Other reading will include some Parliamentary Papers, publications of the DHSS, the British Medical Association (including the *Handbook of Medical Ethics*) and the Annual Reports of the Medical Defence Union and other publications.

Additional reading may be recommended during the course.

Examination Arrangements: There is a two hour formal examination in the Summer Term based on the topics covered in the seminars. There will be a wide choice of questions giving students an opportunity to show the areas of the subject that have most strongly interested them. Students will be required to answer 2 or 3 questions. The number will be notified well in advance.

LL5176

Legal Services to the Community

Teacher Responsible: Professor

Michael Zander, Room A457

(Secretary, Angela White, A303)

Course Intended Primarily for LL.B. Parts I and II. Half unit option.

Scope: To consider in some detail the problems of providing legal services and of the legal profession.

Syllabus: The role of the private profession; the legal aid system; the public sector in legal services, especially law centres; costs, methods of paying for legal services, and controls on costs and fees; small claims; monopolies and restrictive practices; the unmet need for legal services, its nature and extent; the quality of legal services, negligence liability of lawyers, complaints, the role of disciplinary proceedings; management of the profession and external participation; alternatives to lawyers.

Pre-Requisites: None.

Teaching Arrangements: There is one two hour session (LL143) per week in the Michaelmas Term. Students will be assigned reading for each succeeding week's session. The class consists of a seminar with discussion rather than a lecture.

Written Work: No written work is set, but students will be expected to come to each week's session prepared to discuss the topics assigned on the basis of the readings.

Reading List: The main text is Michael Zander, *Legal Services for the Community*

together with the *Report of the Royal Commission on Legal Services*, 1979, Cmnd. 7648. In addition reading lists will be supplied with references to other sources.

Examination Arrangements: The examination is a short dissertation of 6,000 to 8,000 words on a topic selected by the student with advice from Professor Zander. The paper must be handed in by the last day of the Lent Term. The first draft should normally be written during the Christmas vacation and then discussed and re-written during the Lent Term.

LL5177

Race, Nationality and the Law Teacher Responsible: Andrew Nicol, Room A456 (Secretary, Mrs. Jane Heginbotham, A371)

Course Intended Primarily for LL.B. students – 2nd or 3rd year.

Scope: The focus will be on immigration and nationality.

Syllabus:

- (a) Attitudes to aliens, race and religion in nineteenth century – early attempts to control immigration – contemporaneous social and economic problems.
- (b) Concept of nationality – consequences of citizenship – effect of Empire and Commonwealth.
- (c) International thresholds – Conventions on Human Rights, Refugees, Stateless persons and Establishment.
- (d) Political and Economic background to Commonwealth immigration – legislation of 1962, 1965 and 1968.
- (e) Current restrictions on entering and remaining in the U.K. including special provisions for EEC nationals.
- (f) Expulsions – deportation and removal from the U.K.
- (g) Administration of control – by the Home Office and by other government agencies, the relevance of nationality and immigration status to social security and other state provided services or benefits.
- (h) Review of controls – by Immigration Appeals authorities, by the courts, by Parliament.
- (i) Acquisition and Loss of British nationality.

Except as they are relevant to these topics, race discrimination and the Race Relations Act 1976 will not be given detailed treatment.
Pre-Requisites: None.

Teaching Arrangements: The course (LL147)

will be given in the Lent Term. There will be 10 × 2 hour seminars. Worksheets will be distributed for each seminar.

Reading List: Text Book: John Evans, *Immigration* (1983); **Reference:** MacDonald, *Immigration Law and Practice* (1983); MacDonald & Blake, *The New Nationality Law* (1982); Grant & Martin, *Immigration Law and Practice* (1982); Plender, *International Migration Law* (1972); Paul Foot, *Immigration and Race in British Politics* (1965).

Introductory Reading: Ann Dummett, *Citizenship and Nationality* (Runnymede Trust 1976).

Examination Arrangements: Two hour examination. Students may taken in copies of the Immigration Act 1971, British Nationality Acts 1948 and 1981 and the current Immigration Rules.

LL5178

Public Law and Economic Policy (This course will not be offered in 1984-85)

Course Intended Primarily for LL.B. Parts I and II.

Scope: British Governments have been dominated since the last war by a perceived need to guarantee economic "success", and towards that end a variety of institutional structures and methods have been established or extended. Yet until the last few years public lawyers have had virtually nothing to say about these topics, to such an extent that economic policy has been pursued in a legal and constitutional void. There may be good reason for this – economic problems may not be susceptible to legal or constitutional analysis or control, – alternatively, this void may allow economic policy to be framed by a benign, questionably competent and uncontrollable State. This course attempts to provide some resolution of the dichotomy above, and to do so by probing particular areas of economic policy.

Syllabus: Section (a) will be taught every year, and selected topics from sections (b) – (h) taught from year to year.

(a) *Introduction:* The particular nature of constitutional problems and the economy; the tension between flexibility and accountability. Formal and informal methods of policy formulation and realisation. The characteristics of the possible accountability

agencies and methods in the field (courts, Parliamentary Committees, the PCA, financial control, self-regulation, licensing bodies etc). A brief history of governmental intervention in Britain, concentrating in particular on the experience of World War II and the White Paper on Employment Policy in 1944.

(b) *Governmental Regulation of the Market:* The administration (though not the legal or economic detail) of anti-trust in relation to both mergers and competition, the problem of justiciability; licensing and approved self-regulation.

(c) *The Government as Market Actor:* The economic and constitutional significance of Government contracts; the legal regime of contracting; contracting as a policy instrument and its control.

(d) *The Government as Monopolist:* The aims and methods of nationalisation. The relationship between the NIs and the Government; the accountability of the NIs to courts and Parliament. Consumers and equity shareholders and the NIs. The legal regime of employee/NI relationships. The legal regime of competition between the NIs and the private sector of industry.

(e) *The Government and Selective Intervention in the Market:* The history of intervention; support schemes to individual industries. Intervention in the 1960s; the IRC. The 1970s; the Industry Acts 1972, 1975 and 1980; the NEB. The choice of intervention agency and the accountability of paragonovernmental agencies. Disengagement. The legal problems of the public/private firm and the tension between accountability to the representatives of the public, to employees and to shareholders. The legal problems of discretionary intervention.

(f) *The Government and Finance:* The constitutional position of the central bank, with a comparison of foreign models. The Bank of England Act 1946; the relationships between the Bank and other bankers. 'Moral suasion' and formal law. The Banking Act 1979 and its administration. Governmental relations with the Stock Market, the discount houses and the institutional investors. The PSBR and the National Loans Act 1968. The constitutional basis of monetary policy and the formulation, authority and policing of monetary targets.

(g) *Budgetary and Expenditure Policy:* The constitutional basis of taxation. Parliament and the budgetary process. Judicial review of review decisions. The legal, constitutional and economic aspects of public expenditure. Formulation and control of same. Parliamentary Committees, the Exchequer and

Audit Acts, the Comptroller and Auditor General.

(h) *Europe:* The influence of accession to the EEC on certain of the above topics, in particular (c), (d) and (e). The making and control of the Community Budget.

Pre-Requisites: A wide range of material will be recommended, but very little of it will be technical and – emphatically – no prior knowledge of economics is required. An interest in modern politics and government – and better still, economic policy, will, however be a distinct advantage.

Teaching Arrangements: 10, 1½ hour sessions (LL149), Lent Term, evenings from 6.30 – 8.00 p.m.

Reading List: Tivey, *Nationalism in British Industries: Nationalism in the 1960s*; Ganz, *Government and Industry*; Stevens & Yamey, *The Restrictive Practices Courts*; Daintith, *The Economic Law of the United Kingdom*; Turpin, *Government Contracts*; Young & Lowe, *Intervention in the Mixed Economy*; Chorley, (Parts of) *Modern Banking Law*; Robinson, *Parliament and Public Expenditure*.

Periodical literature will be drawn from, *inter alia*, the following journals: *Journal of Business Law*; *Modern Law Review*; *British Tax Review*; *Common Market Law Review*; *Public Law*; *British Journal of Law and Society*; *Political Studies*; *Government and Opposition*; *Parliamentary Affairs*; *The Parliamentarian* and *Public Administration*. Plus numerous official and Parliamentary papers.

Examination Arrangements: The assessment method for this course will be a two-hour exam worth 40% and a long paper worth 60%.

LL5179

Sociological Theory and the Idea of Law

Teacher Responsible: Mr. D. N. Schiff, Room A460 (Secretary, Pam Hodges, A369)

Course Intended Primarily for LL.B. Part I and II.

Scope: (1) To introduce sociological theory as attempts to express knowledge about special phenomena.
(2) To introduce and evaluate ideas about law not written by those who, as lawyers, have an interest in the validation of the law in some form or other, but those who, external to the workings of the legal system, have proffered significantly different and often

extreme views of law in the context of their theories of society as a whole.
(3) To develop an understanding of what is meant by the social impact and the social context of law.

This is a course in sociological theory and is not designed (i) as an applied social science course (the empirical findings of those who have studied the functioning of law will only be considered by the way) (ii) as an introduction to research methods.

Syllabus:

1. Introduction to sociological theory
2. Mechanical sociology and the idea of law
3. Social behaviour and the law
4. Social control and law
5. Social change and law
6. Law as an index of social change
7. Law and development
8. Law and symbolisation
9. The limits of law
10. Socialization and law

Teaching Arrangements: 10 weekly two-hour seminars (LL148) will be held in the Michaelmas Term.

Suggested Reading: will be given at the beginning of the course. There is no textbook for the subject.

Background Reading: R. Aron, *Main Currents in Sociological Thought I and II*; P. Winch, *The Idea of a Social Science*; P. L. Berger & T. Luckman, *The Social Construction of Reality*.

Examination Arrangements: 1-2 hour written examination will be held in June.

LL6010

Principles of Civil Litigation

Teacher Responsible: Professor Michael Zander, Room A457 (Secretary, Angela White, A303) with Professor Sir Jack Jacob at University College.

Course Intended Primarily for LL.M. students.

Scope: The course, as its title indicates, is concerned more with the principles than with the details of civil procedure. Its focus is the English system but reference is made throughout to other models.

Syllabus: The general principles and practice of civil litigation, including: the organization, jurisdiction and functions of the various Courts and Tribunals and of the legal profession. The remedies afforded by civil

proceedings (both interlocutory and final) including enforcement of judgements and orders. The procedures adopted in the High Court and in the County Court in ascertaining and dealing with disputed issues, in preparation for trial, in the trial and post-trial assessment of damages or other consequential relief; the system and right of appeal and the procedure on appeal; the extent to which these procedures enable the courts to arrive at correct and reasonably speedy decisions both on facts and substantive law (knowledge of the law of evidence will not be required, except so far as it affects the general procedure). The organization and function of Tribunals (in outline only) and the general procedures adopted by Tribunals and arbitrators; comparisons will be made between those procedures and those adopted by the Courts. The social and economic effects and value of the present system of civil litigation; including some comparison with foreign systems.

Pre-Requisites: None.

Teaching Arrangements: There is one lecture per week (LL209) on a Monday at University College at 4.45 or 5 p.m. to 6 p.m. (however, there will be some occasional lectures on Tuesdays at 6 p.m. to 7.30 p.m. at the London School of Economics when that time is not used for the seminar). In addition there are six to eight seminars on **Problems in Civil Litigation** (LL230). These take place on alternate Tuesdays in the Michaelmas and Lent Terms from about the middle of November. The seminars are at the London School of Economics from 6 to 7.30 p.m. The group normally has between 40 and 60 students.

Written Work: No written work is set during the year but students wishing to do essays can get them marked.

Reading List: Students will be issued with a full reading list at the beginning of the year with reading suggested for each lecture topic. There is also a handout consisting of a set of lecture notes. The subject does not have a single book that covers the course. Students will probably wish to buy one or two books. The most useful are: W. B. Odgers, *Pleading and Practice*; P. St. J. Langan & D. G. Lawrence, *Civil Procedure*; D. Barnard, *The Civil Court in Action*; D. B. Casson & I. H. Dennis, *Modern Developments in the Law of Civil Procedure*; M. Zander, *Cases and Materials on the English Legal System*; Sir Jack Jacob, *The Reform of Civil Procedural Law*.

Examination Arrangements: There is a three hour formal examination in September based on the syllabus and the series of lectures.

There are normally ten or eleven questions out of which the candidate is expected to answer four.

LL6015

European Community Law

Teacher Responsible: Mr. T. C. Hartley, Room A467 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.M. students and Diploma in International Law.

Scope: This course is concerned with selected areas of substantive EEC law. Students are required to take two special subjects from a list which can be found in the University of London Regulations for internal students. The following two special subjects are provided by arrangement between the School and King's College.

Syllabus:

Community Law relating to Competition
Professor Jacobs (K.C.).

The function of competition policy in the common market. The competition rules of the E.E.C. Treaty. The control of agreements and restrictive practices (art. 85 E.E.C.).

Monopoly power and the abuse of a dominant position (art. 86 E.E.C.). Procedure of the Commission and jurisdiction of the Court of Justice. Enforcement of the E.E.C. competition rules in the national courts.

Public undertakings (art. 90 E.E.C.). State aids (arts. 92-94 E.E.C.).

Social Policy **Mr. Hartley.**

Freedom of movement: employees, self-employed persons, providers and receivers of services; discrimination of grounds of nationality and residence; recognition of qualifications to practice a trade or profession; sex discrimination.

Pre-Requisites: Candidates offering the special subject **Community Law relating to**

Competition may not offer **Monopoly, Competition and the Law** nor **European Community Competition Law**.

All candidates offering **European Community Law** are expected to have or to acquire adequate knowledge of the institutions of the European Community. The course **Law of European Institutions** may be taken concurrently.

Teaching Arrangements: **Community Law relating to Competition.** Taught at King's College by **Professor Jacobs.** **Social Policy:** Fifteen seminars (LL215), Lent and Summer Terms (beginning in mid-February) given by **Mr. Hartley.**

Reading List: 1. Community Law Relating to

Competition: Barry E. Hawk, *United States, Common Market & International Antitrust: A Comparative Guide*, Part Two (1979); Bellamy & Child, *Common Market Law of Competition*; Barounos, Hall & James, *E.E.C. Anti-trust Law*; Commission of the European Communities, *Reports on Competition Policy*;

2. Social Policy: T. C. Hartley, *E.E.C. Immigration Law*; Derrick Wyatt & Alan Dashwood, *The Substantive Law of the E.E.C.*; H. Smit & P. Herzog, *The Law of the European Economic Community*; B. Sundberg-Weitman, *Discrimination on Grounds of Nationality*; Philippa Watson, *Social Security Law of the European Communities*; F. G. Jacobs (Ed.), *European Law and the Individual*; G. Lyon-Caen, *Droit Social International et Européen*; Bernard Rudden & Derrick Wyatt, *Basic Community Laws*.

Students should buy Rudden & Wyatt.

Examination Arrangements: Normal three hour written examination paper. Unmarked copies of Rudden & Wyatt (or Sweet & Maxwell's *European Community Treaties*) may be taken into the examination.

Note: **Social Policy** (which starts in mid-February) may not be taught at the same time as **Community Law relating to Competition**. Students should make sure that there are no timetable clashes with other subjects.

LL6018

Comparative Family Law

Teacher Responsible: Ms. J. Temkin, Room A459 (Co-ordinating Member of Staff) (Secretary, Mrs. S. Hunt, A304).

Course Intended Primarily for LL.M. students.

Scope: The aim of the course is to examine from a comparative standpoint contemporary issues in family law.

Syllabus: The issues to be discussed will be selected from the following: aspects of capacity; domestic violence, matrimonial property, divorce, reallocation of property on divorce, maintenance on divorce, custody of children, unmarried cohabitation, illegitimacy, adoption, children in trouble with the law. Jurisdictions discussed will include: England, Canada, Australia, West Germany, Sweden, U.S.A., U.S.S.R.

Pre-Requisites: Some knowledge of English family law desirable though not essential.

Teaching Arrangements: One weekly seminar (LL212) lasting from 1½-2 hours to be taken by **Ms. Temkin** in the Michaelmas Term, **Mr. Bradley** (office number A462) in the Lent Term and **Professor Lapenna** (office number K300) in the Summer Term. Full materials or reading lists are provided and students are expected to be fully prepared beforehand so that topics may be discussed rather than formally taught.

Written Work: Two full length essays on set topics must be submitted (approximate length: 10 sides of A4).

Reading List: Sets of materials are provided in the Michaelmas Term and detailed reading lists in the Lent and Summer Terms.

General Reading: Foote, Levy & Sander, *Cases and Materials on Family Law*; M. A. Glendon, *State, Law and Family*; J. Eekelaar, *Family Law and Social Policy*; Glendon, *The New Family and the New Property*; O. Stone, *Family Law*.

Examination Arrangements: One three hour paper which is divided into three sections corresponding to the subjects covered by **Ms. Temkin**, **Mr. Bradley** and **Professor Lapenna**. Four questions must be answered, at least one from each section. There will be a choice of questions in each section and not more than one from the third section covering topics covered by **Professor Lapenna**.

LL6030

Economic Analysis of Law

Mr. W. D. Bishop (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.M. degree.

Scope: First to introduce students to the economics of law and second to build from this to deal in depth with some important policy problems.

Syllabus: Economic theories of legal topics such as:

- (1) Property Rights - allocation and transfer of rights, pollution control.
- (2) Torts - negligence, foreseeability and risk, strict liability, products liability, medical malpractice, valuation of human life.
- (3) Contract - consideration, frustration, mistake, specific performance, damages, fraud, penalty clauses, unilateral contracts, bargaining power.
- (4) The Legal System - class action suits, reimbursement of costs, contingent fees, payment into court, legal aid, the efficiency of the common law, precedent.
- (5) Crime and Law Enforcement.
- (6) Racial and Sexual Discrimination.

(7) Divorce and Alimony.

(8) Rent Control.

Pre-Requisites: Students should have some knowledge of elementary microeconomics. **Teaching Arrangements:** 1 Seminar (LL227) each week.

Students are advised to attend lectures in LL.B. (LL127, SG. LL5136) course as grounding in basic analysis.

Written Work: Students are required to present one paper each term in seminar.

Reading List: Posner, *Economic Analysis of Law* (2nd edn.); Burrows & Veljanovski (Eds.), *The Economic Approach to Law*; Ackerman (Ed.), *Economic Foundations of Property Law*; Kronmann & Posner (Eds.), *Economics of Contract Law*; Rabin (Ed.), *Perspectives on Tort Law*.

Papers in the following journals: *Journal of Legal Studies*, *Journal of Law & Economics*, *International Review of Law & Economics*, *Yale Law Journal*, *Univ. of Chicago Law Review*.

Examination Arrangements: 3 hour formal exam in September, 10 questions, 4 to be attempted.

LL6031

European Community Competition Law

Teacher Responsible: Mr. W. D. Bishop, Room A503 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.M. students.

Scope: EEC Competition Law with some attention to economic analysis.

Syllabus: The competition rules and practice of the EEC: Articles 85-90 of the Treaty of Rome, the implementing regulations and other relevant provisions. Price-fixing and market sharing agreement; boycotts and discrimination; exemptable forms of collaboration; abuse of dominant position; free movement of goods and industrial property rights. The relationship between Community and national anti-trust laws.

Pre-Requisites: Candidates will be expected to have or to acquire adequate knowledge of the institutions of the European Communities.

Teaching Arrangements: One seminar (LL208) (3 hours) each week.

Written Work: None.

Reading List: Bellamy & Child, *European Community Competition Law*; Kerse, *EEC Antitrust Procedure*; Korah, *Competition Law in Britain and the Common Market*.

Examination Arrangements: 3 hour formal exam, September. 8 questions, 4 to be attempted.

LL6032

Monopoly, Competition and the Law

(This course may not be offered in 1984-85)

Course Intended Primarily for LL.M. degree.

Scope: UK and EEC Competition law with some attention to economic analysis of decisions and policy problems.

Syllabus:

- I. The restrictive trade practices legislation;
 - II. The monopolies and mergers legislation;
 - III. The control of anti-competitive practices;
 - IV. The competition rules of the E.E.C.
- I: Registration, enforcement and avoidance; the criteria of the public interest; the justiciability of the issues before the Restrictive Practices Court; analysis of selected decisions of the Court.
- II: The Monopolies and Mergers Commission: single firm monopolies; control of mergers; non-collusive oligopoly; analysis of selected reports of the Commission.
- III: Investigations by Director-General of Fair Trading into anti-competitive practices and their reference to Monopolies and Mergers Commission.
- IV: Articles 85 and 86 of the Rome Treaty, and Regulation 17; the rules relating to the free movement of goods; the relationship between Community and U.K. Law; contrast between Article 85(1) and the definition of agreements subject to registration under the U.K. law; respective advantages of administrative discretion and the more legalistic approach of the U.K. restrictive practices legislation.

Pre-Requisites: None.

Teaching Arrangements: One seminar (LL207) and one lecture each week.

Written Work: None required.

Reading List: J. Lever (Ed.), *Chitty on Contracts*; R. B. Stevens & B. S. Yamey, *The Judicial Process & Economic Policy: A Study of the Restrictive Practices Court* (out of print); V. Korah, *Competition Law in Britain & the Common Market* (out of print).

Reports of the Registrar of Restrictive Trading Agreements Cmnd. 1603; 1273; 2296; 3188; 4303. Reports of the Office of Fair Trading.

Candidates may bring into the examination copies of any of the following: Restrictive Trade Practices Acts 1976 & 1977; Fair Trading Act 1973; Resale Prices Act 1976; Restrictive Practices Court Act 1976; Sweet & Maxwell's *European Community Treaties*; Treaty establishing the European Community, Rome, 15 March 1957;

Secondary legislation of the European Communities, Subject Edition, Vol. 4; Competition, H.M.S.O., 1973; Competition Law in the European Economic Community and in the European Coal & Steel Community (situated by 31 Dec. 1971). Further references will be given at the beginning of the course.

Examination Arrangements: 3 hour formal exam, September. 8 questions, 4 to be attempted.

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LL6033

International Business Transactions

Teacher Responsible: Mr. T. C. Hartley, Room A467 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.M. students intending to offer this subject in the examinations. Other students may attend only with the prior permission of **Mr. Hartley**.

Scope: Legal problems relating to international business transactions by private firms (not state trading).

Syllabus: The following topics will be dealt with from the point of view of the law of Britain, the Commonwealth, the United States and the EEC:

1. Judicial jurisdiction in cases involving international business transactions, especially: (a) jurisdiction over companies (the "doing business" test); (b) products liability; (c) branches and agents; (d) constitutional requirements in the U.S.A.; (e) choice-of-court clauses; (f) forum non conveniens; (g) *lis alibi pendens*; and (h) provisional remedies and procedure.
2. Enforcement of foreign judgements in commercial matters.
3. International arbitration.
4. Applicable law for international commercial contracts, especially the application of legislation dealing with: (a) boycotts and embargoes; (b) consumer protection; (c) labour law; and (d) exchange controls. The effect of international uniform-law conventions will also be considered.
5. Conflict of laws regarding agency.
6. Recognition of foreign governmental acts affecting property, especially financial assets.
7. The extra-territorial application of American anti-trust laws and the reaction of other countries.
8. The extra-territorial application of EEC competition rules.

Pre-Requisites: A good general knowledge of law. Knowledge of conflict of laws (private international law) would be useful but is not essential. This course is not suitable for non-lawyers.

Teaching Arrangements:

Seminars: (LL219) Sessional

Teachers: **Mr. Hartley, Mr. I. G. F. Karsten** (Room A362) and **Professor Jacobs** (Kings College). Extensive case materials will be provided, which should be read before each seminar.

Reading List: (Students are not expected to buy any of these books): Georges R. Delaume, *Transnational Contracts: Applicable Law and Settlement of Disputes*; Dicey & Morris, *The Conflict of Laws*; Cheshire & North, *Private International Law*; Robert A. Leflar, *American Conflicts Law*; Russell J. Weintraub, *Commentary on the Conflict of Laws*; P. E. Nygh, *Conflict of Laws in Australia*; J. -G. Castel, *Canadian Conflict of Laws*; C. Schmitthoff (Ed.), *International Commercial Arbitration*; Douglas E. Rosenthal & William M. Knighton, *National and International Commerce*; C. Canenbley, *Enforcing Anti-Trust Against Foreign Enterprises*; Barry E. Hawk, *United States, Common Market and International Anti-Trust*; Boaz Barack, *The Application of the Competition Rules of the E.E.C. to Enterprises and Arrangements External to the Common Market*.

Examination Arrangements: Normal three hour written examination.

LL6048

Law of International Institutions

Teacher Responsible: **Professor R. Higgins**, Room A372 (Secretary, Mrs. Susan Hunt, A304)

Course Intended Primarily for LL.M. and Diploma in International Law students.

Scope: The aim of the course is to provide an understanding of the international legal aspects of international institutions. The focus is primarily on the United Nations, which is dealt with in depth.

Syllabus: International legal personality: the capacity to sue, treaty-making power, implied powers. The Secretariat: powers of the Secretary General, role of the international civil service, privileges and immunities. Membership, representation and credentials. Participation of non-members. Structure and voting of General Assembly of UN. Structure and voting of Security Council of UN.

Functions and powers of major organs. Securing compliance with obligations: suspension, expulsion, sanctions. UN peacekeeping and dispute settlement. Law making by international institutions. The Economic and Social Council; the Trusteeship Council; the legal concept of self-determination. The International Court of Justice: problems of use and jurisdiction; its role in dispute settlement; its advisory function. The International Labour Organization.

Pre-Requisites: Some knowledge of public international law.

Teaching Arrangements: Teaching is by seminar (LL213), given by **Professor Higgins** and **Dr. P. Birnie**, with 1½ hours per week being offered for 10 weeks in the Michaelmas and Lent Terms and for 6 weeks in the Summer Term, LL213.

Reading List: Schermers, *International Institutional Law*, 2 vols.; Goodrich, Hambro & Simons, *The Charter of the United Nations*; Bowett, *The Law of International Institutions*; Higgins, *The Development of International Law through the Political Organs of the United Nations*; Rosenne, *The Law and Practice of the International Court*.

Required readings of extracts from books, of articles and cases are available in the syllabus issued and are assigned on a weekly basis.

Examination Arrangements: There is a three hour formal examination in the September following the end of the course, based on the entire syllabus. There are usually 9 questions, of which 4 are to be answered. The paper comprises both essay and problem questions.

LL6049

Law of European Institutions

Teacher Responsible: **Mr. T. C. Hartley**, Room A467 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.M. degree. Diploma in International Law.

Scope: This course is concerned with the law relating to the institutions of the European Community and Comecon (constitutional and administrative law).

Syllabus:

Part I: The European Communities (Comparison will be made with other West European organisations, especially the Council of Europe).

1. The Commission, the Council, the

Parliament and the Court: structure and functions.

2. Sources of Community Law: constitutive Treaties, subsidiary conventions, acts of the representatives of the Member States; Community acts: legislative powers, delegation of powers, form and procedure; general principles of law (with special reference to human rights); agreements with third countries.

3. Community Law and National Law: direct applicability, direct effect, the supremacy of Community law; problems raised by national constitutional law, especially in the United Kingdom.

4. Preliminary Rulings: references on interpretation and validity by national courts and tribunals to the European Court.

5. Actions against Member States: enforcement of Community law by means of proceedings brought in the European Court by the Commission or another Member State.

6. Judicial Review of Community Action (with special reference to the rights of individuals): actions to annul Community acts; failure to act; indirect challenge; the plea of illegality; grounds of review.

7. Community Liability: contract, quasi-contract and tort, with special reference to liability for legislative and executive acts and the problem of concurrent remedies in the European Court and in national courts.

Part II: Comparison with Integration in Eastern Europe.

Basic Concepts of Socialist Economic Integration and contrast with EEC - COMECON - International financial institutions - Production-Branch Organisations - Multi-national Enterprises - Association and Co-operation Agreements - Dispute Settlement - Harmonisation and Unification of Law - Comprehensive Programme for Socialist Economic Integration - Long-term Special-purpose co-operation arrangements - Relations with Third Countries, International Institutions, and the EEC.

Pre-Requisites: No previous knowledge of the European Community is expected but general legal skills and some knowledge of constitutional and administrative law (in any system) are required.

Teaching Arrangements:

The European Community

Lectures (LL214): twice weekly, Michaelmas and Lent Terms only. The lectures will be by **Mr. Hartley**. Seminars weekly at King's College by **Professor Jacobs**.

COMECON: (Summer Term)

Seminars at University College by **Professor**

Butler. Materials will be provided.

Reading List: T. C. Hartley, *The Foundations of European Community Law*; Henry G. Schermers, *Judicial Protection in the European Communities*; N. Brown & F. Jacobs, *The Court of Justice of the European Communities*; D. Lasok & J. W. Bridge, *Introduction to the Law and Institutions of the European Communities*; Lawrence Collins, *European Community Law in the U.K.*; Bernard Rudden & Derrick Wyatt, *Basic Community Laws*. Students should buy Rudden & Wyatt and either Hartley or Schermers.

Examination Arrangements: Normal three hour written examination paper. Unmarked copies of Rudden & Wyatt and Sweet & Maxwell's *European Community Treaties* may be taken into the examination.

LL6050
LL6054

Law of European Economic and Monetary Transactions

International Economic Law

Teacher Responsible: **Dr. D. A.**

Chaikin, Room A359 (Secretary, Pam Hodges, A369)

Course Intended Primarily for LL.M. students at London University.

Scope: The aim of the course is to study in detail those aspects of public international law which are concerned with the ownership of natural resources, the production and distribution of goods, invisible international transactions, currency and finance, related services and the organisation of the entities in such activities.

Syllabus:

I. *Fundamentals*. The province, sources, history and sociology of international economic law.

II. *The principles of international economic law*. Economic sovereignty and the co-existence of sovereign and heterogeneous economies. Extraterritorial effects of economic legislation. Immunities from economic sovereignty. Limitations of economic sovereignty (including freedom of commerce, freedom of land and air communications, freedom of inland navigation, freedom of access to the sea and maritime ports, and freedom of the seas). The problem of international economic public policy.

III. *The standards of international economic law*. Function and types, including the minimum standard of international law, the most-favoured-nation standard, the standard of preferential treatment, the standard of

reciprocal treatment, the standard of the open door and the standard of national treatment. The standards of international economic law on the level of international institutions, including the standard of economic good neighbourliness.

IV. *International economic transactions.*

General principles. Treaties of friendship, commerce and navigation. Other economic agreements, including double-taxation agreements, development aid agreements, and agreements for technological co-operation. Unilateral economic acts. International economic torts, with special reference to the protection of foreign investments. The problem of an international economic law of crime.

V. *The law of economic warfare.* Economic reprisals. Economic warfare, with special reference to the position of enemy and neutral property in land and sea warfare. Economic war crimes. War indemnities, reparation and restitution. Collective economic sanctions.

VI. *Patterns of international economic organization.*

A. On the level of partly organized international society; the representation and protection of economic interests abroad, with special reference to relevant aspects of diplomatic and consular relations. International adjudication of economic claims. Economic and financial unions (e.g. monetary unions, customs unions, free trade areas and common markets).

B. On higher levels of international integration: the economic framework of the United Nations. Universalist institutions (e.g. the Bretton Woods institutions and GATT). Regional institutions (e.g. the regional Economic Commissions of the United Nations). Sectional institutions (e.g. international commodity agencies). Supra-national institutions (e.g. the European Communities).

Pre-Requisites: Knowledge of public international law is essential.

Teaching Arrangements: There is a seminar (LL218) of two hours duration each week, accompanied by classes as required. Seminar: Sessional.

Reading List: Recommended: K. W. Dam, *The GATT, Law and International Economic Organisations*; J. Gold, *Legal and Institutional Aspects of the International Monetary System*; J. Jackson, *World Trade and the Law of GATT*; A. Koul, *The Legal Framework of UNCTAD in World Trade*; O. de Rivero, *New Economic Order and International Development Law*; B. Tew, *The Evolution of the International Monetary System*; A. Yusuf, *Legal Aspects of Trade Preferences for Developing States*.

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Supplementary Reading List:

G. Schwarzenberger, *Frontiers of International Law* (ch. 9); A. Rozenthal, *The Charter of Economic Rights and Duties of States in the New International Economic Order*; K. Hossain, *Legal Aspects of the New International Economic Order*; F. Atling von Geusau, *The Lome Convention and a New International Economic Order*; R. Kemper, *The Tokyo Round: Results and Implications for Developing Countries*; B. Gosovic, *UNCTAD - Conflict and Compromise*; J. Fawcett, *Law and International Resource Conflicts*; D. Shea, *The Calvo Clause*; N. Horn, *Legal Problems of Codes of Conduct for Multinational Enterprises*; G. P. Verbit, *International Monetary Reform and the Developing Countries*; G. Goodwin & J. Mayall, *A New International Commodity Regime*; A. Hazlewood, 'The End of the East African Community: What are the lessons for Regional Integration Schemes', in *Journal of Common Market Studies*, Vol. 18, No. 1, p. 40, (1979); U.N. Charter Chs IX and X (1945); Havana Charter (1948); Vienna Convention on the Law of Treaties (1969); U.N. Charter on Economic Rights and Duties of States (1974).

Examination Arrangements: There is a three-hour formal examination in September, based on the full syllabus. The paper contains 10 questions, of which 4 are to be answered. The paper counts for 100% of the assessment of the course.

LL6052

International Protection of Human Rights

Teacher Responsible: Professor R. Higgins, Room A372 (Secretary, Mrs. Susan Hunt, A304)

Course Intended Primarily for LL.M. and Diploma in International Law students.

Scope: Introduction to the rapidly developing international law of human rights, both at a universal and a regional level.

Syllabus:

Conceptual Issues: definitions of human rights; distinguishing features from international law generally; the individual and the state; the relevance of difference cultures, stages of development, ideologies; human rights as absolute or qualified rights.

The UN System and human rights. Detailed examination of the various UN institutions and techniques for the protection of human rights.

The Inter-American System and the OAU and

human rights.

Various non-institutional methods for promoting human rights, including treaty making and the question of the incorporation of international rights into domestic law. *The European Convention on Human Rights:* about half of the course is devoted to a study of the institutions of the European Convention and to case law on particular rights (drawing in large measure on European Convention case law). Among the rights examined through the case law are freedom of expression; access to courts; fair trial; freedom from torture; the right to life; the right to organize and associate; freedom of religion; and others.

Pre-Requisites: Some knowledge of public international law.

Teaching Arrangements: This course (LL226) is taught by 1½ hour weekly seminars (10 in Michaelmas, 10 in Lent, 8 in Summer).

Reading List: All students should purchase Brownlie, *Basic Documents on Human Rights*, (3rd edn.) and Jacobs, *The European Convention on Human Rights*. Required readings of extracts from books, articles, journals, and cases are available in the syllabus issued, and are assigned on a weekly basis.

Examination Arrangements: There is a three hour formal examination in the September following the end of the course. There are usually 9 questions, of which 4 are to be answered.

LL6054

International Economic Law See Law of European Economic and Monetary Transactions LL6050

LL6057

The International Law of Natural Resources

Teacher Responsible: Professor R. Higgins, Room A372 (Secretary, Mrs. Susan Hunt, A304)

Course Intended Primarily for LL.M.

Scope: This course is concerned with

international and transnational law relating to the protection, exploitation and allocation of natural resources. It addresses the problems of all those concerned with natural resources, whether developed or developing countries, whether capital exporting or capital importing, whether resources-rich or lacking in natural resources.

Syllabus: The relevant law and its development: international contracts, *pacta sunt servanda*, vested rights, *restitutio in integrum*, nationalization, compensation. Pressures for change: permanent sovereignty over natural resources, the new international economic order; codes of conduct for multinationals, new methods of investment settlement dispute; coercion and access to natural resources.

Studies of particular resources: petroleum - the UK North Sea experience, licences, controls, regulations; water - pollution, shared access; minerals; and others.

Pre-Requisites: A solid grounding in public international law.

Teaching Arrangements: Teaching is by seminar (LL217), with 1½ hours per week being offered for 10 weeks in the Michaelmas and Lent Terms; and for 6 weeks in the Summer Term.

Reading List: Schachter, *Sharing the World's Resources*; Hossain (Ed.), *Legal Aspects of the New International Economic Order*; Weston, Falk, & D'Amato, *International Law and World Order*; White, *Nationalization of Foreign Property*; Lillich, *The Protection of Foreign Investments*; Fawcett & Parry, *International Law and Natural Resources*; Daintith & Willoughby, *United Kingdom Oil and Gas Law*.

Required readings of extracts from books, of articles and cases are available in the syllabus issued and are assigned on a weekly basis.

Examination Arrangements: There is a three hour formal examination in the September following the end of the course, based on the entire syllabus. There are usually 9 questions of which 4 are to be answered. The paper comprises both essay and problem questions.

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LL6060

International Law of the Sea

Teacher Responsible: Dr. P. W. Birnie, Room A270 (Secretary, Rosemary Maund, A304)

Course Intended Primarily for LL.M. degree also for: M.Sc. Sea-Use Law, Economics and Policy-Making, Diploma in International Law.

Scope: Resources and Uses of the Sea, and applicable international principles, customs and treaties.

Syllabus:

1. Sources of the Law.
2. Historical Development of Principal Concepts.
3. The regime based on the 1958 Geneva Conventions on the Law of the Sea.
 - (i) The Territorial Sea and Contiguous Zone.
 - (ii) Continental Shelf.
 - (iii) Fisheries.
 - (iv) High seas, including Nationality of Ships.
4. Issues covered by the 1982 Law of the Sea Convention.
 - (i) as (i)-(iv) above.
 - (ii) International Straits.
 - (iii) Deep Seabed and Ocean Floor beyond National Jurisdiction.
 - (iv) Landlocked and Geographically Disadvantaged states.
 - (v) Preservation of The Marine Environment.
 - (vi) Marine Scientific Research.
 - (vii) Settlement of Disputes in the 1982 U.N. Convention on the Law of the Sea.
5. Regional Developments.

Pre-Requisites: Some knowledge of basic concepts of International Law.

Teaching Arrangements: One seminar (LL216) each week.

Written Work: Students, individually or in groups, may be asked to present papers for each seminar to be able to benefit from discussions.

Reading List: Brownlie, *Principles of Public International Law* (3rd edn. chs. 9-11) and *Basic Documents in International Law* (3rd edn.); Barston & Birnie, *The Maritime Dimension* (1980); E. D. Brown, *The Legal Regime of Hydrospace*; Churchill & Lowe, *The Law of the Sea* (1983); McDougal & Burke, *The Public Order of the Oceans*; Churchill, Simmonds & Welch, *New Directions in the Law of the Sea*, Vols. I-XI; D. P. O'Connell, *The International Law of the Sea* (Ed. I. A. Shearer) Vol. I (1982), Vol. II (1983); Third U.N. Conference on the Law of the Sea, Documents, Vols. I-XV; Law of the Sea Convention.

Periodicals include: *The American Journal of*

International Law; The British Yearbook of International Law; The International and Comparative Law Quarterly; Ocean Development and International Law; Marine Policy.

A comprehensive reading list to be issued to participants.

Examination Arrangements: 3 hour written examination in September, 9 questions 4 to be answered.

LL6061

Multinational Enterprise and the Law

Teacher Responsible: Mr. P. T. Muchlinski, Room L107 (Secretary, Mrs. Pam Hodges, A369)

Course Intended Primarily for LL.M. students. **Scope:** An interdisciplinary analysis of the legal control of multinational business enterprises, both in national and international law.

Syllabus:

1. *Historical Introduction:* The evolution of the corporate legal form in the home states of MNEs; regulation of early international trading enterprises; the historical growth of the modern MNE.
2. *Structure and Organisation of the MNE:* The forms of international corporate organisation; the evolution of an enterprise from a national to a multinational form; a definition of the MNE; other types of international economic entities.
3. *The Problems created by the MNE:* Managerial problems within the enterprise; the MNE and the nation-state.
4. *The Role of Law in the Regulation of MNEs:* The legal organisation of MNEs and the doctrine of incorporation; the relationship between different jurisdictions and the MNE, the MNE as an object of international regulation.
5. *Regulation by the Home Country* (with emphasis on UK and US law): The control of overseas subsidiaries and the other entities, the remission of overseas profits, the control of relocation and disinvestment from the home jurisdiction.
6. *Regulation by the Host Country*
 - (a) *Specific issues:* Restrictions on entry and establishment, control of capital flows and transfer pricing, control through company law (disclosure, mergers, securities regulation), labour relations control of disinvestment (covering threats by disinvestment by the company, and the threat of expropriation by the state).
 - (b) *Differing National Approaches:* Control of

MNEs in developed and developing countries (with individual case studies from selected countries).

7. *Regional Regulation:* Regulation of MNEs by the following organisations will be studied: EEC, ANCOM, ASEAN, OECD, CMEA.
8. *International Regulation:* The work of the UN, UNCTAD, UNCITRAL. The World Bank Convention for the Settlement of Investment Disputes.

Teaching Arrangements: A one-and-a-half hour weekly seminar (LL233), (10 Michaelmas, 10 Lent and 8 Summer Term respectively).

Reading List: Recommended Text: Wallace, *The Legal Control of Multinational Enterprise*.
Further Reading: Tindall, *Multinational Enterprises* (1975); Hellmann, *Transnational Control of Multinational Corporations* (1977); Tugendhat, *The Multinationals* (1977); Brook & Remmers, *The Strategy of Multinational Enterprise* (1978); United Nations, *Multinational Corporations and World Development*.

A full reading list will be supplied at the beginning of the course.

Examination Arrangements: There will be a formal three-hour paper in September after the end of the course.

LL6075

Industrial and Intellectual Property

Teacher Responsible: Professor W. R. Cornish, Room A455 (Secretary, Jane Heginbotham, A371)

Course Intended Primarily for LL.M.

Scope: The course provides a review of the major topics in this rapidly developing field: patents, copyright, confidential information, industrial designs, trade marks and names.

Syllabus:

Patents: History and economic purpose. British and European patent systems: infringement; validity; ownership; assignments and licences; compulsory licensing and Crown Use; international arrangements.
Confidential Information: Scope of present law; relation to patents and copyright.
Copyright: History and objectives; types of copyright; infringement; ownership and transactions; copyright in special circumstances.
Industrial Designs: Artistic copyright; registered designs.
Trade Marks and Names: Protection at common law; passing off, injurious falsehood.

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Trade marks registration: relation to common law protection: entitlement to register and objections to registered marks: dealings in marks infringement. Relation to consumer protection law.

EEC Law: the impact of free movement and competition rules of the Common Market on intellectual property rights; integration and harmonisation of intellectual property.
Pre-Requisites: No previous knowledge of the subject is required, nor is a scientific background needed for the treatment of patent law.

Teaching Arrangements: The main teaching is by lectures (LL220) given throughout the three terms. From the second half of the second term onwards there are supplementary meetings. It is not essential to attend these latter. They are designed partly to broaden appreciation of particular aspects by bringing in guest speakers and partly to revise material dealt with earlier in the course.

Reading List: The main textbook is W. R. Cornish, *Intellectual Property: Patents, Copyright Trade Marks and Allied Rights* (Sweet & Maxwell, 1981). Other reading is recommended in a guide issued at the beginning of the course and in further detailed lists of cases and materials. Case materials will also be made available.

Examination Arrangements: One three-hour formal examination, in which four questions must be answered. Students are entitled to take into the examination *unmarked* copies of the Patents Act 1977, Copyright Act 1956, Design Copyright Act 1968, Trade Marks Act 1938 and either the *Treaty of Rome* or Sweet & Maxwell's *European Community Treaties*.

LL6076

Company Law

Teacher Responsible: Professor Lord Wedderburn, Room A301 Ext. 390 (Secretary, Rosemary Maund, A304)

Course Intended Primarily for LL.M. students.

Scope: The object of the course is to examine the operation of British Company law (winding-up only in outline) in greater depth than can be attained in a first-degree course.
Syllabus: Corporate personality and types of company. The historical development of companies. The legal capacity and constitution of companies. The concept of capital. Directors as organs and as agents. Formation and flotation of companies. Shares and debentures. The general meeting; majority

and minority shareholders. Duties of directors and those in control. Enforcement of duties in company law. Reconstructions and amalgamations. Liquidation (in outline).

Pre-Requisites: A good knowledge of legal techniques, preferably in a common law system. But most LL.M. students who have a close knowledge of any system of commercial or company law should be able to study this course.

Teaching Arrangements: One inter-collegiate seminar (LL203) is held weekly of 1½ hours (normally Thursday 5.30 p.m.) 10 in Michaelmas, 10 in Lent; 6 to 8 in Summer. Discussions in smaller classes are arranged *ad hoc* for LSE students which are sometimes attended by other graduate students studying company law at a higher level (e.g. M.Phil. or Ph.D.)

Reading List: L.C.B. Gower *Modern Company Law* (and Supplement) plus any company law statutes later in date. (Considerable further reading will be recommended in seminars.) A useful work is Butterworth's *Company Law Handbook*. Students who have no previous knowledge of English Company Law are recommended to read Northey & Leigh, *Company Law* or Boyle & Birds, *Company Law*.

Examination Arrangements: There is a three-hour written paper, taken in the period August-September. Normally it is in two parts, and students are asked to answer questions, in both parts. Answers are required to a certain number of questions; and failure to answer that number of questions may lead to failure in the subject even if the answers offered are above the pass level. Students are allowed to take into the examination an *unmarked* copy of specified statutory materials.

LL6085

Law of Restitution

Teacher Responsible: Professor W. R. Cornish, Room A455 (Secretary, Jane Heginbotham, A371)

Course Intended Primarily for LL.M.

Scope: The course considers in detail the various elements that could properly constitute a law of restitution and the general case for such a classification of rights.

Syllabus: The general principles of the law of restitution, including: theoretical basis; personal and proprietary claims. Acquisition of benefit from plaintiff: mistake; compulsion; necessity; ineffective transactions. Acquisition

of benefit from third party: attornment; subrogation and related rights; intervention without right; improperly paid beneficiaries etc.; voidable preferences and dispositions in fraud of creditors; imperfect gifts. Acquisition of benefit through a wrongful act: waiver of tort; crime; breach of fiduciary relationship. Defences to restitutionary claims.

Pre-Requisites: The course assumes a knowledge of the common law of contract, tort and trusts. Students with only a civil law background have in the past taken the course successfully but only after very intensive study.

Teaching Arrangements: The course has a weekly meeting (LL206) for two hours once a week during each of the three terms. Students are expected to have read and analysed set cases and other materials before each meeting. Discussion of these materials forms the major part of each meeting.

Reading List: The main textbook is R. L. A. Goff and G. H. Jones, *Law of Restitution* (2nd edn., Sweet and Maxwell, 1978). Further material will be found in the Course guide issued at the beginning of the course.

Examination Arrangements: A three-hour formal examination in which both essay and problem questions will be set. Four questions must be answered.

LL6100

The Law of Business Taxation

Teacher Responsible: Mrs. J. A. Freedman, Room A540 (Secretary, Mrs. S. Rayner and Mrs. D. Murphy, A302)

Course Intended Primarily for LL.M. degree.

Scope: The Course aims to introduce students to the principles governing United Kingdom taxation of business enterprises; sole traders, partnerships and companies.

Syllabus:

1. *Introduction to UK taxation of income and capital gains:* general principles of taxation, history, structure, administration, principles governing application of tax legislation by courts, tax avoidance.

2. *Income Tax:* background examination of the definition, ascertainment and computation of this tax generally. Detailed study of income tax on income arising from businesses (Schedule D, Cases I & II).

3. *Capital Gains Tax:* background examination of the definition, ascertainment and computation of this tax generally. Detailed study of special provisions relating to business assets.

4. Partnership Taxation

5. *Corporation Tax:* on income and capital gains; distributions; close companies; groups and consortia; company reorganisations (amalgamations, reconstructions, demergers).

6. *The Foreign Element:* Residence of business enterprises, place of trade, Schedule D, Case V, double tax relief (in outline).

7. *Anti-avoidance Legislation:* "dividend stripping" and transactions in securities.

8. *Capital Transfer Tax* applicable to businesses (in outline only)

9. *Value Added Tax* (in outline only).

Pre-Requisites: An understanding of basic concepts of English Law, especially Company, Partnership and Contract law, is normally required. However, an advanced knowledge of English Company law is not necessary and no previous knowledge of taxation is assumed. The course examines legal principles not methods of computation. Thus no special knowledge of mathematics is required.

Teaching Arrangements: LL205, 30 Sessional (weekly). In addition to the seminars some classes may be arranged during the Summer Term to meet demand.

Reading List: Students are advised to obtain a copy of one of the main text books:

Butterworth's, *U.K. Tax Handbook*; Pinson, *Revenue Law* (Published by Sweet & Maxwell).

It is essential for each student to have a copy of Butterworth's *Yellow Tax Handbook*. The edition current on 1 January of the year in which the examination is held may be taken into the examination room.

During the course, students will be required to consult Simon's *Tax Cases* and the *Tax Cases* series of reports as well as the more commonly used series of *Law Reports*.

Further Reading and Reference:

Whiteman & Wheatcroft, *Income Tax*; Bramwell, *Taxation of Companies*; Whiteman and Wheatcroft, *Capital Gains Tax*; Lawton, Goldberg & Fraser, *The Law of Partnership Taxation*.

Kay & King, *The British Tax System*; Meade Report on *The Structure and Reform of Direct Taxation*; H. H. Munroe, *Intolerable*

Inquisition? Reflections on the Law of Tax;

Report of the Royal Commission on the Taxation of Profits and Income (1955, Cmnd 9474); Report of the Committee on Taxation of Trading Profits (1951, Cmnd 8189);

Corporation Tax (1982, Cmnd 8456); Ashton, *Anti-Avoidance Legislation*; *Sumption Taxation of Overseas Income and Gains*.

The British Tax Review (Periodical).

Inland Revenue Consultative Documents and Explanatory Leaflets.

It is important to ensure that the latest edition of each of these books is used.

Further reading will be recommended during the course.

Examination Arrangements: The course is marked entirely by way of a formal, three-hour examination held in September. The examination is based on the above syllabus as covered by the course of seminars. The paper is divided into two parts: Part A containing essay questions and Part B containing problem questions. The candidate is required to answer three questions; one from Part A and two from Part B. One third of the marks is awarded for each of the three answers.

LL6101

The Law of Personal Taxation

Teacher Responsible: Mrs. R. G. Schuz, Room A358 (Secretary, Mrs. Rosemary Maund, A304)

Course Intended Primarily for LL.M.

Scope: The course aims to introduce students to the principles governing United Kingdom taxation of income, capital gains and capital transfer of individuals, trusts and estates.

Syllabus:

1. Introduction to U.K. taxation of income, capital gains and capital transfers: general principles of taxation, history, structure, administration, principles governing application of tax legislation by courts, tax avoidance.

2. Income Tax — income: The definition, ascertainment and computation of income for tax purposes (excluding Cases I and II of Schedule D and Case V in relation to business profits) and the deductions and allowances which may be set against income. Detailed study of income tax on income arising from employment (Schedule E), annual payments and interest (Schedule D, Case III).

3. Income Tax — individuals: The rules for applying the tax on income to individuals, the reliefs accorded to individuals (double tax in outline only), and the tax treatment of married women.

4. Income Tax — trusts: The rules for applying the tax on income to income from trusts and estates. The provisions relating to the tax on income in respect of pensions and pension contribution schemes (in outline only).

5. The foreign element: The rules as to domicile, resident and ordinary residence of individuals and trustees for tax purposes. Double tax relief (in outline only).

6. Capital Gains Tax: The definition, ascertainment and computation of chargeable gains and losses for Capital Gains Tax and

the rules for applying Capital Gains Tax to individuals, trusts and estates.

7. Capital Transfer Tax: An outline of the principles of Capital Transfer Tax as it affects individuals, estates and trusts, and including the definition and computation of chargeable transfers.

Pre-Requisites: No previous knowledge of taxation is assumed. As students are not required to carry out tax computation, mathematical skills are not necessary.

Teaching Arrangements: Teaching is by seminar (LL204), held weekly — Sessional. In addition some classes will be held during the Summer Term which will be devoted to the discussion of problem questions previously prepared by students.

All seminars and classes will be conducted by Mrs. Schuz.

Reading List: Students are advised to obtain a copy of one of the main textbooks: Butterworths, *U.K. Tax Guide* (Published by Butterworths); Pinson, *Revenue Law* (Published by Sweet & Maxwell).

It is essential for each student to have a copy of Butterworth's, *Yellow Tax Handbook*. The edition current on 1 January of the year in which the examination is held may be taken into the examination room.

During the course, students will be required to consult Simon's *Tax Cases* and the Tax Case series of reports as well as the more commonly used series of Law Reports.

Further Reading and Reference: Whiteman & Wheatcroft, *Income Tax*; Whiteman & Wheatcroft, *Capital Gains Tax*; Simons, *Personal Income Taxation*; Kay & Kay, *The British Tax System*; Meade *Report on the Structure of Reform of Direct Taxation*; H. H. Munroe, *Intolerable Inquisition? Reflections on the Law of Tax*; *Report of the Royal Commission on the Taxation of Profits and Income* (1955, Cmnd. 9474); *Taxation of Husband and Wife*, (Green Paper, 1983, Cmnd. 8093); Ashton, *Anti-Avoidance Legislation*; *Sumption Taxation of Overseas Income and Gains. The British Tax Review* (Periodical). Inland Revenue Consultative Documents and Explanatory Leaflets.

It is important to ensure that the latest editions of these books is used.

Further reading will be recommended during the course.

Examination Arrangements: The course is marked entirely by way of a formal, three-hour examination held in September. The examination is based on the above syllabus as covered by the course of seminars. The paper contains eight questions of which each candidate is required to answer three

questions. One third of the marks is awarded for each question.

LL6110

Individual Employment Law

Teacher Responsible: Mr. R. C.

Simpson, Room A461 (Secretary, Rosemary Maund, A304)

Course Intended Primarily for LL.M. degree.

Scope: The aim of the course is to provide a detailed analysis of the law as it affects the relationship between each individual worker and his or her employer in Britain. Because of its common law base, this has relevance for other common law systems. International influences on British law are part of the course as are social security rights insofar as these are related to employment.

Syllabus: The nature of the individual employment relationship: sources of rules and the significance of contract. The contract of employment: employees contrasted with the self-employed and other special groups; formation of the contract; variation of its terms; continuity of employment; express and implied terms; incorporation of collective terms; pay — guarantee pay and maternity rights; hours of work — time off work and holidays. Freedom of association and the right to work. Sex discrimination and equal pay; racial discrimination. Discipline; termination of employment — dismissal; rights on dismissal — unfair dismissal, redundancy. National insurance and supplementary benefits. The international perspective.

Pre-Requisites: Knowledge of at least one system of labour law or industrial relations an advantage but it is NOT essential.

Teaching Arrangements: A weekly seminar (LL225) is held throughout the year. LL225 — 25 Sessional.

The seminars will cover each topic of the syllabus above in detail. Detailed reading for the seminars is handed out one week in advance. The seminars are usually conducted on the basis of general discussion. Students are advised to write an essay during both the Christmas and the Easter vacations.

Written Work: See above.

Reading List: The following is an essential purchase: Hepple and O'Higgins, *Employment Law*.

Students should also purchase either Butterworth's, *Employment Law Handbook* or Sweet & Maxwell's, *Labour Relations Statutes and Materials*. Subject to confirmation by the examiners, candidates are allowed to take an unannotated copy of one of them into the

examination.

Other important works which should be purchased if possible: Davies & Freedland, *Labour Law Text and Materials*; Kahn Freund, *Labour and the Law*.

Supplementary Reading List: Lewis & Simpson, *Striking a Balance? Employment Law after the 1980 Act*; Elias, Napier & Wallington, *Labour Law Cases and Materials*; Freedland, *The Contract of Employment*; Rideout, *Principles of Labour Law*; Grunfeld, *The Law of Redundancy*.

Examination Arrangements: There is a 3-hour formal examination in September based on the syllabus above. The paper normally contains 10 questions of which four are to be attempted.

LL6111

Law of Management and Labour Relations

Teacher Responsible: Professor Lord Wedderburn, Room A301, Ext. 390 (Secretary, Rosemary Maund, A304)

Course Intended Primarily for LL.M., Law Dept., and for M.Sc. students in Industrial Relations with adequate background knowledge. (LL.M. students should consider the advantages in studying this course together with LL225 Individual Employment Law.)

Scope: This course examines British legal problems arising from collective relationships at the place of work, and the context of industrial relations in which such problems arise. The aim is to study both the legal and the industrial perspectives of such problems in depth.

Syllabus: (in outline) Management and recognition of unions; disclosure of information. Workers' rights and trade unions. Employers' associations. The role of state agencies. Collective bargaining and the law: Legal enforceability; "extension" procedures and collective agreements. Structure of corporate enterprise.

Management and boards of directors; control and duties. "Industrial Democracy".

Industrial discipline and industrial conflict:

strikes, lockouts, etc. The closed shop and dismissal. Job-control; discrimination;

industrial action and discipline of workers.

The place of statutory and other legal regulation in industrial relations. Law and the labour market: training, incomes policy and job subsidies.

Pre-Requisites: This course is suitable primarily for students who have already studied British Labour Law or British

industrial relations. Other graduate law students who have some knowledge of similar systems of law or labour relations may, however, find the course attractive provided they are willing to catch up on background reading before, or early in, the Michaelmas Term. Students who have no knowledge of either English law or British industrial relations will find this course demanding. Students who have inadequate up-to-date knowledge of British labour law should attend lectures in **Labour Law**, Course LL115 in the Michaelmas Term.

Teaching Arrangements: There is normally one 1½ hour seminar (LL224) each week which must be attended regularly. In some years, visiting speakers address the seminar. Students should be prepared to discuss the class papers distributed before each seminar. From time to time they will be asked to make a written presentation.

Reading List: Students should buy and read either O. Kahn-Freund *Labour and the Law* or P. Davies and M. Freedland *Labour Law Text and Materials*; and either Butterworth's *Employment Law Handbook* or Sweet and Maxwell's *Labour Relations Statutes and Materials and Supplement* (plus any labour law statutes later in date than those source books).

Other books: L. C. B. Gower, *Modern Company Law*; B. Hepple and P. O'Higgins, *Employment Law*; K. W. Wedderburn, *The Worker and the Law*; The "Donovan Report" on *Trade Unions and Employers' Associations* (Cmnd. 3623); Wedderburn, Lewis and Clark, *Labour Law and Industrial Relations* (1983); E. Herman, *Corporate Power, Corporate Control*; Wedderburn and Murphy (Eds.), *Labour Law and the Community* (1983).

Other sources will be recommended in the seminar papers.

Examination Arrangements: There is a three-hour written paper, taken in the period August-September. Normally this is in two parts and students are asked to answer questions in both parts. When answers are required to a certain number of questions, failure to answer that number may lead to failure in the subject, even if the answers offered are above the pass level.

LL6112

Labour Law

Teacher Responsible: Mr. R. C. Simpson, Room A461 (Secretary, Rosemary Maund, A304)

Course Intended Primarily for M.Sc. (Industrial Relations and Personnel Management).

Scope: The aim of the course is to examine the role of the law in British industrial relations. It is concentrated primarily on collective labour relations between trade unions and employers but includes some aspects of the individual labour relationship between each worker and his or her employer. Some reference is made to the role of the law in other systems of industrial relations.

Syllabus: The historical development of labour law. Trade unions organisational rights: legal status of trade unions; the individual right to organise and right to dissociate; time off work for union activities; the closed shop. Internal management of trade unions: admission and expulsion; union democracy; union political activities; inter-union relations. Collective bargaining and the law: union recognition; legal status of collective agreements; disclosure of information; "fair wages"; wages councils. Industrial democracy and worker participation. Legal regulation of strikes and other forms of industrial conflict: picketing; individual workers' rights; civil liabilities for organising industrial action. Aspects of individual employment rights: pay; discrimination on grounds of sex and race; unfair dismissal; redundancy.

Pre-Requisites: While any previous knowledge and/or experience of the law in industrial relations is an advantage it is NOT essential.

Teaching Arrangements:

Lectures: LL162 - Elements of Labour Law 20 Michaelmas and Lent Terms.

Seminars: Id115 - Labour Law

The lecture course is intended for students on a wide range of courses, none of which require any prior legal knowledge. It covers all the above syllabus and also some other aspects of individual employment law.

Students with some previous knowledge or experience in particular may find it helpful to attend the more detailed lectures given under the heading LL115 Labour Law 40

Michaelmas and Lent Terms, but attendance at these lectures is not an essential part of the course.

The seminars will cover each topic of the course in detail. They form the core of the teaching of the course. Some joint sessions may be held with the Seminars LL222 Law of Management and Labour Relations, which are

for postgraduate law students.

Written Work: There is no written work required during the course as such, but Labour Law is one of the subjects from which essay titles may be chosen as part of the M.Sc. Industrial Relations and Personnel Management course work requirements in the first two terms. Students will normally be required to present seminar papers during the course.

Reading List: Students are advised to purchase the following: Kahn-Freund, *Labour and the Law*; Lewis & Simpson, *Striking a Balance? Employment Law after the 1980 Act*.

If possible, they should purchase, and if not they should consult regularly: Davies & Freedland, *Labour Law, Text and Materials*.

Supplementary Reading List: Elias, Napier & Wallington, *Labour Law, Cases and Materials*; Hepple & O'Higgins, *Employment Law*; Wedderburn, *The Worker and the Law*; Rideout, *Principles of Labour Law*; Grunfeld, *Modern Trade Union Law*; Kidner, *Trade Union Law*; Bain (Ed.), *Industrial Relations in Britain*; Brown (Ed.), *The Changing Contours of Industrial Relations*; Clegg, *The Changing System of Industrial Relations in Great Britain*. The "Donovan" Report of the Royal Commission on Trade Unions and Employers' Associations.

Examination Arrangements: There is a 3-hour formal examination in the Summer Term based on the syllabus above. The paper contains 10-12 questions of which 3 are to be answered.

LL6120

Comparative Criminal Law and Procedure

Teacher Responsible: Professor L. H. Leigh, Room A541 (Secretary, Mrs. S. Hunt, A304)

Course Intended Primarily for LL.M. and may be taken by Diploma in Criminal Justice students with permission.

Scope: The aim of the course is to discuss problems in the criminal process via comparative law.

Syllabus: For the year 1984/85 it is expected that the following matters will be stressed: Theory of mens rea; Mistake; Necessity and duress; Parties to crime; problems of drink and drugs; Strict liability; Group liability; Mentally disordered offenders; Self-defence; Sexual offences including rape; Violence in sport; Theft; Fraudulent trading; Fraud; Pre-trial criminal procedure; Comparative

criminal procedure at trial; Plea bargaining; Double jeopardy; Committal proceedings.

Pre-Requisites: The only pre-requisite is admission to the LL.M. programme. The course is, however, not suitable for Diploma students who have no background in law.

Teaching Arrangements: This course is taught by 30 1½ hour seminars (LL210) in Michaelmas, Lent and Summer Terms. Seminars are held at the Institute of Advanced Legal Studies.

Written Work: Students are not required to submit written work. It is however desirable that we do so and students are encouraged to prepare papers for seminar discussion. Verbal participation in seminars is obviously essential.

Reading List: The following is a minimal reading list - for a detailed list please see the annual handout for the course. Books marked with an asterisk should be purchased. The basic books are: G. L. Williams, *Textbook of Criminal Law* (1978)*; G. P. Fletcher, *Rethinking Criminal Law* (1979)*; A. V. Sheehan, *Criminal Procedure in Scotland and France* (1976); J. Langbein, *Comparative Criminal Procedures: Germany* (1977); A. S. Goldstein, *The Passive Judiciary* (1981); L. H. Leigh & J. E. Hall Williams, *Denmark, Sweden and The Netherlands* (1982); C. Hampton, *Criminal Procedure* (3rd edn., 1982)*.

Examination Arrangements: This course is examined by a three hour paper in late August or early September. Ten questions are normally set of which four must be answered.

LL6121
LL6126

Theoretical Criminology

Teacher Responsible: Professor Hall Williams, Room A504 (Secretary, Jane Heginbotham, A371)

Course Intended Primarily for LL.M., also available for Diploma in Criminal Justice.

Scope: This is a new course based on the previous Criminology course expanded to deal only with the theory of criminology leaving out the methods part and the specific crimes, which are translated to the new course on Applied Criminology. It is suitable for students taking the Diploma in Criminal Justice.

Syllabus: The origin and development of crime studies: the classical and positivist schools of criminology, and their relation to modern criminology. The contribution of

anthropological studies to the explanation of crime. Genetic and other biological influences (including twin studies, chromosome studies). Psychoanalytical explanations of criminal behaviour. Psychological theories and criminal behaviour. Mental illness, subnormality, psychopathy and crime. Sociological influences: family factors, area influences, gang studies. Cultural and subcultural theories of crime. The influence of social class and economic factors. The interactionist approach, labelling theory and the social deviance perspective. Radical criminology. Female crime. The facts about crime as derived from official sources and self-report and victim studies. Prediction studies.

Pre-Requisites: Since this is a postgraduate course, an LL.B. or its equivalent.

Teaching Arrangements: A weekly seminar lasting one and a half hours in the Michaelmas, Lent and Summer Terms.

Professor Hall Williams will present an outline of the subject in the first hour, leaving time for discussion in the last half hour. 3 seminars will be given by **Mr. Freeman** (Kings College) on **Psychological Theories** and 6 seminars will be given by **Mr. Lynch** (King's College) on **Sociological Influences**.

Lectures: LL221 - 27 lectures Sessional beginning 12 Oct.

Written Work: Students will be encouraged in the second half of the course to prepare and present papers to the seminar. Copies of these papers will be supplied to the other students.

Reading List: N. Walker, *Crime and Punishment in Britain* (2nd. edn., 1968); R. Hood & R. Sparks, *Key Issues in Criminology*, 1970; E. H. Sutherland & D. R. Cressey, *Criminology* (10th edn., 1978); D. J. West, *The Young Offender* (Pelican, 1967); J. B. Mays, *Juvenile Delinquency, the Family and the Social Group*; W. G. Carson & P. Wiles, *Crime and Delinquency in Britain*; Laurie Taylor, *Deviance and Society* (1971); Taylor, Walton & Young, *The New Criminology* (1973); M. Phillipson, *Sociological Aspects of Crime and Delinquency* (1971); J. E. Hall Williams, *Criminology and Criminal Justice*.

Supplementary Reading List: will be given during the course.

Examination Arrangements: There will be one three-hour examination which will count for 100 per cent of the marks.

Applied Criminology

Teacher Responsible: Professor Hall Williams, Room A504 (who will act as Co-ordinator of the course) (Secretary, Jane Heginbotham, A371)

Course Intended Primarily for LL.M.

Scope: This course is on an inter-collegiate basis, dealing with research methods in criminology and reviewing the research which has been done on specific crimes. It is hoped to devote five seminars to research methods and the rest will be contributed by different teachers in the University of London.

Syllabus:

1. *Research Methods in Criminology:*

Hypothesis development. Data collection. Sampling and survey techniques. Data analysis. The use of computers in criminological research. Limitations and constraints.

2. *The Criminology of Specific Offences:* The types of offence, offenders and victims, including: Homicide, Violent crime (including street crime), Crimes of Dishonesty (including shoplifting), Crimes of Damage to Property (including arson and vandalism), Sexual crime (including rape, incest and offences against children), Occupational and business crime, Political crime, Organised crime, Road traffic offences, Alcohol and drug abuse in relation to crime.

3. *The Prevention of Crime:* The police and prevention. Neighbourhood controls. Public attitudes and values. Individual protection.

Pre-Requisites: Since this is a post-graduate course, an LL.B. or its equivalent.

Teaching Arrangements: A weekly seminar lasting one and a half hours in the Michaelmas, Lent and Summer Terms. The usual pattern is a lecture followed by discussion but this may vary, and there is scope for presentation of papers by students. The five methods seminars will be given by invited teachers from the relevant departments. The 'specific crimes' seminars will be given by different teachers according to their particular research interests. The teachers are drawn from the law faculties of King's College, University College, Queen Mary College, and LSE. All seminars will be held at the Institute of Advanced Legal Studies.

Lectures: LL222 - 25 Seminars Sessional.

Thursday 1630 - 1800 IALS begin 14 Oct.

Written Work: Students may have an opportunity to prepare and present papers to the seminar. Copies of these papers will be supplied to the other students.

LL6122

Reading List: will be supplied at the commencement of the course.

Examination Arrangements: There will be one three hour examination which will count for 100% of the marks.

Sentencing and the Penal Process

Teacher Responsible: Dr. S. Saeed (University College London) will act as co-ordinator. At LSE, questions may be addressed to Professor Hall Williams, Room A504 (Secretary, Jane Heginbotham, A371)

Course Intended Primarily for LL.M., also available for Diploma in Criminal Justice.

Scope: This course is taught on an inter-collegiate basis, and held at the Institute of Advanced Legal Studies, Russell Square. The sentencing part reviews the aims of punishment, the work of sentencers, and the information they receive in reports. There follows a review of the penal process including custodial measures such as prison and non-custodial measures available in England and Wales. Where possible comparative references are made but this is primarily a course on the English penal system.

Syllabus:

1. *Sentencing.* The aims of punishment for crime. The information for the sentencing court (including police antecedents reports, social inquiry reports and medical reports). Psychiatric evidence. Disparities in sentencing, the research findings. Remedies and techniques for improving the sentencing process. Training sentencers. Alternative sentencing structures. Selected issues in sentencing, including: life and long sentences; recidivism and the dangerous offender; exemplary sentences and deterrence; the mentally-disordered offender; the petty inadequate offender.

2. *The Penal Process.* History of the English prisons. Aims of the modern prison system. Organisation of prisons. The pressures on the prison system. Problems concerning accommodation, staff (including recruitment and training), classification of prisoners, and security. Employment of prisoners and pay or earnings. Education and training of prisoners. Welfare and leisure activities. Release procedures, including remission and parole. Prison disciplinary proceedings, the rights of prisoners and their protection under English law and the European Convention on Human

LL6124

Rights. The "Justice" model and the "Treatment" model. Evaluation of the effectiveness of prison. The provisions concerning the custody of young adult offenders.

3. *Non-Custodial Measures.* Probation, including both "traditional" probation and new developments involving the probation and after-care service. Community service orders. Other alternatives to prison: The suspended sentence. The fine. Absolute and conditional discharges. Bind-overs. Restitution and compensation. "Diversion" schemes. Voluntary hostels and after-care schemes.

4. *Crime Prevention.* The police and public attitudes towards crime. The relation of research to criminal policy.

Pre-Requisites: Since this is a post-graduate course, an LL.B. or its equivalent.

Teaching Arrangements: A weekly seminar lasting one and a half hours, which usually takes the form of a lecture by the teacher concerned followed by discussion, though the pattern may vary. Individual teachers drawn from the law faculties of the University of London will each contribute according to their fields of interest and research.

Seminars: LL223 26 Sessional, Wednesdays 16.30 - 18.00 IALS, begin Oct.

Written Work: Students may have an opportunity to prepare and present papers to the seminar. Copies of these papers will be supplied to the other students.

Reading List: R. Cross, *The English Sentencing System* (3rd edn. 1975); N. Walker, *Sentencing in a Rational Society*, 1969; D. A. Thomas, *Principles of Sentencing* (2nd edn., 1979); R. Cross, *Punishment, Prison and the Public*, 1971; Baldwin & Bottomley, *Criminal Justice, Selected Readings*, 1970; J. E. Hall Williams, *The English Penal System in Transition*, 1970; *Changing Prisons*, 1975; *Criminology and Criminal Justice*, 1982; Home Office, *Prisons and the Prisoner*, H.M.S.O., 1977; N. Tutt (Ed.), *Alternative Strategies for Coping with Crime*, 1978; *The Sentence of the Court*, H.M.S.O.; Powers of Criminal Courts Act, 1973; Annual Reports of the Prison Department, Home Office; Annual Reports of the Parole Board, Home Office; Home Office Research Unit Publications; Reports of the Advisory Council on the Penal System; House of Commons, Home Affairs Committee, Fourth Report, 1980.

Supplementary Reading List: will be given during the course.

Examination Arrangements: There will be one three-hour examination which will count for 100% of the marks.

653 Law

Theoretical Criminology

See LL6121

LL6126

Marine Insurance

Teachers Responsible: Professor A. L. Diamond and Mr. P. T. Muchlinski, Room L107 (Secretary, Mrs. Pam Hodges, A369)

Course Intended Primarily for LL.M. students.

Scope: A detailed analysis of the law of marine insurance, including its historical evolution and commercial context.

Syllabus:

1. *Introductory Topics:* The evolution of marine insurance, the marine insurance business, the development of legal regulation of marine insurance transactions, the Marine Insurance Act 1906.

2. *The Principles of Marine Insurance Law:*

(a) *The making of the contract:* The nature of the marine insurance contract, the avoidance of wagering or gaming contracts, insurable interest, duties of a broker in effecting the policy, non-disclosure, misrepresentation, the premium.

(b) *The Policy:* The types of policies, form and contents, designation of subject-matter, attachment and duration of risk, perils insured against, risks covered by Protection and Indemnity Associations, the Exceptions, Termination and Cancellation, rectification and alteration warranties, assignment, construction of the policy, the Duties Authority and Rights of the broker after effecting the policy.

(c) *Loss and Abandonment:* Types of loss, actual total loss, constructive total loss, abandonment.

(d) *The Measure of Indemnity:* Total loss, Partial Loss of ship, freight and goods, liabilities of third parties, sue and labour clause.

(e) *The Rights of the Insurer on Payment:* Subrogation, the right of contribution.

(f) *Reinsurance:* The relation between the original assured and the reinsurer, the relation between the reassured and the reinsurer.

(g) *Mutual Insurance*

Pre-Requisites: A general knowledge of the law of contract is essential.

Teaching Arrangements: There is a weekly seminar (LL234) of one-and-a-half hours duration (10 Michaelmas, 10 Lent and 6 in the Summer Term respectively).

Reading List: The recommended text is Ivamy, *Marine Insurance* (3rd edn. and supplement).

LL6142

Other Books: Chalmers, *Marine Insurance Act 1906* (9th edn., Ivamy 1983); Arnould, *The Law of Marine Insurance and Average* (16th edn., by Mustill & Gilman, 1981, Vols. 9 & 10, British Shipping Laws); Dover, *Analysis of Marine Insurance Clauses* (8th edn., 1960); Martin, *The History of Lloyds and of Marine Insurance in Great Britain* (1876); Wright & Fayle, *A History of Lloyds* (1928).

A full reading list will be distributed at the beginning of the course.

Examination Arrangements: There will be a three-hour formal examination in the September following the course.

LL6150

Comparative Constitutional Law I

Teachers Responsible: Professor L. H. Leigh, Room A541 (Secretary, Mrs. S. Hunt, A304) and Mr. P.

Creighton, King's College, London. Course Intended Primarily for LL.M. students, but may also be taken by M.Sc. students.

Scope: The aim of the course is to discuss problems of comparative federalism with special reference to the constitutions of the United States of America, Canada and Australia.

Syllabus:

- I. General principles of federalism and the constitutional structures of the United States, Canada, and Australia (in outline). The influence of the imperial structure and the American example in the case of Canada and Australia.
- II. Government institutions and the federal principle. First and second chambers. Parliamentary and congressional government and the representation and rights of states and provinces. The federal executive and regional representation. The influence of conventions of the constitution.
- III. The judicial structure of the federal principle: the United States contrasted with Canada and Australia. Arguments for and against the several judicial systems.
- IV. The doctrine of the separation of powers: the United States and Australia contrasted with Canada; definition of powers; delegation of legislative powers.
- V. General principles governing the allocation of legislative powers. Doctrine of implied immunity of instrumentalities. Doctrine of inconsistency. The judicial function in constitutional cases: advisory opinions, political questions.

VI. The regulation of trade and commerce. Freedom of trade within the three federal systems; the effect of other specific powers in the regulation of trade and commerce.

VII. Finance. The allocation of taxing powers. The spending power of the federal governments; intergovernmental grants; the machinery of fiscal allocation in the three systems.

VIII. External affairs: the power to enter into and implement external obligations. Relations between the states and provinces and foreign governments, and between the federal government and foreign governments.

IX. Aspects of constitutional protection of fundamental rights and the rights of minorities. The effect of a Bill of rights on federal-state relationships.

Pre-Requisites: The course is most suitable for students who have previously studied a federal constitution.

Teaching Arrangements: This course is taught by 30½ seminars (LL200) in Michaelmas, Lent and Summer Terms. Seminars are held at the Institute of Advanced Legal Studies.

Written Work: Students are not required to submit written work. It is however desirable that they do so and students are encouraged to prepare papers for seminar discussion. Verbal participation in seminars is obviously essential.

Reading List: The following represents a minimum list. Further reading is assigned on the reading lists prepared for seminars.

Reference may be made to this which is distributed as a course handout. L. Tribe, *American Constitutional Law* (1978); P. W. Hogg, *Canadian Constitutional Law*; D. Lumb & K. Ryan, *The Constitution of Australia*; W. A. Wynes, *Legislative, Executive and Judicial Powers in Australia*; G. Sawyer, *Modern Federalism*.

Examination Arrangements: This course is examined by a three hour paper in late August or early September. Ten questions are normally set of which four must be answered.

LL6156

Public Interest Law

Teachers Responsible: Dr. Carol Harlow, Room A463 and Mr.

Richard Rawlings, Room A356

(Secretaries, Jane Heginbotham, A371 and Susan Hunt, A304)

Course Intended Primarily for LL.M.

Scope: The emphasis is on the use of litigation and 'public advocacy' (e.g. lobbying by representation) to advance the cause of interest groups and/or 'the public interest'.

We focus in particular on the procedures and institutions, both legal and political, by which access to the decision-making process may be achieved. Materials from social and political science will be used.

Syllabus:

A. Legal Action and the Administrative Process

(a) Introductory: students will be expected to have an understanding of the main methods of recourse to courts, including Order 53 procedure, and the remedies available.

(b) facilitating legal action:

- (i) legal aid and advice;
- (ii) the law centre movement;
- (iii) para-legal advice (e.g. Citizens' Advice Bureaux);

(iv) tribunal representation and advocacy.

(c) substitutes for individual action:

- (i) the class and representative actions;
- (ii) the relator action (see below) and local authority actions;
- (iii) test case strategy (with particular reference to welfare law and prisoners' rights).

B. Access to the Political Systems

(a) The constituency MP: grievances and interest representation (with special reference to immigration and social assistance).

(b) The central government department; grievances and interest representation.

C. Access to Official Information

(a) Parliamentary techniques (questions, Select Committees, debates etc.).

(b) The ombudsman as 'a window on administration'.

(c) Litigation: discovery of documents, public interest immunity and contempt of court.

(d) 'Freedom of Information' legislation, Data Protection and the Official Secrets Acts.

D. Public Advocacy

(a) The office of Attorney-General and other public interest representation.

(b) Semi-autonomous agencies; extended case studies will be made of institutions such as:

- (i) The Commission for Racial Equality

- (ii) The Equal Opportunities Commission
- (iii) The Supplementary Benefits Commission and the Social Security Advisory Committee.
- (iv) United Kingdom Immigrants Advisory Service.

E. Interest Groups

Composition of activities; case studies will be made of areas of activity such as:

- (i) environmental protection;
- (ii) immigration control;
- (iii) welfare and housing;
- (iv) civil liberties and the legal process.

F. Extra-Judicial Redress of Grievance

Comparison will be made of the following complaints systems, with special reference to negotiation, conciliation and interest representation; adversarial and inquisitorial procedure; and stimulation of administrative grievance procedure.

(a) Ombudsman techniques

(i) the Parliamentary Commissioner for Administration.

(ii) The Commission for Local Administration.

(iii) The Health Service Commissioner.

(b) The Police complaints system

(c) Complaints about:

- (i) the legal process;
- (ii) the nationalised industries;
- (iii) the National Health Service.

Pre-Requisites: Some knowledge of a common law system of administrative law will be helpful but not essential.

Teaching Arrangements: There will be 30 two-hour seminars meeting weekly (time and place to be arranged) and the subject will be examined by a 3-hour examination at the end of the year. There will be the opportunity to contribute papers and to develop research interests through the year.

Reading List: The proposed course book will be Harlow & Rawlings, *Law and Administration* (1984). Much of the reading will be from the extensive periodical and pamphlet literature. More detailed reading lists on specific topics will be issued from time to time. A study guide is filed in the LSE library.

LL6176

Soviet, East European and Mongolian Law

Teachers Responsible: Jointly

Professor I. Lapenna, L.S.E. Room K300 (Secretary, Mrs. Pam Hodges, A369) and Professor W. E. Butler (U.C.).

Course Intended Primarily for LL.M.

Scope: The aim of the course is to provide students with a wider and deeper knowledge of the so-called "socialist" legal systems of the U.S.S.R., East-European countries and Mongolia.

Syllabus: General introduction for all students: history; source materials: Marxist and Leninist theories of State and law; concept of ownership; constitutional framework; role of the Communist Party; judicial system; the legal profession; system. Special subjects: A study of two of the following subjects:

- (a) History of Marxist Legal Thought,
- (b) Theories on Legal History,
- (c) Criminal Law and Procedure,
- (d) Constitutional and Administrative Law,
- (e) Economic Law,
- (f) Labour Law,
- (g) Family Law,
- (h) Natural Resources and Environment Law,
- (i) Collective Farm (*Kolkhoz*) Law,
- (j) Criminology and Correctional Labour Law,
- (k) Socialist and Economic Integration,
- (l) Soviet and East European Attitudes Toward Public International Law.

The special subjects available will be announced at the beginning of the academic year. The emphasis as between Soviet and East European or Mongolian law in each option is at the discretion of the teachers.

Pre-Requisites: Knowledge of Russian or East European languages is not required, but students are expected to familiarise themselves with some technical legal terms in these languages.

Teaching Arrangements: One seminar (LL211) of 1½ hours per week, Sessional (Professor Lapenna or Professor Butler)

Written Work: 3 essays of about 3000 words each, one relating to the general introduction, and two others to questions dealt with in the two chosen options. Professor Lapenna and Professor Butler are responsible for setting, marking and discussing the essays in their respective parts of the course.

Reading List: (a) **Bibliography:** W. E. Butler (Ed.), *Russian and Soviet Law: Writings on Soviet Law and Soviet International Law*; P. S. Romashkin (Ed.), *Literature on Soviet Law*.

(b) **Books:** H. Babb (trans), *Soviet Legal Philosophy*; D. D. Barry & Ors. (Ed.), *Soviet Law After Stalin*, Vol. I-III; W. E. Butler, *Soviet Law*; H. J. Berman, *Justice in the U.S.S.R.*; O. Bihari, *Socialist Representative Institutions*; M. Cain & A. Hunt, *Marx and Engels on Law*; K. Grzybowski, *Soviet Legal Institutions*; J. N. Hazard, *Communists and their Law*; M. Jaworskyj, *Soviet Political Thought: An Anthology*; H. Kelsen, *The Communist Theory of Law*; I. Kovacs, *New Elements in the Evolution of Socialist Constitutions*; I. Lapenna, *State and Law: Soviet and Yugoslav Theory; Marxism and the Soviet Constitutions; Soviet Penal Policy*.

(c) **Casebooks:** J. N. Hazard & Others (Eds.), *The Soviet Legal System*; Z. Zile, *Ideas and Forces in Soviet Legal History*.

(d) **Journals and periodicals:** *Law in Eastern Europe*, *Osteuropa Recht*, *Review of Socialist Law*, *Soviet Law and Government*, *Soviet Statutes and Decisions*.

Supplementary Reading List: Further reading will be assigned for students taking options (a) to (l).

Examination Arrangements: A three hour written examination in September based on the general introduction and the two options chosen by the students. The paper consists of one section (four questions) related to the General Introduction of the course (Section A), and as many other sections (two questions in each) as there are options among (b) and (l) above, which have been taught during the academic year. Candidates are required to answer four questions: two from Section A (General) and one each from two of the remaining sections. One quarter of the marks are awarded for each of the four answers.

Copies of previous years papers are available.

Philosophy, Logic and Scientific Method Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
Ph100	Introduction to Scientific Method Dr. J. Worrall	25/MLS	Ph5120; Ph6200; Ph6208
Ph102	Scientific Method Professor J. Watkins	10/M	Ph5230; Ph6200
Ph103	Social Philosophy Dr. J. Hall	25/MLS	Ph5250; Ph6250
Ph104	Methodology of the Social Sciences Professor J. Watkins	10/L	Ph5230; Ph6208
Ph105	Philosophy of Economics Mr. K. Klappholz, Professor J. Watkins and Dr. M. Perlman	16/LS	Ph5320; Ph6208
Ph106	History of Modern Philosophy: Bacon to Hume Dr. E. G. Zahar, Dr. C. Howson and Professor J. Watkins	25/MLS	Ph5300; Ph6204; Ph6205
Ph107	Kant Dr. E. G. Zahar	10/M	Ph5300; Ph6204; Ph6205
Ph108	History of Epistemology after Kant Dr. E. G. Zahar	13/LS	Ph5310; Ph6204; Ph6205
Ph109	The Rise of Modern Science Dr. E. G. Zahar	25/MLS	Ph5240; Ph6207
Ph110	Fundamental Ideas in Classical and Relativist Physics Dr. E. G. Zahar	15/LS	Ph7024; Ph6204; Ph6205
Ph111	Probability and Induction Dr. C. Howson	10/L	Ph5230; Ph5310; Ph6200; Ph6205
Ph112	Introduction to Logic Dr. J. Worrall	25/MLS	Ph5200
Ph114	Introduction to Mathematical Logic Dr. C. Howson	25/MLS	Ph5201; Ph5220; Ph6201

Lecture/ Seminar Number			Study Guide Number
Ph115	Mathematical Logic: Incompleteness and Undecidability Dr. C. Howson	20/ML	Ph5221; Ph5222; Ph6202
Ph116	Philosophy of Mathematics Dr. J. Worrall	10/M	Ph5220; Ph5315; Ph6201; Ph6206
Ph117	Problems of Metaphysics Professor J. Watkins	20/ML	Ph5310; Ph6205
Ph120	Philosophy and Scientific Method — Seminar Professor J. Watkins and others	30/MLS	Ph6200
Ph122	Scientific Method and Epistemology — Seminar Dr. J. Worrall, Dr. C. Howson and Dr. G. Currie	20/ML	Ph6200
Ph123	History and Philosophy of Science and Mathematics — Seminar Dr. E. G. Zahar and Dr. J. Worrall	25/MLS	Ph6204; Ph6205; Ph6207
Ph124	Philosophy of the Social Sciences — Seminar Professor J. Watkins and Mr. K. Klappholz	20/ML	Ph5320; Ph6208
Ph125	Epistemology and Metaphysics — Seminar Dr. E. G. Zahar and Dr. H. Fields	19/ML	Ph6205
Ph127	Logic and Scientific Method Graduate — Seminar Dr. H. Fields	25/MLS	Ph6200
Ph128	Philosophy of Mathematics — Seminar Dr. J. Worrall	10/L	Ph5315; Ph6206
Ph129	Social Philosophy — Seminar Dr. J. Hall	25/MLS	Ph6250
Ph130	Problems of Metaphysics — Seminar Professor J. Watkins	16/ML	Ph5310
Ph131	Logic and Metaphysics — Seminar Dr. G. Currie	10/M	Ph6205

Philosophy, Logic and Scientific Method

Ph5200

Introduction to Logic

Teacher Responsible: Dr. John Worrall, Room A211 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Soc. Psych., Soc.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Scope: The aim of the course is to teach the student to recognise and formulate correct arguments or inferences from given assumptions.

Syllabus: A: The importance and scope of clear, deductive reasoning. The main problem of logic; which inferences or deductions are 'correct' or valid? The related problems of which sets of assumptions are consistent and of which sentences are logically true ('true in all possible worlds'). Truth-functional logic: a restricted system in which many intuitive inferences can be formally expressed and a decision about their validity arrived at via a finite decision procedure.

B: First-order predicate logic: a system in which the overwhelming majority of inferences both from ordinary discourse and from mathematics and science are adequately representable; rules of proof for first-order logic and proofs of validity; the method of interpretation: invalidity of inference, consistency and independence; first-order logical truth and falsity. First-order logic with equality.

C: Informal arguments: how formal logic helps in the analysis of these; articulating 'hidden assumptions', detecting fallacies. A brief account of some problems in the foundations of logic including the 'paradoxes' of set theory and of truth. Logic and the foundations of mathematics: the power of, and limitations of the axiomatic method; completeness, incompleteness and undecidability.

Pre-Requisites: None. Prospective students should not be afraid of symbolic reasoning but no formal mathematical background is presupposed.

Teaching Arrangements: There will be 25 lectures (Ph112) (Sessional) and weekly classes (Ph112a). Problem sheets will be handed out in the lectures and students will be expected to complete the exercises and discuss them in the class.

Reading List: Patrick Shaw, *Logic and its*

Limits. (This is a useful introductory book but does *not* begin to cover the syllabus.) There are various text books, which do cover sections A and B of the syllabus. The most helpful of which is: P. Suppes, *Introduction to Logic.*

Background Reading: R. Smullyan, *What's the Name of this Book?*; E. Nagel & J. R. Newman, *Gödel's Proof.*

A full set of lecture notes will be distributed.

Examination Arrangements: The examination paper will contain about 12 questions arranged in three sections corresponding to the three parts of the syllabus. Section A: truth-functional logic. Section B: first order predicate logic. Section C: general questions on the foundations and applications of logic. Candidates are required to answer five questions, AT LEAST ONE question from each section and no more than two from Section A.

Ph5201

Introduction to Mathematical Logic

Teacher Responsible: Dr. C. Howson, Room A209 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil.; M.Sc. Logic and Sci. Method; M.Sc. Soc. Phil.; Dip. Logic and Sci. Method; Dip. Soc. Phil.

Syllabus: Propositional logic (the theory of negation, 'and', 'or', 'if . . . then' and truth-functions generally). Predicate languages of first order. Axiomatisation of first-order validity. Interpretations and models.

Pre-Requisites: None.

Teaching Arrangements: One one-hour lecture (Ph114), **Introduction to Mathematical Logic**, per week during the Michaelmas and Lent Terms and for the first five weeks of the Summer Term, combined with one one-hour class (Ph114a) per week during the Michaelmas and Lent Terms. Exercises will be regularly distributed and worked through in the classes.

Reading List: A complete set of lecture notes will be distributed. For auxiliary reading E. Mendelson, *Introduction to Mathematical Logic.* Chapters 1 and 2 will be useful.

Examination Arrangements: One three-hour paper of ten questions, of which four must be completed correctly to obtain full marks. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

Ph5210 Introduction to Scientific Method

Teacher Responsible: Dr. J. Worrall,
Room A211 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.)
Part I, B.Sc. Course Unit 500/5210 B.Sc.
(Econ.) Part II (for students not specialising
in Philosophy).

Scope: A study of the general features of
scientific reasoning both in the physical and
human sciences. The aim of the course is to
teach the student to evaluate systematically
and critically claims that certain conclusions
(that the earth moves, that light consists of
photons, that smoking causes cancer, that
environmental factors are the main
determinants of IQ scores, etc. etc.) are
scientifically justified.

Syllabus: I. A general introduction to
scientific reasoning and its importance. A
basic introduction to valid deductive
reasoning: drawing consequences from
assumptions.

II. The structure of fundamental scientific
theories: Newton's theory of universal
gravitation and Mendel's theory of inheritance
as examples. The crucial notion of a *test* of a
scientific theory: conditions for a genuine test;
some fallacies of theory testing and
pseudoscience; reactions to refutations:
successful defence of a theory *vs ad hoc*
manoeuvres; reactions to success: what is
involved in 'accepting' a theory?

III. A basic introduction to statistical
hypotheses and probability theory. Testing
statistical hypotheses. What is involved in
acceptance and rejection of statistical
hypotheses? Correlations and causes. Causal
hypotheses in the medical and social sciences:
the importance of 'controls'.

IV. Are there limits to the applicability of
scientific methods in the human and social
areas?

Pre-Requisites: None. In particular, the
treatments of logic, of the scientific examples
and of statistics and probability are
elementary and self-contained.

Teaching Arrangements: There is one lecture
course (Ph100) of 25 lectures and an
associated series of classes (Ph100a).

Written Work: Question-sheets will be handed
out at the lectures; students will be expected
to prepare written answers and discuss their
answers in class. There will also be the
opportunity for more general discussion in
class.

Reading List: The book which covers parts I
to III of the syllabus and which all students

must purchase is: Ronald N. Giere,
Understanding Scientific Reasoning.
Recommended Further Reading List: S.
Campbell, *Flaws and Fallacies in Statistical
Thinking*; M. Gardner, *Fads and Fallacies in
the Name of Science*; M. Gardner, *Science -
Good, Bad and Bogus*; E. Nagel, *The Structure
of Science*; I. Hacking, *The Logic of Statistical
Inference*; D. Huff, *How to Lie with Statistics*;
P. Kitcher, *Abusing Science*; L. I. Krimerman
(Ed.), *The Nature and Scope of Social Science*;
C. G. Hempel, *Philosophy of Natural Science*;
T. S. Kuhn, *The Structure of Scientific
Revolutions*; I. Lakatos, 'The Methodology of
Scientific Research Programmes'
(*Philosophical Papers*, Vol. I); K. R. Popper,
Conjectures and Refutations; J. Randi, *Flim
Flam*.

Examination Arrangements: Assessment both
for Part I and Part II candidates is based
entirely on a three-hour formal examination
in the Summer Term.

Ph5220
Ph6201

Logic

Teacher Responsible: Dr. C. Howson,
Room A209 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.)
Part II Philosophy; B.Sc. c.u. main field
Chem. and Phil. M.Sc. Logic and Sci.
Method; M.Sc. Soc. Phil.; Dip. Logic and Sci.
Method; Dip. Soc. Phil.

Syllabus: Propositional logic (the theory of
negation, 'and', 'or', 'if . . . then' and truth-
functions generally). Predicate languages of
first order. Axiomatisation of first-order
validity. Interpretations and models.

Pre-Requisites: None.

Teaching Arrangements: One one-hour lecture
(Ph114), *Introduction to Mathematical Logic*,
per week during the Michaelmas and Lent
Terms and for the first five weeks of the
Summer Term, combined with one one-hour
class (Ph114a) per week during the
Michaelmas and Lent Terms. Exercises will be
regularly distributed and worked through in
the classes. The lecture course Ph116 and the
Seminar Ph128 are also relevant.

Reading List: A complete set of lecture notes
will be distributed. For auxiliary reading E.
Mendelson, *Introduction to Mathematical
Logic*. Chapters 1 and 2 will be useful.

Examination Arrangements: One three-hour
paper of about ten questions, of which four
must be completed to obtain full marks.
Copies of previous examination papers are
available from the cupboards in the corridor
outside Room A214.

Ph5221
Ph6202

Mathematical Logic

Teacher Responsible: Dr. C. Howson,
Room A209 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.)
Part II Philosophy; M.Sc. Logic and Sci.
Method; Dip. Logic and Sci. Method.

Syllabus: The Completeness Theorem for first
order logic. Proofs of Godel's Incompleteness
Theorems, Church's Theorem, Tarski's
Theorem. Arithmetisation. The notion of a
computable function from sequences of
natural numbers into natural numbers and
various equivalent characterisations. Elements
of recursive function theory.

Pre-Requisites: The student will be expected to
have a knowledge of predicate calculus up to
the standard of an introductory course.

Teaching Arrangements: One two-hour lecture
(Ph115) per week during the Michaelmas and
Lent Terms, combined with one one-hour
class (Ph115a) during these Terms. Exercises
will be distributed regularly and worked
through in class.

Reading List: A complete set of lecture notes
will be distributed.

Supplementary Reading List: E. Mendelson,
Introduction to Mathematical Logic; Bell &
Machover, *A Course in Mathematical Logic*
Chs 6, 7; S. C. Kleene, *Introduction to
Metamathematics*; Boolos & Jeffrey,
Computability and Logic.

Examination Arrangements: One three hour
paper of about ten questions, of which four
must be correctly completed to obtain full
marks. Copies of previous examination papers
are available from the cupboards in the
corridor outside Room A214.

Ph5222

Incompleteness and Undecidability

Teacher Responsible: Dr. C. Howson,
Room A209 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.)
Part II; B.Sc. c.u. main fields Maths., Stats.,
Comp., Act. Sci., Maths. and Phil., Maths.
and Chem.

Syllabus: The Completeness Theorem for first
order Logic. Proofs of Godel's Incompleteness
Theorems, Church's Theorem, Tarski's
Theorem. The Completeness Theorem for first
order logic. Arithmetisation. The notion of a
computable function from sequences of
natural numbers into natural numbers and
various equivalent characterisations. Elements

of recursive function theory.

Pre-Requisites: The student will be expected to
have a knowledge of predicate calculus up to
the standard of an introductory course.

Teaching Arrangements: One two-hour lecture
(Ph115) per week during the Michaelmas and
Lent Terms, combined with one one-hour
class (Ph115a) during these Terms. Exercises
will be distributed regularly and worked
through in class.

Reading List: A complete set of lecture notes
will be distributed.

Supplementary Reading List: E. Mendelson,
Introduction to Mathematical Logic; Bell &
Machover, *A Course in Mathematical Logic*
Chs 6, 7; S. C. Kleene, *Introduction to
Metamathematics*; Boolos & Jeffrey,
Computability and Logic.

Examination Arrangements: One three-hour
paper of about ten questions, of which four
must be correctly completed to obtain full
marks. Copies of previous examination papers
are available from the cupboards in the
corridor outside Room A214.

Ph5230

Scientific Method

Teacher Responsible: Professor J.
Watkins, Room A213 (Secretary,
A214)

Course Intended Primarily for B.Sc. (Econ.),
Special Subject Philosophy, or Philosophy and
Economics and B.Sc. c.u. main field
Philosophy and Mathematics, and Philosophy
and Chemistry. It is normally taken in the
second year of study. The course is also
available as an outside option to students
whose main subject is not one of those
mentioned. However these students must have
already passed the course in *Introduction to
Scientific Method* (Ph5210).

Scope: Section A: some of the more technical
aspects of explanation, progress, and
confirmation in the natural sciences.

Section B: Philosophical and methodological
problems related to the social sciences.

Teaching Arrangements for Ph102:
Lectures: Ph102 *Scientific Method* (Professor
Watkins) 10 Michaelmas Term.
Classes: Ph102(a) (Dr. Fields) 10 Michaelmas
Term.

Syllabus for Ph102: The comparison of rival
scientific theories, for empirical content,
depth, and unity. Probabilistic theories and
statistical explanations.

Reading List for Ph102: Karl R. Popper, *The
Logic of Scientific Discovery*, Chapter 6;
Objective Knowledge, Chapters 2 and 5; Carl

G. Hempel, *Aspects of Scientific Explanation*, Chapter 12; Jaakko Hintikka, *Logic, Language Games, and Information*, Chapters 1 and 11; Wesley C. Salmon, *Statistical Explanation and Statistical Relevance*; John Watkins, *Science and Scepticism*, Chapters 5 and 6.

Teaching Arrangements for Ph111:

Lectures: Ph111 **Probability and Induction (Dr. Howson)** 10 Lent Term.

Syllabus for Ph111: The probability calculus interpreted as an extended logic, especially as a logic of inductive inference.

Reading List for Ph111: A set of lecture notes will be distributed; other references are to: J. M. Keynes, *A Treatise on Probability*; R. Carnap, *Logical Foundations of Probability*; H. E. Kyburg & H. Smokler, *Studies in Subjective Probability*; H. Jeffreys, *Theory of Probability*; K. R. Popper, *Logic of Scientific Discovery*; P. S. de Laplace, *Philosophical Essay on Probabilities*.

Teaching Arrangements for Ph104:

Lectures: Ph104 **Methodology of the Social Sciences (Professor Watkins)** 10 Lent Term.

Classes: PH104(a) (Dr. Fields) 10 Lent Term.

Syllabus for Ph104: Social phenomena that are products of human action but not of human design. The "invisible hand": Prisoners' Dilemma and other models of its working in a non-benevolent way. Self-defeating and self-fulfilling predictions; the possibility of an objective social science. The measurability of utility.

Reading List for Ph104: F. A. Hayek, *Studies in Philosophy, Politics and Economics*, Chapter 6; Anatol Rapoport, *Two-Person Game Theory*; Karl R. Popper, *The Poverty of Historicism*; Thomas S. Schelling, *The Strategy of Conflict*; A. Weisberg, *The Conspiracy of Silence*; L. I. Krimmerman (Ed.), *The Nature and Scope of Social Science*, Chapters 14, 15, 38, 45, 46, 49, 50; May Brodbeck (Ed.), *Readings in the Philosophy of the Social Sciences*, Chapters 5, 6, 10, 13, 25, 29.

Ph5240

The Rise of Modern Science, Copernicus to Newton

Teacher Responsible: Dr. E. G. Zahar, Room A210 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Part II, B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth.

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Scope: The main object of this course is to trace the development of Mechanics and Astronomy from the early Renaissance to the beginning of the 18th Century; or, equivalently, from Ptolemy to Newton. It is highly selective history, the selection being carried out in terms of philosophical relevance. In the case of certain scientists, like Kepler and Newton, a modern simplified account of their theories is given before looking into the historical origins of these theories and the way they gradually evolved. Superfluous technicalities are avoided, but some mathematics is needed for the latter part of the course. The required mathematical machinery will be developed within the course, which is therefore relatively self-contained.

Syllabus: (1) The Scientific Revolution which started with Copernicus and culminated with Galileo, Kepler, Descartes and Newton.

(2) A brief account of the discovery of the Calculus.

(3) The philosophical aftermath of the emergence of Newtonian science, in particular Kant's, Mach's and Poincaré's respective appraisals of Newtonian dynamics.

Pre-Requisites: Mathematics 'O' Level and some acquaintance with the Calculus would help towards an understanding of the course, but are not absolutely necessary.

Teaching Arrangements: Twenty-five lectures (Ph109; Ph110) and a weekly class (Ph109a) during the Michaelmas and Lent Terms.

Written Work: Students are given a list of possible topics and will be expected to present a minimum of two class papers per term.

Reading List: G. Holton & D. H. D. Roller, *Foundations of Modern Physical Science*; C. Howson (Ed.), *Method and Appraisal in the Physical Sciences*; I. B. Cohen, *The Birth of a New Physics*; T. S. Kuhn, *The Copernican Revolution*; A. I. Sabra, *Theories of Light from Descartes to Newton*; S. Westfall, *Never at Rest*; R. Palter (Ed.), *The Annus Mirabilis of Sir Isaac Newton, 1666*; A. Koyre, *Newtonian Studies: From the Closed World to the Infinite Universe*; E. A. Burt, *The Metaphysical Foundations of Modern Physical Science*; A. Einstein & L. Infeld, *The Evolution of Physics*; H. Butterfield, *The Origins of Modern Science*; M. Caspar, *Kepler*; A. Koestler, *The Sleepwalkers*; S. Toulmin & J. Goodfield, *The Fabric of the Heavens: The Architecture of Matter: The Discovery of Time*; C. Boyer, *The Concept of the Calculus*; S.

Drake (Ed.), *Discoveries and Opinions of Galileo*; Galileo, *Dialogue Concerning the Two Chief World Systems*; E. Meyerson, *Identity and Reality*; O. Toeplitz, *The Calculus*.

Examination Arrangements: Three hour formal examination in the Summer Term. About fifteen questions of which three should be answered. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

**Ph5250
Ph6250**

Social Philosophy

Teacher Responsible: Dr. J. Hall, Room A212 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Soc. Phil.; M.Sc. Soc. Phil.

Scope: The aim of the course is to introduce students to the role played by ideologies in the societies of which they form a part. Particular attention is paid to the types of belief system characteristic of industrial, scientific societies. This is a *one-year* course, which undergraduates will normally take in their second year.

Syllabus: Philosophy and society: the origins, spread and force of ideologies in diverse societies distinguished. Typologies of societies and history examined. Ideological power and the axial age.

Modern philosophy and the attempt to validate belief. Rationality and relativism. The implications for belief-systems of the success of modern science. Particular attention paid to the combination of empiricism and political economy, to the Hegel-Marx tradition, and to Nietzsche and Freud. Ideological power and the exit from the agrarian age. Ideological options inside the advanced societies analysed and assessed.

Pre-Requisites: None.

Teaching Arrangements: There is one main lecture course of 25 lectures (Sessional) in **Social Philosophy (Ph103)**.

Lectures: Lectures are given by **Dr Hall** (Ph103a), with a separate weekly seminar (Ph129) for M.Sc. Social Philosophy students. Classes are held Sessional.

Reading List: R. Aron, *The Opium of the Intellectuals*; D. Bell, *The Cultural Contradictions of Capitalism*; C. D. Broad, *Five Types of Ethical Theory*; N. Chomsky, *Language and Mind*; G. A. Cohen, *Marx's Theory of History*; M. J. Cowling, *Mill and Liberalism*; D. Emmet & A. MacIntyre (Eds.), *Sociological Theory and Philosophical Analysis*; E. Fromm, *Sigmund Freud's Mission*; E. A. Gellner, *Thought and Change: Legitimation of Belief*; J. Hall, *Diagnoses of our Time*; F. Hirsch, *The Social Limits of*

Growth; A. Hirschman, *The Passions and the Interests*; M. Hollis, *Models of Man*; I. Kant, *Groundwork of the Metaphysics of Morals*; T. S. Kuhn, *The Structure of Scientific Revolutions*; G. Lenski, *Power and Privilege*; S. Lukes & M. Hollis (Eds.), *Rationality and Relativism*; A. MacIntyre, *A Short History of Ethics*; W. H. McNeill, *The Rise of the West*; J. S. Mill, *Utilitarianism*; D. Miller, *Social Justice*; B. Moore, *Social Origins of Dictatorship and Democracy*; M. J. Oakeshott, *Rationalism in Politics and Other Essays*; J. P. Plamenatz, *The English Utilitarians*; K. R. Popper, *The Open Society and Its Enemies*; W. G. Runciman, *Social Science and Political Theory*; C. Taylor, *Hegel*; B. Wilson (Ed.), *Rationality*; R. Skidelsky, *John Maynard Keynes* (Vol 1); P. Wiles, *Economic Systems Compared*; A. Ellis & K. Kumar (Eds.), *Dilemmas of Liberal Democracies*; A. MacIntyre, *After Virtue*; R. Williams, *Culture and Society*; J. Hall, *Patterns of History*; A. Smith, *Wealth of Nations* (Book III); D. Hume, *A Treatise of Human Nature*; D. Forbes, *Hume's Philosophical Politics*; D. Winch, *Adam Smith's Politics*; G. Duncan, *Marx and Mill*; J. Schumpeter, *Capitalism, Socialism and Democracy*; J. Habermas, *Legitimation Crisis*; J. Rawls, *A Theory of Justice*; R. Nozick, *Anarchy, State and Utopia*; H. H. Gerth & C. W. Mills, (Eds.), *From Max Weber*; E. A. Gellner, *Muslim Society*.

Examination Arrangements: There is a three-hour formal exam in the Summer Term. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

Ph5300

History of Modern Philosophy: Bacon to Kant

Teacher Responsible: Professor J. Watkins, Room A213 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Part II Philosophy, B.Sc. Course Unit.

Scope: A critical historical review and an introduction to some of the main problems of philosophy.

Syllabus: The philosophers discussed are: Bacon, Descartes, Spinoza, Locke, Leibniz, Berkeley, Hume, Kant. The main problems raised by these philosophers concern, for example: the question of a method for advancing science; theories of knowledge (scepticism, rationalism, empiricism); theories about reality (dualism, idealism, monism); 'proofs' of the existence of God; the mind-

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body problem; free-will and determinism.
Pre-Requisites: None.
Teaching Arrangements: Lectures: Ph106, **History of Modern Philosophy, Bacon to Hume (Dr Howson, Professor Watkins and Dr Zahar)**; 1½ hour lectures, MLS Sessional. For second-year students.
Ph107 **Kant (Dr. Zahar)** 10 M.T. For third year students.
Classes: Ph106a **Dr. Martin** (Room A212) Sessional.
Ph107a **Dr. Martin** (Room A212) M.T.
Written Work: Students are required to attend the class and to give papers based on a critical reading of texts.
Reading List: Students are advised to buy all, or most, of the following: Bacon, *Novum Organum*; Descartes, *Philosophical Writings* edited by E. Anscombe and P. Geach. (Or an edition edited by E. Haldane and G. Ross); Spinoza, *Ethics*; Locke, *Essay Concerning Human Understanding* (Ed. Pringle-Pattison); Leibniz, *Selections* (Ed. P. P. Wiener); Berkeley, *The Principles of Human Knowledge*; Hume, *Treatise of Human Nature*, Book I, (Ed. Selby-Bigge); Kant, *Prolegomena*.
Supplementary Reading List: Richard H. Popkin, *The History of Scepticism from Erasmus to Spinoza*; E. A. Burtt, *The Metaphysical Foundations of Modern Science*; M. Mandelbaum, *Philosophy, Science and Sense Perception*; Bertrand Russell, *The Philosophy of Leibniz*; A. Koyré, *From the Closed World to the Infinite Universe*; P. Urbach, "Francis Bacon as a Precursor to Popper", *British Journal for the Philosophy of Science*, June 1982. (Available from the Philosophy Department.); S. Körner, *Kant*.
Examination Arrangements: Assessment is based entirely on a three-hour formal examination in the Summer Term. The examination paper consists of one question on each of the eight philosophers, of which three are to be answered. Each question is split into two (occasionally three) alternatives, only one of which may be selected. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

Ph5310

Epistemology and Metaphysics Teacher Responsible: Professor J. Watkins, Room A213 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; Dip. Logic and Sci.

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Meth.; Dip. Soc. Phil.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.

Scope: The course consists of two sections. Section A, which has a historical character, consists of issues concerning the philosophies of science of Mach, Duhem, Poincaré and Meyerson. Section B is theoretical and comprises questions about some of the most fundamental philosophical issues, such as the notion of truth, the mind-body problem, the problem of freedom and determinism, the autonomy of ethics and the existence of God.

Syllabus for Ph108: Problems of demarcation: analytic *versus* synthetic, science *versus* non-science. Euclidean geometry and the problem of synthetic *a priori* truth. The epistemological status of scientific laws. The positivism and conventionalism of Mach, Duhem, Poincaré and Meyerson. The status of Conservation Laws.

Reading List for Ph108: E. Mach, *Science of Mechanics*; P. Duhem, *Aim and Structure of Physical Theory*; H. Poincaré, *Science and Hypothesis*; E. Meyerson, *Identity and Reality*.

Teaching Arrangements for Ph117:

Lectures: Ph117 **Problems of Metaphysics (Professor Watkins)** 20 Michaelmas and Lent Terms.

Syllabus for Ph117: Is a theory of human freedom or autonomy possible within a strictly naturalistic framework?

Incompatibility with some allegedly naturalistic theories of mind: behaviourism, epiphenomenalism, parallelism, and the identity-hypothesis. The simulation argument for epiphenomenalism. The evolutionary argument for interactionism. What conceptions of freedom are compatible with determinism? Does determinism belong with naturalism?

An approach to the idea of self-determination via the idea of biological autonomy and the Spinoza-Kant idea of rational autonomy. Creativity and the partial transcendence of local circumstances. Freedom and morality. Death.

Reading List for Ph117: D. M. Armstrong, *A Materialist Theory of Mind*; C. V. Borst (Ed.), *The Mind/Brain Identity Theory*; Keith Campbell, *Body and Mind*; Daniel C. Dennett, *Brainstorms*; T. H. Huxley, *Man's Place in Nature*, Chapter ii; *Method and Results*, Chapter V; La Mettrie, *Man a Machine*; Jacques Monod, *Chance and Necessity*; Alan M. Munn, *Free-Will and Determinism*; Thomas Nagel, *Moral Questions*; Karl R. Popper & John C. Eccles, *The Self and its Brain*; Hilary Putnam, *Philosophical Papers* Vol. 2, Chapters 16–20; K. V. Wilkes, *Physicalism*.

Other Courses:

Lectures: Ph111 **Probability and Induction (Dr. Howson)** 10 Lent Term.

Seminars: PH130 **Problems of Metaphysics (Professor Watkins)**.

Written Work: At least one paper per term to be presented at the **Problems of Metaphysics Seminar** (Ph130).

Examination Arrangements: Three hour formal examinations in the Summer Term; about fifteen questions in all, the student being required to answer three questions, one from Section A and one from Section B. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

Ph5315

Ph6206

Philosophy of Mathematics

Teacher Responsible: Dr John

Worrall, Room A211 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Method; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Scope: A study of the main philosophical problems arising from mathematics; principally the ontological problem – what is the status of mathematical objects?; and the epistemological problem – what is the status of mathematical knowledge?

Syllabus: Platonism (or realism) vs constructivism. Early 'logicist' views. J. S. Mill's empiricism and some of its more recent descendants. Kant's idea of mathematics as synthetic *a priori*. The three great 20th century foundational schools: logicism (Frege and Russell), intuitionism (Brouwer), formalism (Hilbert). Some more specific problems arising from the foundational schools: the relationship between logic and set theory, the epistemological impact of Gödel's incompleteness theorem and of the independence results in set theory; the epistemological status of logic – rivals to classical logic. Some problems concerning the *growth* of mathematical knowledge: 'proofs and refutations'.

Pre-Requisites: Students should have strong mathematical backgrounds. Knowledge of set theory is extremely helpful but not essential.

Teaching Arrangements: There is a main lecture sequence of 10 lectures (Ph116)

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(Michaelmas Term) and a series of seminars (Ph128) in the Lent Term, at which students will be expected to present papers. Students should attend the lectures in their second year and the seminars in the third.

Written Work: Students are expected to write papers for the seminar and to develop a project out of this. The project must be handed in in May of the third year.

Reading List: No book covers the syllabus.

The nearest to a textbook is: S. Körner, *Philosophy of Mathematics*.

Students will also need to consult: A.

Fraenkel, Y. Bar-Hillel & A. Levy,

Foundations of Set Theory; H. Putnam & P.

Benacerraf (Eds.), *Philosophy of Mathematics*

– *Selected Readings*; S. Haac, *Deviant Logic*; I. Lakatos, *Proofs and Refutations*.

Further Reading List: G. Polya, *Mathematics*

and Plausible Reasoning; *Mathematical*

Discovery; I. Lakatos (Ed.), *Problems in the*

Philosophy of Mathematics; J. Hintikka (Ed.),

Philosophy of Mathematics; J. van. Heijenoort

(Ed.), *From Frege to Gödel*; I. Lakatos,

Mathematics, Science and Epistemology

(*Philosophical Papers* Vol. 2); G. Frege, *The*

Foundations of Arithmetic: The Basic Laws of

Arithmetic; M. Dummett, *Frege; Elements of*

Intuitionism; H. Putnam, *Mathematics, Method*

and Matter (Philosophical Papers Vol. 1); H.

Putnam & P. Benacerraf (Eds.), *Philosophy of*

Mathematics – Selected Readings.

Examination Arrangements: There is a three-hour formal examination in the Summer Term of which four questions must be answered.

Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

Ph5320

Philosophy of Economics

Teacher Responsible: Mr. K.

Klappholz, (Economics Department)

Room S88 (Secretary, S566)

Course Intended Primarily for Part II students reading for the B.Sc. (Econ.) degree, Special Subject XX, Philosophy and Economics, as well as others interested in the methodological and philosophical aspects of economics.

Scope: The course deals with the topics indicated in the Syllabus below, as well as with more general methodological issues, such as the question of the unity of method between economics and the natural sciences, the role of assumptions, predictions and the possibility of "crucial" experiments in economics. The topics not mentioned in the Syllabus are discussed in the **Philosophy of the Social Sciences Seminar**.

Syllabus: A philosophical examination of the idea of rational choice, both individual and collective. The historical development of theories of individual rationality. Rationality and uncertainty. Welfare Economics. Classical utilitarianism and the social interest. Collective choice and individual preferences. Individual rights and distributive justice.

Pre-Requisites: Students are expected to have taken, or to be taking **Introduction to Scientific Method: Social Science**, or its equivalent elsewhere, as well as **Economic Principles** or its equivalent elsewhere.

Teaching Arrangements:

Lectures: Ph105, **Philosophy of Economics (Mr. Klappholz, Dr. Perlman, Professor Watkins)** Lent and Summer Terms.

Seminars: Ph124 **Philosophy of the Social Sciences (Mr Klappholz, Professor Watkins)** Michaelmas and Lent Terms.

Students reading for a degree at the LSE take the Lecture Course in their 2nd year and attend the Seminar in their 3rd year. Students who spend only one year at the LSE attend both the Seminar and the Lecture Course. The Seminar is also attended by graduate students. In the Seminar students are provided with a list of topics, accompanied by bibliographical suggestions.

Written Work: Written work is done mainly in conjunction with the Seminar. Students are expected to present at least 2 papers in the course of one series of Seminars. Topics for the paper may be chosen from the lists provided or suggested by the student.

Reading List: L. C. Robbins, *The Nature and Significance of Economic Science*; H. A. Simon, *Models of Man*; J. Rawls, *A Theory of Justice*; A. K. Sen, *Collective Choice and Social Welfare*; K. J. Arrow, *Social Choice and Individual Values*; R. D. Luce & H. Raiffa, *Games and Decisions*; M. Allais & O. Hagan (Eds.), *Expected Utility Hypotheses and the Allais Paradox*; R. Nozick, *Anarchy, the State, and Utopia*; J. Elster, *Ulysses and the Syrens*; Ward Edwards & Amos Tversky (Eds.), *Decision-Making*; John C. Harsanyi, *Rational Behaviour and Bargaining Equilibrium in Games and Social Situations*; F. Hahn & M. Hollis (Eds.), *Philosophy and Economic Theory*; A. Rosenberg, *Micro-Economics Laws*; M. Blaug, *The Methodology of Economics*. Additional reading suggestions, particularly of articles, may be made in the lectures and the Seminar.

Examination Arrangements: There is a three-hour formal examination at the end of the 3rd year for degree students. This examination may also be taken by one-year Full Course students. Candidates are required to answer 3 out of about 10 questions, one of which

allows the candidate to write on a topic of his or her own choice from within the subject matter covered by the entire teaching. This question carries 50% of the marks. The assessment for the course is based wholly on the results obtained in this examination. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214 in the Philosophy Department.

Ph6200

Advanced Scientific Method
Teacher Responsible: Professor J. Watkins, Room A213 (Secretary, A214)

Course Intended Primarily for M.Sc. (Logic and Scientific Method: Social Philosophy).
Scope: Live issues in contemporary philosophy of science.

Syllabus: The aim of science and the nature of scientific progress. Comparing the depth, unity and predictive power of rival scientific theories. The questions of verisimilitude and of simplicity. The problem of the empirical basis. Theories of confirmation; Goodman's and Hempel's "paradoxes". The Duhem-Quine problem. "Kuhn-loss" and the incommensurability thesis.

Anti-depth philosophies of science. Ramsey-sentences. Conventionalism, Instrumentalism; Operationalism; Machism.

Probabilistic theories and statistical explanations. Scientific reductions.

The interrelations between the history and the philosophy of science. The methodology of scientific research programmes.

Pre-Requisites: Some familiarity with the philosophy of science or with a scientific discipline.

Teaching Arrangements: Lectures: Ph100

Introduction to Scientific Method (this course may be useful, especially for those who have not studied the subject before). Ph102

Scientific Method (Professor Watkins) 10

Michaelmas Term. Ph111 **Probability and Induction (Dr. Howson)** 10 Lent Term.

Seminars: Ph120 **Philosophy and Scientific Method** (all members of the department). Ph122 **Scientific Method and Epistemology (Dr. Worrall & Dr. Howson)** 20 Michaelmas and Lent Terms.

Ph127 **Logic and Scientific Method (Dr. Fields)** 25 Sessional.

Class: Ph102a

Reading List: Rudolf Carnap, *Logical Foundations of Probability*, Chapters I to III and Appendix; Pierre Duhem, *The Aim and Structure of Physical Theory*; Carl G. Hempel, *Aspects of Scientific Explanation*; T. S. Kuhn, *The Structure of Scientific Revolutions*; Imre

Lakatos, *Philosophical Papers*, Vol. I; Henri Poincare, *Science and Hypothesis*; Karl R. Popper, *The Logic of Scientific Discovery: Conjectures and Refutations; Objective Knowledge*; W. V. O. Quine, *From a Logical Point of View*; Wesley C. Salmon, *Statistical Explanation and Statistical Relevance*; John Watkins, *Science and Scepticism*.

Supplementary Reading List: Percy W.

Bridgman, *The Logic of Modern Physics*; Jerzy Giedymin, *Science and Convention*; Clark Glymour, *Theory and Evidence*; Nelson

Goodman, *Fact, Fiction and Forecast*; Risto Hilpinen, *Rules of Acceptance and Inductive Logic*; Jaakko Hintikka, *Logic, Language*

Games and Information; Richard von Mises, *Probability, Statistics and Truth*; Ernest Nagel,

The Structure of Science, Chapt 11; Israel Scheffler, *The Anatomy of Inquiry*, pp. 203f;

Moritz Schlick, *Philosophical Papers*, Vol. II, Chapter 10.

Examination Arrangements: Assessment is based entirely on a three hour formal

examination near the end of the Summer Term. The examination paper merely lists a

wide variety of topics and requires candidates to write essays on three of them. It is left to

the candidate to set himself or herself a good question within a chosen topic. Because the

paper is of this form, a rather higher standard than otherwise is expected. Copies of previous

examination papers are available from the cupboards in the corridor outside room A214.

Ph6201

Logic

See Ph5220

Ph6202

Mathematical Logic

See Ph5221

Ph6203

Advanced Mathematical Logic

Teacher Responsible: Dr. J. L. Bell, Room S467 (Secretary, S464)

Course Intended Primarily for Dip. Logic and Sci. Method; M.Sc. Logic and Sci. Method.

Scope: This course comprises one undergraduate course: **Sets and Models SM127** (q.v.) and one graduate course **Axiomatic Set Theory SM128**. The first of these courses is designed to provide an introduction to (axiomatic) set theory and the model theory of first-order languages. The second gives an account of formal set theory up to Godel's

proof of the relative consistency of the axiom of choice and the generalized continuum hypothesis.

Syllabus: (i) **Sets and Models.** Axiomatic approach to set theory. Sets and classes. Well-orderings. Cardinals and Ordinals. The axiom of choice and Zorn's lemma. First-order languages and their models. Completeness, compactness and Lowenheim-Skolem theorems.

(ii) **Axiomatic Set Theory.** Axiomatic development of Zermelo-Fraenkel set theory. Definitions by transfinite induction. Reflection principles. Constructible sets. Consistency of the axiom of choice and the generalized continuum hypothesis.

Pre-Requisites: Acquaintance with predicate calculus, as provided by the course Ph114;

Introduction to Mathematical Logic.

Teaching Arrangements: (i) **Sets and Models (SM127):** twenty lectures on set theory in first term, twenty on model theory in second term. (Full lecture notes provided). Twenty problem classes over the two terms.

(ii) **Axiomatic Set Theory (SM128):** ten lectures in the second term, fifteen in the third term. The lecture course Ph116 is also relevant.

Classes: SM127a

Reading List: J. Bell & Machover, *A Course in Mathematical Logic*; J. Bridge, *Beginning Model Theory*; K. Kuratowski & A. Mostowski, *Set Theory*; E. Mendelson, *Introduction to Mathematical Logic*; P. Cohen, *Set Theory and the Continuum Hypothesis*; F. Drake, *Set Theory*.

Examination Arrangements: There is a three hour formal examination in the Summer Term based on the full syllabus for the two courses. The paper contains ten questions (five on set theory, five on model theory). Full marks may be obtained on five questions. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214 in the Philosophy Department.

Ph6204

History of the Philosophy of Science

Teacher Responsible: Professor J. Watkins, Room A213 (Secretary, A214)

Course Intended Primarily for M.Sc. Logic and Scientific Method, M.Sc. Social Philosophy.

Scope: A critical review of philosophy of science from the early seventeenth to the late nineteenth century.

Syllabus: The philosophers discussed are: Bacon, Descartes, Spinoza, Locke, Leibniz,

Berkeley, Hume, Kant, Mach, Poincaré, Duhem, Meyerson. The main problems raised by these philosophers concern: the question of a method for advancing science; theories about the status of scientific and mathematical knowledge (scepticism, inductivism, apriorism, conventionalism, instrumentalism); theories about reality (dualism, phenomenism, transcendental idealism, monism); the mind-body problem; simplicity; causality and determinism; conservation principles.

Pre-Requisites: None, but some knowledge of the seventeenth century scientific revolution is desirable.

Teaching Arrangements:

Lectures: Ph106 **History of Modern**

Philosophy: Bacon to Humer (Dr. Howson, Professor Watkins and Dr. Zahar)

Ph107 **Kant (Dr. Zahar)**

Ph108 **History of Epistemology after Kant (Dr. Zahar)**

The lecture course Ph110 is also relevant.

Seminar: Ph123 **History and Philosophy of Science and Mathematics (Dr. Worrall and Dr. Zahar)**

Class: Ph106a **History of Modern Philosophy:**

Bacon to Kant (Dr. Martin, Room A212)

Written Work: Students are required to attend the seminar and class and to give papers based on a critical reading of texts.

Reading List: It is important for a student to own a copy of the main works of each philosopher he or she intends to study closely. The main works include:

Bacon, *Novum Organum*; Descartes, *Philosophical Writings* edited by E. Anscombe & P. Geach. (Or an edition edited by E. Haldane & G. Ross); Spinoza, *Ethics*; Locke, *Essay Concerning Human Understanding* (Ed. Pringle-Pattison); Leibniz, *Selections* (Ed. P. Wiener); Berkeley, *The Principles of Human Knowledge*; Hume, *Treatise of Human Nature*, Book I, (Ed. Selby-Bigge); Kant, *Prolegomena*; Mach, *Popular Scientific Lectures*; Poincaré, *Science and Hypothesis*; Duhem, *Aim and Structure of Physical Theory*; Meyerson, *Identity and Reality*.

Supplementary Reading List: Richard H. Popkin, *The History of Scepticism from Erasmus to Spinoza*; E. A. Burtt, *The Metaphysical Foundations of Modern Science*; M. Mandelbaum, *Philosophy, Science and Sense Perception*; Bertrand Russell, *The Philosophy of Leibniz*; A. Koyré, *From the Closed World to the Infinite Universe*; P. Urbach, "Francis Bacon as a Precursor to Popper", *British Journal for the Philosophy of Science*, June 1982. (Available from the Philosophy Department.); J. Giedymin, *Science and Convention*; P. F. Strawson, *The*

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Bounds of Sense.

Examination Arrangements: Assessment is based entirely on a three-hour formal examination near the end of the Summer Term. The examination paper merely lists the names of philosophers within the syllabus and requires candidates to write essays on three of them. It is left to the candidates to set themselves good questions, and they should begin each essay by stating clearly the question they are addressing. Because the examination has this form, a higher standard is expected than would otherwise be the case. Guidance on the selection of suitable topics for these essays and supervision in studying them will, of course, be available from Tutors. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

Ph6205

Metaphysics and Epistemology

Teacher Responsible: Dr. E. G. Zahar, Room A210 (Secretary, A214)

Course Intended Primarily for M.Sc. in Logic and Scientific Method, M.Sc. in Social Philosophy.

Scope: Metaphysical problems generated by developments in the history of science and mathematics (especially where these seem to conflict with entrenched ideas of common sense). Open problems in the theory of knowledge.

Syllabus: There is no rigid syllabus but the following will illustrate what kinds of topics are admissible: Platonism in mathematics; the status of Euclidean geometry; the question of synthetic *a priori* truth; the Tarskian theory of truth; the nature of time; the tenability of the analytic/synthetic distinction; the foundations of probability; alternative interpretations of the probability calculus; the role of metaphysics within science; scientific realism *versus* positivism, conventionalism, etc; the nature of scientific laws; the question of determinism in the light of modern physics; theories of the mind-body relationship; the question of human freedom in the light of natural science; the quest for certainty and the challenge of scepticism.

Pre-Requisites: Some knowledge of the history of philosophy and or science and/or mathematics.

Teaching Arrangements:

Lectures: as for Ph5310; Ph5300 is also recommended. Ph108 and Ph110 are also relevant.

Seminars: Ph123 **History and Philosophy of**

Science and Mathematics (Dr. Worrall and Dr. Zahar).

Ph125 **Metaphysics and Epistemology (Dr. Zahar and Dr. Fields).**

Ph131 **Logic and Metaphysics (Dr. Currie).**

Examination Arrangements: Assessment is based entirely on a three hour formal examination near the end of the Summer Term. The examination paper lists a variety of topics and requires the candidates to write essays on three of these. Candidates should begin their answers by clearly specifying the question they are addressing.

Ph6206

Philosophy of Mathematics

See Ph5315

Ph6207

Growth of Modern Science

Teacher Responsible: Dr. E. G.

Zahar, Room A210 (Secretary, A214)

Course Intended Primarily for M.Sc. in Logic and Scientific Method.

Scope: The main object of this course is to trace the development of Mechanics and Astronomy from the early Renaissance to the beginning of the 18th Century; or, equivalently, from Ptolemy to Newton. It is highly selective history, the selection being carried out in terms of philosophical relevance. In the case of certain scientists like Kepler and Newton a modern simplified account of their theories is given before looking into the historical origins of these theories and the way they gradually evolved. Superfluous technicalities are avoided, some mathematics is needed for the latter part of the course. The required mathematical machinery will be developed within the course, which is therefore relatively self-contained.

Syllabus: (1) The Scientific Revolution which started with Copernicus and culminated with Galileo, Kepler, Descartes and Newton.

(2) A brief account of the discovery of the Calculus.

(3) The philosophical aftermath of the emergence of Newtonian science, in particular Kant's, Mach's and Poincaré's respective appraisals of Newtonian dynamics.

Pre-Requisites: Mathematics 'O' Level and some acquaintance with the Calculus would help towards an understanding of the course, but are not absolutely necessary.

669 *Philosophy, Logic and Scientific Method*

Teaching Arrangements: Twenty-five lectures (Ph109) and a weekly class (Ph109a) during the Michaelmas and Lent Terms, and the seminar Ph123.

Written Work: Students are given a list of possible topics and will be expected to present a minimum of two class papers per term.

Reading List: G. Holton & D. H. D. Roller, *Foundations of Modern Physical Science*; C. Howson (Ed.), *Method and Appraisal in the Physical Sciences*; I. B. Cohen, *The Birth of a New Physics*; T. S. Kuhn, *The Copernican Revolution*; S. Westfall, *Never at Rest*; A. I. Sabra, *Theories of Light from Descartes to Newton*; R. Palter (Ed.), *The Annus Mirabilis of Sir Isaac Newton, 1666*; A. Koyre, *Newtonian Studies: From the Closed World to the Infinite Universe*; E. A. Burtt, *The Metaphysical Foundations of Modern Physical Science*; A. Einstein & L. Infeld, *The Evolution of Physics*; H. Butterfield, *The Origins of Modern Science*; M. Caspar, *Kepler*; A. Koestler, *The Sleepwalkers*; S. Toulmin & J. Goodfield, *The Fabric of the Heavens: The Architecture of Matter: The Discovery of Time*; C. Boyer, *The Concept of the Calculus*; S. Drake (Ed.), *Discoveries and Opinions of Galileo*; Galileo, *Dialogue Concerning the Two Chief World Systems*; E. Meyerson, *Identity and Reality*; O. Toeplitz, *The Calculus*.

Examination Arrangements: Three-hour formal examination in the Summer Term. About fifteen questions of which three should be answered. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

Ph6208

Philosophy of the Social Sciences

Teacher Responsible: Professor J. Watkins, Room A213 (Secretary, A214)

Course Intended Primarily for M.Sc. in Logic and Scientific Method, M.Sc. in Social Philosophy.

Scope: Methodological problems peculiar to the social sciences.

Syllabus: Is there a unity of method between the social sciences and the natural sciences? Special problems attending the social sciences: self-fulfilling and self-defeating predictions; value-freedom; the measurability of key variables. The problem of interpersonal comparisons. Historicism, holism, and methodological individualism. The rationality-assumption (the Minimax rule, maximising expected utility, satisficing, etc.). Historical

explanation. Functional explanation. The alleged need for unrealistic but predictively fruitful assumptions in economics. Idealism in social science. The scientific status of psychological theories (e.g. Psycho-Analysis). The innateness hypothesis in linguistics.

Pre-Requisites: None.

Teaching Arrangements: The main one is the **Philosophy of the Social Sciences Seminar** (Ph124), Michaelmas and Lent Terms, given in alternate years by **Professor Watkins** (Room A213) and **Mr Klappholz** (Room S88) (1984-5) and by **Dr. Urbach** (Room A208) and **Dr. Perlman** (Room S675) (1985-6). It is important that students attend this. There are also the following lecture courses (the first two ought to be attended, the third is optional): Ph104 **Methodology of the Social Sciences**, 10 Lent Term, **Professor Watkins**.

Ph105 **Philosophy of Economics**, 16 Lent and Summer Terms, **Mr Klappholz**, **Dr Perlman**, **Professor Watkins**.

Ph100 **Introduction to Scientific Method**, 25. Sessional, **Dr Worrall**, turns to the social sciences half way through the Lent Term.

Written Work: Students are required to attend the Seminar and to give papers at it.

Reading List: some older works: J. S. Mill, *A System of Logic*, Book VI; V. Pareto, *Manual of Political Economy*, Chaps. i-iii; E. Durkheim, *Rules of Sociological Method*; Max Weber, *On the Methodology of the Social Science* (Ed. Shils and Finch).

Methodological individualism: Carl Menger, *Problems of Economics and Sociology* (Ed. Schneider), Book III; F. A. Hayek, *The Counter-Revolution of Science*; Karl R. Popper, *The Poverty of Historicism*; A. Weissberg, *The Conspiracy of Science*; E. Nagel, *The Structure of Science*, Chaps. 13-15; Raymond Boudon, *The Logic of Social Action*; John O'Neill (Ed.), *Modes of Individualism and Collectivism*.

Rationality assumptions: H. A. Simon, *Models of Man*; T. C. Schelling, *The Strategy of Conflict*; J. C. Harsanyi, *Rational Behaviour and Bargaining Equilibrium*; A. Rapoport, *Two-Person Game Theory*; W. Edwards & A. Tversky (Eds.), *Decision Making*.

Economics: L. C. Robbins, *The Nature and Significance of Economic Science*; T. W. Hutchison, *The Significance and Basic Postulates of Economic Theory*; Ludwig von Mises, *Epistemological Problems of Economics*; Milton Friedman, *Essays in Positive Economics*, Chap. 1; F. Hahn & M. Hollis (Eds.), *Philosophy and Economic Theory*.

Historical understanding: R. G. Collingwood, *The Idea of History*; Maurice Mandelbaum, *The Problem of Historical Knowledge*; W. B. Gallie, *Philosophy and the Historical*

Understanding; E. H. Carr, *What is History?*; Patric Gardner (Ed.), *Theories of History*.
Linguistics: B. L. Whorf, *Language, Thought and Reality*; Roger Brown, *Social Psychology*, Part Three; Noam Chomsky, *Cartesian Linguistics*; John Lyons (Ed.), *New Horizons in Linguistics*.

Anthropology and Sociology: S. F. Nadel, *The Foundations of Social Anthropology*; Derek Freeman, *Margaret Mead and Samoa: The Making and Unmaking of an Anthropological Myth*; B. Wilson (Ed.), *Rationality*; R. K. Merton, *Social Theory and Social Structure*.
Examination Arrangements: Assessment is based entirely on a three-hour formal examination near the end of the Summer Term. The examination paper merely lists a wide variety of topics and requires candidates to write essays on three of them. It is left to the candidate to set himself a good question, and he should begin each essay by stating clearly the question to which he will address himself. Because the examination takes this form, a higher standard is demanded than would otherwise be the case. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

Ph6250

Social Philosophy See Ph5250

Population Studies Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
Pn100	Population, Economy and Society Professor E. A. Wrigley	24/MLS	Pn7100
Pn101	Demographic Description and Analysis Mr. C. M. Langford and Professor J. Hobcraft	20/M	Pn7120
Pn102	The Population History of England Professor E. A. Wrigley	24/MLS	Pn7121; Pn8102
Pn103	The Demographic Transition and the Western World Today (not available 1984-85) Dr. C. Wilson	24/LS	Pn7122; Pn8102
Pn104	Third World Demography Mr. T. Dyson	24/MLS	Pn7123; Pn8102
Pn105	Migration Mr. M. J. Murphy and Mr. T. Dyson	24/MLS	Pn7124; Pn8102
Pn106	Family Composition in Developed and Developing Countries Mr. M. J. Murphy and Mr. T. Dyson	24/MLS	Pn7125; Pn8102
Pn107	Mathematical and Statistical Demography Mr. M. J. Murphy	13/LS	Pn7126
Pn108	Applied Population Analysis Professor J. Hobcraft	15/ML	Pn7127
Pn150	Social and Economic Demography Mr. C. M. Langford	10/M	Pn8102
Pn151	The Analysis of Fertility and Mortality Mr. C. M. Langford and Professor J. Hobcraft	20/M	Pn8100; Pn8110
Pn152	Population Dynamics and Projections Professor Brass	15/LS	Pn8100
Pn153	The Collection of Demographic Data Mr. T. Dyson	10/M	Pn8101; Pn8110
Pn154	Demographic Sampling and Survey Design Mr. M. J. Murphy	5/L	Pn8101
Pn155	Indirect Demographic Estimation Professor Brass	10/L	Pn8100; Pn8110; SM8101
Pn156	The Analysis of Demographic Event Histories Professor J. Hobcraft	10/L	Pn8100; Pn8110; SM8101

Lecture/ Seminar Number			Study Guide Number
Pn157	Evaluation of Family Planning Programmes Mr. T. Dyson	5/S	Pn8101
Pn158	Sources and Techniques of Historical Demography Professor E. A. Wrigley	5/S	Pn8101
Pn159	Computing for Demographers — Class Mr. M. J. Murphy	10/L	
Pn160	Social Demography — Graduate Class Mr. C. M. Langford	15/S	Pn8102
Pn161	Fertility and Mortality in their Socio-Economic Context — Seminar Mr. C. M. Langford	19/MLS	Pn8102; Pn8110

POPULATION STUDIES

Pn7100

Population, Economy and Society

Teacher Responsible: Professor Tony Wrigley, Room A342 (Secretary, Mrs Doreen Castle, A339)

Course Intended Primarily for B.Sc. (Econ.) Part I and Course Unit. The paper assumes no previous knowledge of the subject. It is one of the Group VI papers in Part I of the B.Sc. (Econ.) and is a suitable general introduction to population studies. It can also be taken as an outside option in Part II of the B.Sc. (Econ.) or as a Course Unit option (in any year).

Scope: The paper deals with the inter-relationship between the demographic characteristics of a society (its fertility, mortality and nuptiality) and the economic and social context within which the characteristics develop and are maintained. It concentrates especially on the contrasts between traditional and industrialised societies.

Syllabus: Topics covered include: general models of population behaviour in pre-industrial societies; the relationship between population size and available resources; the nature and relative importance of economic, social and biological influences on population growth rates; the special character of pre-industrial western Europe; pre-industrial familial forms and functions; the disappearance of old patterns in the course of industrialisation; the demographic transition; the changing balance of social and individual control of fertility; characteristics of the modern family; the interpretation of fertility fluctuations in the recent past.

Teaching Arrangements: The course consists of 24 lectures (Pn100) and associated classes (Pn100a), given weekly throughout the session. The lectures and classes are given by **Professor Wrigley (Room A342)**.

Each member of a class may expect to be asked to prepare a short presentation to serve as an introduction to discussion within the class on two occasions in the course of the session. Lists of class topics and the associated reading are handed out at the beginning of each term.

Lectures: Pn100 **Population, Economy and Society** 24 Sessional.

Classes: Pn100a 24 Sessional.

Written Work: One substantial essay is

required from each member of a class in each of the first two terms. Essay topics are chosen from a list handed out in class, and the essays are marked by the class teacher.

Reading List: Two reading lists are handed out at the beginning of the course, one dealing with books (about 30 items) and the other with articles (about 50 items). Most of the articles are available in xerox form in the offprint collection and such items are asterisked on the reading list. The following are among the more important items on the book reading list:

M. Anderson, *Approaches to the History of the Western Family 1500-1914*; R. Easterlin, *Birth and Fortune*; D. V. Glass & D. E. C. Eversley (Eds.), *Population in History*; G. Hawthorn, *The Sociology of Fertility*; W. H. McNeill, *Plagues and Peoples*; E. A. Wrigley, *Population and History*.

Examination Arrangements: There will be a three-hour written examination in the Summer Term in which candidates will be expected to answer four questions, selecting within a paper consisting of about fifteen questions.

Pn7120

Demographic Description and Analysis

Teacher Responsible: Chris Langford, Room A341 (Secretary, Doreen Castle, A339)

Course Intended Primarily for B.Sc. (Econ.) Part II and Course Unit. This paper assumes no previous knowledge of the subject. It is a compulsory paper for students taking the special subject in Population Studies in Part II of the B.Sc. (Econ.), but may also be taken as an outside option both by Part II non-specialists and by Course Unit students. When taken as part of Part II Population Studies it is a second year paper. Non-specialists, however, may take it in either the second or third years. The course is not highly mathematical or statistical and students with non-mathematical backgrounds should not be at a disadvantage.

Scope: This paper provides an introduction to the techniques of demographic analysis and the interpretation of demographic data. The main style of presentation is to introduce and discuss techniques of analysis and then examine examples of their use to illustrate demographic concepts and trends.

Syllabus: Sources of information about populations; current and cohort methods of description and analysis; the construction of lifetables; measurement of fertility, mortality

and nuptiality; the determinants of age structure and the intrinsic growth rate; survey data; the interpretation of demographic statistics; tests of consistency and reliability. **Teaching Arrangements:** The course consists of 20 lectures (Pn101) and 15 classes (Pn101a). The lectures are given by **Chris Langford** and **John Hobcraft** in the Michaelmas Term. Lectures: Pn101 **Demographic Description and Analysis** 20 Michaelmas Term. Classes: Pn101a 15 Michaelmas and Lent Terms.

Written Work: A number of practical exercises involving either a number of computations or the interpretation of data will be set during the course and discussed in classes. In addition, at least one essay will be required from each student.

Reading List: A general reading list is circulated at the start of the course. In each lecture attention is drawn to the relevant readings.

Examination Arrangements: There will be one three-hour examination in the Summer Term. The examination is in three sections. Section 1 involves answering a computational question, section 2 deals with questions of data interpretation and section 3 is composed of essay questions dealing with concepts and techniques discussed in the course. Students answer one question from section 1, one from section 2 and two from section 3.

Pn7121

The Population History of England

Teacher Responsible: Professor Tony Wrigley, Room A342 (Secretary, Mrs Doreen Castle, A339)

Course Intended Primarily for B.Sc. (Econ.) Part II. The paper forms part of the special subject in Population Studies in Part II of the B.Sc. (Econ.), but may also be taken as an outside option by Part II non-specialists. It may be taken in either the second or third year. When taken as an outside option by a non-specialist it is an advantage to have taken **Demographic Description and Analysis** (or to be taking it in the same session), but this is not a pre-requisite.

Scope: The paper covers English population history principally between the mid-sixteenth and the mid-nineteenth centuries. It covers both population history in a narrow sense (population size, population growth rate, fertility, nuptiality, mortality, etc.), and also broader issues about the links between

economic, social and demographic variables. **Syllabus:** Topics covered include: the sources available and their use; recent advances in techniques of analysis; English family structure and marriage behaviour; secular and short-term demographic trends and their relationship to economic and social change in early modern England; demographic crises; urbanisation; migration patterns; the institution of service; the significance of the industrial revolution and its impact on fertility, nuptiality and fertility; theories and models of the relationship between demographic, economic and social change in England between c.1550 and c.1850.

Teaching Arrangements: The course consists of 24 lectures (Pn102) given weekly throughout the session and 12 associated classes (Pn102a). The lectures and classes are given by Professor Wrigley (A342). Each member of the class may expect to be asked to prepare a short presentation to serve as an introduction to discussion within the class on two occasions in the course of the session. Lists of class topics and associated reading are handed out at the beginning of each term.

Lectures: Pn102 **The Population History of England:** 24 Sessional.

Classes: Pn102a 12 Sessional.

Written Work: One substantial essay is required from each member of a class in each of the two first terms. Essay topics are chosen from a list handed out in class, and the essays are marked by the class teacher.

Reading List: Two reading lists are handed out at the beginning of the course, one dealing with books (about 40 items), and the other with articles (about 70 items). The following are among the more important items on the book reading list:

A. B. Appleby, *Famine in Tudor and Stuart England*; J. D. Chambers, *Population, Economy and Society in Pre-Industrial England*; M. W. Flinn, *British Population Growth 1700-1850*; D. V. Glass & D. E. C. Everesley (Eds.), *Population in History*; H. J. Habakkuk, *Population Growth and Economic Development since 1750*; A. S. Kussmaul, *Servants in Husbandry in Early Modern England*; P. Laslett, *Family Life and Illicit Love in Earlier Generations*; D. Levine, *Family Formation in an Age of Nascent Capitalism*; T. R. Malthus, *Essay on Population*; T. McKeown, *The Modern Rise of Population*; E. A. Wrigley & R. S. Schofield, *The Population History of England 1541-1871*.

Examination Arrangements: There will be a three-hour written examination in the Summer Term in which candidates will be expected to answer four questions, selecting within a paper consisting of about fifteen questions.

Pn7122

The Demographic Transition and The Western World Today

(Not available 1984-85)

Teacher Responsible: Chris Wilson Room A326 (Secretary, Doreen Castle, A339)

Course Intended Primarily for B.Sc. (Econ.) Part II and Course Unit. The paper forms part of the special subject in Population Studies in Part II of the B.Sc. (Econ.), but may also be taken as an outside option both by Part II non-specialists and by Course Unit students. When taken as part of the Population Studies Part II it is a second year paper, but non-specialists may take it in either second or third years. The course assumes a basic familiarity with demographic terminology and measures and thus it is advantageous for non-specialists to have taken either course Pn100, **Population, Economy and Society** or course Pn101, **Demographic Description and Analysis**. However, this is not compulsory and the first six classes of the course are designed to act as an introduction to demographic methods for students with no previous exposure to them.

Scope: This paper deals with the demographic history of Western societies over the last two centuries. This covers the period of change from a situation characterised by high birth and death rates to one where such rates are low, and known as the demographic transition. Post-transitional demographic patterns are also examined. The paper has a principally substantive focus and is organised on a thematic rather than strictly chronological basis.

Syllabus: The nature of pre-transitional Western societies; the acceleration of growth in the 18th century; the mechanism of growth and the social and economic changes which accompanied it. The course and characteristics of falling mortality; the control of fertility within marriage; fertility control as innovation or diffusion. The degree of homogeneity with the Western experience; the special case of France. The limits to mortality decline; the consequences of changes for age structure, dependency and social service provision. Post-transitional fertility behaviour; changes in the form and function of marriage; the modern determinants of fertility, mortality and nuptiality; patterns of internal and international migration; changes in household size and composition.

Teaching Arrangements: The course consists of 24 lectures and 18 classes. The lectures and most of the classes take place in the Lent

Term while the first six classes (designed as an introduction to demographic techniques) occur at the beginning of the Michaelmas Term.

Lectures: Pn103 **The Demographic Transition and the Western World Today** 24 Lent and Summer Terms.

Classes: Pn103b 18 Sessional.

Written Work: A number of essays will be required from students and each student will be asked to make a short presentation for discussion in class at least once.

Reading List: A general reading list is circulated at the start of the course. In each lecture attention is drawn to relevant readings. **Examination Arrangements:** There will be one three-hour examination in the Summer Term. This will require the answering of four essay questions drawn from a list of about 15 questions.

Pn7123

Third World Demography

Teacher Responsible: Tim Dyson, Room A327 (Secretary, A337)

Course Intended Primarily for B.Sc. (Econ.) Part II and Course Unit; M.Sc. Demography.

Scope: The general aim of the course is to give students an overview of both the causes and consequences of population trends in developing countries. As such the course is interdisciplinary in scope, and is expected to have relevance for social scientists concerned with a wide variety of Third World issues.

Syllabus: The course covers the size, distribution and growth of the populations of the main developing regions and countries; data sources; levels, trends and differentials in fertility, mortality and marriage in developing countries; the causes of mortality decline in the Third World - disease control, sanitation and water supply, economic betterment, nutrition, health service provision etc; the extent and explanation of the recent slow-down in Third World mortality improvement; synergistic interactions associated with infectious diseases and child malnutrition; the social and economic consequences of rapid population growth; possible costs and benefits of having children for peasant couples; other factors affecting fertility - child mortality, maternal education, breastfeeding patterns, the status of women, income levels and distribution. Additionally, the course will cover topics such as the influence of climate; patterns and trends in migration and urbanization in developing countries; the

populations of India and China; hunter-gatherer demography; the development of family planning programs, and an assessment of the efficiency of population programs. Finally, the course attempts to put Third World experience in perspective: in what way does developing country experience relate to that of the historical demographic development of the west?

Pre-Requisites: The paper is part of the special subject in Population Studies in Part II of the B.Sc. (Econ.), but may also be taken as an *outside option* by non-specialists in Part II and by Course Unit students. When taken as part of Population Studies Part II it is a third year paper but otherwise it may be taken in either the second or third year.

Teaching Arrangements: Teaching is by 24 weekly one-hour lectures (Pn104) and 24 corresponding one-hour classes (Pn104b). At the start of the course there will be a series of 6 classes designed to provide students without a demographic background with sufficient background information to undertake the course.

Lectures: Pn104 Third World Demography 24 Sessional.

Classes: Pn104a 24 Sessional.

Written Work: Students will be expected to do the reading associated with the lectures and classes. They will also be required to write one substantial essay, and give at least one class presentation.

Reading List: Certain readings have direct relevance for most aspects of the course. In particular: the journal, *Population and Development Review* (PDR) published quarterly since 1975 by the Population Council, New York; R. H. Cassen, 'Population and Development: A Survey' in *World Development*, Volume 4, Nos. 10/11, Pergamon Press, Oxford; R. H. Cassen, *India: Population, Economy, Society*, Macmillan Press, London, 1978; R. A. Easterlin (Ed.), *Population and Economic Change in Developing Countries*, University of Chicago Press, London, 1980; R. G. Ridker (Ed.), *Population and Development, The Search for Selective Interventions*, The Johns Hopkins Press, Baltimore and London, 1976; P. Reining & I. Tinker (Eds.), *Population: Dynamics, Ethics and Policy*, A Science Compendium, 1975; United Nations, *The Determinants and Consequences of Population Change*, U.N. New York and United States National Academy of Sciences, *Rapid Population Growth, Consequences and Policy Implications*, Baltimore, 1971. It should not be necessary to buy any of the above. A possible, reasonably priced purchase however is, R. Woods, *Theoretical Population Geography*, Longman,

London, 1982.

Supplementary Reading Lists: A supplementary reading list is available upon request from the secretary in Room A337.

Examination Arrangements: Examinations will be by a three hour formal examination in the Summer Term. Students will be expected to undertake four questions.

Pn7124

Migration

Teacher Responsible: Mr. M. Murphy, Room A328 (Secretary, A337)

Course Intended Primarily for both the B.Sc. (Econ.) Part II and Course Unit. When taken as part of Population Studies Part II it is a third year paper, but when taken by Part II non-specialists as an outside option or by Course Unit students it may be taken in either the second or third year. The course is self-contained in that 6 introductory classes have been arranged at the start of the course for those without formal demographic training. The approach is essentially inter-disciplinary and may be of particular relevance to those with interests in human geography and anthropology. Although not a highly technical course, students will be expected to have sufficient mathematical background to deal with elementary algebraic and arithmetical operations.

Scope: This course is concerned with movement patterns of human populations. At the end of the course, students should be able to:

- (i) Describe the main movements throughout history, current major trends and future prospects;
 - (ii) Evaluate the main social and economic theories which have been put forward to explain migration;
 - (iii) Critically assess and use demographic methods and models for measuring, analysing and forecasting migration, especially in those circumstances where data may be deficient.
- Syllabus:** Sources of data on gross and net flows of migration. The measurement of migration in countries with well-developed and poorly-developed data collection systems. The importance of size of areal unit on the interpretation of migration data. The influence of migration on the demographic characteristics of the population in areas of in-migration and of out-migration. Main migration movements throughout history with particular attention to world movements up to the 5th century A.D., migration in pre-industrial Europe, and international migration and urbanization in

the 19th century. Main patterns of internal and international movement in Third World countries. Effects of migration on urban growth and on villages. Attempts to specify 'laws of migration' incorporating the importance of distance, 'push' and 'pull' factors, intervening obstacles and cost benefit approaches (Ravenstein, Lee, Bogue, etc.), in the light of the observed social and economic correlates of migration. The key role of the labour market in determining long-distance migration patterns, and the corresponding role of housing in short-distance migration; migration in relation to the individual and family life cycle. Incorporation of migration into formal models of the demographic process and their use for forecasting regional population.

Teaching Arrangements: At the start of the course there will be a series of 6 classes designed to familiarize students without a demographic background with sufficient background information to undertake the course.

Lectures

Ph105 Migration 24 Sessional

Classes

Pn105a 24 Sessional

Work Requirements: Students will be expected to do the reading associated with classes, and also to prepare verbal presentations of these for classes. In addition 5 numerical exercises arising from the quantitative part of the course and 5 essays will be set. In each case the appropriate lecturer will be responsible for the work.

Reading List: The following books are relevant in addition to chapters in the mainline demographic works such as: Shryock, Seigel and Stockwell, *The Methods and Materials of Demography*; R. Woods, *Population Analysis in Geography*; D. J. Bogue, *Principles of Demography*; H. R. Jones, *A Population Geography*, Harper and Row, 1981; J. Hobcraft & P. Rees, *Regional Demographic Development*, Croom Helm, 1980; G. J. Demko, H. M. Rose & G. A. Schnell, *Population Geography: a Reader*, McGraw Hill, 1970; P. White & R. Woods, *The Geographical Impact of Migration*, Longman, 1980; J. Connell, B. Das Gupta, R. Laishley & M. Lipton, *Migration from Rural Areas: the Evidence from Village Studies*, Oxford University Press, Delhi, 1976.

Examination Arrangements: Examinations will be by three-hour formal examination in the Summer Term. Twelve questions will be set of which students will be expected to undertake four: one of the questions chosen will require some calculation.

Pn7125

Family Composition in Developed and Developing Countries

Teacher Responsible: Mr. M. Murphy, Room A328 (Secretary, A337)

Course Intended Primarily for B.Sc. (Econ.) Part II, Course Unit and M.Sc. Demography. The course is both part of the Part II B.Sc. (Econ.) special subject in Population Studies and a Course Unit option. When taken as part of the Population Studies Part II it is a third year paper but Course Unit candidates and Part II candidates taking it as an outside option may take it in either the second or third year. The course is self-contained in that 6 introductory classes have been arranged at the start of the course for those without formal demographic training. The approach is essentially inter-disciplinary and may be of particular relevance to those with interests in quantitative social science especially sociology, social history and anthropology.

Scope: This course is concerned with the family as it is influenced by, and itself influences, population size and structure. At the end of the course students should be able to:

- (i) describe the main forms of family organisation found in both developing and developed countries; and their interaction with aspects of social structure such as old age support, marriage payments, marital breakdown and illegitimacy
- (ii) understand how certain forms of family, household and kinship organisation affect fertility (through mechanisms such as age at marriage, acceptance of contraception, etc.), mortality (female status influencing sex selective mortality, treatment of the elderly) and migration (benefits of kin for facilitating migration, the extended family as inhibitory factor)
- (iii) understand the main quantitative methods of measuring family and household structure arising from both microlevel (social surveys, etc.) and macrolevel (published census tables, etc.) data

Syllabus: The universality of the family. Family structures under conditions of high, transitional and low fertility and mortality. The myth of large historical family size. Development of family structures in prehistory, the case of Dobe !Kung. The family in historical Europe: the Western European marriage pattern. The family in industrialised society: the breakdown of traditional kinship patterns? Household structure: sharing with kin and non-relatives.

The process of household formation – what influences and what inhibits it: the special role of housing. Theories of the family: economic approaches, the costs of childrearing, the special role of female paid employment in determining family formation patterns. The emerging importance of divorce and extra-marital fertility and their implications. The family in developing countries: agricultural systems, kinship patterns, marriage patterns, female status and population growth. Factors influencing family structure in developing countries (fertility), mortality, marriage, co-residence with kin, household migration, inheritance patterns, and inclusion of non-family members. Family structure as a factor in the implementation of family planning programs – the ‘Myth of Population Control’. The economic value of children in third world countries: information from time budget studies. Sex preference for children. Aging and family support. Changing marriage patterns.

Measuring the family. Problems with the use of census and administrative data, especially for kinship analysis. The role of longitudinal data and the construction and interpretation of life cycle measures for the individual and for the family. Life table methods applied to family transitions, especially formation and dissolution. Forecasting households and families. Differing perspectives on the family from the viewpoint of member and wider society.

Pre-Requisites: Although not a highly technical course, students will be expected to have sufficient background to deal with elementary arithmetical operations and the interpretation of statistical data.

Teaching Arrangements:

Lectures: Pn106 **Family Composition in Developed and Developing Countries** 24 Sessional. Classes: Pn106a 24 Sessional

Work Requirements: Students will be expected to do the reading associated with the classes, and also to prepare verbal presentations of these for classes. In addition, numerical exercises arising from the quantitative part of the course and essays will be set.

Reading List: No single book covers even a substantial fraction of this course, and much of the literature is in the form of articles given on a longer reading list. The following list of books covers many aspects of the course: P. Laslett (Ed.) assisted by R. Wall, *Household and Family in Past Time*, Cambridge U.P., 1972; Organisation for Economic Co-operation and Development, *Child and Family: Demographic Developments in the OECD Countries*, 1979; R. Andorka, *Determinants of Fertility in Advanced Societies*, 678 *Population Studies*

Methuen, 1978; C. Young, *The Family Life Cycle*, Australian National University, 1978; M. Nag (Ed.), *Population and Social Organisation*, Mouton, 1975; M. Anderson (Ed.), *Sociology of the Family* (2nd edn.), Penguin, 1980; Central Policy Review Staff and Central Statistical Office, *People and their Families*, HMSO, 1980; R. Fox, *Kinship and Marriage*, Penguin, 1967; Papers of the World Population Conference, Bucharest 1974, *The Population Debate: Dimensions and Perspective*, Volume II, United Nations, 1975; C. C. Harris, *The Family*, George Allen and Unwin, 1969; J. Goody, *Production and Reproduction*, Cambridge U.P., 1976.

Examination Arrangements: Examinations will be by a three hour formal examination in the Summer Term (except for M.Sc. Demography students who should consult the corresponding guide for Social and Economic Demography). Twelve questions will be set of which students will be expected to undertake four.

Pn7126

Statistical Demography

Teacher Responsible: Mr. M. Murphy, Room A328 (Secretary, A337)

Course Intended Primarily for B.Sc. (Econ.) Part II special subject in Population Studies. It may be taken in either the second or third year and is also available to suitable non-specialists in Part II and Course Unit candidates. The course requires no formal prior demographic training but it does assume a reasonable degree of mathematical competence covering matrix algebra (including eigenvalue theory) and calculus. In general EMM or EST would be sufficient. (It should also be noted that a degree of literacy is also useful). The course is likely to be of particular interest to students who wish to adopt a more analytical approach to demography than, for example, Pn101, especially those with main interests in actuarial science, statistics and associated subjects.

Scope: This course is concerned with the ways in which mathematical and statistical techniques may be used to examine how a population evolves in size and structure. At the end of the course, students should be able to:

- (i) Formulate population dynamics in terms of systems of mathematical equations and use them in real life situations such as population projections.
- (ii) Recognise and analyse the inherently stochastic nature of population processes and

the implications of this for interpreting demographic variables such as observed birth intervals.

(iii) Examine how the key features of social and economic theories of the detailed process of fertility, mortality, nuptiality, reproductivity and migration may be formulated as mathematical models in order to illuminate the most important aspects of these phenomena.

Syllabus: Simple models of population growth, exponential, logistic etc. Analysis of mortality using life tables: model life tables, continuous and multiple decrement formulations; statistical properties of life table estimators. Stable and stationary populations and their use for estimation of demographic parameters in less developed countries. Continuous (Lotka) formulation of population dynamics equation, why a population converges to a stable form (strong and weak ergodicity); solutions of renewal equation. Discrete (Leslie) formulation of population dynamics and its use in making population projections. Prospects for change in fertility and mortality in developed countries and their implications for population growth. The existence of cycles in population growth: Their analysis and interpretation in historical and current population.

Multi-state analysis for regional populations. Parity progression ratios. Mathematical models for fertility and mortality schedules: relational Gompertz and logit models. Quantitative models of nuptiality. Models of reproductivity and measurement of fecundability. Analytic and simulation approaches to reproductivity and household structure. Sources of demographic data.

Teaching Arrangements:

Lectures:

Pn107 **Mathematical and Statistical Demography** 26 Lent and Summer Terms.

Classes:

Pn107a 19 Sessional.

(There are 6 classes at the start of the Michaelmas Term which serve as a general introduction to demography for students with no previous background in the subject.)

Mr. M. Murphy (A328) will take all lectures and classes for this course.

Written Work: Written work consists of weekly set exercises associated with the lectures. These are mainly of a mathematical nature.

Reading List: The first two volumes given here cover a substantial part of the course. Keyfitz is more comprehensive, but rather expensive. Pollard is available in paperback.

N. Keyfitz, *Introduction to the Mathematics of* 679 *Population Studies*

Population, Addison Wesley (1977 revised edn.); J. H. Pollard, *Models for Human Populations*, Cambridge (1973); A. J. Coale, *The Growth and Structure of Human Populations: a Mathematical Investigation*, Princeton (1972); R. C. Elandt-Johnson & Johnson, *Survival Models and Data Analysis*, J. Wiley (1980).

Examination Arrangements: Examination is by a single three-hour examination in the Summer Term. Four questions are to be answered: one out of three in Section A, which is an essay or note-type question and three out of nine in Section B, which are generally mathematical in nature.

Pn7127

Applied Population Analysis

Teacher Responsible: Professor John Hobcraft, Room A340 (Secretary, Doreen Castle, A339)

Course Intended Primarily for B.Sc. (Econ.)

Part II and Course Unit. This paper is compulsory for students taking the special subject Population Studies in Part II of the B.Sc. (Econ.). But it may also be taken as an outside option both by Part II non-specialists and by Course Unit students. The paper assumes that students have taken (or are concurrently taking) **Demographic Description and Analysis (Pn7120)**.

Scope: This course explores the use of basic demographic concepts and techniques in social, economic and medical planning and research. Some emphasis will be given to applications in local and central government planning. During the course, students will gain experience in the analysis and interpretation of information from the major sources of population statistics including censuses, vital registration, the OPCS Longitudinal Study, the GB General Household Survey, Census Small Area Statistics and the World Fertility Survey. The course will include an introduction to one or more relevant computer packages. A further aim is to convey research strategy in answering policy related questions.

Syllabus: The course will cover a number of topics, which will vary from year to year, but are chosen to illustrate the use of a wide range of demographic procedures, including the life table, standardisation and population projections. The applications will also use a range of major sources of population statistics. Examples of topics to be covered, which convey the nature of the course are: the use of population projections at the national

level, including studies of ageing, provision of places in higher education and the momentum of population growth in developing countries; the application of regional and local projections in planning housing, schooling etc.; manpower planning; household and family structure and composition; the implications of recent rising frequency of divorce; assessing the impact of contraception and abortion on fertility; the use of survey data in assessing family planning programmes; women's participation in the labour force; the impact of breastfeeding on fertility and infant mortality; inequalities in health in the U.K. and developing countries; inputs to planning of primary health care; occupational mortality; unemployment and mortality; fluoridation of water supplies and cancer mortality.

Teaching Arrangements: The course consists of three components. The first and major component is a two-hour session (Pn108) each week for the Michaelmas and first half of the Lent terms, which will consist of a variety of presentations, often beginning with a short introductory lecture or a presentation by a student, followed by in-depth class discussion of the relevant topic. Students will be expected to make considerable use of major statistical sources. The second component will consist of 15 one-hour practicals (Pn108a) on one or more relevant computer packages, again in the Michaelmas and first half of the Lent terms. The third component involves the student undertaking a short research project under supervision, to be completed and submitted by the second week of the Summer term.

Written Work: Approximately two essays and 5 compulsory practical exercises involving data interpretation and analysis will be required of each student. These practical exercises and essays will provide some of the basis for the class discussions. In addition, as indicated above, each student will be required to undertake a short piece of social research. A register of suitable topics for research will be available. Written reports based on the research are expected, and should be of approximately 3-5,000 words in length.

Reading List: A reading list will be circulated at the start of the course. Additional readings will be provided in the class sessions.

Examination Arrangements: There will be one three hour examination in the Summer Term which will account for 75% of the overall mark for the course. The remaining 25% of assessment will be on the basis of the student's research project. The examination will consist of two sections. Section I involves answering *two* questions on data interpretation or analysis and section 2

involves answering *two* essay questions dealing with the concepts, techniques and topics discussed in the course.

Pn8100

Analytic Demography

Teacher Responsible: Professor John Hobcraft, Room A340 (Secretary, Doreen Castle, A339)

Course Intended Primarily for the M.Sc. in Demography. The paper is compulsory. **Scope:** The paper deals principally with demographic techniques and concepts. The treatment is both theoretical and quantitative with the aim of providing students with a sound basis in the main techniques of demographic analysis and an understanding of the inter-relationships between demographic processes. It draws on the teaching provided in a number of courses.

Syllabus: The syllabus of this paper can best be summarised by reference to the component courses. Pn151, **The Analysis of Fertility and Mortality**, deals with measures of marital and overall fertility, nuptiality and replacement; intermediate fertility variables and models of fertility; the construction and interpretation of life tables and other measures of mortality; logit life tables and the concepts of stationary and stable populations. In the course Pn152, **Population Dynamics and Projections**, the following topics are dealt with: population growth theory; stable and semi-stable populations; relations between demographic processes and the age structure; the nature and patterns of variation in fertility, mortality and nuptiality. The course Pn155, **Indirect Demographic Estimation** introduces techniques for estimating demographic parameters from unconventional or limited data sources with particular attention to mortality and fertility. Course Pn156, **The Analysis of Demographic Event Histories** covers frameworks and procedures of analysis for event history data, particularly those emanating from retrospective demographic surveys. **Teaching Arrangements:** The teaching arrangements for this paper vary from course to course. However, the usual format is for there to be a number of lectures with the associated classes given over to practical examples. The hours of lectures associated with each course is presented below, along with the term in which they occur. Lectures: Pn151 **The Analysis of Fertility and Mortality** 20 Michaelmas Term.

Pn152 **Population Dynamics and Projections** 30 Lent and Summer Terms.

Pn155 **Indirect Demographic Estimation** 20 Lent Term.

Pn156 **The Analysis of Demographic Event Histories** 10 Lent Term.

Classes: Pn151a 10 Michaelmas Term.

Pn155a 15 Lent and Summer Terms.

Pn156a 10 Lent Term.

Written Work: This again varies between courses. In general, however, students will be expected to undertake computational exercises at regular intervals throughout each course. Given the mainly technical nature of the course, there are few essay requirements, although an occasional essay may be required. **Reading List:** Reading lists will be handed out for each course.

Examination Arrangements: There will be one three-hour examination in June. The examination is in three sections. Section 1 will comprise a basic question of a mainly computational nature on the material covered in course Pn151, i.e. on fertility or mortality analysis. Section 2 will entail students answering 2 questions, again of a primarily computational type drawn in the main from the courses Pn155 on indirect estimation or Pn156 on demographic event histories. Questions based on material covered in course Pn151 may also be included. Section 3 requires students to answer an essay question. There will be a list of approximately four questions dealing with the inter-relationships between demographic processes, drawing mainly on course Pn152 on population dynamics.

Pn8101

Applied Demography

Teacher Responsible: The paper is coordinated by Tim Dyson, Room A327 (Secretary, A337)

Course Intended Primarily for M.Sc. Demography.

Pre-Requisites: The paper is primarily designed for students taking the M.Sc. in Demography. For these students it is compulsory, and constitutes their second paper (out of a total of three). **Scope:** The paper covers four subject areas of practical concern to working demographers, especially those involved with the 'dirty' - but vitally important - jobs of gathering and evaluating demographic data.

(i) **The Collection of Demographic Data**

(ii) **Demographic Sampling and Survey Design**

(iii) **Evaluation of Family Planning Programmes**

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and

(iv) **Sources and Techniques of Historical Demography.**

Syllabus: The contents of the four constituent elements are as follows:

(i) **The Collection of Demographic Data**

The historical development of demographic statistics. The stages involved in planning a census. The content of census and survey schedules. Basic response errors. The structure of census organizations. Vital registration. Types of demographic sample survey. The World Fertility Survey programme.

(ii) **Demographic Sampling and Survey Design**

Basic principles of statistical sampling and their application to demographic surveys. Different types of demographic sample survey design. Questionnaire and schedule design.

(iii) **Evaluation of Family Planning Programmes**

The aims of programmes; the concept of evaluation; 'internal' methods of evaluation - cost/benefit, acceptor data, coupon systems. Evaluation of programmes' demographic impact: standardization, fertility trend analysis, couple years of protection, births averted, multiple areal regression and path analysis, contraceptive prevalence surveys. Case studies.

(iv) **Sources and Techniques of Historical Demography**

The nature of historical source material; problems of coverage and bias. Opportunities and problems presented by the data. Aggregative and nominal techniques of tabulation and analysis.

Teaching Arrangements: Teaching consists of 25 one-hour lectures and approximately 20 allied classes spread throughout the Michaelmas, Lent and Summer Terms. These lectures and classes are distributed by course as follows:

Lectures

Pn153 **The Collection of Demographic Data** 10 Michaelmas Term

Pn154 **Demographic Sampling and Survey Design** 5 Lent Term

Pn157 **Evaluation of Family Planning Programmes** 5 Summer Term

Pn158 **Sources and Techniques of Historical Demography** 5 Summer Term

Classes

Pn153a 10 Michaelmas Term

Pn154a 3 Lent Term

Pn157a 3 Summer Term

Pn158a 3 Summer Term

Written Work: Students will be expected to do the bulk of the reading associated with lectures and classes. They will be required to undertake several class practicals. Finally, each student will be responsible for approximately two class presentations.

Reading List: There is a separate reading list for each course. However, the following readings are particularly central:

Pn153 H. S. Shryock & J. S. Siegel, *The Methods and Materials of Demography* (condensed version), especially chapters 2, 3 and 24.

Pn154 C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*, Heinemann, London - chapters 4, 5, 6, 7 and 13.

Pn157 A. I. Hermalin & C. Chandrasekaran, 'Overview', in Chandrasekaran & Hermalin (Eds.), *Measuring the Effect of Family Planning on Fertility*, Ordina Editions, Dolhain, Belgium, 1975.

Pn158 E. A. Wrigley (Ed.), *An Introduction to English Historical Demography*.

Supplementary Reading Lists: Reading lists specific to each of the courses constituting this paper are available upon request from the secretary in Room A337.

Examination Arrangements: The paper is examined by a three-hour formal examination in the Summer Term. Candidates are required to answer four questions (one of which is compulsory).

Pn8102

Social and Economic Demography

Teacher Responsible: Mr. C. M. Langford, Room A341 (Secretary, A337)

Course Intended Primarily for M.Sc. Demography.

Scope: The course is intended (i) to give students a grasp of the main demographic changes there have been in the West during the past 150 years and in other countries more recently, and of the causes and implications of these changes, and (ii) a more detailed understanding of ONE of the following topics: (a) **Third World Demography**, (b) **The Demographic Transition and the Western World Today**, (c) **The Population History of England**, (d) **Family Composition in Developed and Developing Countries**, and (e) **Migration**.

Availability: This paper is a compulsory part of the M.Sc. in Demography.

Syllabus: Core part of the course.

The socio-economic context and its relationship to the fertility, mortality and nuptiality characteristics of populations; contrasts between traditional and modern societies. Models of the inter-relationships between demographic, social and economic variables.

Options

(a) **Third World Demography.**

Sources of data and approaches to them. Distribution and growth of population in developing countries and their demographic characteristics. Causes and concomitants of fertility differentials and trends: mortality, nuptiality, contraception, breast-feeding, education, economic motivation, urbanization, status of women. The mortality decline: nutrition and health. Demographic-economic interrelations: fertility, mortality, age structure, income level and distribution, social capital provision. Family planning programmes. Explanations of fertility decline.

(b) **The Demographic Transition and the Western World Today**

The acceleration of population growth in the eighteenth and nineteenth centuries, the mechanism of growth and the changes in economy and society which accompanied it. The course and characteristics of falling mortality. The control of fertility within marriage; fertility control as diffusion or innovation; revisions made necessary by micro-level studies. The degree of homogeneity within European experience; the special case of France. The limits of mortality decline. Post-transition fertility behaviour; changes in the form and function of marriage. The modern determinants of short and long-term trends in fertility, nuptiality and mortality; age structure, dependency and social service provision.

(c) **The Population History of England**

Available sources and their exploitation. The phasing of growth; relative importance of fertility, mortality and net migration changes in determining growth rates. Secular and short-term economic and demographic trends. English family structure and marriage behaviour. Fertility and mortality in the industrial revolution; family and kin during the period of rapid urban and industrial growth; the cities, public health and mortality. The decay of the traditional system of social regulation of fertility; the control of fertility within marriage; the special features of the demographic transition in England.

(d) **Family Composition in Developed and Developing Countries**

Demographic description and analytic techniques for the study of families and households. The nature of demographic constraints upon family composition; features sensitive to change in demographic parameters; interplay of cultural, social and economic factors in influencing family composition. Distinctions between the conjugal family, and the household. The changing balance of dependants during the

life cycle of the individual and the family; production and consumption over the life cycle; redistribution of resources within families and kin groups; questions of inheritance and treatment of the aged. Household projections. Special attention will be paid to the patterns found in contemporary societies, both developing and developed.

(e) **Migration**

The relevance of areal perspectives in demography. Integration of migration into models of population dynamics. Measurement problems both theoretical and empirical; gross and net flows; migration as a function of the size of the unit area studies. The influence of migration on the demographic characteristics of a population and vice-versa. Models of migration; 'push' and 'pull' factors; migration flows and individual and family life cycles; the economic and social correlates of migration; social and geographical mobility. Continuity of patterns in periods of rapid economic and social change; migration and the breakdown of traditional attitudes; internal migration and the city with special attention to the history of migration in Britain and in contemporary Third World countries.

Teaching Arrangements: Core part of course

(i) **Pn150 Social and Economic Demography:**

There are 10 lectures and 5 classes (all taken by Mr Langford) in the Michaelmas Term. The main object of the classes will be to promote discussion of matters arising from the lectures and associated reading.

(ii) **Pn160 Social Demography** (Graduate Class): 15 one-and-a-half hour meetings in the Summer Term on topics arising from Pn150 (taken by Mr Langford). Students will be required to present at least one paper at this class.

(iii) **Pn161 Fertility and Mortality in Their Socio-Economic Context (Seminar):** 19 one-and-a-half hour meetings in the Michaelmas and Lent Terms (arranged by Mr Langford). Talks, mainly on recent research and work in progress, given by invited speakers, often from outside the School.

Options

(a) Lectures Pn104 **Third World Demography** 24 Sessional.

Classes Pn104a 18 Sessional

(b) Lectures Pn103 **The Demographic Transition and the Western World Today** 24 Lent and Summer Terms.

Classes Pn103a 14 Lent and Summer Terms

(c) Lectures Pn102 **The Population History of England** 24 Sessional

Classes Pn102a 12 Sessional

(d) Lectures Pn106 **Family Composition in Developed and Developing Countries** 24 Sessional

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Classes Pn106a 18 Sessional

(e) Lectures Pn105 **Migration** 24 Sessional

Classes Pn105a 18 Sessional

Written Work: Core part of course.

Two essays will be required in the Michaelmas Term, at least one class paper in the Summer Term. Class presentations and essays will be required.

Reading List: The following is a general and introductory reading list. Further reading will be given during the course.

G. W. Barclay, *Techniques of Population Analysis*, 1958; D. V. Glass, *Numbering the People*, 1973; W. Petersen, *Population*, 1969; R. Pressat, *Population*, 1970; A. Sauvy, *General Theory of Population*, 1969 (hardcover), 1974 (paperback); United Nations, *The Determinants and Consequences of Population Trends*, Population Studies No. 17, 1953; *Population Studies* No. 50, 1973 (2 volumes); United Nations, *The Population Debate: Dimensions and Perspectives*, Papers of the World Population Conference, Bucharest 1974; *Population Studies* No. 57, 1975 (2 volumes); United Nations, *World Population Trends and Policies*, 1977 Monitoring Report, *Population Studies* No. 62, 1979 (2 volumes); E. A. Wrigley, *Population and History*, 1969.

Examination Arrangements: There will be a three-hour written examination in the Summer Term. The paper will require four questions to be answered, one relating to the core part of the course described here, and three relating to the chosen option.

Pn8110

Demographic Techniques and Analysis

Teacher Responsible: Mr. C. M. Langford, Room A341 (Secretary, A337)

Course Intended Primarily for M.Sc. Statistics: students intending to undertake this course should contact Mr. Langford in the first instance.

Scope: The course is intended to cover the main aspects of the measurement and analysis of major demographic variables with special reference to developing countries.

Syllabus: The following courses comprise the basis for this paper:

Pn151 **The Analysis of Fertility and Mortality** deals with measures of marital and overall fertility, nuptiality and replacement; intermediate fertility variables and models of fertility; the construction and interpretation of life tables and other measures of mortality;

logit life tables and the concepts of stationary and stable populations.

Pn153 The Collection of Demographic Data. The historical development of demographic statistics. The stages involved in planning a census. The content of census and survey schedules. Basic response errors. The structure of census organisations. Vital registration. Types of demographic sample survey. The World Fertility survey programme.

Pn155 Indirect Demographic Estimation introduces techniques for estimating demographic parameters from unconventional or limited data sources with particular attention to fertility and mortality.

Pn156 The Analysis of Demographic Histories covers frameworks and procedures of analysis for event history data, particularly those emanating from retrospective demographic surveys.

Pn161 Fertility and Mortality in their Socio-Economic Context Seminars on current research and work in progress given by invited speakers, often from outside the School.

Teaching Arrangements: Lectures: Pn151 20 Michaelmas Term; Pn153 10 Michaelmas Term Pn155 20 Lent Term; Pn156 10 Lent Term; Pn161 19 Michaelmas and Lent Terms. Classes: Pn151a 10 Michaelmas Term; Pn153a 10 Michaelmas Term; Pn155a 15 Lent and Summer Terms; Pn156a 10 Lent Term.

Reading List: Reading lists will be given out in the appropriate courses.

Examination Arrangements: The paper is examined by a three-hour formal examination in the Summer Term.

Psychology Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number		Study Guide Number
Ps100	Introduction to Individual and Social Psychology Dr. G. D. Gaskell, Dr. J. E. Stockdale and Mr. R. Holmes	25/MLS Ps5400
Ps101	Psychoanalytic Theories and their Derivatives Dr. Hildebrand	6/L Ps101; Ps5400
Ps103	Developmental and Biological Aspects of Behaviour (i) Developmental Psychology Dr. J. McShane (ii) Physiological Psychology Dr. S. Green	16/ML Ps5405 12/ML Ps5405
Ps104	Experimental Work on the Psychology of Groups (not available 1984-85) Mr. A. D. Jones	20/ML Ps104
Ps105	Methods of Psychological Research I: Laboratory Dr. J. E. Stockdale and Dr. A. E. M. Seaborne	23/MLS Ps5406
Ps106	Personality and Social Behaviour Professor R. M. Farr and Dr. A. P. Sealy	30/ML Ps5421
Ps108	Methods of Psychological Research II (i) Methods Dr. G. D. Gaskell and Dr. A. P. Sealy (ii) Laboratory Dr. G. D. Gaskell, Dr. A. P. Sealy, and Dr. A. E. M. Seaborne (iii) Psychological Statistics Dr. J. E. Stockdale	20/ML Ps5420 24/MLS Ps5420 24/MLS Ps5420
Ps109	Cognitive Psychology Dr. A. E. M. Seaborne	23/MLS Ps5422
Ps113	Abnormal Psychology Dr. Trauer	8/M Ps113

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
Ps115	Advanced Study of Psychological Processes Dr. G. D. Gaskell, Mr. R. Holmes, Professor R. M. Farr and Mr. S. Wooler	23/MLS	Ps5501
Ps116	Social Change and Social Organisations Professor R. M. Farr, Professor H. Himmelweit, Mr. R. Holmes and Dr. A. N. Oppenheim	23/MLS	Ps5502
Ps118	Child Development Dr. J. McShane	23/MLS	Ps5511; Ps6400
Ps119	Personality and Motivation — Seminar Dr. A. P. Sealy	23/MLS	Ps5512
Ps120	The Role of the Mass Media Professor H. Himmelweit	4/M	Ps120; Ps5514; Ps6410
Ps121	Psychology on Film and Video Dr. P. C. Humphreys	10/ML	
Ps150	Communication and Attitude Change — Seminar Professor H. Himmelweit and Dr. P. C. Humphreys	23/MLS	Ps5514; Ps6410
Ps152	Social Psychological Methods of Research (i) Survey Methodology and Experimental Design (ii) Advanced Data Analysis Dr. A. N. Oppenheim, Dr. G. D. Gaskell, Dr. J. E. Stockdale, Dr. P. C. Humphreys and Professor R. A. Farr	60/ML	Ps6499
Ps153	Social Psychology of Organisations — Seminar Mr. R. Holmes	24/MLS	Ps6403
Ps154	Psychodynamic Models — Seminar Dr. P. C. Humphreys	24/MLS	Ps6407
Ps155	Groups and Group Functioning — Seminar (not available 1984–85)	22/MLS	Ps6402
Ps156	Social Psychology of Conflict — Seminar Dr. A. N. Oppenheim	23/MLS	Ps5516; Ps6404
Ps157	Interpersonal Behaviour — Seminar (not available 1984–85) Mr. A. D. Jones	23/MLS	Ps5513; Ps6409
Ps158	Industrial Psychology Mr. R. Holmes	10/M	SM8345

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
Ps159	The Psychological Study of Social Issues — Seminar Dr. A. N. Oppenheim	23/MLS	Ps5510; Ps6405
Ps160	Language, Thought and Communication — Seminar (not available 1984–85) Dr. J. McShane	MLS	Ps5515; Ps6401
Ps161	Psychology Seminar Members of the Department	12/MLS	Ps161
Ps162	Current Research in Social Psychology Dr. G. D. Gaskell	10/ML	Ps162
Ps164	Decision Making and Decision Analysis Dr. P. C. Humphreys	24/MLS	Ps5517; Ps6412
Ps165	The Psychological Aspects of Legal Processes Dr. A. P. Sealy	24/MLS	Ps5518; Ps6411
Ps166	Collective Psychologies and Sociological Forms of Social Psychology Professor R. M. Farr	20/ML	Ps5520; Ps6413

PSYCHOLOGY

Ps101 Psychoanalytic Theories and their Derivatives

Teacher Responsible: Dr. Hildebrand.
Course Intended Primarily for B.Sc. c.u. main field Social Psychology 1st year; optional for B.Sc. S.S. and A. 3rd year; Diploma Soc. Pol. and Admin. I.
Teaching Arrangements: Six lectures (Ps101) Lent Term.
Examination Arrangements: Non-examinable.

Ps104 Experiential Work on the Psychology of Groups

(Not offered 1984-85)
Teacher Responsible: Mr. A. D. Jones, Room S311 (Secretary, Mrs. P. Christopher, S316)
Course Intended Primarily for B.Sc. c.u. main field Social Psychology 1st and 2nd years on an optional basis.
Syllabus: An introduction to theory and practice of Gestalt, encounter and T-groups.
Teaching Arrangements: A Sessional lecture course (Ps104).

Ps113 Abnormal Psychology

Teacher Responsible: Dr. Trauer.
Course Intended Primarily for B.Sc. c.u. main field Social Psychology 2nd year; optional for M.Sc.; B.Sc. S.S. and A. 3rd year; Diploma in Soc. Pol. and Admin. I.
Syllabus: Aspects of abnormal psychology; classification; aetiology, treatments, theories of mental illness.
Teaching Arrangements: Eight lectures (Ps113), Michaelmas Term.
Examination Arrangements: Non-examinable.

Ps120 The Role of the Mass Media

Teacher Responsible: Professor Hilde Himmelweit, Room S364

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 3rd year; M.Sc. Social Psychology; Diploma in Social Psychology and other interested students.
Teaching Arrangements: Four lectures (Ps120), Michaelmas Term.
Examination Arrangements: Non-examinable.

Ps121 Psychology on Film and Video

Teacher Responsible: Dr. Patrick Humphreys, Room S367 (Secretary, Mrs. P. Christopher, S316)

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 1st, 2nd and 3rd years; M.Sc. Social Psychology.
Teaching Arrangements: Fortnightly lectures (Ps121), Michaelmas and Lent Terms.
Examination Arrangements: Non-examinable.

Ps161 Psychology (Seminar)

Teacher Responsible: Professor R. M. Farr, Room S303 (Secretary, Miss M. Rennie, S304) These seminars will be given by outside speakers.
Course Intended Primarily for graduate students; B.Sc. c.u. main field Social Psychology 3rd year.
Teaching Arrangements: Fortnightly seminars (Ps161), Sessional.
Papers will be presented by outside speakers.
Examination Arrangements: Non-examinable.

Ps162 Current Research in Social Psychology

Teacher Responsible: Dr. G. Gaskell, Room S307 (Secretary, C. Woodgate, S316)
Course Intended Primarily for staff and graduates.
Teaching Arrangements: Fortnightly seminars (Ps162) Michaelmas and Lent Terms.
Examination Arrangements: Non-examinable.

Ps5400 Introduction to Individual and Social Psychology

Teacher Responsible: Dr. G. Gaskell, Room S307 (Secretary, C. Woodgate, S316)

Course Intended Primarily for B.Sc. (Econ.) Part I and Part II; B.Sc. c.u. main fields Soc. Psych., Maths., Stats., Comp., Act. Sci., Man. Sci., Geog. 1st year, Soc., Soc. Anth.; B.Sc. S.S. and A. 2nd and 3rd years.; Dip. Soc. Admin.

Scope: An introduction to the theories and concepts of psychology, the study of man's behaviour: how people perceive, think, feel and act.

Syllabus: The biological bases of behaviour, instincts and ethological concepts; the mechanisms of learning, perception, memory and language; the processes of socialisation through social learning and identification; familial and social influences. The development of individual differences in ability; the meaning and measurement of intelligence. Definitions and dynamics of personality. Attitudes and options. Social interaction in groups; conformity, obedience and interpersonal communication.

Pre-Requisites: None
Teaching Arrangements: The course comprises a sessional weekly lecture and class.

(i) Ps100: A weekly lecture. The lectures in this series are given by Dr. Gaskell, Dr. Stockdale, Mr. Holmes.

(ii) Ps100a: A weekly class to which students are allocated in the early part of the Michaelmas Term. Class teachers are generally part-time.

(iii) Ps101: **Psychoanalytic Theories and their Derivatives** (6 lectures). Dr. Hildebrand. These lectures are compulsory for 1st year B.Sc. Main Field Soc. Psych. and optional but highly recommended for other students attending Ps100.

Written Work: Students are expected to write 5 essays during the Session. Topics are set by class teachers who assess the essays and discuss students' work.

Reading List: Recommended reading: Hilgard & Atkinson, *Introduction to Psychology*, Harcourt Brace & World, 1970 (7th edn.); Brown & Hearnstein, *Psychology*, Methuen, 1975; R. Brown, *Social Psychology*, Macmillan 1965; Taylor & Sluckin, *Introducing Psychology*, Penguin, 1982; Tajfel & Fraser, *Introducing Social Psychology*, Penguin, 1978. Additional references and a synopsis of lectures and class topics is distributed in the first lecture of the series and available in

S316.
Examination Arrangements: There is a three hour examination in the Summer Term based on the syllabus of the lectures and classes. Students must answer 4 questions.

Ps5405 Developmental and Biological Aspects of Behaviour

Teacher Responsible: Dr. J. McShane, Room S384 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for B.Sc. Social Psychology (first year), also for B.Sc. (Econ.) first year students and other course unit degree students.

Scope: The course consists of two separate sections: A. Developmental and B. Biological Aspects of Behaviour. The course aims to provide an introduction to the two areas.

Syllabus: A. Developmental Aspects of Behaviour: Development in infancy including sensory, motor, cognitive, linguistic, and social development. The development of intelligence, memory, morality and sex-role awareness in childhood. Socialization.

B. Biological Aspects of Behaviour (teacher: Dr. S. Green, Birkbeck College): The aim of the course is to provide an introduction to the physiological bases of behaviour. After an outline of the basic structure and organization of the human nervous system, a detailed examination is made of the brain mechanisms involved in language, perception, memory and learning, emotional behaviour, sleep and arousal, motivated behaviours such as hunger and exploration, and sensory processes. More advanced topics, such as the possible brain disorganizations underlying schizophrenia and depression, are introduced.

Pre-Requisites: Students from outside the Social Psychology Department contemplating this course should have taken (or should take simultaneously) the course **Introduction to Individual and Social Psychology**.

Teaching Arrangements: Developmental: Sixteen weekly lectures (Ps103 i) of one hour. Classes are held fortnightly.

Biological: Twelve weekly lectures (Ps103 ii) of two hours. (Lectures begin in November.) There will be revision classes in the Summer Term.

Written Work: Students are encouraged to write three essays on set topics in developmental psychology.

Reading List: Developmental: You should buy the following:

S. R. Yussen & J. W. Santrock, *Child Development: An Introduction*, W. M. C. Brown, 1982.

The following will also be useful: K. Danziger, *Socialization*, Penguin, 1971; M. Donaldson, *Children's Minds*, Fontana, 1978; J. Flavell, *Cognitive Development*, Prentice-Hall, 1977; E. Maccoby, *Social Development*, Harcourt, Brace, Jovanovich, 1980; M. Rutter, *Maternal Deprivation Reassessed*, Penguin, 1981.

Biological Aspects: (in order of preference) N. R. Carlson, *Physiology of Behaviour* (2nd edn.), Allyn & Bacon, 1980; R. F. Thompson, *Introduction to Physiological Psychology*, Harper & Row, 1975; T. L. Bennett, *Introduction to Physiological Psychology*, Brooks/Cole, 1982.

Examination Arrangements: A three-hour written examination in the Summer Term. The examination paper consists of two parts that correspond to the two sections of the course. Students are required to answer two questions from each section. In addition candidates *may* submit two essays to the examiners. The marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5406

Methods of Psychological Research I: General and Statistical

This comprises two components:

- (i) Ps105 Laboratory Course;
- (ii) SM202 Statistical Methods for Social Research.

Students must attend *both* components. This study guide deals with the LABORATORY course. For details of the Statistics component, students should consult the Study Guide SM7215:

Statistical Methods for Social Research.

Teacher Responsible: Dr. J. E. Stockdale, Room S386 (Secretary, Catherine Woodgate, S316)

Other Course Lecturers: Dr. A. E. Seaborne, Room S385; Dr. J. McShane, Room S384; Dr. G. Gaskell, Room S307.

Course Intended Primarily for B.Sc. c.u. Main

Field Soc. Psych. 1st year.

Scope: An introduction to experimental design and research methods in Psychology.

Syllabus: Introduction to experimental design and research methods in relation to design and conduct of laboratory and field studies. The areas examined will include learning, memory, thinking, perception, child behaviour and social processes. Students will also be introduced to measurement and scaling, and techniques of testing in relation to psychological assessment of attitudes, personality and intelligence. An introduction to statistical analysis of experimental data using SPSS. The experiments conducted will be related to topics discussed in Ps100 (**Introduction to Individual and Social Psychology**).

Pre-Requisites: None.

Teaching Arrangements: Sessional, weekly three-hour laboratory session (Ps105). Students participate in the design and conduct of experiments and are expected to write reports on each of the studies they carry out. These reports are marked by the teaching assistant and Dr. J. E. Stockdale and may be discussed with them.

Reading List: Students are not advised to purchase any text, but they may wish to consult:

H. H. Johnson, & R. L. Solso, *An Introduction to Experimental Design in Psychology. A Case Approach*, Harper & Row, 1971; A. M. Snadowsky (Ed.), *Social Psychology Research: Laboratory Field Relationships*, Free Press, 1972; B. J. Underwood & J. J. Shaughnessy, *Experimentation in Psychology*, Wiley, 1975.

Recommended reading related to individual content areas will be given during the course. **Examination Arrangements:** The Laboratory Course assessment is based on EIGHT laboratory reports completed during the session and formally submitted for assessment in the Summer Term. This amounts to 50% of the marks awarded for this unit, the remainder comprising Statistics exam. (35%) and Statistics exercises (15%).

Ps5420

Methods of Psychological Research II: Social and Statistical

Teachers Responsible: Dr. George Gaskell, Room S307 and Dr. J. E. Stockdale, Room S386 (Secretary, Catherine Woodgate, S316)

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 2nd year; Diploma Social Psychology and other interested students. For the sake of clarity, this guide is divided into two sections covering:

Section A Methods of Psychological Research - Laboratory Sessions
Section B Psychological Statistics
Each section comprises 50% of the assessment of the course.

Section A: Methods of Psychological Research II: Laboratory Sessions

Teacher Responsible: Dr. G. Gaskell, Room S307 (Secretary, C. Woodgate, S316)

Course Intended Primarily for (see above)

Scope: The course is intended to give students experience in the design, execution and analysis of social psychological research, and the assessment of individuals.

Syllabus: Assumptions underlying social and psychological experimentation and research. Problems of measurement and the assessment of individual differences, in particular attitude scaling, personality questionnaires, projective techniques and repertory grids. Practical experience in the conducting of psychological experiments in the areas of cognitive and social psychology. Training in observational methods and interviewing.

Pre-Requisites: Completion of the course Ps105 **Methods of Psychological Research I** or comparable experience in experimental design and research methods in psychology.

Teaching Arrangements: Ps108(i): **Methods of Psychological Research:** Lectures: 20, Dr. Gaskell, Dr. Sealy. Ps108(ii): **Laboratory Sessions:** 24 Sessions, Dr. Sealy, Dr. Gaskell, Dr. McShane, Dr. Seaborne.

Written Work: 4 research reports on the empirical projects conducted during the year. The two reports relating to the 1st term should be submitted before the end of the 1st week of the Lent Term, the two relating to the Lent Term's work before the end of the 1st week of the Summer Term. The reports will be assessed by the relevant lecturer with whom students can discuss their work.

Reading List: A. F. Chalmers, *What is this thing called Science?*, Open University Press, 1978; T. D. Cook & D. Campbell, *Quasi Experimental Design and Analysis: Issues for Field Settings*, Rand McNally, 1979.

Examination Arrangements: There is a two hour written examination in the Summer Term containing 8 questions of which 3 must be answered. Laboratory notebooks containing the four research reports, with a suitable index must be submitted early in the Summer Term for final evaluation. The examination and laboratory notebooks are given equal weight in the assessment of Section A of the course.

Section B: Psychological Statistics

Teacher Responsible: Dr. J. E. Stockdale, Room S386 (Secretary, C. Woodgate, S316)

Scope: The course aims to familiarize students with parametric and non-parametric techniques of data analysis and their application to psychological data.

Syllabus: Revision: Sampling, inference and hypothesis testing. Non parametric tests for comparing 2 & k samples, related and independent groups. Non parametric measures of association and correlation. Simple linear regression and parametric measures and correlation. Assumptions and models underlying analysis of variance (fixed and random factors). One-, two- and three-way analysis of variance (independent randomized groups design.) Planned and unplanned comparisons and tests of trend. Repeated measures and partial repeated measures (split plot) analysis of variance. Test Selection.

Pre-Requisites: Completion of SM202 **Statistical Methods for Social Research** or a comparable course which covers descriptive statistics; elementary probability; sampling, statistical inference, estimation and hypothesis testing, simple regression and correlation and elementary non-parametric techniques.

Teaching Arrangements: Sessional, weekly lecture and class. Lectures: Ps108(iii) 10 Michaelmas Term, 9 Lent Term, 5 Summer Term. Classes: Ps108 (iii) (a) 10 Michaelmas Term, 9 Lent Term, 5 Summer Term.

Exercises related to the lecture content are carried out in the weekly class.

Written Work: In addition to the class exercises, weekly exercises are assigned and the marks obtained contribute to the final overall assessment. The exercises are marked by the teaching assistant and may be discussed with Dr. J. E. Stockdale.

Reading List: No one book covers the entire course. Students are advised to buy: S. Siegel, *Non-parametric Statistics for the Behavioural Sciences*, McGraw Hill, 1956; and one of the following: H. M. Blalock, *Social Statistics*, McGraw Hill, 1960; G. Glass, & J. Stanley, *Statistical Methods in Education and Psychology*, Prentice Hall, 1970; G. A. Ferguson, *Statistical Analysis in Psychology and Education*, McGraw Hill, 1981 (5th edn.) Books which students may wish to consult include:

G. Keppel, *Design and Analysis: A researchers' handbook*, Prentice Hall, 1973; W. L. Hays, *Statistics*, Holt, Rinehart & Winston, 1969.

Examination Arrangements: There is a two hour examination in the Summer Term containing five questions. Students are required to answer questions I(i) or I(ii) and two others. 40% of the marks are allocated to Q.1 and 30% to each of the other two questions. Copies of previous years' papers are available. 70% of the assessment of the statistics course is based on the exam paper and 30% on the set of exercises submitted during the session.

Note: The relative weightings across all components of the course are as follows:

- (i) Methods of Psychological Research: Examination 25%
- (ii) Laboratory work 25%
- (iii) Psychological Statistics: Examination 35%
- (iv) Statistics Exercises 15%

Ps5421

Personality and Social Behaviour
Teachers Responsible: Professor R. M. Farr, Room S303; Dr. A. P. Sealy, Room S387 (Secretary, Miss M. Rennie, S304)

Course Intended Primarily for B.Sc. Social Psychology 2nd year and Diploma Course students. It is also available as an option for second or third year course unit students and B.Sc. (Econ.) Part II students, including inter-collegiate students where Regulations permit.

Scope: The aim of the course is to continue the type of work contained in the Introductory Psychology course units emphasizing the part played by personality, attitudes, groups and communication in determining human social behaviour.

Syllabus: The syllabus is divided into two parts. A. *Personality* (Dr. A. P. Sealy).

(a) The problems arising out of the

comparison of clinical and statistical approaches to judgements of personality, whether in the context of personal selection or in the context of psychotherapy. (b) The history and procedures of identifying and classifying psychological characteristics. (c) The analysis of individual differences in perceptual and cognitive processes, with special regard to the usefulness of such distinctions in the study and treatment of pathological conditions. (d) Stress and its consequences: an analysis of the physiological, affective and cognitive aspects of people's mode of coping with threatening and painful situations. (e) Sense of self and the processes leading to coping styles and creativity. (f) A study of the empirical evidence for psychoanalytic theories. (g) A comparative study of the contributions of the major thinkers in the subject of human personality. (h) The classification of the major psychopathological states; an introduction to theories of aetiology and to studies of the effectiveness of various treatment systems.

B. *Social Behaviour* (Professor R. M. Farr) Different approaches to the study of (i) social interaction and (ii) the dynamics of small groups will be outlined. Expressive behaviour (i.e. mainly non-verbal aspects of behaviour) will be studied, both as a topic of interest in its own right and in relation to the impressions forming in the minds of others who observe it. The course will include a critical evaluation of Ichheiser's outline for a sociology of inter-personal relations; of Heider's introduction to the psychology of such relations and of Goffman's work on the presentation of self in everyday life. Laboratory studies of the dynamics of conforming and obeying will be examined in some detail. This will include research on the social psychology of the psychological experiment. Theories of social identity, minority influence and inter-group relations will be evaluated in the light of the experimental evidence.

Pre-Requisites: There are no prerequisites for Diploma students. Undergraduates normally require a pass in the course unit **Introduction to Individual and Social Psychology** and students other than B.Sc. (Social Psychology) students are subject to the constraint of numbers.

Teaching Arrangements: (Ps106) 15 weekly lectures beginning in the Michaelmas Term devoted to Part A and 15 weekly lectures beginning in the *second* half of the Michaelmas Term devoted to Part B. Classes are held weekly throughout the Session. Every student will be expected to present one paper in class and submit at least two essays to

either teacher.

Reading List: No one book covers the entire syllabus. Students are advised to read the following.

Section A: S. Maddi, *Personality Theories*, Dorsey, 1968, subsequent editions: 1972 & 1980; C. Hall, & G. Lindzey, *Theories of Personality*, Wiley, 1957, subsequent editions: 1974 & 1981; S. Freud, *New Introductory Lectures on Psychoanalysis*, Penguin, 1974; R. Lazarus, *Psychological Stress and the Coping Process*, Wiley, 1972; T. Cox, *Stress*, Macmillan, London, 1978; N. Haan, *Coping & Defending*, Academic Press, New York, 1977; P. Kline, *Fact and Fantasy in Freudian Theory*, Methuen, 1972.

Section B: B. Ichheiser, 'Misunderstandings in Human Relations: A Study in False Social Perspective' (*American Journal of Sociology*, Special Supplement, pps. 1-70, 1949); F. Heider, *The Psychology of Inter-Personal Relations*, Wiley, New York, 1958; E. Goffman, *The Presentation of Self in Everyday Life*, Penguin Books, London, 1969; S. Milgram, *Obedience to Authority*, Tavistock, London, 1974.

Examination Arrangements: Students are examined in the Summer Term by a three-hour formal examination. Six questions cover Section A of the syllabus and six questions cover Section B. Students are required to answer two questions from each section. In addition candidates *may* submit up to two essays to the examiners. The marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5422

Cognitive Psychology
Teacher Responsible: Dr. A. E. M. Seaborne, Room S385 (Secretary, Miss Catherine Woodgate, S316)

Course Intended Primarily for B.Sc. Soc. Psych. 2nd year, Diploma in Social Psychology, but is also open to other interested students.

Scope: The course is intended to build on cognitive aspects of first year courses and to provide basic coverage of work on learning, memory, thinking and perception.

Syllabus: The course will cover some aspects of learning, especially attention models, theories of social learning and cognitive and other models of behaviour modification. It

will also be concerned with perceptual processes including perceptual learning, organisation and retrieval from long-term memory and semantic memory models and with conceptual processes such as problem solving, creativity, imagery and basic psycholinguistics.

Pre-Requisites: LSE undergraduates on degree courses are normally required to have taken the course 'Introduction to Individual and Social Psychology', other students are expected to have had equivalent courses in introductory psychology.

Teaching Arrangements: Weekly lectures (Ps109) and classes: Sessional.

Written Work: Classes are based on short papers presented usually by two members of each class. Students will generally present short papers twice per term. In addition, each student is asked to write one essay per term.

Reading List: The first three books in the list will be referred to more than the others. A. D. Baddeley, *The Psychology of Memory*, Harper International, 1976; S. H. Hulse, H. Egeth & J. Deese, *The Psychology of Learning*, McGraw Hill, 1980; P. N. Johnson-Laird & P. C. Wason (Eds.), *Thinking*, Cambridge University Press, 1977; N. Dixon, *Preconscious Processing*, Wiley, 1981; E. J. Gibson, *Principles of Perceptual Learning and Development*, Appleton Century Crofts, 1967; U. Neisser, *Cognition and Reality*, W.H. Freeman & Co, 1976; K. Oatley, *Perceptions and Representations*, Methuen, 1978; M. Piattelli-Palmarini, *Language and Learning*, Routledge & Kegan Paul, 1980.

Examination Arrangements: There is a 3-hour examination in the Summer Term at which students are usually asked to answer four questions. In addition candidates *may* submit up to two essays to the examiners. The marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5501

Advanced Study of Psychological Processes
Teacher Responsible: Dr. G. Gaskell, Room S307 (Secretary, Miss Catherine Woodgate, S316)

Course Intended Primarily for B.Sc. c.u. main field Soc. Psych. 3rd year, Dip. Soc. Psych. **Scope:** Five areas of psychology are considered in detail, these being epistemology, attitude theory, social attributions, judgement and decision making, group processes and

collective behaviour.

Syllabus: The history and nature of empiricism in psychology and the impact of the dialectical school. Aspects of information processing, decision making, person perception, attribution theory, attitude change and social representations, the behaviour of individuals in groups, crowds and riots.

Pre-Requisites: Ps106 Personality and Social Behaviour.

Teaching Arrangements: A sessional lecture course (Ps115). The following lecturers are involved. Dr. G. Gaskell, Mr. R. Holmes, Professor R. Farr, Mr. S. Wooler.

Written Work: There are no requirements for written work, students are encouraged to write papers throughout the course which can be discussed with the lecturers.

Reading List: Reading lists will be distributed throughout the course.

J. R. Eiser, *Cognitive Social Psychology*, McGraw Hill, 1980; J. Perry & M. D. Pugh, *Collective Behaviour*, West. Pub. Co., 1978; R. Holmes, *Legitimacy and the Politics of the Knowable*, Routledge & Kegan Paul, 1976; T. S. Wallsten (Ed.), *Cognitive Processes in Choice & Decision Behaviour*, Lawrence Erlbaum Associates, 1980; M. Hewstone (Ed.), *Attribution Theory: Social and Functional Extensions*, Blackwell, Oxford, 1983.

Examination Arrangements: There is a 3-hour examination in the Summer Term based on the syllabus. Students are required to answer 4 questions. In addition candidates may submit up to two essays to the examiners. The marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5502

Social Change and Social Organisations

Teacher Responsible: Dr. A. N. Oppenheim, Room S366 (Secretary, Mrs. P. Christopher, S316)

Course Intended Primarily for B.Sc. Social Psychology third year, Diploma in Social Psychology. Students from other departments, provided they have fulfilled certain pre-requisites.

Scope: The course examines the process of adaptation and change at individual, organizational and societal level.

Syllabus: The course divides into four sections each taught by a different member of staff.

Social Change, Hilde Himmelweit. Theories of social change, cross-cultural perspectives, adoption of innovations, implementation of social change programmes.

Role, Self and Society, Roger Holmes.

Comparison of animal and human societies with concern for the implications for the self. Comparative examination of Mead's, Erickson's and Freud's theories about the self. Situationism and the irrelevance of self.

The Personal and Social Dynamics of Innovation and Change, R. M. Farr. Classic studies of the formation of norms and of the experience of finding oneself in a minority of one when making simple perceptual judgements will be reviewed for the light they shed on social processes. Contemporary research on minority influence and on inter-group relations will be examined. The relationships between the individual and the collectivity of other individuals at a community level will be explored in some detail and with reference to social change.

The Study of Organisations, A. N. Oppenheim. Workings and evaluation of institutions and organisations: (a) plants and factories producing a visible product, with evaluation in money terms, and (b) bureaucracies, services, and decision-making organisations, where evaluation is not primarily in money terms.

Pre-Requisites: A minimum of two successfully completed psychology courses.

Teaching Arrangements: A sessional two-hour weekly lecture/seminar (Ps116). About five weekly sessions are devoted to each section.

Written Work: Students contributions at the seminar are invited and they are encouraged to write essays.

Reading List: Reading lists will be provided at the beginning of the Session. R. M. Farr & S. Moscovici (Eds.), *Social Representations*, Cambridge University Press, 1984; is useful for Professor Farr's section of the course.

Examination Arrangements: A three hour examination takes place in the Summer Term. The paper is divided into four sections corresponding to the four topic areas. Four questions to be answered, no more than two from any one section. In addition candidates may submit up to two essays to the examiners. The marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5510

Applications of Social Psychology

Teacher Responsible: Dr. A. N. Oppenheim, Room S366 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for B.Sc. Social Psychology third year and Diploma in Social Psychology students.

Scope: Applications of Social Psychology to social issues and problems.

Syllabus: The examination of the application of Social Psychology to such areas as education, deviance, social medicine, social psychiatry, political socialisation, political behaviour, and programme evaluation. The particular areas to be examined will depend on staff and student interest.

Pre-Requisites: Knowledge of basic social psychology theories and research methods to third year level will be assumed.

Teaching Arrangements: The course is taught by means of regular weekly seminars (Ps159) taking place in the Michaelmas and Lent Terms, and part of the Summer Term. There may also be some visiting speakers.

Students are expected to take a major part in the seminar by reading papers and contributing to the discussion. The seminar topics will follow a detailed reading list which will be handed out at the beginning of the Session.

Written Work: Depending on the number of students taking part in the course, each student will be expected to give at least one seminar paper; sometimes, a topic is covered by two students.

B.Sc. and Diploma students may submit essays if they wish, and these will be assessed and discussed by the relevant teacher.

Since the course deals with applications of social psychology to a variety of substantive fields, students should be prepared to read in depth in each of these fields. They should also become thoroughly familiar with problems of research design and research techniques.

Reading List: No one book covers the entire syllabus, and the course plan and contents of the sections change from year to year, in accordance with student and staff interest.

Once the course plan has been agreed, reading lists will be handed out for each section, with additional recommendations for students preparing seminar papers.

Students should be familiar with:

P. H. Rossi, H. E. Freeman & R. Wright, *Evaluation: A Systematic Approach*, Sage, 1979.

Examination Arrangements: B.Sc. and

Diploma: There is a two-hour written examination in the Summer Term. Students are required to answer three out of a choice of ten questions. In addition candidates may submit up to two essays to the examiners. The marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5511

Child Development

Teacher Responsible: Dr. J. McShane, Room S367 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for B.Sc. Social Psychology third year and Diploma in Social Psychology.

Scope: The course has two main aims: (a) to examine in depth models of developmental change in the areas of cognitive, linguistic, and social development during infancy and early childhood, and (b) to assess empirical research in terms of its contribution to such models.

Syllabus: Cognitive development: Piagetian and neo-Piagetian theories; topics include object permanence, number development, quantity conservation, and memory development. Linguistic development: formal and functional approaches to language development, lexical and grammatical development. Social development: attachment and deprivation, egocentrism, social cognition.

Pre-Requisites: A background in general psychology and introductory courses in developmental and cognitive psychology.

Teaching Arrangements: Weekly lectures and discussions (Ps118). The lecture lasts for approximately one hour and the remaining half hour is devoted to discussion.

Reading List: M. Atkinson, *Explanations in the Study of Child Language Development*, Cambridge University Press, 1982; M. Boden, *Piaget*, Fontana, 1979; C. J. Brainerd, *Piaget's Theory of Intelligence*, Prentice-Hall, 1978; J. Flavell, *Cognitive Development*, Prentice-Hall, 1977; J. Flavell & L. Ross, *Social Cognitive Development*, Cambridge University Press, 1981; R. Kail, *The Development of Memory in Children*, Freeman, 1979.

Examination Arrangements: B.Sc. and Diploma: There is a two-hour written examination in the Summer Term. Students are required to answer three out of a choice of ten questions. In addition candidates may submit up to two essays to the examiners. The

marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5512

Personality and Motivation

Teacher Responsible: Dr. A. P. Sealy, Room S387 (Secretary, Miss M. Rennie, S304)

Course Intended Primarily for B.Sc. Soc. Psych. third year, Dip. Soc. Psych. Other third year students in B.Sc. (Econ.), B.Sc. Sociology, B.Sc. Anthropology, B.Sc. Maths. may attend the course at their tutor's discretion provided they have the basic prerequisites.

Scope: The application of general theories of psychology and social psychology to psychopathology and personal change.

Syllabus: The course (Ps119) is divided into six main sections:

- (a) The definition of deviance and the characterization of pathology as suggested by studies of classifying juvenile offenders and research into diagnosis of psychological disorders;
- (b) The analysis of the treatment of young offenders with special reference to the applications of behaviour theory, social learning theory, ego-psychology and group dynamics. These cases will be studied in the light of the methods of evaluation used to define their effectiveness;
- (c) Schizophrenia: the psychological theories related to its nature and origins: biological theories, arousal and attention, theories of thought disorder, the language of schizophrenic and social and interpersonal aspects. These features of schizophrenia will be studied within a context of diagnostic and epidemiological problems;
- (d) Aspects of psychopathy and depression, particularly as they relate to behavioural, cognitive and arousal theories;
- (e) Change and transition: an analysis of treatment of psychopathological states, with special reference to cognitive aspects of behaviour therapy, therapies derived from personal construct theories and treatments based on interpersonal and social organizational processes.
- (f) The development and change of personality with regard to non-pathological states, particularly the role of sense of self in personal adjustment and social and political involvement.

Pre-Requisites: At least three courses in psychology.

Reading List: B. Maher, *Principles of Psychopathology*, McGraw-Hill, New York, 1966; H. J. Eysenck (Ed.), *Handbook of Abnormal Psychology*, Basic Books, 1961, Revised edition 1978; B. Maher (Ed.), *Progress in Experimental Personality Research*, Vols. I to IX, Academic Press, New York, 1964 onwards.

Examination Arrangements: B.Sc. and Diploma: There is a two-hour written examination in the Summer Term. Students are required to answer three out of a choice of ten questions. In addition candidates may submit up to two essays to the examiners. The marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5513

Groups and Interpersonal Behaviour

(Not offered in 1984-85)

Teacher Responsible: Mr. A. D. Jones, Room S311 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for B.Sc. Soc. Psych. third year, Dip. Soc. Psych. The course is also available, with prerequisites (see below), for students who are registered for subjects other than Social Psychology.

Scope: The aim of the course is to explore the psychological aspects of relationships between people in normal settings.

Syllabus: The syllabus is in two parts; the contribution of individualistic psychology and of experiential psychology.

Topics within individualistic psychology are selected as exemplars from social facilitation, conformity, leadership, social perception, exchange theory, attribution theory, interpersonal attraction and others.

Topics within experiential psychology are selected from a number of dyads; doctor-patient, social worker-client, therapist-patient, guard-prisoner, teacher-pupil, interviewer-interviewee, family dyads' and others where there is a suitable literature. Students with work experience and expertise may introduce a new topic.

Pre-Requisites: None for those registered for B.Sc. Social Psychology. Other students require the consent of their tutors and of the teacher concerned, would normally have a qualification in psychology and are subject to

the constraint of numbers.

Teaching Arrangements: The course meets for a weekly seminar (Ps157) lasting one and a half hours to discuss a paper previously made available to each student. It is usual for each student to prepare at least one of these papers. The teacher concerned and, occasionally, an invited speaker present papers. Additional meetings are held informally to assist in the preparation of material. Copies of the papers presented in the seminar and other material is made available in the Psychology Department to supplement the library services. Exceptionally a visit is made to an organization such as a hospital, school or prison if this is likely to be helpful to the progress of the course.

Reading List: No one book covers the entire syllabus. Students are advised to consult: W. G. Bennis & others, *Interpersonal Dynamics* and C. H. Swensen, *Interpersonal Relations* and other books and journal articles which are cited on each year's reading list. The previous year's list is available from the Psychology Department; the current year's is available when the interests of the students are clear, usually by the third week of the Michaelmas Term.

Examination Arrangements: The examination for B.Sc. students carries the weight of half a course unit and consists of a two-hour formal examination in the Summer Term.

In addition candidates may submit up to two essays to the examiners. The marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5514

Communication and Attitude Change

Teacher Responsible: Professor Hilde Himmelweit, Room S303 (Secretary Mrs. P. Christopher, S316)

Course Intended Primarily for B.Sc. Social Psychology third year, Diploma in Social Psychology students, students from other departments provided they have fulfilled certain pre-requisites.

Scope: Role, function and effects of the mass media, their organization and interdependence with other institutions in society. Implications of new technologies, processes of social influence and social change. Examination of media campaigns and communication effects

studies.

Syllabus: The seminar examines mass communication theories, the organization and role of the mass media with special reference to broadcasting and studies of its influence. Mass media as socializing agents and as vehicles for change will be examined with reference to developing as well as developed countries, drawing on studies of persuasion, theories of social influence, attitude organization and social change. Special reference will be made to the role of mass media in education and politics and to that of media campaigns.

Five contexts will be explored:

1. Content analysis, including structural analysis of broadcast material using both news and fictional programmes.
2. Research techniques used to examine the influence of the media.
3. Individuals' cognitive maps, scripts and social representations.
4. The external social and political context, tracing the life history of issues and the nature of popular ideology.
5. In the course of the seminar, students will be able to choose a particular aspect within these contexts for detailed study.

Pre-Requisites: Students without a first degree in psychology should have completed at least two courses in psychology.

Teaching Arrangements: A sessional weekly seminar course (Ps150) to be taught by Professor Himmelweit and Dr. Humphreys. In addition, four lectures (Ps120) will be given by Professor Himmelweit on *The Role of the Mass Media*. These are open to undergraduates and graduates from other departments.

Written Work: Students present papers or results of assignments in the seminar and are encouraged to write essays on topics agreed with the teachers.

Reading List: G. Comstock *et al.*, *Television & Human Behaviour*, Columbia University Press, 1978; J. Curran (Ed.), *Mass Communication & Society*, Open University Press, 1977; D. McQuail, *Mass Communication Theory: An Introduction*, Sage, 1983; J. Hartley, *Understanding News*, Methuen, 1982.

Additional reading lists will be given out at the beginning of the Session.

Examination Arrangements: B.Sc. and Diploma: There is a two-hour written examination in the Summer Term. Students are required to answer three out of a choice of ten questions. In addition candidates may submit up to two essays to the examiners. The marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5516

Social Psychology of Conflict

Teacher Responsible: Dr. A. N.

Oppenheim, Room S366 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for B.Sc. Social Psychology third year and Diploma in Social Psychology students.

Scope: Applications of social psychology to the problems of communal, industrial and international conflict, peace research and conflict resolution.

Pre-Requisites: Knowledge of basic social psychology theories and research methods to third year level will be assumed.

Teaching Arrangements: The course is taught by means of regular weekly seminars (Ps156) in the Michaelmas and Lent Terms and part of the Summer Term. There may also be some visiting speakers. Students are expected to take a major part in the seminar by reading papers and contributing to the discussion. The seminar topics will follow a detailed reading list which will be handed out at the beginning of the Session.

Written Work: Depending on the number of students taking part in the course, each student will be expected to give at least one seminar paper; sometimes a topic is covered by two students.

Students should be prepared for reading in depth, since the course requires rapid familiarisation with aspects of related disciplines such as International Relations, Industrial Relations and Organisation Theory.

Reading List: A full reading list will be made available at the start of the course.

Examination Arrangements: B.Sc. and Diploma: There is a two-hour written examination in the Summer Term. Students are required to answer three out of a choice of ten questions. In addition candidates may submit up to two essays to the examiners. The marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5517

Decision Making and Decision Analysis

Teacher Responsible: Dr. Patrick

Humphreys, Room S367 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for B.Sc. Social Psychology third year.

Scope: Personal and social decision making; analysing and aiding decision processes; resolution of conflicting objectives.

Syllabus: This course examines issues in personal and social decision making, looking at how we can describe the cognitive processes involved in forming judgements, planning actions and evaluating their consequences; how people approach decision problems, and cope with the stresses involved; what happens in societal decision making when people have conflicting objectives; how risk is experienced and analysed. Techniques for aiding decision making are explored, and ways in which 'decision support systems' are used in organizations are investigated.

Pre-Requisites: Some background knowledge is desirable in one or more of the fields of cognitive psychology, operations research, systems analysis or management. Only an elementary level of mathematical ability is assumed, together with some capacity for logical analysis of subjective phenomena.

Teaching Arrangements: A Sessional weekly seminar course (Ps164). The seminars will be led by Dr. Humphreys with the participation of other members of the School's Decision Analysis Unit in those seminars which cover topics from the syllabus with which they are principally concerned in their work. Interactive computer-based techniques for modelling and aiding decision making will be introduced through the seminar, and participants will have the opportunity to explore these techniques further outside the seminar.

Written Work: Students present papers in the seminar and are encouraged to write essays and prepare reports.

Reading List: This field is one which is developing rapidly, and there is no overall textbook which adequately covers current issues across the whole syllabus. Recent books which provide partial coverage are: R. W. Scholz (Ed.), *Decision Making Under Uncertainty*, North Holland, Amsterdam, 1983; P. C. Humphreys, O. Svenson, & A. Vari (Eds.), *Analysing and Aiding Decision Processes*, North Holland, Amsterdam, 1983; I. L. Janis & L. Mann, *Decision Making*, Free Press, New York, 1977; T. S. Wallsten,

Cognitive Processes in Choice and Decision Making, Lawrence Erlbaum Associates, Hillsdale, N.J., 1980.

Detailed reading lists, including reviews published in journals, and some key references for the individual topics covered will be given out during the seminars.

Examination Arrangements: A two-hour examination in the Summer Term with students answering three questions from a choice of questions. In addition, candidates may submit two essays to the examiners. The marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5518

Psychological Aspects of Legal Processes

Teacher Responsible: Dr. A. P. Sealy,

Room S387 (Secretary, Miss M.

Rennie, S304)

Course Intended Primarily for B.Sc. Soc. Psych. third year.

Scope: The application of psychological principles to legal processes; the analysis of some of the assumptions underlying court proceedings; the psychological approach to assessing the validity of eye-witness testimony, identification and other forms of evidence; the use of psychological factors in special court decisions, such as custody of children and arrangement of domestic disputes; use of psychological techniques in forensic decisions, especially with regard to the prediction of parole success and the diagnosis of dangerousness.

Syllabus: The course will have four parts, one concerned with courts and their decision mechanisms; this will range from a study of juries through to an analysis of sentencing. The second part of the course will be concerned with the validity and reliability of evidence in court, with some reference to these issues in other tribunals.

The third part of the course will concern itself with individuals and their behaviour within the system of criminal and civil justice: the identification and analysis of personal bias; the training of participants in the system; the concepts people have of the criminal justice system.

The fourth part will concern itself with special judicial decisions, particularly those concerning children and their custody, dangerous offenders and their treatment and

psychopathological offenders and their disposal.

This course is *not* a course in law; its interest is to inquire into some of the psychological assumptions inherent in the forensic processes.

Pre-Requisites: At least two main courses in psychology, including **Introductory Psychology**.

Teaching Arrangements: 24 lectures and seminars (Ps165).

Reading List: Kalven & Zeisel, *The American Jury*; R. F. Simon, *The Jury and the Rules of Insanity*, Brown, 1968; V. J. Konecni & E. B. Ebbesen, *The Criminal Justice System: a Social Psychological Analysis*, Freeman, 1982; S. Lloyd Bostock & B. R. Clifford, *Evaluating Witness Evidence*, Wiley, 1982; J. Gunn & D. Farrington, *Abnormal Offenders, Delinquency and the Criminal Justice System*, Wiley, 1982.

Examination Arrangements: For all students a two hour written paper; in addition candidates may submit up to two essays to the examiners. The marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5520

Collective Psychologies and Sociological Forms of Social Psychology

Teacher Responsible: Professor R. M. Farr, Room S303 (Secretary, Miss M. Rennie, S304)

Course Intended Primarily for B.Sc. Soc. Psych. third year. Other third year students in the B.Sc. Anthropology, Sociology and Philosophy may attend the course at their tutor's discretion.

Scope: The aim of the course is to reconstruct, both logically and historically, some of the early forms of collective psychology and to assess their relevance in the context of modern research in the social sciences. The focus of interest is on the relation between psychology and other social sciences.

Syllabus: Wundt's *Völkerpsychologie* (1900-20) will be considered in relation both to his experimental science and to the development of social sciences other than psychology. In particular his influence on G. H. Mead will be noted. The impact of Le Bon's psychology of crowds on the study of mass phenomena will be traced e.g. his influence on the *Massenpsychologie* of Freud. A special study will be made of the social philosophy of G. H. Mead. An attempt will be made critically

to appraise McDougall's contribution to social psychology and also to evaluate the symbolic interactionist tradition of social psychology. Contemporary French research on social representations will be examined in the light of Durkheim's distinction between collective and individual representations. The relevance of the work to the study of scripts, plans and scenarios in modern cognitive science will be explored. Goffman's work will be looked at in the light of Ichheiser's suggestion that it is useful to separate the study of expressive behaviour from the study of impression formation.

Pre-Requisites: Some prior knowledge of a social science or of social Philosophy.

Reading List: G. H. Mead, *Mind, Self and Society: From the Standpoint of a Social Behaviourist*, University of Chicago Press, Chicago, 1934; R. M. Farr & S. Moscovici (Eds.), *Social Representations*, Cambridge University Press, Cambridge, 1984; A. Nye, *The Origins of Crowd Psychology: Gustav Le Bon and the Crisis of Mass Democracy in the Third Republic*, Sage, London, 1975; Articles by Jaspars, Danziger, Markova, Jahoda & Farr in R. M. Farr (Guest Ed.), 'History of Social Psychology' (*British Journal of Social Psychology*, Vol. 22, No. 4, November 1983 - Special Issue); C. R. Badcock, *The Psychoanalysis of Culture*, Blackwell, Oxford, 1980; P. Rock, *The Making of Symbolic Interactionism*, Macmillan, London, 1979; H. Blumer, *Symbolic Interactionism: Perspective and Method*, Englewood Cliffs, N.J. & Prentice Hall, 1969; G. Ichheiser, *Misunderstandings in Human Relations: A Study in False Social Perception*, American Journal of Sociology Monograph.

More detailed reading lists which include many journal articles are available from the Administrative Secretary (Morag Rennie).

Teaching Arrangements: The course is taught by means of weekly seminars in the Michaelmas and Lent Terms (Ps166).

Written Work: Students present papers in the seminar and are encouraged to write essays on topics agreed with the teacher.

Examination Arrangements: There is a two-hour written examination in the Summer Term. Students are required to answer three out of a choice of ten questions. In addition candidates may submit up to two essays to the examiners. The marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Child Development and Socialisation

Teacher Responsible: Dr. J. McShane, Room S384 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for M.Sc. Social Psychology. M.Sc. students from other departments may be admitted subject to appropriate pre-requisites.

Scope: The course has two main aims: (a) to examine in depth models of developmental change in the areas of cognitive, linguistic, and social development during infancy and early childhood, and (b) to assess empirical research in terms of its contribution to such models.

Syllabus: Cognitive development: Piagetian and neo-Piagetian theories; topics include object permanence, number development, quantity conservation, and memory development.

Linguistic development: formal and functional approaches to language development, lexical and grammatical development.

Social development: attachment and deprivation, egocentrism, social cognition.

Pre-Requisites: A background in general psychology and introductory courses in developmental and cognitive psychology.

Teaching Arrangements: Weekly lectures and discussions (Ps118). The lecture lasts for approximately one hour and the remaining half-hour is devoted to discussion.

Reading List: M. Atkinson, *Explanations in the Study of Child Language Development*, Cambridge University Press, 1982; M. Bodin, *Piaget*, Fontana, 1979; C. J. Brainerd, *Piaget's Theory of Intelligence*, Prentice-Hall, 1978; J. Flavell, *Cognitive Development*, Prentice-Hall, 1977; J. Flavell & L. Ross, *Social Cognitive Development*, Cambridge University Press, 1981; R. Kail, *The Development of Memory in Children*, Freeman, 1979.

Examination Arrangements: There is a three-hour written examination in the Summer Term. Students are required to answer three out of a choice of ten questions. Written work done during the Session forms part of the overall assessment for the course.

Ps6400

The Social Psychology of Organisations

Teacher Responsible: Mr. R. Holmes, Room S313 (Secretary, Mrs. P. Christopher, S316)

Course Intended Primarily for those taking the M.Sc. in Social Psychology; students taking other M.Sc. courses who can take an outside paper are also welcome.

Scope: The full title of the course is 'The Social Psychology of Organisations and the Derivation of the Social Formal'; the course is primarily concerned to give the psychological underpinning of 'organisational' phenomena - cf. of the formal role, the nature of power, etc. This approach is based on elementary psychological considerations which can be described as Freud modified by Piaget.

Syllabus: The psychology of communication; groups (including formal and informal groups); leadership (including the conditions under which leadership is considered legitimate); the nature of power; the nature of systems; the nature of work and incentives. The psychological development of the individual - in so far as it affects formative attitudes to such concepts as power and legitimacy, work and communication, etc.

Pre-Requisites: No previous knowledge of psychology is wholly necessary, but on the whole it will be assumed that the students are familiar with a certain amount of basic psychology.

Teaching Arrangements: A Sessional weekly seminar (Ps153).

Written Work: Written essays will be required during the year.

Reading List: The best idea of the approach taken is that of the teacher's: Roger Holmes, *Legitimacy & the Politics of the Knowable* (Routledge & Kegan Paul, 1976).

Reading lists on various topics will be handed out and discussed during the course.

Examination Arrangements: One three hour paper to be sat in June. Further written work will be taken into account.

Ps6403

Scope: Applications of social psychology to the problems of communal, industrial and international conflict, peace research and conflict resolution.

Pre-Requisites: Knowledge of basic social psychology theories and research methods to third year level will be assumed.

Teaching Arrangements: The course is taught by means of regular weekly seminars (Ps156) in the Michaelmas and Lent Terms and part of the Summer Term. There may also be some visiting speakers. Students are expected to take a major part in the seminar by reading papers and contributing to the discussion. The seminar topics will follow a detailed reading list which will be handed out at the beginning of the Session.

Written Work: Depending on the number of students taking part in the course, each student will be expected to give at least one seminar paper; sometimes a topic is covered by two students.

M.Sc. students are required to write two substantial essays for submission at the final examination; they should consult with the seminar teacher before choosing their essay topics, and encouraged to hand in draft essays for comments and discussion well before the deadlines.

Students should be prepared for reading in depth, since the course requires rapid familiarisation with aspects of related disciplines such as International Relations, Industrial Relations and Organisation Theory.

Reading List: A full reading list will be made available at the start of the course.

Examination Arrangements: There will be a three-hour formal examination paper in the Summer Term. The questions will be set in accordance with the topics actually covered in the seminars. Students are expected to answer three out of a choice of questions offered. Copies of previous years' papers are available in the departmental library.

Ps6405

The Psychological Study of Social Issues

Teacher Responsible: Dr. A. N. Oppenheim, Room S366 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for M.Sc. Social Psychology and M.Phil. students in Social Psychology.

Scope: Applications of Social Psychology to social issues and problems.

Syllabus: The examination of the application

Social Psychology of Conflict

Teacher Responsible: Dr. A. N. Oppenheim, Room S366 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for M.Sc. Social Psychology and M.Phil. students in Social Psychology.

of Social Psychology to such areas as education, deviance, social medicine, social psychiatry, political socialisation, political behaviour, and programme evaluation. The particular areas to be examined will depend on staff and student interest.

Pre-Requisites: Knowledge of basic social psychology theories and research methods to third year level will be assumed.

Teaching Arrangements: The course is taught by means of regular weekly seminars (Ps159) taking place in the Michaelmas and Lent Terms, and part of the Summer Term. There may also be some visiting speakers. Students are expected to take a major part in the seminar by reading papers and contributing to the discussion. The seminar topics will follow a detailed reading list which will be handed out at the beginning of the Session.

Written Work: Depending on the number of students taking part in the course, each student will be expected to give at least one seminar paper; sometimes, a topic is covered by two students. M.Sc. students are required to write two substantial essays for submission at the final examination; they should consult with the relevant seminar teacher before choosing their essay topics, and are encouraged to hand in draft essays for comments and discussion well before the deadlines.

Since the course deals with applications of social psychology to a variety of substantive fields, students should be prepared to read in depth in each of these fields. They should also become thoroughly familiar with problems of research design and research techniques.

Reading List: No one book covers the entire syllabus, and the course plan and contents of the sections change from year to year, in accordance with student and staff interest. Once the course plan has been agreed, reading lists will be handed out for each section, with additional recommendations for students preparing seminar papers.

Students should be familiar with: P. H. Rossi, H. E. Freeman and R. Wright, *Evaluation: A Systematic Approach*, Sage, 1979.

Examination Arrangements: There will be a three-hour formal examination paper in the Summer Term. The questions will be set in accordance with the topics actually covered in the seminars. Students are expected to answer three out of 10 questions. Copies of previous years' papers are available in the departmental library.

Ps6407

Psychodynamic Models

Teacher Responsible: Dr. Patrick Humphreys, Room S367 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for M.Sc. Social Psychology students; students taking other M.Sc. courses who can take an outside paper are also welcome.

Scope: Psychodynamic models of the person and of personality dysfunction, issues in psychoanalytic theory and practice.

Syllabus: This seminar investigates personality, concentrating on psychodynamic models of the person in which unconscious processes play a central role. The unconscious will be examined in terms of the history of the concept; motivation and interpretation of dreams; relations with the structure of language and semantic memory; affect and desire.

In relation to personality organization and control, we will explore the significance of narcissism, depression and mechanisms of defence, and assess the status of 'ego psychology'. We shall discuss attempts to build psychodynamic models of personality dysfunction in paranoia and schizophrenia, look at psychoanalytic theory in practice and review ways in which the Freudian paradigm of 'unconscious motivation' has subsequently been modified.

Pre-Requisites: Students without a first degree in psychology should have completed at least two courses in psychology including one in personality or related topics.

Teaching Arrangements: A sessional weekly seminar (Ps154). The seminars will introduce and survey the range of topics outlined in the syllabus, and provide a forum for discussion of issues involved in their study.

Written Work: Students present papers in the seminar and write essays on topics agreed with either of the seminar leaders.

Reading List: There is no one book which serves as a text book for this course, or which covers the breadth of the syllabus. Books which are useful for general reference and discussions of terms are:

J. Laplanche & J. B. Pontalis, *The Language of Psychoanalysis*, Hogarth, 1973; †C. Rycroft, *Critical Dictionary of Psychoanalysis*, Penguin, 1972.

Books recommended for introductory reading which, as a set, illustrate the scope of the course are:

†H. Ellenberger, *History of the Unconscious*, Allen Lane, 1970; †S. Freud, *The Interpretation of Dreams*, Pelican Freud

Library, 1976; †K. Colby, *Artificial Paranoia*, Pergamon, 1975; †D. Winnicott, *Playing and Reality*, Pelican, 1974; †S. Turkle, *Psychoanalytic Politics*, Burnett, 1979. († indicates that the book is available in a paperback edition.)

A detailed reading list, keyed to major topics in the syllabus will be given out and reviewed at the beginning of the Session.

Examination Arrangements: A three hour examination in the Summer Term with students answering three questions from a choice of questions. Written work carried out during the session forms part of the assessment.

Ps6409

Interpersonal Behaviour Seminar

(Not offered in 1984-85)

Teacher Responsible: Mr. A. D. Jones, Room S311 (Secretary, Mrs Pat Christopher, S316)

Course Intended Primarily for M.Sc. and M.Phil. Social Psychology. The course is also available, with prerequisites (see below), for students who are registered for subjects other than Social Psychology.

Scope: The aim of the course is to explore the psychological aspects of relationships between people in normal settings.

Syllabus: The syllabus is in two parts; the contribution of individualistic psychology and of experiential psychology.

Topics with individualistic psychology are selected as exemplars from social facilitation, conformity, leadership, social perception, exchange theory, attribution theory, interpersonal attraction and others.

Topics within experiential psychology are selected from a number of dyads; doctor-patient, social worker-client, therapist-patient, guard-prisoner, teacher-pupil, interviewer-interviewee, family dyads' and others where there is a suitable literature. Students with work experience and expertise may introduce a new topic.

Pre-Requisites: None for those registered for M.Sc. or M.Phil. Social Psychology. Other students require the consent of their tutors and of the teacher concerned, would normally have a qualification in psychology and are subject to the constraint of numbers.

Teaching Arrangements: The course meets for a weekly seminar (Ps157) lasting one and a half hours to discuss a paper previously made

available to each student. It is usual for each student to prepare at least one of these presented papers. The teacher concerned and, occasionally, an invited speaker present papers. Additional meetings are held informally to assist in the preparation of material. Copies of the papers presented in the seminar and other material are made available in the Psychology Department to supplement the library services. Exceptionally a visit is made to an organization such as a hospital, school or prison if this is likely to be helpful to the progress of the course.

Reading List: No one book covers the entire syllabus. Students are advised to consult W. G. Bennis & others, *Interpersonal Dynamics*; and C. H. Swensen, *Interpersonal Relations*; and other books and journal articles which are cited on each year's reading list. The previous year's list is available from the Psychology Department; the current year's is available when the interests of the students are clear, usually by the third week of the Michaelmas Term.

Examination Arrangements: There is a three-hour written examination in the Summer Term. Students are required to answer three out of a choice of ten questions offered. Written work done during the session forms part of the overall assessment for the course.

Ps6410

Mass Media, Communication and Social Change

Teacher Responsible: Professor Hilde Himmelweit, Room S364 (Secretary, Mrs. P. Christopher S316)

Course Intended Primarily for M.Sc. Social Psychology and other M.Sc. students with appropriate pre-requisites.

Scope: Role, function and effects of the mass media, their organization and interdependence with other institutions in society. Implications of new technologies, processes of social influence and social change. Examination of media campaigns and communication effects studies.

Syllabus: The seminar examines mass communication theories, the organization and role of the mass media with special reference to broadcasting and studies of its influence. Mass media as socializing agents and as vehicles for change will be examined with reference to developing as well as developed countries, drawing on studies of persuasion,

theories of social influence, attitude organization and social change. Special reference will be made to the role of mass media in education and politics and to that of media campaigns.

Five contexts will be explored:

1. Content analysis, including structural analysis of broadcast material using both news and fictional programmes.
2. Research techniques used to examine the influence of the media.
3. Individuals' cognitive maps, scripts and social representations.
4. The external social and political context, tracing the life history of issues and the nature of popular ideology.
5. In the course of the seminar, students will be able to choose a particular aspect within these contexts for detailed study.

Pre-Requisites: Students without a first degree in psychology should have completed at least two courses in psychology.

Teaching Arrangements: A sessional weekly seminar (Ps150) to be taught by **Professor Himmelweit** and **Dr. Humphreys**. In addition four lectures will be given by **Professor Himmelweit** on **The Role of the Mass Media** (Ps120). These are open to undergraduates and graduates from other departments.

Written Work: Students present papers and assignments in the seminar and write essays on topics agreed with the teachers.

Reading List: G. Comstock *et al*, *Television and Human Behavior*, Columbia University Press, 1978; J. Curran (Ed.), *Mass Communication and Society*, Open University Press, 1977; D. McQuail, *Mass Communication Theory: An Introduction*, Sage, 1983; J. Hartley, *Understanding News*, Methuen, 1982. Additional reading lists will be given out at the beginning of the Session.

Examination Arrangements: A three-hour examination in the Summer Term with students answering three questions from a choice of questions. Written work carried out during the session forms part of the assessment.

Ps6411

Psychological Aspects of Legal Processes

Teacher Responsible: Dr. A. P. Sealy, Room S387 (Secretary, Miss M. Rennie, S304)

Course Intended Primarily for M.Sc. Soc. Psych., Graduate students in Law and Sociology and students in Social Administration, Diploma Soc. Psych., at the

discretion of the teacher.

Scope: The application of psychological principles to legal processes; the analysis of some of the assumptions underlying court proceedings; the psychological approach to assessing the validity of eye-witness testimony; identification and other forms of evidence; the use of psychological factors in special court decisions, such as custody of children and arrangement of domestic disputes; use of psychological techniques in forensic decisions, especially with regard to the prediction of parole success and the diagnosis of dangerousness.

Syllabus: The course will have four parts, one concerned with courts and their decision mechanisms; this will range from a study of juries through to an analysis of sentencing. The second part of the course will be concerned with the validity and reliability of evidence in court, with some reference to these issues in other tribunals. The third part of the course will concern itself with individuals and their behaviour within the system of criminal and civil justice: the identification and analysis of personal bias; the training of participants in the system; the concepts people have of the criminal justice system.

The fourth part will concern itself with special judicial decisions, particularly those concerning children and their custody, dangerous offenders and their treatment and psychopathological offenders and their disposal.

This course is *not* a course in law; its interest is to inquire into some of the psychological assumptions inherent in the forensic processes.

Pre-Requisites: None for graduate students in Psychology.

Teaching Arrangements: 24 lectures & seminars (Ps165), plus tutorials for graduate students.

Reading List: Kalven & Zeisel, *The American Jury*; R. F. Simon, *The Jury and the Rules of Insanity*, Brown, 1968; V. J. Konecni & E. B. Ebbesen, *The Criminal Justice System: a Social Psychological Analysis*, Freeman, 1982; S. Lloyd Bostock & B. R. Clifford, *Evaluating Witness Evidence*, Wiley, 1982; J. Gunn & D. Farrington, *Abnormal Offenders, Delinquency and the Criminal Justice System*, Wiley, 1982.

Examination Arrangements: This is a three-hour written examination in the Summer Term. Students are required to answer three out of a choice of ten questions offered. Written work done during the session forms part of the overall assessment of the course.

Ps6412

Decision Making and Decision Analysis

Teacher Responsible: Dr. Patrick Humphreys, Room S367 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for those taking the M.Sc. in Social Psychology; students taking other M.Sc. courses who can take an outside paper are also welcome.

Scope: Personal and social decision making; analysing and aiding decision processes; resolution of conflicting objectives.

Syllabus: This course examines issues in personal and social decision making, looking at how we can describe the cognitive processes involved in forming judgements, planning actions and evaluating their consequences; how people approach decision problems, and cope with the stresses involved; what happens in societal decision making when people have conflicting objectives; how risk is experienced and analysed. Techniques for aiding decision making are explored, and ways in which 'decision support systems' are used in organizations are investigated.

Pre-Requisites: Some background knowledge is desirable in one or more of the fields of cognitive psychology, operations research, systems analysis or management. Only an elementary level of mathematical ability is assumed, together with some capacity for logical analysis of subjective phenomena.

Teaching Arrangements: A sessional weekly seminar course (Ps164). The seminars will be led by **Dr. Humphreys** with the participation of other members of the School's Decision Analysis Unit in those seminars which cover topics from the syllabus with which they are principally concerned in their work. Interactive computer-based techniques for modelling and aiding decision making will be introduced through the seminar, and participants will have the opportunity to explore these techniques further outside the seminar.

Written Work: Students present papers in the seminar and are encouraged to write essays and prepare reports.

Reading List: This field is one which is developing rapidly, and there is no overall textbook which adequately covers current issues across the whole syllabus. Recent books which provide partial coverage are: R. W. Scholz (Ed.), *Decision Making Under Uncertainty*, North Holland, Amsterdam, 1983; P. C. Humphreys, O. Svenson & A. Vari (Eds.), *Analysing & Aiding Decision Processes*, North Holland, Amsterdam, 1983; I. L. Janis

& L. Mann, *Decision Making*, Free Press, New York, 1977; T. S. Wallsten, *Cognitive Processes in Choice and Decision Making*, Lawrence Erlbaum Associates, Hillsdale, N.J., 1980.

Detailed reading lists, including reviews published in journals and some key references for the individual topics covered will be given out during the seminars.

Examination Arrangements: A three hour examination in the Summer Term with students answering three questions from a choice of questions. Written work carried out during the session forms part of the assessment.

Ps6413

Collective Psychologies and Sociological Forms of Social Psychology

Teacher Responsible: Professor R. M. Farr, Room S303 (Secretary, Miss M. Rennie, S304)

Course Intended Primarily for M.Sc. Social Psychology. M.Sc. students in Sociology, Anthropology and Philosophy are also welcome.

Scope: The aim of the course is to reconstruct both logically and historically, some of the early forms of collective psychology and to assess their relevance in the context of modern research in the social sciences. The focus of interest is on the relation between psychology and other social sciences.

Syllabus: Wundt's *Völkerpsychologie* (1900-20) will be considered in relation both to his experimental science and to the development of social sciences other than psychology. In particular his influence on G. H. Mead will be noted. The impact of Le Bon's psychology of crowds on the study of mass phenomena will be traced e.g. his influence on the *Massenpsychologie* of Freud. A special study will be made of the social philosophy of G. H. Mead. An attempt will be made critically to appraise McDougall's contribution to social psychology and also to evaluate the symbolic interactionist tradition of social psychology. Contemporary French research on social representations will be examined in the light of Durkheim's distinction between collective and individual representations. The relevance of the work to the study of scripts, plans and scenarios in modern cognitive science will be explored. Goffman's work will be looked at in the light of Ichheiser's suggestion that it is useful to separate the

study of expressive behaviour from the study of impression formation.

Pre-Requisites: Some prior knowledge of a social science or of social philosophy.

Reading List: G. H. Mead, *Mind, Self and Society: From the Standpoint of a Social Behaviourist*, University of Chicago Press, Chicago, 1934; R. M. Farr & S. Moscovici (Eds.), *Social Representations*, Cambridge University Press, Cambridge, 1984; A. Nye, *The Origins of Crowd Psychology: Gustav Le Bon and the Crisis of Mass Democracy in the Third Republic*, Sage, London, 1975; Articles by Jaspars, Danziger, Markova & Jahoda & Farr in R. M. Farr (Guest Ed.), 'History of Social Psychology' (*British Journal of Social Psychology*, Vol. 22, No. 4, November 1983 — Special Issue); C. R. Badcock, *The Psychoanalysis of Culture*, Blackwell, Oxford, 1980; P. Rock, *The Making of Symbolic Interactionism*, Macmillan, London, 1979; H. Blumer, *Symbolic Interactionism: Perspective and Method*, Englewood Cliffs, N.J. & Prentice Hall, 1969; G. Ichheiser, *Misunderstandings in Human Relations: A Study in False Social Perception*, American Journal of Sociology Monograph.

More detailed reading lists which include many journal articles are available from the Administrative Secretary (Morag Rennie).

Teaching Arrangements: The course is taught by means of weekly seminars in the Michaelmas and Lent Terms (Ps166).

Written Work: Students present papers in the seminar and are encouraged to write essays on topics agreed with the teacher.

Examination Arrangements: There is a three-hour written examination in the Summer Term. Students are required to answer three out of a choice of ten questions. Written work done during the session forms part of the overall assessment of the course.

Ps6499

Social Psychological Methods of Research

(i) Survey Methodology and Experimental Design

(ii) Advanced Data Analysis

Teachers Responsible: Dr. A. N. Oppenheim, Room S366 (Secretary, Mrs. P. Christopher Room S316) with Dr. G. Gaskell, Room S307 and Dr. J. E. Stockdale, Room S386 (Secretary, Miss C. Woodgate, S316)

Course Intended Primarily for M.Sc. Social Psychology and M.Phil. students in Social Psychology.

Scope: The course has three main components:

(i) **research design and survey methodology, including attitude measurement**, (Dr. A. N. Oppenheim), (ii) **Advanced Data Analysis** (Dr. Stockdale and Dr. Gaskell), (iii) **Further Statistical Methods** (given by Professor D. J. Bartholomew of the Statistics Department).

Syllabus:

(a) **Research design and survey methodology:** values in social research; approaches to survey design; basic theory of measurement; attitude statement and attitude scaling; question design; interviewing; questionnaire design; projective techniques in social research; miscellaneous measurement techniques; problems of data processing, analysis and interpretation.

(b) **Advanced Data Analysis:** the application of statistical computer packages to multi-variate analysis.

(c) **Further Statistical Methods (SM268):** Non-parametric and parametric techniques including multivariate statistics. (Students should consult Study Guide SM268.)

M.Sc. students are expected to carry out an independent research enquiry, under the guidance of a member of staff, which should be handed in ten days after the June examinations.

Teaching Arrangements: The course is taught by means of 3 weekly seminars in the Michaelmas and Lent terms. Many of the seminars are in the form of workshops and practicals, where students are introduced to various research procedures, e.g. interviewing, attitude scaling. Students are expected to contribute to the discussions and occasionally to carry out practical work. Another part of the course deals with data processing, and gives practical experience of the use of computers and computing packages. The statistics course is given in the form of lectures, with weekly exercises. There are

special provisions for students requiring assistance in statistics.

Reading List: A. N. Oppenheim, 'Methods and Strategies of Survey Research' in *D.304 Block 4 Data Collection Procedures*, Open University Press, 1979; J. Bynner & K. M. Stribley (Eds.), *Social Research: Principles and Procedures*, in association with the Open University Press, 1979; H. M. Blalock, *Social Statistics*, McGraw-Hill, 1960; S. Siegel, *Non-parametric Statistics for the Behavioral Sciences*, McGraw-Hill, 1956.

Examination Arrangements: The statistics

course is assessed by means of a formal three hour examination in May, together with the marks for two written assignments carried out during the course.

The independent research project will be assessed on the basis of the written report (maximum 8,000 words (M.Sc. students only)). Survey methodology and Advanced data processing will be assessed on the basis of two research designs and three assignments completed during the course and re-submitted at the start of the June examinations (M.Sc. students only).

Social Science and Administration Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar/ Number			Study Guide Number	Lecture/ Seminar Number		Study Guide Number
SA100	Introduction to Social Policy Professor B. Abel-Smith	25/MLS	SA5600; SA5612	SA117	Psychology in Social Administration — Seminar Professor D. E. G. Plowman	22/MLS 7/S
SA101	Social Policy from the Industrial Revolution to the Second World War Dr. S. Bruley	20/ML	SA5612	SA120	Social and Political Theory Dr. D. M. Downes	SA5725
SA102	Social Policy and Administration since the Second World War Mr. H. Glennerster, Mr. M. Reddin, Dr. J. W. Carrier, Dr. M. R. Ferguson, Dr. P. Levin and Miss S. B. Sainsbury	20/ML	SA5620; SA6600; SA6611; SA6615; SA6630	SA121	Educational Policy and Administration Dr. M. R. Ferguson	10/M SA5730
SA103	Social Policy Dr. J. W. Carrier, Mr. H. Glennerster and Mr. M. Reddin	25/MLS	SA5720; SA6610; SA6611; SA6630	SA122	Race Relations and Ethnic Minority Groups Dr. M. I. A. Bulmer and Dr. J. W. Carrier	25/MLS SA5754
SA105	Contemporary Aspects of Social Work and Social Administration Mr. H. B. Rees and others	10/L	SA109	SA123	Personal Social Services Miss S. B. Sainsbury	10/M SA5731; SA6642
SA109	Sociology and Social Policy Dr. D. M. Downes, Dr. J. W. Carrier, Dr. P. Levin, Dr. M. R. Ferguson, Professor R. A. Pinker, Dr. S. Ramon and Mr. D. F. J. Piachaud	25/MLS	SA5661; SA6601;	SA124	Social Policy in Developing Countries Class (Not available 1984-85) Mrs. M. G. W. Hardiman and Dr. J. Midgley	20/ML
SA111	Introduction to Social Work and Social Work Method Mr. H. B. Rees and others	10/L		SA125	Urban Planning and Housing Policies Dr. P. Levin	10/M SA5732; SA6643
SA112	Values and Ethics in Social Work Mr. H. B. Rees	3/L		SA126	Health Policy and Administration Professor B. Abel-Smith, Mrs. D. Irving and Dr. J. W. Carrier	20/ML SA5733; SA6640
SA114	Statistics and Computing in Social Investigation Mrs. D. Irving	10/M	SA5622	SA127	Social Theory and Social Policy 1870-1918 (Not available 1984-85) Dr. J. E. Lewis	23/MLS SA5751
SA115	Methods of Social Investigation Dr. M. I. A. Bulmer, Dr. C. T. Husbands and Dr. C. M. Phillips	20/ML	SA5622; SA5662	SA128	Sociology of Deviance and Control Dr. D. M. Downes	10/M SA5734
SA116	Psychology in Social Administration Professor D. E. G. Plowman	10/ML	SA5752; SA6601	SA129	Social Security Mr. D. F. J. Piachaud and Mr. M. Reddin	15/ML SA5735; SA6641
				SA130	Social Economics Mr. D. F. J. Piachaud	20/ML SA5614; SA6600
				SA132	Financing the Social Services Mr. H. Glennerster	10/L Ec1543; SA5660; SA6600
				SA133	Media and Society: Social and Communications Policy Dr. M. R. Ferguson	6/L SA133
				SA151	Social Policy and Administration — Seminar Professor B. Abel-Smith, Professor R. A. Pinker and Mr. H. Glennerster	50/MLS SA6630

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
SA152	Social Planning — Seminar Mr. J. Rosenhead and Mr. H. Glennerster	25/MLS	SA6631
SA153	Social Policy Research — Seminar Dr. M. I. A. Bulmer and Mrs. D. Irving	20/ML	SA153; SA6630; SA6631
SA154	Health Services — Seminar Mrs. D. Irving, Dr. J. W. Carrier and Professor B. Abel-Smith	25/MLS	SA6640
SA155	Income Maintenance and Social Security Policies Mr. M. Reddin and Mr. D. F. J. Piachaud	25/MLS	SA6641
SA156	Personal Social Services Miss S. B. Sainsbury	25/MLS	SA6642
SA157	Housing and Urban Planning — Seminar Dr. P. Levin	25/MLS	SA6643
SA158	Educational Policies and Administration — Seminar Dr. M. R. Ferguson	25/MLS	SA6644
SA160	Research Seminar in Social Administration Dr. M. I. A. Bulmer	15/MLS	SA160
SA161	Social Research and Social Administration (A) Research Forum Professor B. Abel-Smith	10/ML	SA161
	(B) Research Methodology Dr. M. I. A. Bulmer	10/ML	SA161
SA170	Planning Theory and the Context of Planning Dr. A. L. Hall and Dr. J. Midgley	25/MLS	SA6740
SA171	Planning Methods (Workshop) Dr. J. Midgley, Mr. A. Cornford and Mr. D. Narine	25/MLS	SA6740
SA172	Social Policy and Planning in Developing Countries Dr. A. L. Hall and Dr. J. Midgley	50/MLS	SA6760
SA173	Social Research Methods and Planning Techniques in Developing Countries — Seminar Mr. D. F. J. Piachaud, Dr. M. I. A. Bulmer and Mr. A. Cornford and Dr. A. L. Hall	23/MLS	SA173; SA6760
SA174	The Governmental Context of Development Mr. D. F. Dawson	25/MLS	SA6740

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
SA175	Economic Aspects of Social Planning in Developing Countries — Class Mr. D. F. J. Piachaud	10/ML	SA6740
SA176	Problems of Health and Disease — Seminar Dr. J. W. Carrier, Mr. D. F. J. Piachaud, Professor B. Abel-Smith and Dr. Walt	25/MLS	SA6741; SA6761
SA177	The Planning of Family Welfare Service and Social Security — Seminar Dr. J. Midgley	25/MLS	SA6742; SA6762
SA178	Rural Development — Seminar Dr. A. L. Hall	25/MLS	SA6743; SA6764
SA179	Social and Economic Aspects of Urbanisations Dr. J. Midgley, Mr. D. Narine and Dr. M. J. Hebbert	26/MLS	SA6744; SA6763
SA180	Social Implications of Education — Seminar Dr. A. L. Hall	25/MLS	SA6745; SA6765
SA311	Social Policy and Administration Professor R. A. Pinker, Dr. M. Brown and Mr. H. Glennerster	15/ML	

SOCIAL SCIENCE AND ADMINISTRATION

SA133 Media and Society: Social and Communications Policy Issues

Teacher Responsible: Dr. M. Ferguson, Room A261 (Secretary, Bridget Atkinson, A267)
Course Intended Primarily for B.Sc. SS. & A. 3rd year; B.Sc. (Econ.) Part II; Optional for M.Sc.

Syllabus: The role of the media; a comparative approach to key issues in communications policy – the social, economic and ethical implications of the new technologies (eg. cable television and direct satellite broadcasting); trends in media ownership; issues of press freedom with reference to media ownership, government regulation and the free market.

The media – audience – society relationship: the interaction between producers, messages, audiences and cultural and political life. The role of the media in presenting social policy issues.

Teaching Arrangements: Six lectures (SA133) in the Michaelmas Term.

Reading List: D. McQuail, *Mass Communication*; E. Katz & T. Szecskö, *Mass Media and Social Change*; G. O. Robinson (Ed.), *Communications for Tomorrow: Policy Perspectives for the 1980s*; B. M. Compaigne et al., *Who Owns the Media? Concentration of Ownership in the Mass Communications Industry* (2nd edn.); Report of the International Commission for the Study of Communication Problems, *Many Voices. One World*, UNESCO, 1980; M. Jussawalla & D. Lamberton (Eds.), *Communication Economics and Development*; T. L. McPhail, *Electronic Colonialism, the Future of International Broadcasting and Communication*; J. Curran & J. Seaton, *Power Without Responsibility, the Press and Broadcasting in Britain*; P. Golding & S. Middleton, *Images of Welfare, Press and Public Attitudes to Poverty*.

Examination Arrangements: This course is non-examinable.

Social Policy Research

Teachers Responsible: Dr. M. Bulmer, Room A224 (Secretary, Miss G. Grant A240) Mrs. D. Irving, Room A269 (Secretary, Miss E. Plumb, A280)

Course Intended Primarily for M.Sc. Soc. Pol. & Plan.; M. Phil.; Ph.D.; optional for M.Sc. Soc. Pol. & Soc. Work.

Scope: Methodological problems of social research into social policy; interdisciplinary relationships in a research setting. Types of enquiry: (a) theory-testing; (b) description; (c) policy-evaluation; (d) action-research. Problem selection and concept definition. Research design. Data collection. Data analysis. Basic statistical issues. Role of computers. Mathematical models for planning, resource allocation and forecasting. Population projections. Uses and limitations of social indicators. The application of social research; its place in the policymaking process.

Teaching Arrangements: Weekly seminars, Michaelmas and Lent Terms.

Reading List: M. Bulmer, *The Uses of Social Research*; M. Bulmer (Ed.), *Social Policy Research*; A. Ryan (Ed.), *The Philosophy of Social Explanation*; R. Borger and F. Cioffi (Eds.), *Explanation in the Behavioural Sciences*; M. & C. W. Sherif, *Interdisciplinary Relationships in the Social Sciences*; A. Forder, *Concepts in Social Administration*; C. Selltiz, *Research Methods in Social Relations*; H. W. Smith, *Strategies of Social Research*; E. R. Tuft, *The Quantitative Analysis of Social Problems*; R. Lees, *Research Strategies for Social Welfare*; M. Susser, *Causal Thinking in the Health Sciences*; A. S. C. Ehrenberg, *Data Reduction*; N. T. J. Bailey, *Mathematics, Statistics and Systems for Health*; C. Lee, *Models in Planning*; P. R. Cox, *Demography*; W. J. M. Mackenzie, *Biological Ideas in Politics*; M. Spiers, *Techniques and Public Administration*; C. H. Waddington, *Tools for Thought*; A. Shonfield and S. Shaw, *Social Indicators and Public Policy*; O. Morgenstern, *On the Accuracy of Economic Observations*; T. Tripodi, *Uses and Abuses of Research in Social Work*; E. Suchman, *Evaluative Research*; M. Shipman (Ed.), *The Organisation and Impact of Social Research*; M. Rein, *Social Science and Public Policy*; J. Barzun and H. E. Graff, *The Modern Researcher*; M. Bulmer (Ed.), *Social Research and Royal Commissions*; D. Rhind, *A Census User's Handbook*.

SA153

Seminars in Social Administration

Teacher Responsible: Dr. M. Bulmer, Room A224 (Secretary, Miss G. Grant, A240)

Course Intended Primarily for Staff and graduate students.

Scope: Presentation and discussion papers based on research in progress.

Teaching Arrangements: Sessional seminars.

SA160

SA161 Social Research and Social Administration (Seminar)

Teachers Responsible: Professor B. Abel-Smith, Room A243 (Secretary, Liz Carr, A244) and Dr. M. Bulmer, Room A224 (Secretary, Miss G. Grant, A240)

Course Intended Primarily for M. Phil. and Ph.D. students.

Scope: This seminar provides an opportunity for graduate students to examine different methodological approaches and consider methodological problems encountered in the planning, conduct and writing up of individual pieces of research carried out for a higher degree by thesis. Considerable emphasis is placed on the needs of individual students. The seminar is divided into two parts, which meet on alternate weeks: (i) research in social policy and administration: a seminar with an emphasis upon substantive research and the presentation of research results; (ii) methodological strategy: a seminar with an emphasis upon the planning and procedures of empirical research in the social policy field.

Reading List: J. Barzun and H. E. Graff (Eds.), *The Modern Researcher*, A. Ryan (Ed.), *The Philosophy of Social Explanation*; H. W. Smith, *Strategies of Social Research: the methodological imagination*; R. Wax, *Doing Field Work: Warnings and Advice*; J. Robinson, *Economic Philosophy*; A. J. Culyer, *The Political Economy of Social Policy*; E. H. Carr, *What is History?*; M. Carley, *Social Measurement and Social Indicators*; M. Rein, *Social Science and Public Policy*; R. Plant et al., *Political Philosophy and Social Welfare*; M. Bulmer, *The Uses of Social Research*.

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SA173 Social Research Methods and Planning Techniques in Developing Countries (Seminar)

Teachers Responsible: Dr. M. Bulmer, Room A224, Mr. A. Cornford, Room S105A, Mr. Piachaud, Room A284 and Dr. A. Hall, Room A260.

Course Intended Primarily for M.Sc. Social Planning in Developing Countries and interested graduate students.

Scope: Methods of social research in developing countries. Censuses. Surveys. Sampling. Special problems of field work in the Third World. Social Indicators. Operational research techniques. Project appraisal. Cost-benefit analysis.

Teaching Arrangements: Weekly seminars, Michaelmas and Lent Terms.

Reading List: M. Bulmer & D. P. Warwick (Eds.), *Social Research in Developing Countries: Surveys and Censuses in the Third World*; D. Casley & D. Lury, *Data Collection in Developing Countries*; M. Peil, *Social Science Research Methods: an African Handbook*; W. O. Barr et al., *Survey Research in Africa*; D. P. Warwick and C. Linninger, *The Sample Survey*; S. Pausewang, *Methods and Concepts of Social Research in a Developing Country*; E. Sheldon and W. Moore, *Indicators of Social Change*; M. Baster (Ed.), *Measuring Development*; W. Peterson, *Population*; A. K. Sen, *Poverty and Famines*; H. S. Shryock and J. S. Siegel, *The Methods and Materials of Demography*; M. Carley, *Social Measurement and Social Indicators*; R. L. Ackoff and M. Sasiemi, *Fundamentals of Operations Research*; W. E. Duckworth, A. E. Gear and A. G. Lockett, *A Guide to Operational Research*; J. Lighthill, *Newer Uses of Mathematics*; R. Layard (Ed.), *Cost-Benefit Analysis*; E. Mishan, *Elements of Cost Benefit Analysis*; P. Dasgupta et al., *Guidelines for Project Appraisal*; J. Midgley & D. Piachaud (Eds.), *The Fields and Methods of Social Planning*.

SA5600

Introduction to Social Policy Teacher Responsible: Professor B. Abel-Smith, Room A243 (Secretary, Liz Carr, A244)

Course Intended Primarily for B.Sc. (Econ.) Parts I and II
B.Sc. course unit, outside option.

Scope: The course aims to give a general introduction to social policy.

Syllabus: Ideas about social policy: the contribution of social and political theorists and economists: debates about the appropriate scale and nature of government interventions; the changing and conflicting definitions of citizenship, freedom and distributive justice; the social division of welfare.

The course examines how certain social and economic needs of individuals and groups are identified; how policies are formulated; and how government bodies sometimes change their structure in response to these perceived needs; how policies are administered, and revised in response to changing circumstances; the impact of interest groups and changing technology; the debate about planning, resources and manpower.

These topics will be illustrated by reference to selected pieces of social legislation in the fields of health, housing, social security, education, the personal social services and employment. The main focus will be on Great Britain, but comparative material from other societies will also be used.

Pre-Requisites: None required. Students with some knowledge of British History 1800 to the present day, economics, and sociology will be able to use this knowledge.

Teaching Arrangements: One lecture course accompanied by a class.

Lectures: SA100 25 Michaelmas and Lent Terms

Classes: SA100(a) 10 Michaelmas, 10 Lent, 5 Summer Term

Michaelmas Term: work will cover a comparative social policy and social policy innovation in Britain 1800-1950.

Lent Term: work will cover the assessment of the impact of social policy.

Summer Term: the institutional framework within which social policy operates will be discussed.

Written Work: Students will be expected to write one essay per term for class teachers, and to read for and contribute to class discussion each week.

Reading List: No single book covers the entire syllabus. The following are useful introductory texts one or two of which students might wish to buy:

T. H. Marshall, *Social Policy*, Hutchinson, 1975; M. Brown, *Introduction to Social Administration* (Fifth edn.), Hutchinson, 1982; R. M. Titmuss, *Social Policy: An Introduction*, Allen and Unwin, 1975; D. V. Marsh, *The Welfare State* (Second edn.), Longmans, 1980; W. A. Robson, *Welfare State and Welfare Society*, Allen and Unwin, 1976; J. Le Grand

& R. Robinson, *The Economics of Social Problems*, Macmillan, 1976; D. Fraser, *The Evolution of the British Welfare State*, Macmillan, 1973; M. Hill, *Understanding the Welfare State*, Basil Blackwell and Martin Robertson, 1982.

Full bibliographies will be provided with the programme of class topics.

Examination Arrangements: There is a three-hour examination in the Summer Term. The paper contains 15 questions of which four are to be answered. Each question is allocated equal marks.

SA5612

History of Social Policy in the 19th and 20th Centuries

Teacher Responsible: Dr. S. Bruley

Course Intended Primarily for B.Sc. Soc.

Policy & Admin. first year students, for whom it is compulsory, and optional for Diploma Soc. Pol. and Admin. Option I.

Scope: Aims to give students a knowledge of the development of social policy in the 19th and 20th centuries and the context in which it emerged.

Syllabus: The relationship of government, politics, social structure and economic changes to social policy. The influence of social, political and economic thought. The influence of war; the impact of industrial and demographic change; occupational stratification; the development of the social services. The role of pressure groups and voluntary organisations in policy formation. The development of public administration and the making of social policy.

Teaching Arrangements: Lectures (SA100) 20, Sessional, and (SA101), 20, Michaelmas and Lent Terms.

Classes (SA100a; SA101a), 1 1/2 hour class each week.

Written Work: Students will be expected to hand in one essay per term to their class teacher. It is also expected that students will read for classes and contribute to class discussion.

General Reading List: Texts: The following are useful for reference purposes, especially if you have no prior knowledge of the period.

R. K. Webb, *Modern England*; D. Read, *England, 1868-1914*; F. Betharida, *A Social History of England 1851-1975*; A. Marwick, *Britain in the Century of Total War*; Asa Briggs, *The Age of Improvement*; G. Best, *Mid-Victorian Britain 1851-75*.

On economic history the following texts are

recommended:

P. Mathias, *The First Industrial Nation*; Phyllis Deans, *The First Industrial Revolution*; W. Ashworth, *Economic History of England 1870-1939*; R. Floud & D. McCloskey, *Economic History of Britain*, especially Vol. II; E. J. Hobsbawm, *Industry and Empire*.

On the development of social policy the following are useful for reference:

D. Fraser, *The Evolution of the Welfare State*; M. Bruce, *The Coming of the Welfare State*; D. Roberts, *Victorian Origins of the British Welfare State*; B. B. Gilbert, *The Evolution of National Insurance; British Social Policy 1914-39*; Pat Thane, *The Foundations of the Welfare State*.

Your class reading lists which will be distributed by class teachers are very important and we have tried to star the particularly crucial material on these.

Examination Arrangements: Three-hour examination in Summer Term.

SA5613

Sociology and Social Policy

Teacher Responsible: Dr. D. M.

Downes, Room A246 (Secretary, Bridget Atkinson, A267)

Course Intended Primarily for B.Sc. Social Policy and Administration, first year students.

Scope: The aim of the course is to introduce students to major themes and perspectives in social theory, as a preparation for their more detailed examination in relation to social policy issues throughout the course.

Syllabus:

The course will be in two parts:

1 An introduction to elements of social theory, and their implications for, and relationship to, political choice and social policy; comprising basic concepts in the analysis of social stratification, the distribution of power, modes of organisation, roles and social action in modern industrial societies.

2 Introduction to sociology and social policy in relation to a number of substantive fields in modern Britain such as demography; health, education; poverty and income distribution; housing and urban and regional planning; deviance and control; the mass media; and race relations.

Pre-Requisites: None

Teaching Arrangements: Lecture course and associated classes.

Lectures: SA109 **Sociology and Social Policy**, given by Dr. Downes and others. 25 weekly lectures, Sessional.

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Classes: SA109(a). Classes are weekly, 1 hour long. (1) Michaelmas Term: two groups of students, taken by Dr. Downes. (2) Lent Term: the same, taken by various lecturers.

Written Work: One essay per term is required.

Reading List: There is no set text for the course, and a full reading list is provided at the first class. Basic reading:

D. Thompson (Ed.), *Political Ideas*; W. G. Runciman, *Social Science and Political Theory*; R. A. Pinker, *Social Theory and Social Policy*; H. Stuart Hughes, *Consciousness and Society*; R. A. Nisbet, *The Sociological Tradition*; P. Berger, *Invitation to Sociology*; A. Giddens, *Capitalism and Modern Social Theory*; D. Silverman, *The Theory of Organisations*; L. Closer, *Masters of Sociological Theory*; C. Wright Mills, *The Sociological Imagination*; J. Westergaard & H. Rosler, *Class in a Capitalist Society*; I. Reid, *Social Class Differences in Britain* (2nd edn.); A. H. Halsey, *Change in British Society*; M. Bulmer (Ed.), *Social Policy Research*.

Examination Arrangements: Three-hour paper in the Summer Term; four questions to be answered.

SA5614

Social Economics

Teacher Responsible: David Piachaud, Room A284 (Secretary, Mrs. Doreen Young, A238)

Course Intended Primarily for B.Sc. Social Policy and Administration, 1st year.

Scope: Introduction to economics and its application to social policy.

Syllabus: The nature of the economic problem. The price mechanism and economic efficiency. Allocation problems in capitalist and centrally planned economies. The role of the state in economic activity. The demand for and supply of social services. The incidence of taxes and benefits. The determination of wages; the role of trade unions; minimum wage legislation. The distribution of incomes; policies of income redistribution. The application of economic analysis to the allocation of resources in the public sector.

Pre-Requisites: None.

Teaching Arrangements: Lectures: **Social Economics** (SA130), 20 lectures, Michaelmas and Lent Terms, given by David Piachaud. Classes: 25 classes.

Written Work: Essays and class presentations will be required for classes.

Reading List: J. Le Grand & R. Robinson,

The Economics of Social Problems; A. B. Atkinson, *The Economics of Inequality*; A. Williams & R. Anderson, *Efficiency in the Social Services*; R. Layard, M. Stewart & D. Piachaud, *The Causes of Poverty*.
Examination Arrangements: Three-hour paper in the Summer Term; four questions to be answered.

SA5620

Social Administration

Teacher Responsible: Dr. Peter Levin, Room A251

Course Intended Primarily for B.Sc. Social Science and Administration, 2nd year; B.Sc. (Econ.) XXIII Social Policy, 2nd year; other B.Sc. (Econ.) students who may take the subject in Part II as a 'paper taught outside the Department'.

Scope: The aim of the course is to introduce students to the study of the processes of making and administering social policy in Britain, and to equip them with a basic methodology for exploring and analysing these processes.

Syllabus: The course deals with processes of several different kinds: (1) Processes leading up to the enactment of social policy legislation; (2) The making of decisions on public expenditure at central level; (3) The interaction between central government and local authorities over policies which are adopted by the former but administered or implemented by the latter; (4) The process of innovation, resolving issues, and meeting needs from day to day that go on within social services organisations such as the National Health Service and local government; (5) Processes that involve encounters between the citizen and state agencies – the obtaining of welfare benefits, whether as a matter of statutory right or officials' discretion, and the redress of grievances through tribunals or ombudsmen. We seek to explain the forms that these processes take and the outcomes that they have by examining (a) the motivations, interests and powers of the various 'actors' and the parts that these actors play; (b) the input of facts and ideological values and their influence on perceptions and decisions; (c) the effect of the structure of the policy-making and administrative 'system' as manifested in – for example – the departmental structure of British central government, the relationships between government ministers and civil

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servants, and the division of power and responsibility between central government and local authorities; (d) the social, economic and political context.

The course makes considerable use of published case-study material.

Pre-Requisites: The course requires some familiarity with the government and politics of Britain. B.Sc. Social Science and Administration students will have had some classes on this topic in the Summer Term of their first year; B.Sc. (Econ.) will find it advantageous to have taken in Part I either **Modern Politics and Government**, with special reference to Britain, or **English Legal Institutions**, but this is not essential. A sufficient background can be obtained by reading during the summer vacation (see reading list below).

Teaching Arrangements: The main teaching takes the form of one-hour classes (SA102) (20 in all) by Dr. Levin during the Michaelmas and Lent Terms. There is also a course of 20 lectures (**Social Policy and Administration since the Second World War**, SA102) given by Mr. Glennerster and others during the Michaelmas and Lent Terms. It is advisable for students to attend these too.

Written Work: Students are strongly recommended to submit a minimum of two essays during the course, not least as a means of finding out what the examiners will be looking for at the end of the year. Students are not expected to give oral presentations at classes, but they are required to have prepared for the class by reading beforehand. A class may be terminated if it transpires that insufficient preparation has been done to sustain an informed discussion.

Reading List: Some at least of the following texts, which give a background in British government and politics, must be read before beginning the course: J. P. Mackintosh, *The Government and Politics of Britain* (5th edn.); R. Rose, *Politics in England Today*; A. H. Hanson & M. Walles, *Governing Britain* (2nd edn.); B. Headey, *British Cabinet Ministers*; R. M. Punnett, *British Government and Politics*; S. A. Walkland & M. Ryle, *The Commons Today*; P. G. Richards, *The Backbenchers*; R. G. S. Brown & D. R. Steel, *The Administrative Process in Britain*; P. Kellner & Lord Crowther-Hunt, *The Civil Servants*; A. Alexander, *Local Government in Britain since Reorganisation*; H. Elcock, *Local Government*; S. E. Finer, *Anonymous Empire*; R. Kimber & J. J. Richardson (Eds.), *Pressure Groups in Britain*.

The following texts are representative of the case-study material used: K. G. Banting, *Poverty, Politics and Policy*; M. J. Barnett, *The*

Politics of Legislation; D. V. Donnison *et al.*, *Social Policy and Administration Revisited*; J. Edwards & R. Batley, *The Politics of Positive Discrimination*; P. Hall *et al.*, *Change, Choice and Conflict in Social Policy*; P. Hall, *Reforming the Welfare*; H. Hecló & A. Wildavsky, *The Private Government of Public Money*; A. J. Willcocks, *The Creation of the National Health Service*.

A specialised reading list will be given out for each class.

Examination Arrangements: B.Sc. S.S. & A. students take a three-hour formal examination at the beginning of the Summer Term. B.Sc. (Econ.) students take a similar examination at the usual time in the Summer Term. Both papers usually contain twelve or so questions, out of which four must be answered. The content of the paper reflects the topics covered in the classes.

SA5622

Methods of Social Investigation

Teacher Responsible: Dr. Bulmer, Room A224 (Secretary, Miss G. Grant, A240), and Mrs. D. Irving, Room A269 (Secretary, Miss E. Plumb, A280)

Course Intended Primarily for B.Sc. (Econ.) XXIII Social Policy Paper 7 (g)

Scope: The paper aims to give students a comprehensive introduction to methods of social research with a statistical emphasis. **Syllabus:** The syllabus covers methods of social analysis which incorporate the statistical approach. In this context the emphasis is on the relevance of basic methods to the interpretation of social data and to the study of social situations. A consideration of the nature of social data and the problems of applying scientific method to such data. The computation of descriptive measures from social data including measures of location, dispersion and association. Elementary sampling theory. The concept of statistical inference including both parametric and non parametric tests. The problems of collecting and processing data including published statistics.

Pre-Requisites: The paper is part of a course taken by students who have "A" levels in one or more social science subjects, and usually an "O" level in mathematics. There are no formal pre-requisites, but the course assumes a basic numeracy.

Teaching Arrangements:
Lectures: SA115: **Methods of Social**

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Investigation, Dr. Bulmer, Dr. Husbands and Dr. Philips, one hour per week in Michaelmas and Lent Terms.

SA114: **Statistics and Computing in Social Investigation, Mrs. Irving**, one hour per week in the Michaelmas Term.

Classes: SA115(a) Classes to accompany SA115, **Dr. Bulmer**, one hour per fortnight, Michaelmas and Lent Terms.

SA114/SA114(a) Class one hour per week Michaelmas and Lent Terms.

Additional classes for B.Sc. S.S. & A. only: **Written Work:** For **Dr. Bulmer's** fortnightly **Methods of Social Investigation** class students are required (a) to make one verbal presentation of about 20 minutes at a class during the two terms, (b) to write two essays, one in each term, of about 1500-2000 words on a topic prescribed at the beginning of the term. In these classes active verbal participation by students is expected throughout.

Reading List:

A. Social Investigation

The recommended text for the lecture course is L. Kidder, *Research Methods in Social Relations* and students should purchase a copy.

The following will also be frequently consulted:

H. M. Blalock, *An Introduction to Social Research*; C. Selltíz *et al.*, *Research Methods in Social Relations*; H. W. Smith, *Strategies of Social Research*; M. Bulmer (Ed.), *Sociological Research Methods*, Pts I and 2; G. Rose, *Deciphering Sociological Research*; M. Stacey, *Methods of Social Research*; C. Marsh, *The Survey Method*; S. Stouffer, "Some Observations on Study Design" (*American Journal of Sociology*, 60, 1950); M. Rosenberg, *The Logic of Survey Analysis*; H. Zeisel, *Say it with Figures*; E. J. Webb *et al.*, *Unobtrusive Measures*; HMSO, *Social Trends* (annually); B. Edwards, *Sources of Social Statistics*; A. Shonfield & S. Shaw, *Social Indicators and Social Policy*; M. Carley, *Social Measurement and Social Indicators*; D. T. Campbell & J. C. Stanley, *Experimental and Quasi-Experimental Designs for Research*; G. J. McCall & J. L. Simmons (Eds.), *Issues in Participant Observation*; I. Deutscher, *What we Say/What we Do*; E. H. Carr, *What is History?*; L. Gottschalk, *Understanding History*; K. Popper, *The Poverty of Historicism*; E. Nagel, *The Structure of Science*; M. Weber, *The Methodology of the Social Sciences*; G. Myrdal, *Value in Social Theory*; G. Sjöberg (Ed.), *Politics, Ethics and Social Research*; L. Rainwater & W. L. Yancey (Eds.), *The Moynihan Report and the Politics of Controversy*; W. G. Runciman, *Social Science*

and Political Theory; M. D. Shipman, *The Limitations of Social Research*; M. Bulmer (Ed.), *Social Policy Research*.

The lecture reading list and the reading list for Dr. Bulmer's classes provide basic guidance on reading for this part of the course.

B. Statistics and Computing

B. H. Erikson & T. A. Nosanchuk, *Understanding Data*.

D. Rowntree, *Statistics Without Tears*; Hunt & Shelley, *Computers and Common Sense*; P. Bishop, *Computing Science*.

Examination Arrangements: In 1985 students will take two two-hour formal examinations in the Summer Term. In the first, candidates should choose two questions to be answered in statistics, from a choice. In the second, candidates should choose two questions to be answered in social investigation from a choice. For the statistics paper only, students will be allowed to take textbooks and notes into the examination rooms. Past examination papers are available.

For students taking the examination in 1986, there will be one three-hour paper (75%) and a project report (25%).

SA5660

Social Economics (B.Sc. Social Science and Administration)

Teacher Responsible: David Piachaud, Room A284 (Secretary, Doreen Young, A238)

Course Intended Primarily for 2nd year B.Sc. Social Science and Administration.

Scope: The aim is to introduce students to economics and its application to social issues and to the social services.

Syllabus: The nature of the economic problem. The price mechanism; allocation problems in capitalist and centrally planned economies. An examination of need and effective demand. Economic efficiency; constraints on decision making. The changing structure of British industries. Central and local government finance and the incidence of taxes. Regional and migrational policies and the mobility of factors of production. The determination of wages; the role of trade unions; minimum wage legislation.

The determination of the level of national income; economic growth and income distribution. The role of the state in economic activity. The use of monetary and fiscal policies for the maintenance of economic stability. National incomes policies. Policies of

income redistribution. International trade and its finance.

Throughout the course emphasis will be laid on the application of economic analysis to the structure and finance of British social services and the allocation of resources to the public sector.

Pre-Requisites: Economics and Statistics Part I.

Teaching Arrangements:
Second Year Lectures:

Economic Aspect of British Social Services – ten lectures (Ec105), (Michaelmas Term) from Dr. Nick Barr on the objectives and forms of state activity in the social services and the economics of the principal social services.

Financing the Social Services – ten lectures (SA132), in the Lent Term, from Mr. Howard Glennerster. Optional.

Second Year Classes: Twenty classes (SA130b) with Nick Barr, completing the syllabus.

Written Work: Essays and class presentations will be required for classes.

Reading List: Each of the lecture courses will provide its own reading list.

For the second year, the most important books are:

J. Le Grand & R. Robinson, *The Economics of Social Problems*; A. B. Atkinson, *The Economics of Inequality*; A. Williams & R. Anderson, *Efficiency in the Social Services*.

Examination Arrangements:

Second Year: **Social Economics** is a three hour paper early in the Summer Term, in which four questions should be answered.

SA5661

Social Structure

Teacher Responsible: Dr. Marjorie Ferguson (Secretary, Bridget Atkinson, A267)

Course Intended Primarily for B.Sc. Social Science and Administration, 2nd year.

Scope: The application of sociological concepts and research to social processes and institutions which are of particular interest to, and relevance for, students of Social Policy and Administration.

Syllabus: The course examines the role of social institutions such as the stratification system, the family, the education system, religion and the mass media in Britain today. It explores the significance of urbanisation, professionalisation and bureaucratisation for

policy makers, and the social policy issues related to sex differences, deviance, race and ethnicity.

Pre-Requisites: B.Sc. Social Science and Administration, 1st year Social and Political Theory.

Teaching Arrangements: Fortnightly classes (SA109ii and iii) beginning in the Summer Term of the 1st year, carrying on through Michaelmas and Lent in the 2nd year.

Written Work: Students are expected to prepare one or more class papers each term, and write one class essay per term.

Reading List: The following are some key texts. Detailed bibliographies will be given out with the class programme.

I. Reid, *Social Class Differences in Britain* (2nd edn.); J. Tunstall, *The Media in Britain*; S. Cohen & J. Young (Eds.), *The Manufacture of News. Deviance, Social Problems and the Mass Media*; G. Salaman & K. Thompson, *People and Organisations*; R. E. Pahl, *Whose City?*; M. Anderson (Ed.), *Sociology of the Family* (2nd edn.); A. H. Halsey et al., *Origins and Destinations*; J. Eggleston (Ed.), *Contemporary Research in the Sociology of Education*; T. Johnson, *Professions and Power*; E. Wilson, *Women and the Welfare State*; B. Wilson, *Religion in Secular Society*.

Examination Arrangements: The examination consists of a three-hour, unseen written paper with four questions to be answered. The examination paper is based on the topics covered in the Class Topics list.

SA5662

Social Investigation

Teacher Responsible: Dr. Martin Bulmer, Room A224 (Secretary, Miss G. Grant, A240) and Mrs. D. Irving, Room A269 (Secretary, Miss E. Plumb, A280)

Course Intended Primarily for B.Sc. Social Science & Administration, second year.

Scope: The paper aims to give students a comprehensive introduction to methods of social research with a statistical emphasis.

Syllabus: The syllabus covers methods of social analysis which incorporate the statistical approach. In this context the emphasis is on the relevance of basic methods to the interpretation of social data and to the study of social situations. A consideration of the nature of social data and the problems of applying scientific method to such data. The computation of descriptive measures from social data including measures of location, dispersion and association. Elementary sampling theory. The concept of statistical

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inference including both parametric and non parametric tests. The problems of collecting and processing data including published statistics.

Pre-Requisites: The paper is part of a course taken by students who have "A" levels in one or more social science subjects, and usually an "O" level in mathematics. There are no formal pre-requisites, but the course assumes a basic numeracy.

Teaching Arrangements: Lectures: SA115: **Methods of Social Investigation**, Dr. Bulmer, Dr. Husbands and Dr. Phillips, one hour per week in the Michaelmas and Lent Terms.

Classes: SA115(a) Classes to accompany SA115, Dr. Bulmer, one hour per fortnight, Michaelmas and Lent Terms. SA115(b) **Statistics**, Mrs. Irving (A269) — one hour per week in the Lent Term.

Written Work: For Dr. Bulmer's fortnightly class students are required (a) to make one verbal presentation of about 20 minutes at a class during the two terms, (b) to write two essays, one in each term, of about 1500–2000 words on a topic prescribed at the beginning of the term. In these classes active verbal participation by students is expected throughout.

Reading List: The recommended text for the lecture course is L. Kidder, *Research Methods in Social Relations* and students should purchase a copy.

The following will also be frequently consulted:

H. M. Blalock, *An Introduction to Social Research*; C. Selltitz et al., *Research Methods in Social Relations*; H. W. Smith, *Strategies of Social Research*; M. Bulmer (Ed.), *Sociological Research Methods*, Pts I and 2; G. Rose, *Deciphering Sociological Research*; M. Stacey, *Methods of Social Research*; C. Marsh, *The Survey Method*; S. Stouffer, "Some Observations on Study Design" (*American Journal of Sociology*, 60, 1950); M. Rosenberg, *The Logic of Survey Analysis*; H. Zeisel, *Say it with Figures*; E. J. Webb et al., *Unobtrusive Measures*; HMSO, *Social Trends* (annually); B. Edwards, *Sources of Social Statistics*; A. Shonfield & S. Shaw, *Social Indicators and Social Policy*; M. Carley, *Social Measurement and Social Indicators*; D. T. Campbell & J. C. Stanley, *Experimental and Quasi-Experimental Designs for Research*; G. J. McCall & J. L. Simmons (Eds.), *Issues in Participant Observation*; I. Deutscher, *What we Say/What we Do*; E. H. Carr, *What is History?*; L. Gottschalk, *Understanding History*; K. Popper, *The Poverty of Historicism*; E. Nagel, *The Structure of Science*; M. Weber, *The Methodology of the Social Sciences*; G. Myrdal, *Value in Social Theory*; G. Sjoberg

(Ed.) *Politics, Ethics and Social Research*; L. Rainwater & W. L. Yancey (Eds.), *The Moynihan Report and the Politics of Controversy*; W. G. Runciman, *Social Science and Political Theory*; M. D. Shipman, *The Limitations of Social Research*; M. Bulmer (Ed.), *Social Policy Research*.

The lecture reading list and the reading list for Dr. Bulmer's classes provide basic guidance on reading for this part of the course.

Examination Arrangements: B.Sc. S.S. & A. students will have taken a qualifying paper in statistics in their first year. In their second year they take a three-hour formal examination at the beginning of the Summer Term. Candidates choose two questions to be answered in Statistics and two in Social Investigation, with a choice in each. For statistics a formulae sheet is provided, and hand-held battery-operated calculators may be used. Each of the four questions carries equal marks. Past examination papers are available.

SA5720

Social Policy

Teacher Responsible: Mike Reddin, Room A281 (Secretary, B. Atkinson, A267)

Course Intended Primarily for B.Sc. Soc. Sci. and Admin., 3rd year (paper 5); B.Sc. Econ. XXIII Social Policy (paper 2); B.Sc. Soc. Policy and Admin. 3rd year (paper 9)

Scope: The range of theoretical approaches to social policy, and the economic and social impact of such policies.

Syllabus: Social policy is concerned with the attempts of government and other collective agencies to affect the welfare of individuals and groups. This course centres on social policy in Britain and other industrialised countries analysed conceptually, historically and comparatively from the perspectives of the different social science disciplines.

It looks at the application of models to the British welfare system and deals with political ideologies and philosophical ideas underlying choices in social policy; freedom and authority; rights and duties; law and discretion; justice and punishment. It considers the concepts of need, rationing and resource allocation particularly in the field of public expenditure. It looks at the distributive and redistributive impact of policies and at the varied forms of State intervention in the mixed economy of welfare.

Pre-Requisites: Students who are taking no other social policy paper will be helped if they attend course SA102 **Social Policy and Administration since the Second World War**. Students will gain most if they have some general understanding of UK social, economic and political institutions.

Teaching Arrangements: The weekly lectures (SA103) **Social Policy** are followed by 1½ hour classes. The lectures are shared between **John Carrier, Howard Glennerster** and **Mike Reddin**. Each of these teachers is responsible for all the classes on a termly basis.

Classes: SA103(a) B.Sc. S.S. & A. and B.Sc. (Econ.) Part II; Michaelmas (**John Carrier**, Room A257), Lent (**Mike Reddin**, Room A281) and Summer (**Howard Glennerster**, Room A279).

Written Work: One or more students will normally be required to make a brief introduction to the class: each student is likely to have to prepare one such introduction per term. It is expected that students will actively participate in discussion in all classes. Each student will be required to submit a piece of written work to the class teacher at the end of the Michaelmas and Lent Terms.

Reading List: R. M. Titmuss, *Problems of Social Policy*; *The Gift Relationship*; *Social Policy: An Introduction*; R. A. Pinker, *Social Theory and Social Policy*; *The Idea of Welfare*; P. Hall et al., *Change, Choice and Conflict in Social Policy*; M. Hill, *The State Administration and the Individual*; W. A. Robson, *The Welfare State and Welfare Society*; J. R. Hay, *The Origins of the Liberal Welfare Reforms, 1906-1914*; H. Glennerster, *Social Service Budgets and Social Policy*; J. Rawls, *A Theory of Justice*; W. G. Runciman, *Relative Deprivation and Social Justice*; D. Miller, *Social Justice*; R. Mishra, *Society and Social Policy*, *The Crisis in the Welfare State*; G. Room, *The Sociology of Welfare*; I.

Gough, *The Political Economy of the Welfare State*; R. Plant et al., *Political Philosophy and Social Welfare*; K. Banting, *Poverty, Politics and Policy*; M. Adler & Asquith, *Discretion and Welfare*; P. Taylor-Gooby & J. Dale, *Social Theory and Social Welfare*; P. Townsend, *Poverty in the United Kingdom*; D. Donnison, *The Politics of Poverty*; J. Higgins, *States of Welfare*; M. Brown & N. Madge, *Despite the Welfare State*; A. Weale, *Social Theory and Social Policy*.

Supplementary Reading List: Full bibliographies will be given to students at the start of each term.

Examination Arrangements: Students sit one three-hour examination in the Summer Term. They are required to answer four questions.

SA5725

Social and Political Theory

Teacher Responsible: Dr. D. M. Downes, Room A246 (Secretary, Miss Bridget Atkinson, A267)

Course Intended Primarily for B.Sc. Degree in Social Science and Administration, end of second and throughout third year. Also optional for third year B.Sc. (Econ.) Social Policy option.

Scope: The aim of the course is to enable students to examine major issues in social and political theory, and their relation to social policy.

Syllabus:

(a) Political theory; the role of the state and the nature of political authority, and problems of distributive justice, are examined in relation to major traditions of political thought, from Hobbes to the present, including Locke, Rousseau and the Enlightenment, Utilitarianism and developments in liberalism, Marx and developments in socialist theory, Burke and conservative philosophies.

(b) Social theory: major issues in theory and methodology concerning the bases of social order and social change; social meaning and values; and the grounds for conflict and differentiation. Approaches included are Marxism; the work of Durkheim, Weber and Spencer; functionalism and action theory; critical theory; symbolic interactionism, and phenomenological approaches. A concern throughout is to discern the implications of these approaches for social policy and political activity.

Pre-Requisites: Normally, students will have taken **Sociology and Social Policy** (SA109), but comparable introductory course material would suffice.

Teaching Arrangements: Lecture course and classes.

Lectures: So106: **Sociological Theory**, given by Dr. Mann (S778; Secretary: Ms. Y. Brown, S656) 20 lectures, weekly, Michaelmas and Lent Terms.

Classes: SA120(a) and (b). 6 weekly classes in weeks 5-10 of the Summer Term are given and cover political theory from Hobbes to Marx. These precede 20 weekly classes (SA120b) for students in their 3rd Year by principally Dr. Downes, which cover the sociological and selected political aspects of the course. Classes are one-and-a-half hours.

Written Work: One essay per term is strongly recommended. One introductory paper per term is expected in class.

Reading List: There is no set text for the course, and a full reading list is provided at

the first class. Basic reading: J. Plamenatz, *Men and Society* (2 Vols.); G. Duncan, *Marx and Mill*; G. Sabine, *A History of Political Thought* (3rd edn.); C. B. Macpherson, *The Political Theory of Possessive Individualism*; R. Aron, *Main Currents in Sociological Thought* (2 Vols.); G. Hawthorne, *Enlightenment and Despair*; A. Giddens, *Capitalism and Modern Social Theory*; A. Giddens, *New Rules of Sociological Method*; E. Gellner, *Legitimation of Belief*; T. Bottomore & R. Nisbet (Eds.), *A History of Sociological Thought*.

Examination Arrangements: Students sit one three-hour, four question, paper in the Summer Term of their third year.

SA5730

Educational Policy and Administration

Teacher Responsible: Dr. Marjorie Ferguson, Room A261 (Secretary, Bridget Atkinson, A267)

Course Intended Primarily for B.Sc. Social Science and Administration 3rd year students; B.Sc. (Econ.) Part II; B.Sc. course unit.

Scope: The course deals mainly with educational policy making in Britain – its decision-making processes, institutional power structure and forms of provision at all levels from pre-school to higher education.

Syllabus: The formation of educational policy in Britain, the role of central and local government, school governing bodies, professional organisations and pressure groups. The provision of education – costs, methods of finance, distribution of resources, educational planning. Issues, research and policies concerning sex, race and class differences in educational performance, pre-school provision and post-school training.

Pre-Requisites: None.

Teaching Arrangements: Ten lectures in the Michaelmas Term (SA121). Weekly classes (SA121a and SA121b) throughout the Michaelmas and Lent Terms of the 3rd year. Three introductory classes in the Summer Term of the 2nd year.

Written Work: Students are expected to prepare one or more class papers each term, and write one class essay per term.

Reading List: The following are some key texts. Detailed bibliographies will be given out with the class programme.

E. G. West, *Education and the State*; E. E. Rich, *The Education Act 1870*; P. H. J. H. Gosden, *Education in the Second World War*;

A. H. Halsey *et al.*, *Origins and Destinations*; A. Corbett, *Much to do about Education*; W. Richmond, *Education in Britain since 1944*; M. Rutter *et al.*, *Fifteen Thousand Hours*; D. Lawton, *The Politics of the School Curriculum*; M. Kogan, *The Politics of Educational Change*; *Educational Policy Making*; P. Lodge & T. Blackstone, *Educational Policy and Educational Inequality*; D. Regan, *Local Government and Education*; C. Baxter *et al.*, *Economics and Educational Policy*.

Examination Arrangements: The examination consists of a three hour, unseen written paper with four questions to be answered. The examination paper is based on the topics covered in the classes.

SA5731

Personal Social Services

Teacher Responsible: Sally Sainsbury, Room A250 (Secretary, Doreen Young, A238)

Course Intended Primarily for B.Sc. (Econ.)

Part II; B.Sc. Social Science and Administration: B.Sc. course unit.

Scope: The development and operation of the personal social services in Britain.

Syllabus: The personal social services, with special reference to Britain: an examination of their goals and functions, the ethical and political issues they raise and the underlying concepts, values and assumptions. An examination of policies and legislation. Different concepts and measures of need; policy choices and their consequences. Patterns and problems of social intervention. The role of social work; professionalisation, domiciliary, day and residential care, community work and development. Inter-organisational and management issues: performance indices and evaluation; the interaction of central and local government; the voluntary sector; pressure groups; the clientele; private and community patterns of service.

Pre-Requisites: None.

Teaching Arrangements: One lecture course accompanied by classes.

Lectures: SA123, 10 Michaelmas Term.

Classes: SA123 (b), 10 Michaelmas, 10 Lent, 5 Summer Terms.

Written Work: Students are expected to write one essay per term for the class teacher, and to read for and contribute to class discussion each week.

Reading List: No single book covers the entire syllabus; the following are useful introductory texts.

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P. Townsend, *The Last Refuge*, RKP, 1962; K. Jones, *Opening the Door*, RKP, 1975; B. M. Rodgers & J. Stevenson, *New Portrait of Social Work*, OUP, 1973; *Report of the Committee on Local Authority and Allied Personal Social Services*, (Seebohm), Cmnd. 3703, 1968; P. Hall, *Reforming the Welfare*, Heinemann, 1976; B. Davies, *Social Needs and Resources in Local Service*, Michael Joseph, 1968; E. Sainsbury, *Personal Social Services*, Pitman, 1977.

A full bibliography will be provided with the programme of class topics.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper contains 12 questions, of which four are to be answered. Each question is allocated equal marks.

SA5732

Housing and Urban Structure

Teacher Responsible: Dr. Peter Levin, Room A251

Course Intended Primarily for B.Sc. Social Science and Administration, 3rd year; B.Sc. (Econ.) XXIII, Social Policy, 3rd year; other B.Sc. (Econ.) students who may take the subject in Part II as a 'paper taught outside the Department'; B.Sc. course unit.

Scope: The aim of the course is to introduce students to the study of housing and urban structure and to equip them with basic questions and techniques for exploring and analysing the processes at work in cities and housing markets. It does this by adopting an issue-oriented approach, ie. by taking certain issues and exploring what lies behind them. The course deals mainly with England and Wales, although there is a comparative component.

Syllabus: This course can be divided into five parts:

1. *The Housing System in Britain:* This part of the course looks at housing on a national scale, and provides a background to the following parts. It covers the pattern of tenures and major changes, such as the decline in private renting and the growth of 'alternative' forms of tenure; it also tackles the question of whether there is a national housing problem, and the need and scope for action by central government.

2. *How Cities Work:* Here we put housing in the context of other elements of urban structure - social, physical, economic - and ask, among other questions, what determines where people of different social class live. We look at the changes currently taking place in

population, housing and employment, and ask how these changes are related. There is some emphasis on the problems of inner urban areas, and we ask what lessons have been learned from the Community Development Projects and the Inner Area Studies. We also look at the way the town planning system has operated, and put the classic questions: who gains? who loses? who decides?

3. *Housing at Local Level:* Here we are concerned with questions of who gets what in housing, and why, paying particular attention to the role of local authorities and other 'urban managers' or gatekeepers. So we ask, for example, who becomes homeless, and why, and how do local authorities respond to it. Are ethnic minorities relatively worse housed than other people? Has the 1974 Rent Act, which gave security of tenure to many 'furnished' tenants, made it more difficult for newcomers to the housing market to find somewhere to live? Why do some local authorities have hard-to-let accommodation at the same time as long waiting lists? Are tenant co-ops the solution to the problem of how to manage local authority estates?

4. *Problems of Run-down Housing:* This part of the course looks at 'gentrification' and other processes that are going on in some inner areas, and at the way in which local authorities have been facing the issue of whether to improve run-down housing or to pull it down and build anew. We ask what the social costs of rehabilitation and redevelopment are, and whether the people on the receiving end might with advantage be enabled to participate in the decisions that will affect them.

5. *New Towns and 'Overspill':* We look at new towns and 'town development' schemes with two questions in mind. To what extent have the planners and development corporations been successful in creating balanced and self-contained communities? And what contribution - if any - have these developments made to solving the problems of inner London and other cities?

Pre-Requisites: Students who have taken introductory courses in one or more of social policy and administration, public administration, sociology, economics or geography will have a useful foundation. More important are curiosity about the subject matter and the desire to relate one's personal experience of living in a town or city to a wider context.

Teaching Arrangements: There is a course of ten lectures (*Urban Planning and Housing Policies*, SA125) given by Dr. Levin in the Michaelmas Term; he also holds weekly classes (SA125a-b) (25 in all) of 1½ hours

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duration during the session. In addition, four classes are held during the Summer Term preceding the session - these are of an introductory nature and are not essential for the main course. The range of possible class topics is very wide: the actual programme will be decided in consultation with the members of the class and will take their particular interests into account wherever possible.

Written Work: Each student will be expected to prepare and give a 20-minute oral presentation at two or three classes during the year. It is strongly recommended that students should in addition submit a minimum of two essays during the year, not least as a means of finding out what the examiners will be looking for at the end of the year.

Reading List: The following introductory texts are recommended: K. Bassett & J. Short, *Housing and Residential Structure*; J. B. Cullingworth, *Essays on Housing Policy*; D. V. Donnison & C. Ungerson, *Housing Policy*; P. Hall (Ed.), *The Inner City in Context*; G. Kirk, *Urban Planning in a Capitalist Society*; S. Lansley, *Housing and Public Policy*; P. Lawless, *Britain's Inner Cities*; A. Murie *et al.*, *Housing Policy and the Housing System*.

More specialised lists will be given out for particular classes and lectures.

Examination Arrangements: Students take a three-hour formal examination in the Summer Term. The paper usually contains twelve or so questions, out of which four must be answered. The content of the paper reflects the topics covered in the classes and lectures.

SA5733

Health Policy and Administration

Teacher Responsible: Professor Brian Abel-Smith, Room A243 (Secretary, Liz Carr, A244)

Course Intended Primarily for B.Sc. (Econ.) Part II. B.Sc. (SS&A) 3rd year. B.Sc. (Econ.) Part II; B.Sc. course unit; Optional for Dip. Soc. Pol. & Admin. (Option I).

Scope: The aim of the paper is to introduce students to the main issues involved in the administration of health services in modern societies, drawing mainly upon the example of the National Health Service in England and Wales.

Syllabus: The determinants of health improvement; the organisation and finance of the National Health Service. The planning of

acute services, general practice, and services for particular groups, (e.g. the maternity services, services for the mentally ill and mentally handicapped). Prescribing and the pharmaceutical industry; the problem of priorities and planning, medical education and the distribution of medical manpower.

Pre-Requisites: Students are not expected to have any specialised knowledge of health service provision in general or the NHS in particular, but they should be familiar with the basic concepts used in social policy, especially those used in the study of either/or public administration, political science, sociology and economics.

Teaching Arrangements: The lecture course (SA126) (**Background to Health Administration**) is composed of 20 lectures covering the Michaelmas Term and the first half of the Lent Term given by **Professor B. Abel-Smith, Dr. Carrier and Mrs. Irving**. Each lecture is supported by a one-hour class which is based on the topic of the lecture. Classes (SA126a) continue after the lecture course has finished, and extend into the Summer Term. Students are expected to produce written papers for class discussion (at least one paper per student for the course, depending on the numbers who attend). Several hours of private study are expected in the preparation for classes each week, whether or not the student is presenting a class paper.

Written Work: In addition to the class paper referred to above students are expected to produce at least two essays of between 1500 and 2000 words each for the class teacher during the length of the course. Individual teachers will set, read and discuss this work with the individual student.

Reading List: The reading list is the minimum necessary reading for this course. Specialised reading for lecture topics will be given out by lecturers responsible for particular aspects of the course. Students should attempt to buy some of the following:

B. Abel-Smith, *Value for Money in Health Services* (Heinemann, 1976) £5.50; *The National Health Service: The First Thirty Years* (HMSO, 1978) (out of print, available in LSE Library); L. Garner, *The NHS: Your Money or Your Life* (Penguin, 1979) £1.25; *Report of the Royal Commission on the National Health Service*. Cmnd. 7615 Chairman, Sir Alec Merrison, (HMSO, July 1979) £8.00; P. Townsend & N. Davidson, *Inequalities in Health* (The Black Report) (Penguin, 1982) £2.50; B. Watkin, *The National Health Service: The First Phase 1948-74 and After* (G. Allen & Unwin, 1980) £4.95; J. A. Muir Gray, *Man Against Disease. Preventive Medicine* (Oxford

University Press, 1979); Christopher Ham, *Health Policy in Britain* (The Macmillan Press, 1982); R. Klein, *The Politics of Health* (Longman, 1983).

The above literature is available in the LSE Library but students will be advised which specialised libraries near to the School can also be used.

Supplementary Reading List: This is given out at the beginning of the course, and reflects the special interests of the subject lecturers.

Examination Arrangements: For undergraduates reading for a 3-year degree (B.Sc. (Econ.); B.Sc. (SS&A)) a formal three-hour written examination. The usual format requires students to answer four questions out of a choice of 14/15; all carry equal marks. For other students (General Course, Diploma) there are no formal examinations, but individual requirements for assessment are met by students sitting the formal examination or a combination of course assessment and an advance notice paper. M.Sc. students take a formal examination in the Planning of Health Services course.

SA5734

Sociology of Deviance and Control

Teacher Responsible: Dr. D. M. Downes, Room A246 (Secretary, Miss Bridget Atkinson, A267)

Course Intended Primarily for B.Sc. degree in Social Science and Administration, third year; B.Sc. (Econ.) Social Policy Option, third year; B.Sc. (Econ.) Outside Option, third Year; B.Sc. course unit.

Scope: The aim of the course is to introduce students to the major theories of deviance and control, and their relevance for social policy, with special reference to the criminal justice and penal spheres.

Syllabus: Detailed consideration is given to the major sociological perspectives on deviance and control, including Ecology and the 'Chicago School', functionalism, Marxism, cultural and sub-cultural theories, symbolic interactionism and allied approaches and 'control' theories. The emphasis throughout is upon the empirical application of these approaches to substantive areas of deviance such as various forms of crime and delinquency, mental illness and drug use. Developments and issues in the criminal justice system in Britain over the past two centuries are examined in the light of these

perspectives and comparative material from other societies.

Pre-Requisites: Introductory courses in sociological theory and social structure.

Teaching Arrangements: There is a lecture course and classes.

Lectures: So144: **Sociology of Deviant Behaviour**, given by **Dr. Downes and Dr. Rock** (Room S875; Secretary, Elaine Hartwell, A453). There are ten lectures, one per week in the Michaelmas Term only.

Classes: SA128(a) and (b). Four fortnightly classes in the Summer Term (for second year students) precede 20 weekly classes in the Michaelmas and Lent Terms of the following year (for third year students). The four Summer Term classes are of an introductory nature, and are not essential for the main course. Classes are one and a half hours long; the teacher is **Dr. Downes**.

Written Work: One essay per term is strongly recommended. One introductory paper per term is expected in class.

Reading List: There is no set text for the course, and a full reading list, covering all classes, is provided at the first class. The following is basic reading:

D. M. Downes & P. E. Rock, *Understanding Deviance*; H. Becker, *Outsiders*, 2nd edn.; A. K. Cohen, *Deviance and Control*; D. Matza, *Becoming Deviant*; I. Taylor, P. Walton & J. Young, *The New Criminology*; S. Cohen, *Folk Devils and Moral Panics*, 2nd edn.; S. Cohen & L. Taylor, *Psychological Survival*; S. Box, *Deviance, Reality and Society*; R. King & R. Morgan, *The Future of the Prison System*; R. Hood (Ed.), *Crime, Criminology and Public Policy*; E. Rubington & M. Weinberg (Eds.), *Deviance: The Interactionist Perspective*, 2nd edn.; W. G. Carson & P. Wiles (Eds.), *Crime and Delinquency in Britain*, Vols. 1 & 2.

Examination Arrangements: Students sit one three-hour examination in the Summer Term of third year. Four questions must be answered from a total of c.14.

SA5735

Social Security Policy

Teacher Responsible: David Piachaud, Room A284 (Secretary, Doreen Young, A238), and Mike Reddin, Room A281 (Secretary, Bridget Atkinson, A267)

Course Intended Primarily for B.Sc. S.S. and A. 3rd year; B.Sc. (Econ.) 3rd year; B.Sc. course unit 3rd year.

Syllabus: The ends and means of income

maintenance and social security systems with special reference to Britain: the philosophical and political issues they raise and the underlying concepts, values and assumptions. The historical development of social security legislation and policies. The definition of poverty and criteria for determining the scope and level of social security benefits. Social and economic developments and their consequences for social security policies. Alternative approaches to income maintenance.

Pre-Requisites: None.

Teaching Arrangements: Lectures (SA129)

Social Security: 15 lectures in the Michaelmas and Lent Terms that cover techniques of income maintenance; poverty; redistribution; provisions for the old, children and unemployed people; universal, selective, occupational and fiscal approaches to income support.

Classes (SA129a): 20 classes in the Michaelmas and Lent Terms.

Written Work: Class papers will be required.

Reading List: Basic reading for the course comprises:

B. B. Gilbert, *The Evolution of National Insurance in Great Britain: British Social Policy 1914-1939*; A. B. Atkinson, *Economics of Inequality*; V. George, *Social Security and Society: Social Security Beveridge and After*; J. Walley, *Social Security: Another British Failure?*; L. McClements, *The Economics of Social Security*; P. Townsend, *Poverty in the United Kingdom*.

Examination Arrangements: The examination in the Summer Term consists of a three-hour paper in which four questions have to be answered.

SA5751

Social Theory and Social Policy 1870-1918

This course will not be available in 1984-85

SA5752

General and Social Psychology Teacher Responsible: Professor D. E. G. Plowman, Room A245

Course Intended Primarily for B.Sc. Social Science and Administration, third year options 7 and 8 (i), General and Social Psychology.

Scope: To provide an introduction to elements of general, social and abnormal psychology and the study of individual differences, applied to social policy and administration, including social work.

Syllabus: This covers areas of general psychology – genetics, perception, motivation, learning, memory; social psychology – attitudes, prejudice, social interaction, behaviour in groups, intelligence and aspects of personality theory and learning theory approaches; psychological aspects of roles, socialisation, deprivation, institutionalisation and deviance; aspects of psychopathology and psychotherapy, including behaviour therapy; environmental psychology.

Pre-Requisites: None, except that it is normally limited to third-year students on the B.Sc. Social Science and Administration. Available where suitable to General Course students.

Teaching Arrangements:

Psychology and Social Administration (SA117): seminars: 7 weekly in Summer Term of second year; 22 sessional weekly in third year. **Psychology and Social Administration (SA116):** lectures: 10 weekly during Michaelmas and Lent Terms.

Introduction to Individual and Social Psychology (Ps100): background lectures, 25 sessional, in second year if possible.

Psychoanalytical Theories and Derivatives (Ps101): 6 lectures during Lent Term.

Abnormal Psychology (Ps113): 8 lectures during Michaelmas Term, optional.

Note: because of the wide range of the syllabus, considerable private reading is required.

Written Work: Normally, one formal essay to be submitted per term. Students are also expected to make verbal presentations approximately twice a term.

Reading List: There is no adequate single book to cover this course. As a minimal list, students are recommended to read chapters in:

Ann Taylor *et al.* (Eds.), *Introducing Psychology* (2nd edn.), Penguin, 1982, chapters 3, 6, 7, 10-13, 16, 19-22; H. Tajfel & C. Fraser, *Introducing Social Psychology*, Penguin, 1978, chapters 1, 3-12, 14, 16, 17; B. F. Foss (Ed.), *New Horizons in Psychology 1*,

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Penguin, 1966, chapters 2, 3, 9, 10, 14, 16, 18, 20; P. C. Dodwell (Ed.), *New Horizons in Psychology 2* (2nd edn.) Penguin, 1980, chapters 2, 6, 7, 11; B. F. Foss (Ed.), *Psychology Survey No 1*, Allen & Unwin, 1978, chapters 2, 8, 9, 11, 14; K. Connolly (Ed.), *Psychology Survey No 2*, Allen & Unwin, 1979, chapters 1, 2, 4; E. R. Hilgard, R. L. Atkinson & R. C. Atkinson, *Introduction to Psychology* (7th edn.) Harcourt Brace Jovanovich, 1979, chapters 10-18. **Note:** Not all these chapters are equally good, but between them they cover much of the background necessary, but tend to say little on the policy implications.

Supplementary Reading List: To be handed out at the beginning of the course.

Examination Arrangements: Three-hour unseen examination in the Summer Term, four questions to be answered out of (normally) 12. All questions carry equal weight. They will assume attendance at the seminar (SA117) and the two lecture courses, SA116 and Ps100, but will not assume attendance at the optional lectures.

SA5754

Race Relations and Ethnic Minority Groups

Teachers Responsible: Dr. M. I. A. Bulmer, Room A262 and Dr. J. Carrier, Room A257 (Secretary, Miss G. Grant, A240)

Course Intended Primarily for B.Sc. Social Science and Administration 3rd year; B.Sc. Sociology 2nd & 3rd years; B.Sc. (Econ.) Part II; B.Sc. course unit, outside option; optional for Diploma in Social Administration.

Scope: The paper aims to introduce students to the historical, comparative and contemporary study of the sociology of race relations, and to policy issues involving race in contemporary Britain.

Syllabus: A study of social differentiation by race or ethnicity in human societies; the nature, causes and consequences of such differentiation; the social and psychological processes involved; and the structure and dynamics of racially-differentiated and ethnically plural societies. To include: an examination of concepts and theories relating to this field; a comparative analysis of relevant structures and processes in modern industrial and other societies; study of aspects of race in contemporary Britain; and an examination of group and policy responses in racial or ethnic situations, and their research implications.

Pre-Requisites: Students taking the course should preferably have completed an introductory course in sociology. Previous work in history or social policy or social anthropology would be an advantage. **Teaching Arrangements:** There is one lecture course, and one class associated with it. Lectures: SA122; **Race Relations and Minority Groups** given by Dr. Bulmer and Dr. Carrier – one hour per week in Michaelmas Term (Dr. Bulmer) – one hour per week in Lent Term (Dr. Bulmer first 5, and Dr. Carrier last 5) – one hour per week first four weeks of Summer Term (Dr. Bulmer)

Classes: SA122(b): Classes to accompany SA122. One hour per week Michaelmas and Lent Terms and first five weeks of Summer Term. Taught by Dr. Bulmer (Michaelmas Term, first 5 Lent Term, Summer Term) and Dr. Carrier (last 5 Lent Term)

Written Work: Work will be set and marked by Dr. Bulmer or Dr. Carrier. Each student taking the course will be expected to make one verbal presentation of about 20 minutes at each of two of the twenty-four classes during the year. In addition, in the Michaelmas and Lent Terms there will be a term essay of 1500-2000 words to be handed in by the end of term.

Reading List: The following three books are basic texts recommended for student purchase: G. Bowker & J. Carrier (Eds.), *Race and Ethnic Relations: Sociological Readings*; J. Stone (Ed.), *Race, Ethnicity and Social Change*; C. Husband (Ed.), *"Race" in Britain: Continuity and Change*.

The following are additional important references, to be used where indicated on the course reading list: J. Rex, *Race Relations in Sociological Theory*; M. Banton, *Race Relations*; E. F. Frazier, *Race and Culture Contacts in the Modern World*; L. Foner & E. Genovese (Eds.), *Slavery in the New World*; A. Weinstein & F. Gattell (Eds.), *American Negro Slavery*; P. Mason, *Patterns of Dominance*; V. G. Kiernan, *The Lords of Human Kind: European Attitudes to the Outside World in the Imperial Age*; H. Tinker, *A New System of Slavery*; W. J. Wilson, *Power, Racism and Privilege*; C. S. Johnson, *The Shadow of the Plantation*; J. S. Furbivall, *Colonial Policy and Practice*; M. M. Gordon, *Assimilation in American Life*; L. P. Gartner, *The Jewish Immigrant in England, 1840-1914*; L. Rainwater, *Behind Ghetto Walls*; J. L. Collier, *The Making of Jazz*; L. Rainwater & D. J. Pittman (Eds.), *The Moynihan Report and the Politics of Controversy*; J. Rex & S. Tomlinson, *Colonial Immigrants in a British City*; D. Smith, *Racial Disadvantage in Britain*; G. Myrdal, *An American Dilemma*; W. J.

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Wilson, *The Declining Significance of Race*; E. J. B. Rose, *Colour and Citizenship*; A. N. Little, *Educational Policies for Multi-Racial Areas*; T. Lee, *Race and Residence*, The Brixton Disorders (The Scarman Report), Cmnd 8427, (Penguin); G. Bindman & A. Lester, *Race Relations and the Law*; L. L. Snyder, *The Idea of Racialism*; E. U. Essien-Udom, *Black Nationalism*; Malcolm-X, *Autobiography*; A. Sivanandan, *A Different Hunger*.

Examination Arrangements: By three-hour formal examination in the Summer Term, based on the full syllabus. A choice of questions is provided. Candidates should answer the number of questions specified, and each question carries equal marks.

SA6600

Social Policy and Economics This course is for the Diploma in Social Policy and Administration (Option 1). There are no pre-requisites.

The examination paper is divided into two sections. In each part, two questions have to be answered in one and a half hours, from a choice of six questions.

Part I: Social Policy
Teacher Responsible: Mike Reddin, Room A281 (Secretary, Bridget Atkinson, A267)

Scope: An introduction to the field of study, its range and its values. Developments in social policies since World War Two. **Syllabus:** An introduction to the field of study and its boundaries; values in social policy; the social divisions of welfare; social policy and redistribution; some public and private conflicts; research and evaluation; contemporary perspectives on social policy. Developments in British social policy since 1939. A survey of the main fields of social administration: income maintenance, education, the housing market, medical care and the personal social services.

Teaching Arrangements:

Lectures: SA103 Social Policy Sessional (Lecturers: John Carrier, Howard Glennerster, Mike Reddin)
SA102 Social Policy and Administration since the Second World War Michaelmas and Lent Terms, (Lecturers: Howard Glennerster, *et al.*)
Classes: SA103(b) Social Policy Sessional,

weekly 1½ hours. Teacher: **Mike Reddin**
The weekly classes will develop themes presented in the two main lecture courses. They will require brief introductory papers from one or more students, or participation in joint class exercises. This is likely to mean two main presentations per student per term, but active participation in discussion and preparatory reading will be expected for all classes.

Written Work: One piece of written work will be required at the end of the Michaelmas Term, and contribution to a joint project at the end of the Lent Term.

Reading List: A. Forder, *Concepts in Social Administration*; H. Glennerster, *Social Service Budgets and Social Policy*; J. Parker, *Social Policy and Citizenship*; M. Rein, *Social Policy*; R. M. Titmuss, *Social Policy: an Introduction*; D. Wedderburn, *Poverty, Inequality and Class Structure*; A. Walker, *Public Expenditure and Social Policy*; Hall, Land, Parker & Webb, *Change, Choice and Conflict in Social Policy*; G. Room, *The Sociology of Welfare*; I. Gough, *The Political Economy of the Welfare State*; A. Weale, *Social Theory and Social Policy*; R. Mishra, *Society and Social Policy*.
Supplementary Reading: Bibliographies for SA103 and SA102 will be given to students at the start of the year. A full list of classes and associated reading will be given out at the first class meeting of the year.

Part II: Economics

Teacher Responsible: David Piachaud, Room A284 (Secretary, Doreen Young, A238)

Scope: The aim is to introduce students to basic economics and its application to social issues and to the social services.

Syllabus: Basic principles of economics. Aspects of the British economy of particular relevance to social policy. The contribution of economic analysis to the understanding of social problems. Economic foundations of social services. Historical trends and recent developments in the costs and financing of social services and income maintenance programmes. The problems of allocating resources to different services.

Teaching Arrangements:

Lectures: **Social Economics** (SA130); 20 lectures from David Piachaud analysing expenditure on social services, the demand for and supply of social services, their effects, and decision-making in the social services.

Economic Aspects of British Social Services (Ec105); 10 lectures in the Michaelmas Term from Dr. Nick Barr and Professor Richard Layard on the objectives and forms of state

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activity in the social services and the economics of the principal social services.

Financing the Social Services (SA132); 10 lectures in the Lent Term from Howard Glennerster on the scale and growth of social service expenditure and the reasons for it, the means of planning and controlling spending and the finance of services in the UK; forms of grant from central government and local authority budgeting; the finance of the NHS. Optional is **Economics A2** (Ec101), an introductory course of 36 lectures from Dr. Nick Barr and Dr. Christine Whitehead, providing a foundation in economic theory. Classes: 20 classes (SA130c) with David Piachaud will provide a basic introduction to economic analysis and will back up the lectures.

Written Work: One essay and one or more class presentations will be required each term in the classes.

Reading List: Each of the lecture courses will provide its own reading list. There is a wide choice of general introductory texts. Of particular relevance to social policy are: J. LeGrand & R. Robinson, *The Economics of Social Problems*; A. B. Atkinson, *The Economics of Inequality*; A. Williams & R. Anderson, *Efficiency in the Social Services*.

SA6601

Social Structure and Psychology

Teachers Responsible: Part 1 – Dr. Marjorie Ferguson, Room A261 (Secretary, Bridget Atkinson, A267);

Part 2 – Professor D. E. G. Plowman, Room A245

Course Intended Primarily for Diploma in Social Policy and Administration, Option 1, paper 2, Social Structure and Psychology.

Part 1 – Social Structure

Scope: The paper aims to introduce students to aspects of sociology relevant to the study of social policy.

Syllabus: The application of sociology to issues of social policy in a number of fields, including education, health, housing and town planning, income distribution, the personal social services, crime and deviance.

Teaching Arrangements: There is a lecture course and associated classes.

Lectures: SA109, **Sociology and Social Policy**, given by Professor Pinker, Dr. Downes, Dr.

Ferguson, Dr. Carrier, Dr. Ramon, Dr. Levin. One hour per week, Michaelmas and Lent Terms.

Classes: SA109(b), 15 meetings of 1½ hours, Michaelmas and Lent Terms. Revision classes in Summer Term.

Written Work: will be prescribed by the class teacher.

Reading List: There is no set text for the course, and the reading list for the lectures provides the framework for the course. The following is basic reading:

R. Pinker, *Social Theory and Social Policy*; P. Marris & M. Rein, *Dilemmas of Social Reform* (2nd edn.); P. Townsend, *Sociology and Social Policy*; M. Rein, *Social Science and Public Policy*; V. George & P. Wilding, *Ideology and Social Policy*; M. Bulmer (Ed.), *Social Policy Research*.

Part 2 – Psychology

Scope: To provide an introduction to elements of general, social and abnormal psychology and the study of individual differences, applied to social policy and administration, including social work.

Syllabus: Covers areas of general psychology – genetics, perception, learning; social psychology – attitudes, prejudice, social interaction, behaviour in groups; intelligence and aspects of personality theory, including psychoanalysis, trait theory and learning theory approaches; psychological aspects of socialisation, deprivation and institutionalisation; aspects of psychopathology and psychotherapy, including behaviour therapy; environmental psychology.

Pre-Requisites: None.

Teaching Arrangements:

Lectures: Ps100, **Introduction to Individual and Social Psychology** (25, Sessional).

SA116, **Psychology in Social Administration** (10, Michaelmas and Lent Terms).

Ps101, **Psychoanalytical Theories and their Derivatives** (5, Lent Term), optional.

Ps113, **Abnormal Psychology** (8, Michaelmas Term), also optional.

Classes: SA116(b), **Psychology in Social Administration** (classes): 15 classes of 1½ hours, Michaelmas and Lent Terms. Revision classes in the Summer Term.

Written Work: Normally one formal essay per term (Michaelmas and Lent Terms) to be submitted. Students are also expected to make verbal presentations approximately twice a term.

Reading List: There is no adequate single book to cover this course. As basic reading, students are recommended to read chapters in some of,

Ann Taylor *et al.* (Eds.), *Introducing*

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Psychology (2nd edn.) Penguin, 1982, chapters 3, 10-13, 19-22; H. Tajfel & C. Fraser, *Introducing Social Psychology*, Penguin, 1978, chapters 4-12, 16, 17; B. F. Foss (Ed.), *New Horizons in Psychology 1*, Penguin, 1966, chapters 2, 3, 9, 14, 18, 20; P. C. Dodwell (Ed.), *New Horizons in Psychology 2* (2nd edn.) Penguin, 1980, chapters 2, 6, 7, 11; B. F. Foss (Ed.), *Psychology Survey No 1*, Allen & Unwin, 1978, chapters 10, 14; K. Connolly (Ed.), *Psychology Survey No 2*, Allen & Unwin, 1979, chapters 1 and 2; M. Jeeves (Ed.), *Psychology Survey No 3*, Allen & Unwin, 1980, chapter 8; E. R. Hilgard, R. L. Atkinson & R. C. Atkinson, *Introduction to Psychology* (7th edn.) Harcourt Brace Jovanovich, 1979, chapters 12-16, 18.

Note: Not all these chapters are equally good, but between them they cover much of the background necessary; they tend to say little on the policy implications.

Supplementary Reading List: To be handed out at the beginning of the course.

Parts 1 and 2 Examination Arrangements: The examination paper is divided into two sections. In each part two questions have to be answered in 1½ hours, from a choice of six questions. The Psychology examination will assume attendance at the classes SA116(a) (ii) and the two lecture courses, Ps100 and SA116, but will not assume attendance at the optional lectures.

SA6610

Social Policy

Teacher Responsible: Mike Reddin, Room A281 (Secretary, Bridget Atkinson, A267)

Course Intended Primarily for Diploma in Social Policy and Administration Option II.

Scope: The range of theoretical approaches to social policy, and the economic and social impact of such policies.

Syllabus: Social policy is concerned with the attempts of government and other collective agencies to affect the welfare of individuals and groups. This course centres on social policy in Britain and other industrialised societies analysed conceptually, historically and comparatively from the perspectives of the different social science disciplines.

It looks at the application of models to the British welfare system and deals with political ideologies and philosophical ideas underlying choices in social policy; freedom and authority; rights and duties; law and discretion; justice and punishment. It considers the concepts of need, rationing and

resource allocation particularly in the field of public expenditure. It looks at the distributive and redistributive impact of policies and at the varied forms of State intervention in the mixed economy of welfare.

Pre-Requisites: None.

Teaching Arrangements: The weekly lectures (SA103) are followed by 1½ hour classes. The lectures are shared between three lecturers, **John Carrier, Howard Glennerster and Mike Reddin**. Each of these teachers is responsible for all the classes on a termly basis.

Lectures: SA103: Twenty-five lectures, Sessional

Classes: SA103(b).

Written Work: One or more students will normally be required to make a brief introduction to the class: each student is likely to have to prepare one such introduction per term. It is expected that students will actively participate in discussion in all classes. Each student will be required to submit a piece of written work to the class teacher at the end of the Michaelmas and Lent Terms.

Reading List: R. M. Titmuss, *Problems of Social Policy; The Gift Relationship; Social Policy: An Introduction*; R. A. Pinker, *Social Theory and Social Policy; The Idea of Welfare*; P. Hall et al., *Change, Choice and Conflict in Social Policy*; M. Hill, *The State Administration and the Individual*; W. A. Robson, *The Welfare State and Welfare Society*; J. R. Hay, *The Origins of the Liberal Welfare Reforms, 1906-1914*; H. Glennerster, *Social Service Budgets and Social Policy*; J. Rawls, *A Theory of Justice*; W. G. Runciman, *Relative Deprivation and Social Justice*; D. Miller, *Social Justice*; R. Mishra, *Society and Social Policy, The Crisis in the Welfare State*; Graham Room, *The Sociology of Welfare*; Ian Gough, *The Political Economy of the Welfare State*; R. Plant et al., *Political Philosophy and Social Welfare*; K. Banting, *Poverty, Politics and Policy*; M. Adler & S. Asquith, *Discretion and Welfare*; P. Taylor-Goodby & J. Dale, *Social Theory and Social Welfare*; J. Higgins, *States of Welfare*; M. Brown & N. Madge, *Despite the Welfare State*; A. Weale, *Social Theory and Social Policy*.

Supplementary Reading List: Full bibliographies will be given to students at the start of each term.

Examination Arrangements: Students sit one three-hour examination in the Summer Term. They are required to answer four questions.

SA6611 Social Policy and Administration

Teacher Responsible: Mike Reddin,
Room A281 (Secretary, Bridget
Atkinson, A267)

Course Intended Primarily for Diploma in
Social Policy and Administration.

Scope: An introduction to the field of study,
its range and its values. Developments in
social policies since World War Two.

Syllabus: An introduction to the field of study
and its boundaries; values in social policy; the
social divisions of welfare; social policy and
redistribution; some public and private
conflicts; research and evaluation;
contemporary perspectives on social policy.

Developments in the social policy since 1939.
A survey of the main fields of social
administration: income maintenance,
education, housing, medical care and the
personal social services.

Pre-Requisites: None.

Teaching Arrangements:

Lectures: SA103 **Social Policy** Sessional
(Lecturers: **John Carrier, Howard Glennerster,
Mike Reddin**)

SA102 **Social Policy and Administration** since
the Second World War Michaelmas and Lent
Terms, (Lecturers: **Howard Glennerster, et al.**)
Classes: SA103(b) **Social Policy** Sessional,
weekly, 1½ hours. Teacher: **Mike Reddin**.

The weekly classes will develop themes
presented in the two main lecture courses.
They will require brief introductory papers
from one or more students, or participation in
joint class exercises. This is likely to mean two
main presentations per student per term, but
active participation in discussion and
preparatory reading will be expected for all
classes.

Written Work: One piece of written work will
be required at the end of the Michaelmas
Term, and contribution to a joint project at
the end of the Lent Term.

Reading List: A. Forder, *Concepts in Social
Administration*; H. Glennerster, *Social Service
Budgets and Social Policy*; J. Parker, *Social
Policy and Citizenship*; M. Rein, *Social Policy*;
R. M. Titmuss, *Social Policy: an Introduction*;
D. Wedderburn, *Poverty, Inequality and Class
Structure*; A. Walker, *Public Expenditure and
Social Policy*; Hall, Land, Parker & Webb,
Change, Choice and Conflict in Social Policy;
G. Room, *The Sociology of Welfare*; I.
Gough, *The Political Economy of the Welfare
State*; A. Weale, *Social Theory and Social
Policy*; R. Mishra, *Society and Social Policy*.
Supplementary Reading List: Bibliographies
for SA103 and SA102 will be given to

students at the start of the year. A full list of
classes and associated reading will be given
out at the first class meeting of the year.

Examination Arrangements: An advance notice
examination, involving selection of an essay
topic from a list of six titles distributed to
students early in the Summer Term. Students
then have two weeks in which to present a
5,000 word essay.

SA6615

The Development of British Social Policy

Teacher Responsible: Mr. H.
Glennerster, Room A279 (Secretary,
Doreen Young, A238)

Course Intended Primarily for Diploma in
Social Policy and Administration, Option II.

Scope: Developments in social policy since
1939 in Britain, set against the economic,
political and social changes of the period.

Syllabus: An examination of developments in
the evolution of social policy since 1939. A
survey of the main fields of social policy,
income redistribution and social security,
education, housing, medical care and the
personal social services.

Pre-Requisites: None.

Teaching Arrangements: Lectures (SA102) are
followed by 1½-hour classes (SA102b). There
will be six lectures, each covering a separate
field of social policy, after an introduction to
the political and economic background to the
period.

Written Work: One or more students will
normally be required to make a brief
introduction to the class: thus, each student is
likely to have to prepare one such
introduction per term. It is expected that
students will be required to submit a piece of
written work to the class teacher at the end of
the Michaelmas and Lent Terms.

Reading List: M. Brown, *Introduction to Social
Administration in Britain* (Hutchinson); T. H.
Marshall, *Social Policy*; W. D. Birrell et al.
(Eds.), *Social Administration* (Penguin); P.
Hall, H. Land, R. Parker & A. Webb,
Change, Choice and Conflict in Social Policy
(Heinemann); J. Parker, *Social Policy and
Citizenship*; D. V. Donnison et al., *Social
Policy and Administration Revisited* (Allen &
Unwin); R. M. Titmuss, *Essays on the Welfare
State* (Allen & Unwin); *Commitment to
Welfare*; P. Thane, *The Foundations of the
Welfare State*; H. Glennerster (Ed.), *The
Future of the Welfare State*.

Supplementary Reading List: A full reading list
and a course synopsis is given out at the first
lecture.

Examination Arrangements: Students sit one
three-hour examination in the Summer Term.
They are required to answer four questions.

SA6630

Social Policy and Administration

Teachers Responsible: (for day
seminar) **Professor B. Abel-Smith**,
Room A243 (Secretary, Liz Carr,
A244), and **Professor R. A. Pinker**,
Room A237 (Secretary, Liz Carr,
A244)

(for evening seminar) **Mr. H.
Glennerster**, A279 (Secretary,
Elizabeth Plumb, A280)

Course Intended Primarily for M.Sc. in Social
Administration and Social Work Studies,
Option 1 (Social Policy and Planning).

Students on this degree must take either this
paper or the **Social Planning** (SA152) paper.
Both can be taken.

Scope: Broad themes affecting social policy in
Britain and other advanced industrial
societies; administrative issues largely
focussing on Britain as an example. (For a
distinction between the content of this paper
and that of **Social Planning**, see the study
guide for **Social Planning**.)

Syllabus: The formation and development of
social policy. The evolution of aims and
principles in relation to the growth of social
welfare, fiscal welfare and occupational
welfare. The problems of redistributive justice
and ethical issues in social policy. The
assessment of the effects of the social services
and social policies. Concepts of need and
social welfare. The contributions made by
political, professional and charitable bodies to
the development of collective action to
promote social welfare. The structure,
functions and forms of administration of
social services provided by the state,
charitable institutions and employers.

This course will be concerned in general terms
with special branches of the social services
covered by other papers, eg social security,
medical care and the welfare services. It will
take account of historical developments and
include, where appropriate, comparative
developments in other countries, and focus on
current policy questions.

Pre-Requisites: None.

Teaching Arrangements: 25 weekly seminars (SA151) throughout the session. Students prepare papers for discussion. Lecture course SA103 is particularly relevant for students who have no background in British Social Policy and is designed to complement the subjects treated in the seminars. Lecture course SA102, on **Social Policy and Administration since the Second World War**, provides a basic introduction to the institutions of the British welfare state.

Reading List: Some introductory texts are: T. H. Marshall, *The Right to Welfare*; *Social Policy*; J. Harris, *Sir William Beveridge: a Biography*; D. V. Donnison, *Social Policy and Administration Revisited*; P. Townsend, *Sociology and Social Policy*; R. M. Titmuss, *Essays on the Welfare State*; J. Higgins, *State of Welfare*; T. Wilson & D. Wilson, *The Political Economy of the Welfare State*; I. Gough, *Political Economy of the Welfare State*; M. Brown & N. Madge, *Despite the Welfare State*.

A full bibliography will be handed out with the programme of seminar topics.

Examination Arrangements: There is a written formal three-hour examination in June. Three questions must be answered.

SA6631

Social Planning

Teacher Responsible: Howard

Glennerster, Room A279 (Secretary, Elizabeth Plumb, A280)

Course Intended Primarily for M.Sc. in Social Administration and Social Work Studies, Option 1 (Social Policy and Planning) and for students taking the M.Sc. in Operational Research. Students on the former must take either this paper or the paper, **Social Policy and Administration** (SA151). They can take both, see below.

Scope: The **Social Planning** course is complementary to and quite distinct from **Social Policy and Administration**. It does not deal with the broader philosophical issues of social policy's place in society or with policy issues as such. Instead, it is concerned with the methodologies that are relevant to the analysis of policy issues, and in determining priorities in resource allocation. It will consider theories of administrative decision-making and their relevance to social planning, look at the application of quantitative techniques to measuring demands and needs, at the use of cost-benefit analysis and programme evaluation. Students will gain

most from the course if they have a sound background in economics and statistics. It is particularly relevant to those working in research and development sections of local authority departments or in administrative posts in the public sector. For overseas students, who do not want to specialise too deeply in British institutional issues the course can be productively combined with that in **Social Policy and Administration**.

It begins by discussing theories and methodologies in the first term, and then goes on in the second and third terms to work through a series of case studies drawn from actual examples of social planning at national and local levels.

Pre-Requisites: None.

Teaching Arrangements: Weekly two-hour seminars for 25 weeks throughout the session (SA152). During the Michaelmas Term the seminars will be introduced by one of the teachers. During the rest of the session students will present papers. The seminars of **Social Policy Research** (SA153) are also necessary to the course, and will cover methodological aspects of topics raised in the social planning seminars.

Reading List: The following are some key texts but a comprehensive reading list will be handed out with the programme of seminar topics. These books should be bought if possible.

J. K. Friend & N. Jessup, *Local Government and Strategic Choice*; J. Midgley & D. Piachaud (Eds.), *The Fields and Methods of Social Planning*; H. Glennerster, *Planning for Priority Groups*; T. Booth, *Planning for Welfare*; M. Carley, *Rational Techniques in Policy Analysis*.

Examination Arrangements: There is a three-hour formal written examination in June. Three questions must be answered.

SA6632

Public Policy Analysis

Teacher Responsible: Jonathan

Rosenhead, Room S113. (Secretary, Hazel Rice, Room S108).

Course Intended Primarily for M.Sc. in Operational Research (for which it contributes the equivalent of two half-unit papers).

Scope: This course is concerned with the methodologies relevant to the analysis of policy issues, and to the determination of priorities in public resource allocation. The first term will explore in general terms

(though with examples of both techniques and application areas) the ways in which quantitative analysis impinges on decision-making by governmental agencies. The remainder of the course will be based on case studies drawn from actual examples of social planning at national and local levels.

Pre-Requisites: None.

Teaching Arrangements: Weekly two-hour seminars for 25 weeks throughout the session (SA152). The seminars are shared with students taking the paper in **Social Planning** (SA6631). During the Michaelmas Term the seminars will be introduced by one of the teachers. During the rest of the session students will present papers.

Reading List: The following are some key texts but a comprehensive reading list will be handed out with the programme of seminar topics. A. Faludi, *Planning Theory*; J. K. Friend & J. Jessup, *Local Government and Strategic Choice*; H. Glennerster, *Planning for the Priority Groups*; T. Booth, *Planning for Welfare*; M. Carley, *Rational Techniques in Policy Analysis*.

Examination Arrangements: There is a three-hour formal written examination in June on which 50% of the assessment of the course is based. Three questions must be answered. The remainder of the assessment of the course is based on an extended essay, the topic of which must be agreed with the course teachers.

SA6640

Planning of Health Services (Seminar)

Teacher Responsible: Professor Brian Abel-Smith, Room A243 (Secretary, Liz Carr, A244)

Course Intended Primarily for M.Sc. Social Policy and Planning; M.Sc. Sociology (Medical Sociology). This course will be offered only if there is a sufficient number of students.

Scope: The aim of the course is to enable students studying for the M.Sc. in Social Policy and Planning to apply social planning theories and methods to the provision of health services. To this end, a wide variety of social science disciplines are drawn upon, and a comparative approach is emphasised. The main examples used in the course are health service arrangements in the USA and Western Europe, and the NHS in England and Wales. Students reading for the M.Sc. in Sociology also join this seminar.

Syllabus: The development and structure of health services; the social demographic and economic factors relevant to planning health services; models of funding medical care; the evaluation of medical care services; cross cultural comparisons of medical care systems. Conceptions of health and disease; the sick role; doctor/patient relationship and communication; patient utilisation of services; the health professions; their education and inter-relationship; the sociology of hospitals and other medical organisations.

Pre-Requisites: Graduates with a first or good second honours degree in one of the social sciences who are interested in applying social science theory and method to the analysis of health service planning. Some experience working and/or carrying out research in a public agency would be an appropriate but not necessary background.

Teaching Arrangements: Attendance at the course of 20 lectures in **Health Policy and Administration** (SA126) is essential. There are also 24 seminars which support the above course (SA154). Each seminar is of 2 hours duration. They begin in the Michaelmas Term and continue into the Summer Term.

Seminars are organised by teachers, on the topics in which they have a specialised interest. For each seminar, one student or a group of students prepares a written paper on the subject for discussion and all others prepare themselves by consulting the relevant literature. Students will be expected to produce at least one seminar paper for the course (or more depending on the number who enrol). Several hours of private study are expected in the presentation for seminars each week, whether or not the student is presenting a paper.

Written Work: As well as seminar papers, students may be expected to produce essays of at least 1500 to 2000 words each for one of the seminar teachers during the course. Individual teachers will comment separately upon this work and also upon a finished seminar paper.

Reading List: The reading list below is the minimum necessary reading for this course. Specialised reading for seminar topics will be given out by lecturers responsible for particular aspects of the course.

Starred items* should be bought if possible.

*B. Abel-Smith, *Value for Money in Health Services* (Heinemann, 1976) £5.50; *The National Health Service: The First Thirty Years* (HMSO, 1978) (out of print; available in LSE Library); Douglas E. Ashford, *Comparing Public Policies: New Concepts and Methods* (Sage, 1980); G. Bevan *et al.*, *Health Care:*

Priorities and Management (Croom Helm, 1980); N. W. Chaplin, *Health Care in the United Kingdom* (Huer Medical, 1982); H. Fabrega, *Disease and Social Behaviour* (M.I.T., 1974); I. Illich, *Medical Nemesis* (Calder and Boyars, 1975); D. Mechanic, *The Growth of Bureaucratic Medicine* (J. Wiley, 1976); *Report on the Royal Commission in the National Health Service*, Cmnd. 7615, Chairman, Sir Alec Merrison (HMSO, July 1979); P. Townsend & N. Davidson, *Inequalities in Health* (The Black Report) (Penguin, 1982) £2.50; *B. Watkins, *The National Health Service: The First Phase and After* (G. Allen & Unwin, 1980) £4.95; J. A. Muir Gray, *Man Against Disease. Preventive Medicine* (Oxford University Press); Christopher Ham, *Health Policy in Britain* (The Macmillan Press, 1982). The above literature is available in the LSE Library, but students will be advised which specialised libraries near to the School can also be used.

Supplementary Reading List: This is given out at the beginning of the course and reflects the special interest of the subject lecturers.

Examination Arrangements: The examination is by way of sitting a formal, three hour, unseen paper, answering 3 questions from a choice of twelve to fifteen questions. Each question carries equal marks.

SA6641

Income Maintenance and Social Security Policies

Teachers Responsible: David Piachaud, Room A284 (Secretary, Doreen Young, A238) and Mike Reddin, Room A281 (Secretary, Bridget Atkinson, A267)

Course Intended Primarily for M.Sc. in Social Administration and Social Work Studies Option I (Social Policy and Planning). This course will be offered if there is a sufficient number of students.

Syllabus: The course analyses income maintenance and social security policies defined broadly to include not only national insurance and social assistance provisions but also fiscal, occupational and private provisions that maintain incomes. Definitions and measurements of need and poverty are reviewed. Economic and financial aspects of social security are considered, as is the impact of social security on social and economic behaviour. A comparative approach is

adopted where appropriate.

Pre-Requisites: There are no pre-requisites for the course.

Teaching Arrangements: Teaching comprises lectures and seminars.

Lectures: There are 15 lectures (SA129) in the Michaelmas and Lent Term that cover: approaches to income maintenance; poverty; redistribution; provisions for the old, children and unemployed people; universal, selective, occupational and fiscal approaches to income support. (These lectures are open to all). **Seminar:** The seminar (SA155) will hold 25 weekly meetings spread over the three terms. It is the main arena for teaching for the M.Sc. In the first term the seminar will pursue the same topics as the lectures. In the second and third terms the seminar will cover (subject to meeting the interests of members as far as possible): political and economic dimensions of income maintenance; the inter-relationship of tax and benefit systems; the role of funded insurance systems; the administration of social security and problems of equity and discretion; work incentives; manpower policies; provisions for a wide range of contingencies; comparative income maintenance systems.

Written Work: Seminar members will be expected to make regular presentations to the seminar, usually two per term.

Reading List: Basic reading for the course comprises B. B. Gilbert, *The Evolution of National Insurance in Great Britain*; *British Social Policy 1914-1939*; B. Abel-Smith & P. Townsend, *The Poor and the Poorest*; J. F. Harris, *Beveridge: A Biography*; A. B. Atkinson, *Economics of Inequality*; V. George, *Social Security and Society*; *Social Security: Beveridge and After*; L. McClements, *The Economics of Social Security*; J. Schultz et al., *Providing Adequate Retirement Income*; A. Heidenheimer et al., *Comparative Public Policy*; P. Townsend, *Poverty in the United Kingdom*; Sir John Walley, *Social Security: Another British Failure?*

A wide range of additional reading for specific topics will be given at the start of the course.

Examination Arrangements: The examination in the Summer Term consists of a three-hour paper in which three questions have to be answered.

SA6642

Planning of Personal Social Services

Teacher Responsible: Sally Sainsbury, Room A250 (Secretary, Doreen Young, A238)

Course Intended Primarily for M.Sc. in Social Administration and Social Work Studies, Option 1 (Social Policy and Planning). This course will be offered only if there is a sufficient number of students.

Scope: The course will focus primarily on personal social services in Britain, although there is a comparative component.

Syllabus: The evolution of the local authority social services departments. Problems of policy, organisation, staffing, and inter-agency coordination. Needs, demand and supply: theories about their determinants and inter-relationship. Social deviance and concepts of community welfare. Aims, objectives and evaluation in personal social services. The application of planning to personal social services provision.

Pre-Requisites: None.

Teaching Arrangements: Weekly seminars accompanied by an optional lecture course. Seminars - SA156, 10 Michaelmas Term, 10 Lent Term, 5 Summer Term.

Option lectures - SA123, 10 Michaelmas Term.

Written Work: Students are expected to prepare papers for discussion in seminars.

Reading List: The following are useful introductory texts.

P. Townsend, *The Last Refuge*. RKP, 1962; K. Jones, *History of the Mental Health Service*, RKP, 1972; E. Sainsbury, *Personal Social Services*. Pitman, 1977; J. Heywood, *Children in Care*. RKP, 1959; *Report of the Committee on Local Authority and Allied Personal Social Services* (Seebohm), Cmnd. 3703, 1968; B. M. Rodgers & J. Stevenson, *New Portrait of Social Work*, OUP, 1973; B. Davies, *Social Needs and Resources in Local Services*. Michael Joseph, 1968.

Full bibliographies will be provided with the programme of seminar topics.

Examination Arrangements: There is a three-hour formal examination in June. Three questions must be answered.

SA6643

Housing and Urban Planning

Teacher Responsible: Dr. Peter Levin, Room A251

Course Intended Primarily for M.Sc. in Social Administration and Social Work Studies Option 1 (Social Policy and Planning). Also open to students taking the M.Sc. in Regional and Urban Planning Studies. This course will be offered only if there is a sufficient number of students.

Scope: The course deals mainly with housing and urban planning in England and Wales, though there is a comparative component.

The subject is a very complex one: there have been frequent shifts of policy in recent years, there are numerous institutions in the field, and there are many and subtle inter-connections between different parts of "the system", eg between public and private sectors and between central government and local.

The course aims to equip students to unravel these complexities, without getting bogged down in minutiae. It does this by adopting an issue-oriented approach, ie by taking certain issues and exploring what lies behind them.

This approach allows for choice among a wide range of topics for seminars: the actual programme will be decided in consultation with the members of the seminar.

Syllabus: Analysis of housing and urban planning issues in Britain. The changing structure of the housing market, the roles of the local authority, private rented and owner-occupied sectors, and of alternative forms of tenure; the problem of access to housing. Housing finance issues: subsidies, rent control, income support. The problems of vulnerable groups and localities: slums, overcrowding, homelessness, the treatment of ethnic minorities. The problem posed by older housing: redevelopment and rehabilitation and their social and economic effects. Community development and other policies for inner urban areas. The distributional consequences of physical planning and urban management. New towns and town development schemes and their effect on "exporting" cities. Decision-making and public involvement in planning; tenant management: the roles of the professional and politician.

Pre-Requisites: None.

Teaching Arrangements: Weekly seminars (SA157) of 1½ hours duration. Students are expected to take it in turn to open the discussion with a prepared paper. A reading list is supplied for each topic.

Students may also attend the lecture course SA125 (10 lectures in the Michaelmas Term).

Introductory Reading List: K. Bassett & J. Short, *Housing and Residential Structure*; J. B. Cullingworth, *Essays on Housing Policy*; D. V. Donnison & C. Ungerson, *Housing Policy*; P. Hall (Ed.), *The Inner City in Context*; G. Kirk, *Urban Planning in a Capitalist Society*; S. Lansley, *Housing and Public Policy*; P. Lawless, *Britain's Inner Cities*; A. Murie et al., *Housing Policy and the Housing System*.
Examination Arrangements: There is a three-hour formal written examination in June. Three questions must be answered.

SA6644

Education Policies and Administration

Teacher Responsible: Dr. M.

Ferguson, Room A261 (Secretary, Miss Bridget Atkinson, A267)

Course Intended Primarily for M.Sc. in Social Administration and Social Work Studies, Option 1 (Social Policy and Planning). This course will be offered only if there is a sufficient number of students.

Scope: The course covers the politics of education; education decision-making at central, local and institutional levels; the finance of education, current practice and alternatives. The course aims to deal with both the economic and sociological aspects of the subject. Part of the session is left open so that topics can be arranged to fit in with the particular interests of the group.

Syllabus: The development of education policy and administration since 1918. The structure and relationships of the administrative organisation responsible for maintained schools, the system of higher and further education and the independent schools. The recruitment, training and deployment of teachers. An introduction to the problems of educational planning and finance.

Pre-Requisites: None.

Teaching Arrangements: Weekly seminars through the session (SA158). Students will be expected to prepare papers for discussion.

Reading List: The following are some key texts. Detailed bibliographies will be given out with the seminar programme.

J. Karabel & A. H. Halsey (Eds.), *Power and Ideology in Education*; W. K. Richmond, *Education in Britain since 1944*; G. Baron & W. Taylor (Eds.), *Educational Administration and the Social Sciences*; R. Jennings, *Education and Politics*; P. W. Musgrave, *Society and Education in England since 1800*; T. Burgess, *A Guide to English Schools*; C. Baxter, P. J. O'Leary & A. Westoby (Eds.), *Economics and Education Policy*; A. H. Halsey,

A. F. Heath & J. M. Ridge, *Origins and Destinations*; J. Eggleston (Ed.), *Contemporary Research in the Sociology of Education*; W. Taylor (Ed.), *Research Perspectives in Education*.

Examination Arrangements: There is a three-hour formal written examination in June. Three questions must be answered.

Introduction to the Study Guides

M.Sc. in

Social Work Studies (Option 2)

AND

M.Sc. in Social Policy and Social Work Studies (Option 3)

The courses combine studies for a higher degree with those aimed at a professional qualification in social work. These two aspects of study are seen as interdependent and are therefore combined in lecture courses, seminars, classes and tutorials. Students are expected to spend approximately fifty per cent of their time in approved fieldwork placements under the supervision of designated practice teachers. These placements run concurrently with academic work, and students' performance in them is assessed as an essential part of the overall result. Great importance is attached to both the closeness of the links between learning in fieldwork and at the School, and also to individual tutorials. All these aspects of the course are reflected in the final examinations. In addition to three unseen papers students are required to submit a long essay of between 7,000 and 10,000 words, which must be on a subject related to current fieldwork experience. Students are expected to demonstrate an ability to relate the theoretical exploration of their chosen topic to its practical application to a particular area of social work practice.

SA6680

Theories and Practice of Social Work

Teacher Responsible: Rose Rachman, Room A271 (Secretary, A244)

Course Intended Primarily for M.Sc. in Social Policy and Social Work Studies (Option 3).
Scope: These courses have a dual aim. They seek to help students attain a sound grasp of the theoretical knowledge underpinning social work and at the same time to equip them with the basic social work practice knowledge and skills necessary for the beginning practitioner. The two Social Work practice courses include both introductory and advanced level teaching for the newly qualified practitioner.

Syllabus: The role of social work in contemporary society. The impact of public attitudes, social policies and legislation. Value orientations underlying social work and their relationship to professional ethics. Social control, social caring and social change. The knowledge-base of social work. Genericism and specialism. The nature of the social work process and various ways of conceptualising it. Functions of different social service agencies in which social work is carried out. The nature of the professional relationship. Communication in social work. Goal setting. Recording. The nature of social work with different client groups. Direct and indirect work with clients. Principles and practice of collaboration within various contexts. The impact of psycho-analytic theory, self-theories, ego psychology, learning theory on models of practice. Differential approaches in relation to agency function and client groups, e.g. crisis intervention, task-centred and time-limited work, behavioural therapy, marital and family therapy. The nature of therapeutic relationships and the social context of interviews. Evaluation and research in social work practice. Students will be expected to bring illustrations from their practical supervised experience in the field, for analysis and discussion. Some case material will be supplied to illustrate work with children, adolescents, elderly persons, those who are depressed; instances of child abuse and of aggressive clients; particular attention will also be given to residential care; fostering, adoption and to direct work with children.

Pre-Requisites: No previous knowledge of the subject is assumed.

Teaching Arrangements:

First Year:
 SA302 *Perspective on Social Problems*, 15 lectures, Michaelmas and Lent Terms
 SA318 *Introduction to Social Work*, 10

lectures, Michaelmas Term
 SA319 *Social Work Practice*, 25 seminars, Sessional
 Other courses of relevance include:
 SA314 *Social Work Legislation*, 6 lectures, Summer Term
 SA320 *Psychology and Social Work*, 25 lectures, Sessional
 SA321 *Psychology and Social Work Seminars*, 15 seminars, Sessional
 SA322 *Social Research*, 8 lectures, Michaelmas Term
 SA322a *Social Research Seminars*, 20 seminars, Sessional
 SA323 *Issues in Social Policy and Administration Seminars*, 14 seminars, Sessional
 SA324 *Sociology and Social Welfare*, 10 seminars, Michaelmas and Lent Terms.
Reading List: No single book covers the entire syllabus. Reading list and guidance are provided at the start of the course.
Examination Arrangements: One three-hour formal examination in the Summer Term of the second year of the M.Sc. course. Three questions are to be attempted – at least one from Part One (Psychology) and one from Part Two (Human Growth and Behaviour). The remaining question can be chosen from either part.

SA6681

Psychology, Human Growth and Behaviour

Teacher Responsible: Mr. D. B. Cornish, Room A262 (Secretary, A244)

Examination and Component Courses Intended for M.Sc. Social Policy and Social Work Studies.

Scope: The aim of this group of courses is to provide social work students with a basic grounding in theories and research relating to normal and abnormal human development and behaviour throughout the lifespan; and to examine the application of this material to professional social work practice.

Syllabus: The core courses in this subject field are *Human Growth and Behaviour*, *Psychology*, *Theories in Clinical Psychiatry*, *Child Psychiatry* and *Mental Handicap*. The syllabus will include the following topics: Development before birth; Early neonatal development
 Early social and emotional behaviour.
 Attachment and bonding. Cognitive development. Moral development. Language development. Play. Family structures and relationships. The child in the school.

Abnormalities in development; physical, psychiatric, emotional and behavioural disorders. Adoption, fostering, children in care. The transition from adolescence to adult life. The physical, cognitive, emotional and social aspects of adulthood and the critical life stages and events: young adulthood; work; marriage; parenthood; middle age; old age; loss; bereavement; death; disability.

Basic principles of child psychiatry. The causes, nature and epidemiology of mental handicap. An introduction to personality theories and their relevance to social work practice; psychodynamic and behavioural approaches; social skills training; person perception; environmental psychology.

Pre-Requisites: No previous knowledge of the subject field is required.

Teaching Arrangements: Lectures and Seminar courses for this paper are as follows:

First Year:

SA302 **Perspectives on Social Problems**, 15 lectures, Michaelmas and Lent Terms

SA316 **Social Work Practice**, seminars, Sessional

SA320 **Psychology and Social Work**, 20 lectures, Michaelmas and Lent Terms

SA321 **Psychology and Social Work** seminars, 12 seminars, Michaelmas and Lent Terms

Second Year:

SA303 **Human Growth and Behaviour**, 20 lectures, Michaelmas and Lent Terms

SA305 **Clinical Psychiatry**, 10 lectures, Lent Term

SA306 **Child Psychiatry**, 10 lectures, Lent Term

SA307 **Mental Handicap**, 4 lectures, Lent Term

SA312 **The Social Work Electives**, 15 seminars, Michaelmas and Lent Terms

SA315 **Social Work Studies**, 27 seminars, Sessional

Some of the above courses, or parts thereof, are provided by outside speakers with particular expertise in the field.

Written Work: See above (tutorials). In addition, students will be expected to prepare papers for seminar courses.

Reading List: No one book covers the entire syllabus. Students are advised to consult the reading list provided by those responsible for individual courses.

Examination Arrangements: One three-hour formal examination in the Summer Term of the second year of the M.Sc. course. Three questions are to be attempted – at least one from Part One (Psychology) and one from Part Two (Human Growth and Behaviour). The remaining question can be chosen from either Part.

Social Work Studies

Teacher Responsible: Zofia Butrym, Room A253 (Secretary, A244)

Courses Intended Primarily for M.Sc. in Social Work Studies, Option 2.

Scope: These courses have a dual aim. They seek to help students attain a sound grasp of the theoretical knowledge underpinning social work and at the same time to equip them with the basic social work practice knowledge and skills necessary for the beginning professional practitioner.

Syllabus: The role of social work in contemporary society. The impact of public attitudes, social policies and legislation. Value orientations underlying social work and their relationship to professional ethics. Social control, social caring and social change. The knowledge of social work. Genericism and specialism. The nature of the social work process of study, assessment and helping and the various ways of conceptualising it. The impact of psychoanalytic theory, self-theories, ego psychology, learning theory on models of practice. Differential approaches in relation to agency function and client groups, e.g. crisis intervention, task-centred and time-limited work, behavioural therapy, marital and family therapy. The nature of therapeutic relationships and the social context of interviews. Evaluation and research in social work practice. Students will be expected to bring illustrations from their practical supervised experience in the field, for analysis and discussion. Some case material will be supplied to illustrate work with children, adolescents, elderly persons, those who are depressed; instances of child abuse and of aggressive clients; particular attention will also be given to residential care; fostering, adoption and to direct work with children.

Pre-Requisites: A first degree in the social sciences and at least one year's employment in social work.

Teaching Arrangements:

SA315 **Social Work Studies**, 25 weekly seminars.

SA316 **Social Work Practice**, 25 weekly seminars.

Other courses of relevance include:

SA302 **Issues and Problems in Society**, 15 lectures, Michaelmas and Lent Terms.

SA303 **Human Growth and Behaviour**, 20 lectures, Michaelmas and Lent Terms.

SA305 **Themes in Clinical Psychiatry**, 10 lectures, Michaelmas Term.

SA306 **Child Psychiatry**, 10 lectures, Lent Term.

SA6700

SA307 **Mental Handicap**, 4 lectures, Summer Term.

SA308 **Probation Practice and Policy**, 10 seminars, Michaelmas Term.

SA309 **Group Processes and Group Work**, 15 lectures, Michaelmas and Lent Terms.

SA311 **Social Policy and Administration**, 15 lectures, Michaelmas and Lent Terms.

SA312 **Social Work Electives**, 15 seminars, Michaelmas and Lent Terms.

SA313 **Law, Rights and Social Work**, 12 lectures, Lent Term.

SA314 **Social Work Legislation**, 6 lectures, Summer Term.

SA317 **Issues in Social Policy**, 15 seminars, Michaelmas and Lent Terms.

SA320 **Psychology and Social Work**, 10 lectures, Michaelmas Term.

SA326 **Innovation in Social Work**, 6 lectures, Summer Term.

Reading Lists: No single book covers the syllabus. Reading Lists and guidance are provided at the start of the courses.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus for the courses listed and teaching in both fieldwork and tutorials as described in the Introduction to the M.Sc. Study Guides. Candidates must attempt to answer three out of ten questions and one-third of the marks are awarded for each of the three answers.

SA6701

Social Problems and Social Services

Teacher Responsible: Professor R. A. Pinker, Room A237 (Secretary, A244)

Course Intended Primarily for M.Sc. in Social Work Studies — Option 2 (one year).

Scope: The aim of the course is to bring students up to date on recent developments in social service provision and in the literature of social policy and administration.

Syllabus: The boundaries of social policy and administration as a field of study and its relevance to social work. A review of post war developments. Recent developments in relations between central and local government, the finance of the social services, social security and the social division of welfare, poverty and inequality, housing policy and urban deprivation, the National Health Service, the personal services and social work, educational policy, and Race

relations. A review of recent theoretical and conceptual literature.

Pre-Requisites: A general knowledge of the subject field to first degree graduation level.

Teaching Arrangements:

SA311 **Social Policy and Administration**, 15 lectures

SA317 **Issues in Social Policy**, 20 seminars

Other courses of relevance include:

SA302 **Issues and Problems in Society**

SA313 **Law, Rights and Social Work**

SA308 **Probation Practice and Policy**

SA307 **Mental Handicap**

SA306 **Child Psychiatry**

SA303 **Human Growth and Behaviour**

SA305 **Themes in Clinical Psychiatry**

SA314 **Social Work Legislation**

SA315 **Social Work Studies**

SA316 **Social Work Practice**

SA320 **Psychology and Social Work**

SA312 **Social Work Electives**

Reading List: No one book covers the syllabus. Reading lists and guidance are provided at the start of the course.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabuses for main lecture and seminar courses. The examination paper has two titles: Social Problems and Social Services (Option 2), and Social Policy and Administration (Option 3), as it is taken by both one year and two year graduate social work students. It contains up to 14 questions and makes provision for the Option 3 students who follow a broader course of study. Candidates answer *three* questions and one-third of the marks are awarded for each of the three answers.

SA6702

Mental Health and Mental Illness

Teacher Responsible: Dr. Shula Ramon, Room A273 (Secretary, A240)

Examination and Component Courses Intended Primarily for M.Sc. in Social Work Studies (Option 2 and 3).

Scope: The aim of this series of courses is to provide a basic grounding in normal and abnormal human development and behaviour throughout the life span, and to examine the application of this material to professional social work practice.

Pre-Requisites: A first degree in the social sciences and at least one year's employment in

social work.

Syllabus: The core courses in this subject field are *Human Growth and Behaviour*, *Psychology, Theories in Clinical Psychiatry*, *Child Psychiatry* and *Mental Handicap*. The syllabus will include the following topics: Development before birth; early neonatal development. Early social and emotional behaviour. Attachment and bonding. Cognitive development. Moral development. Language development. Play. Family structures and relationships. The child in school. Abnormalities in development; physical, psychiatric, emotional and behavioural disorders. Adoption, fostering, children in care. The transition from adolescence to adult life. The physical, cognitive, emotional and social aspects of adulthood and the critical life stages and events; young adulthood; work; marriage; parenthood; middle age; old age; loss; bereavement; death; disability. Basic principles of child psychiatry. The causes, nature and epidemiology of mental handicap. An introduction to personality theories and their relevance to social work practice; psychodynamic and behavioural approaches; social skills training; person perception; environmental psychology.

Teaching Arrangements:

SA302 *Issues and Problems in Society*, 15 lectures, Michaelmas and Lent Terms.
SA303 *Human Growth and Behaviour*, 20 lectures, Michaelmas and Lent Terms.
SA305 *Themes in Clinical Psychiatry*, 10 lectures, Michaelmas Term.
SA306 *Child Psychiatry*, 10 lectures, Michaelmas Term.
SA307 *Mental Handicap*, 4 lectures, Lent Term.
SA312 *The Social Work Electives*, 15 seminars, Michaelmas and Lent Terms.
SA315 *Social Work Studies*, 27 seminars, Sessional.
SA316 *Social Work Practice*, 27 seminars, Sessional.
SA320 *Psychology and Social Work*, 20 lectures, Sessional.

Some of the above courses are taught by external lecturers with particular expertise in the field.

Reading Lists: No one book covers the entire syllabus. Reading lists will be provided by those responsible for individual courses and students should consult staff responsible for individual courses for particular guidance.

Examination Arrangements: One three-hour formal examination in the Summer Term. Ten questions are set of which three are to be attempted.

SA6740

Social Policy and Planning in Developing Countries

Teacher Responsible: Dr. J. Midgley, Room A239 (Secretary, Miss G. Grant, A240)

Course Intended Primarily for Diploma in Social Planning in Developing Countries.

Scope: To provide students with a thorough grounding in social policy and planning in developing countries. The course focuses on the major issues of social policy formulation, methods and techniques appropriate to social planning and provides an introduction to the governmental and economic aspects of social planning in developing countries.

Syllabus: The course consists of four elements each of which is taught separately. Broadly, these cover **Planning Theory and the Context of Planning, Planning Methods, The Governmental Context of Development and Economic Aspects of Planning in Developing Countries**. Further details are provided below under the heading **Teaching Arrangements**.

Pre-Requisites: Practical experience of working in government or other relevant organisations concerned with social policy and administration in developing countries.

Teaching Arrangements: Teaching for this paper is provided through lectures, a workshop and classes which are held weekly throughout the academic session. These are: SA170: **Planning Theory and the Context of Planning**. This series of lectures and class discussions, taught by Dr. Midgley and Mr. Narine, deals with the nature of social planning, examines the social context of planning in developing countries and introduces the student to major policy issues in social planning. These include planning for increased levels of living, redistribution, population, urban development, rural development, education, health, housing, industrial development, national integration and employment.

SA171: **Planning Methods**. These workshop sessions are intended to acquaint the student with planning techniques appropriate to social planning in developing countries. They include surveys, censuses and indicators, budgeting, cost benefit analysis and simple operations procedures including simulation.

SA174: **The Governmental Context of Development** taught by Mr. Dawson, introduces students to political and governmental aspects of examining the concept of political development, public opinion and the role of interest groups, the nature of bureaucracy and political culture in

developing countries.

SA175: **Economic Aspects of Social Planning in Developing Countries**. These classes, taught by Mr. Piachaud, are designed to provide an introduction to economic issues relevant to social planning in developing countries.

Written Work: Where relevant students will prepare brief papers for discussion in classes. Written work related to the teaching will be set by personal tutors throughout the session. Students will also be expected to undertake preparatory reading in order to participate in class discussions.

Reading List: A detailed reading list is provided for each of the teaching elements described previously. Although no single book covers the syllabus the set book for this course which students should purchase is: M. Hardiman & J. Midgley, *The Social Dimensions of Development*.

Other essential reading includes: S. MacPherson, *Social Policy in the Third World*; D. Conyers, *An Introduction to Social Planning in the Third World*; A. Livingstone, *Social Policy in Developing Countries*; H. Chenery *et al.*, *Redistribution with Growth*; J. Goldthorpe, *The Sociology of the Third World*; I. Oxaal *et al.*, *Beyond the Sociology of Development*; M. Todaro, *Economics for a Developing World*; O. Mehmet, *Economic Planning and Social Justice in Developing Countries*; G. S. Fields, *Poverty, Inequality and Development*; T. King *et al.*, *Population Policies and Economic Development*; R. Repetto, *Economic Equality and Fertility in Developing Countries*; R. Jolly *et al.*, *Third World Employment*; P. Bairoch, *Urban Unemployment in Developing Countries*; P. Van den Berghe, *Race and Racism*; L. Kuper, *Race, Class and Power*; W. Brandt *et al.*, *North-South: A Programme for Survival*; P. T. Bauer, *Dissent on Development*; World Bank, *The Assault on World Poverty*; World Bank, *World Development Reports, 1978-1981*; United Nations, *1978 World Social Situation Report*; D. J. Casley & D. A. Lury, *Data Collection in Developing Countries*.

Examination Arrangements: There will be a three-hour written examination based on the teaching described previously. Three questions out of about 14 are to be answered. The examination is usually held in mid-June.

SA6741

Problems of Health and Disease

See **Planning Health Development SA6761**

SA6742

Planning Welfare Services and Social Security

Teacher Responsible: Dr. J. Midgley, Room A239 (Secretary, Miss Grant, A240)

Course Intended Primarily for Diploma in Social Planning in Developing Countries.

Scope: To acquaint students with the major issues in planning welfare services in developing countries.

Syllabus: The history of welfare services. Current features of welfare services in developing countries. Policy issues in welfare planning. Problems of planning services for the elderly, disabled, children, young offenders, and victims of disasters. Social security services in developing countries. Issues in social security policy in the Third World.

Pre-Requisites: Preferably a qualification in social work or experience of welfare services and/or social security administration in developing countries.

Teaching Arrangements: Teaching is provided through a seminar (SA177: **The Planning of Family Welfare Services and Social Security**) which is held weekly throughout the academic session.

A handout listing the topics to be covered each week will be provided at the first meeting of the seminar.

Written Work: Members of the seminar will take turns to present a paper for discussion on the topics. All will be expected to undertake preparatory reading in order to participate in the discussions.

Reading List: A detailed list for each topic is provided on the handout. The set work for this seminar which students should purchase is:

J. Midgley, *Professional Imperialism: Social Work in the Third World*.

Students should also read chapter 9 of: M. Hardiman & J. Midgley, *The Social Dimensions of Development*.

Other relevant titles include:

W. Clifford, *A Primer of Social Casework in Africa*; M. Clinard & D. Abbott, *Crime in Developing Countries*; S. D. Gokhale & B. Chatterjee (Eds.), *Social Welfare: Legend and Legacy*; N. Hasan, *The Social Security System of India*; ILO, *The Cost of Social Security*; S. K. Khinduka (Ed.), *Social Work in India*; P. Mouton, *Social Security in Africa*; R. Savy, *Social Security in Agriculture*.

Examination Arrangements: There will be a three-hour examination based on the topics covered in the seminar. Three questions out of

9 or 10 to be answered. The examination is usually held in mid-June.

SA6743

Rural Development

Teacher Responsible: Dr. Anthony Hall, Room A260 (Secretary, Miss Grant, A240)

Course Intended for Diploma in Social Planning in Developing Countries.

Scope: The course is designed to introduce students to the problems of rural development in the Third World, to consider alternative strategies for improving levels of living in rural areas, and to increase the contribution of the rural sector to national development.

Syllabus: The nature and extent of the problem: the significance of the rural-agricultural sector in national development. The characteristics of rural communities and the impact of socio-economic change. Issues and strategies in rural development: land reform, agricultural improvement, settlement schemes, credit, marketing, extension services and co-operatives. The improvement of the rural infrastructure: water supply, roads, rural electrification, health and education. The community development 'basic needs' and 'conscientization' approaches to rural development. Selection and training of personnel. Administration and evaluation of national plans for rural development. The role of foreign aid.

Pre-Requisites: This paper is one of the options available to Diploma students. Knowledge of rural areas and relevant work experience is desirable but not essential.

Teaching Arrangements: Teaching is by a weekly seminar (SA178) of 1½ hours in the Michaelmas, Lent and first half of the Summer Terms.

A detailed programme is handed out at the beginning of the Session. Students are required to present papers for group discussion and must provide an outline on the blackboard or by handouts. Extensive reading is an essential part of the course and students are encouraged to discuss seminar presentations with their supervisors or with the course teachers.

Written Work: In addition to seminar presentations students write essays on this subject for their supervisors.

Reading Lists: A detailed reading list is included in the seminar programme. The following is an introductory list of books. N. Long, *An Introduction to the Sociology of*

Rural Development; M. Lipton, *Why Poor People Stay Poor: Urban Bias in World Development*; T. Shanin, *Peasants and Peasant Societies*; J. Harriss, *Rural Development*; G. Hunter, *Modernising Peasant Societies*; World Bank, *Rural Development Sector Policy Paper 1975*; A. Pearse, *Seeds of Plenty, Seeds of Want*; P. Harrison, *Inside the Third World*; K. Griffin, *The Political Economy of Agrarian Change*; A. H. Savile, *Extensions in Rural Communities*; M. Ahmed & H. Coombs (Eds.), *Education for Rural Development*; R. Apthorpe (Ed.), *Social Research & Community Development*.

Examination Arrangements: There is a three-hour written examination paper in June. Students are required to answer three questions from a choice of 10-12 questions.

SA6744

Social and Economic Aspects of Urbanization

Teacher Responsible: Dr. J. Midgley, Room A239 (Secretary, Miss Grant, A240)

Course Intended Primarily for Diploma in Social Planning in Developing Countries.

Scope: To acquaint students with the major problems and issues of urban development and housing policy in developing countries today.

Syllabus: Definitions of terms and concepts. Characteristics of Third World urbanisation. Urban social problems. Urban development policy. Housing problems. Approaches to housing policy.

Pre-Requisites: Preferably an experience of urban development policy and administration and/or housing administration in a developing country.

Teaching Arrangements: Teaching is provided through a seminar (SA179: **Social and Economic Aspects of Urbanisation**) which is held weekly throughout the academic session. A handout listing the topics to be covered each week will be provided at the first meeting of the seminar.

Written Work: Members of the seminar will take turns to present a paper for discussion on the topics. All will be expected to undertake preparatory reading in order to participate in the discussions.

Reading List: A detailed reading list for each topic is provided on the handout. General works on the subject which all members of the seminar should read include: D. J. Dwyer, *People and Housing in Third World Cities*; D. Drakakis-Smith, *Urbanization, Housing and the Development*

Process; O. F. Grimes, *Housing for Low Income Urban Families*; A. Mabogunje, *The Development Process*; H. S. Murison & J. P. Lea (Eds.), *Housing in Third World Countries*; B. Roberts, *Cities of Peasants*; H. Stretton, *Urban Planning in Rich and Poor Countries*; J. F. C. Turner, *Housing by People*; World Bank, *Housing: Sector Policy Paper*; C. Abrams, *Housing in the Modern World*; G. Breese (Ed.), *The City in Newly Developing Countries*; R. Bromley (Ed.), *The Urban Informal Sector*; J. AbuLghod & R. Hay, *Third World Urbanization*.

Examination Arrangements: There will be a three-hour written examination based on the topics covered in the seminar. Three questions out of 9 or 10 are to be answered. The examination is usually held in mid-June.

SA6745

Social Implications of Education and Manpower

Teacher Responsible: Dr. Anthony Hall, Room A260 (Secretary, Miss Grant, A240)

Course Intended Primarily for Diploma in Social Planning in Developing Countries.

Scope: The course is designed to consider the role of education in national development and its relation to manpower needs, with particular reference to the situation in developing countries.

Syllabus: Key issues in the study of educational systems; education and social and economic development, the contribution of economists, sociologists, and psychologists. Access to schooling, questions of equity and appropriateness. Planning the curriculum in primary, secondary and tertiary education: vocational, technical and non-formal education; literacy training. The special position of women: education in plural societies; the role of overseas aid and technical co-operation. The role of administrators and educational planners.

Pre-Requisites: This paper is one of the options available to Diploma students. Work experience in education is desirable, but not essential.

Teaching Arrangements: Teaching is by weekly seminar (SA180) of 1½ hours in the Michaelmas, Lent and half of the Summer Term.

For the main seminar SA180 a detailed programme is handed out at the beginning of the session. Students are required to present papers for group discussion, and must provide

an outline on the blackboard or by handouts. Extensive reading is an essential part of the course and students are encouraged to discuss seminar presentations with their supervisors or course teachers.

Written Work: In addition to seminar presentations students are required to write one essay on the education system of their own country during the Christmas vacation, for presentation at the start of the Lent Term, as well as further essays.

Reading List: A detailed reading list is included in the seminar programme. The following is an introductory list of books: J. Vaizey, *Education in the Modern World*; R. Dore, *The Diploma Disease*; O. Banks, *The Sociology of Education*; World Bank, *Education Policy Paper 1980*; D. Adams, *Education in National Development*; C. D. Rowley, *The Politics of Educational Planning in Developing Countries* (UNESCO); C. A. Anderson, *The Social Context of Educational Planning* (UNESCO); P. H. Coombs, *What is Educational Planning?* (UNESCO); C. E. Beeby, *Planning and the Educational Administrator* (UNESCO); M. Blaug, *Introduction to the Economics of Education*; M. Woodhall, *Cost-Benefit Analysis in Educational Planning* (UNESCO).

Examination Arrangements: There is a three-hour written examination paper in June. Students are required to answer three questions from a choice of 10 to 12 questions.

SA6760

Social Policy and Planning in Developing Countries

Teacher Responsible: Dr. J. O. Midgley, Room A239 (Secretary, Miss Grant, A240)

Course Intended Primarily for M.Sc. in Social Planning in Developing Countries.

Scope: The course is designed to give students a knowledge of the principles of social policy and social planning, and the techniques of planning in relation to the socio-economic and cultural situations of the Third World countries.

Syllabus: Concepts of social policy, social development and social planning. Theories of planning and decision-making. Problems of planning: planners and the political process, values and ideologies, the goals of social planning and alternative strategies. Policy issues in social planning: population, rural development, urbanisation, industrialisation and technology, unemployment, income distribution, poverty, health, education,

welfare, stratification, the role of women and ethnic relations. International aspects of social development, overseas aid. Social research methods and planning techniques: data collection, surveys, censuses, social indicators, operational research, cost-benefit analysis and project appraisal, analysis of national plans.

Pre-Requisites: This paper is a compulsory part of the M.Sc. in Social Planning in Developing Countries. Students are expected to have a background in the social sciences and work experience in developing countries. Students should provide themselves with background data on their own countries.

Teaching Arrangements: Teaching is by two seminars a week in the Michaelmas, Lent and half of the Summer Term:

SA172: **Social Policy and Planning in Developing Countries.** 1½ hour seminar taught by Dr. Midgley and Dr. Hall. If there are more than 20 students on the M.Sc. they are divided into two groups.

A detailed seminar programme is handed out at the beginning of the session. Students are required to prepare themselves to participate by extensive reading and by discussion of topics with their supervisors. Each week one or more students present papers for which they must provide an outline on the blackboard or by handouts.

SA173: **Social Research Methods and Planning Techniques in Developing Countries.** 2-hour seminar taught by Dr. Bulmer, Mr. Cornford, Dr. Hall and Mr. Piachaud.

A detailed seminar programme is handed out by the course teachers. Introductory lectures are given on the different topics, followed by workshop exercises for which students meet in groups out of seminar hours to prepare presentations.

Written Work: In addition to the preparation of seminar papers students will write essays for their tutors on the subject matter of the course.

Reading List: Detailed reading lists will be set out in the seminar programme. The following is an introductory list of books: those asterisked should be purchased.

*M. Hardiman & J. Midgley, *The Social Dimensions of Development: Social Policy & Planning in the Third World*; *D. Conyers, *An Introduction to Social Planning in the Third World*; S. MacPherson, *Social Policy in the Third World*; *M. Todaro, *Economics for a Developing World: An Introduction to Principles, Problems and Policies for Development*; A. J. Kahn, *Theory and Practice of Social Planning*; A. Waterston, *Development Planning*; R. Titmuss, *Social Policy: An Introduction*; J. E. Goldthorpe, *The Sociology*

of the Third World; E. Boserup, *Women's Role in Development*; V. George & P. Wilding, *Ideology and Social Welfare*; N. Baster, *Measuring Development*, H. Chenery et al., *Redistribution with Growth*; C. Elliott, *Patterns of Poverty in the Third World*; *World Bank, *World Development Report 1980*; *United Nations, *1978 Report on The World Social Situation*; M. Bulmer & D. Warrick, *Social Research in Developing Countries*; *D. J. Casey & D. A. Lury, *Data Collection in Developing Countries*.

Examination Arrangements: There is a three hour written examination paper in June. Students are required to answer three questions from a choice of 10-12 questions. The paper is not sectionalised; questions are based on work covered in courses SA172 and SA173.

SA6761

SA6741

Planning Health Development (M.Sc. Social Planning in Developing Countries) Problems of Health and Disease (Diploma in Social Planning in Developing Countries)

Teacher Responsible: John Carrier, Room A268 (Secretary, Rachel Mawhood, A251)

Course Intended Primarily for those following the one-year Master's and Diploma courses (above) although students reading for the M.Sc. in Social Policy and Planning and the M.Sc. in Sociology are also able to attend and be examined in the course.

Scope: The aim of the papers is to introduce students with a background in planning and social sectoral planning in the Third World to the issues facing such planners in the field of health service provisions and evaluation. Some experience in a planning agency would be appropriate but not an absolutely essential background for study.

Syllabus: Health and ill health in developing countries; The development of health services; indigenous medicine and its relationship with Western medicine; the social, demographic and economic background to the planning of health services; the problems of determining priorities between different parts of health services; the principles of planning primary care and hospital services; the collection and use of health statistics; the financing of health

services; the effect of different forms of central, regional and local organisation; the relationships of health and other social services.

Pre-Requisites: As above under Scope, some experience in a planning agency or previous work in the health or other social service field in the Third World would be an advantage, but otherwise the entry requirements for the above courses are sufficient.

Teaching Arrangements: The course covers the Michaelmas/Lent and half of the Summer Term.

The M.Sc. and Diploma students attend the same lectures and seminars (although they sit different examination papers, for which see below under Examination Arrangements). There are several lectures for the course. John Carrier and David Piachaud give 10 lectures and seminars (SA176) between them and Dr. Gill Walt of the London School of Hygiene and Tropical Medicine gives 6 lectures and seminars (mainly on primary health care). Other teachers present to students their own case study researches into health service planning in the Third World (Drs. Mills, Walker and Sanderson of the L.S.H.; Dr. Anderson of St. Georges Hospital Medical School). The case studies in the past have been drawn from Jordan, Botswana, Lesotho and Papua New Guinea. Each lecture is immediately followed by a seminar. Students prepare seminar papers based upon allotted reading, related to the subject of the lecture. A combined lecture/seminar is of one and a half hours duration. All students are required to prepare themselves for seminar discussion by reading.

Written Work: Much of the written work required of students is in the form of seminar paper preparation. Each paper should take about 15 minutes to read, and be about 1000 words in length. All seminar work papers can be read and discussed by teachers with the student concerned.

Reading List: Below is the minimum necessary reading for this course. Specialised reading for seminar topics will be given out by lecturers responsible for particular aspects of the course. Starred items* should be purchased if possible.

B. Abel-Smith, *Value for Money in Health Services* (Heinemann, 1976) £5.50; B. Abel-Smith, *Poverty, Development and Health Policy: Public Health Papers No. 69* (WHO, 1978); J. Evans et al., *Health Care in the Developing World: Problems of Scarcity and Choice*, New England Journal of Medicine, November 1981; WHO, *Formulating Strategies for Health for All by the Year 2000* (1979);

Basil S. Hetzel, *Basic Health Care in Developing Countries* (Oxford University Press, 1978) £4.00; M. Muller, *The Health Nations: A North-South Investigation* (Faber, 1982); K. W. Newell, *Health by the People* (WHO, 1975); WHO, *Sixth Report on the World Health Situation, Parts One and Two* (1980); UNICEF, *Government and the People's Health*, No. 42, April/June 1978; G. Walt & P. Vaughan, *An Introduction to the Primary Health Care Approach in Developing Countries*, (Ross Institute Publication, No. 13, July 1981); G. E. W. Wolstenholme & K. M. Elliott, *Human Rights in Health* (Ciba Foundation Symposium 23, Associated Scientific Publishers, 1974); World Bank, *Health Sector Policy Paper* (World Bank, 1980).

Supplementary Reading List: This is given out at the beginning of the course, reflects the special interest of the subject lecturers.

Examination Arrangements: The M.Sc. and Diploma Students are examined in separate papers although the subject matter examined is similar. The M.Sc. paper is a conventional 3-hour paper; 3 questions have to be answered from a choice of about 12/15 set questions. Each question carries the same marks. The Diploma students also have to answer 3 questions from a choice of about 10/12 questions. All questions carry the same marks.

SA6762

Planning Welfare Services and Social Security

Teacher Responsible: Dr. J. Midgley, Room A239 (Secretary, Miss Grant, A240)

Course Intended Primarily for M.Sc. in Social Planning in Developing Countries.

Scope: To acquaint students with policy issues and problems in planning family welfare and social security services in Third World countries.

Syllabus: The nature of family welfare services. Issues in welfare planning: the role of residential care, voluntary action and traditional responses. Administrative problems. The contribution of professional social work. Problems of planning social security. Economic aspects of social security. Social security and redistribution.

Pre-Requisites: Preferably a qualification in social work or experience of working in welfare services and/or social security administration in developing countries.

Teaching Arrangements: Teaching is provided through a seminar (SA177: **The Planning of Family Welfare Services and Social Security**) which is held weekly throughout the academic session.

A handout listing the topics to be covered each week will be provided at the first meeting of the seminar.

Written Work: Members of the seminar will take turns to present a paper for discussion on the topics. All will be expected to undertake preparatory reading in order to participate in the discussions.

Reading List: A detailed reading list for each topic is provided on the handout. The set work for this seminar which students should purchase is:

J. Midgley, *Professional Imperialism: Social Work in the Third World*.

Students should also read chapter 9 of: M. Hardiman & J. Midgley, *The Social Dimensions of Development*.

Other relevant titles include:

W. Clifford, *A Primer of Social Casework in Africa*; M. Clinard & D. Abbott, *Crime in Developing Countries*; S. D. Gokhale & B. Chatterjee (Eds.), *Social Welfare: Legend and Legacy*; N. Hasan, *The Social Security System of India*; ILO, *The Cost of Social Security*; S. K. Khinduka (Ed.), *Social Work in India*; P. Mouton, *Social Security in Africa*; R. Savy, *Social Security in Agriculture*.

Students are also encouraged to peruse the following journals which contain many relevant articles:

International Social Work; *International Social Security Review*.

Examination Arrangements: There will be a three-hour examination based on the topics covered in the seminar. Three questions out of 9 or 10 to be answered. The examination is usually held in mid-June.

SA6763

Social and Economic Aspects of Urbanisation

Teacher Responsible: Dr. J. Midgley, Room A239 (Secretary, Miss Grant, A240)

Course Intended Primarily for M.Sc. in Social Planning in Developing Countries.

Scope: To acquaint students with the major social and economic problems of Third World urbanisation and the policies designed to deal with them.

Syllabus: The nature and extent of urbanisation in developing countries. Major

social and economic problems of Third World urbanisation. Urban development policy approaches: urban decentralisation, urban planning and management, urban control measures. Approaches to urban housing policies in developing countries.

Pre-Requisites: Preferably an experience of urban development policy and administration and/or housing administration in a developing country.

Teaching Arrangements: Teaching is provided through a seminar (SA179: **Social and Economic Aspects of Urbanisation**) which is held weekly throughout the academic session. A handout listing the topics to be covered each week will be provided at the first meeting of the seminar.

Written Work: Members of the seminar will take turns to present a paper for discussion on the topics. All will be expected to undertake preparatory reading in order to participate in the discussions.

Reading List: A detailed reading list for each topic is provided on the handout. General works on the subject which all members of the seminar should read include:

D. J. Dwyer, *People and Housing in Third World Cities*; D. Drakakis-Smith, *Urbanization, Housing and the Development Process*; O. F. Grimes, *Housing for Low Income Urban Families*; A. Mabogunje, *The Development Process*; H. S. Murison & J. P. Lea (Eds.), *Housing in Third World Countries*; B. Roberts, *Cities of Peasants*; H. Stretton, *Urban Planning in Rich and Poor Countries*; J. F. C. Turner, *Housing by People*; World Bank, *Housing: Sector Policy Paper*; C. Abrams, *Housing in the Modern World*; G. Breese (Ed.), *The City in Newly Developing Countries*; R. Bromley (Ed.), *The Urban Informal Sector*; J. AbuLughod & R. Hay, *Third World Urbanization*.

Examination Arrangements: There will be a three-hour written examination based on the topics covered in the seminar. Three questions out of 9 or 10 are to be answered. The examination is usually held in mid-June.

SA6764

Rural Development

Teacher Responsible: Dr. Anthony Hall, Room A260 (Secretary, Miss Grant, A240)

Course Intended for M.Sc. in Social Planning in Developing Countries.

Scope: The course is designed to introduce students to the problems of rural development in the Third World, to consider alternative strategies for improving levels of living in rural areas, and to increase the contribution of the rural sector to national development.

Syllabus: The nature and extent of the problem: the significance of the rural-agricultural sector in national development. The characteristics of rural communities and the impact of socio-economic change. Issues and strategies in rural development: land reform, agricultural improvement, settlement schemes, credit, marketing, extension services and co-operatives. The improvement of the rural infrastructure: water supply, roads, rural electrification, health and education. The community development 'basic needs' and 'consciousness' approaches to rural development. Selection and training of personnel. Administration and evaluation of national plans for rural development. The role of foreign aid.

Pre-Requisites: This paper is one of the options available to M.Sc. students. Knowledge of rural areas and relevant work experience is desirable but not essential.

Teaching Arrangements: Teaching is by a weekly seminar (SA178) of 1½ hours in the Michaelmas, Lent and first half of the Summer Terms.

A detailed programme is handed out at the beginning of the Session. Students are required to present papers for group discussion and must provide an outline on the blackboard or by handouts. Extensive reading is an essential part of the course and students are encouraged to discuss seminar presentations with their supervisors or with the course teachers.

Written Work: In addition to seminar presentations students write essays on this subject for their supervisors.

Reading List: A detailed reading list is included in the seminar programme. The following is an introductory list of books. N. Long, *An Introduction to the Sociology of Rural Development*; M. Lipton, *Why Poor People Stay Poor: Urban Bias in World Development*; T. Shanin, *Peasants and Peasant Societies*; J. Harriss, *Rural Development*; G. Hunter, *Modernising Peasant Societies*; World

Bank, *Rural Development Sector Policy Paper 1975*; A. Pearse, *Seeds of Plenty, Seeds of Want*; P. Harrison, *Inside the Third World*; K. Griffin, *The Political Economy of Agrarian Change*; A. H. Savile, *Extension in Rural Communities*.

Examination Arrangements: There is a three-hour written examination paper in June. Students are required to answer three questions from a choice of 10-12 questions.

SA6765

Social Implications of Education and Manpower

Teacher Responsible: Dr. Anthony Hall, Room A260 (Secretary, Miss Grant, A240)

Course Intended Primarily for M.Sc. in Social Planning in Developing Countries. Students in some other branches of the M.Sc. in the Faculty of Economics may also take this paper by agreement with their supervisors.

Scope: The course is designed to consider the role of education in national development and its relation to manpower needs, with particular reference to the situation in developing countries.

Syllabus: Key issues in the study of education systems: education and social and economic development, the contribution of economists, sociologists, and psychologists. Access to schooling, questions of equity and appropriateness. Planning the curriculum in primary, secondary and tertiary education: vocational, technical and non-formal education; literacy training. The special position of women: education in plural societies: the role of overseas aid and technical co-operation. The role of administrators and educational planners.

Pre-Requisites: This paper is one of the options available to M.Sc. students. Work experience in education is desirable, but not essential.

Teaching Arrangements: Teaching is by a weekly seminar (SA180) of 1½ hours in the Michaelmas, Lent and first half of the Summer Terms.

For the main seminar SA180 a detailed programme is handed out at the beginning of the session. Students are required to present papers for group discussion, and must provide an outline on the blackboard or by handouts. Extensive reading is an essential part of the course and students are encouraged to discuss seminar presentations with their supervisors or course teachers.

Written Work: In addition to seminar presentations students are required to write one essay on the education system of their own country during the Christmas vacation, for presentation at the start of the Lent Term, as well as further essays.

Reading List: A detailed reading list is included in the seminar programme. The following is an introductory list of books: J. Vaizey, *Education in the Modern World*; R. Dore, *The Diploma Disease*; O. Banks, *The Sociology of Education*; World Bank, *Education Policy Paper 1980*; D. Adams, *Education in National Development*; C. D.

Rowley, *The Politics of Educational Planning in Developing Countries* (UNESCO); C. A. Anderson, *The Social Context of Education Planning* (UNESCO); P. H. Coombs, *What is Educational Planning?* (UNESCO); C. E. Beeby, *Planning and the Educational Administrator* (UNESCO); M. Blaug, *Introduction to the Economics of Education*; M. Woodhall, *Cost-Benefit Analysis in Educational Planning* (UNESCO).

Examination Arrangements: There is a three-hour written examination paper in June. Students are required to answer three questions from a choice of 10 to 12 questions.

Sociology Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
So100	Introduction to Sociology Dr. C. R. Badcock and Professor D. G. MacRae	23/MLS	So5800
So102	Statistics, Research and Sociology Mr. G. Rose	5/S	
So103	Issues and Methods of Social Research Class Dr. C. T. Husbands	30/ML	So5801;
So104	Comparative Social Structures I Dr. L. A. Sklair	24/MLS	So5820; So6962
So105	Comparative Social Structures II Dr. C. Crouch, Mr. M. C. Burrage and Professor E. A. Wrigley	30/MLS	So5830; So6963
So106	Sociological Theory Dr. J. M. Mann	20/ML	So5821; So6961
So110	Contemporary Sociological Theory Professor P. S. Cohen, Dr. L. A. Sklair and Dr. N. Mouzelis (Not available 1984-85)	20/ML	So5989
So111	Social and Moral Philosophy Mrs. E. Barker	20/MLS	So5810
So112	Sociology of Knowledge and Science Dr. A. W. Swingewood (Not available 1984-85)	20/ML	So5946
So113	Society and Literature Dr. A. W. Swingewood (Not available 1984-85)	20/ML	So5945
So114	The Psychoanalytic Study of Society Dr. C. R. Badcock	24/MLS	So5960
So120	The Social Structure of Modern Britain Dr. C. Crouch, Professor D. A. Martin and Mr. C. M. Langford	30/ML	So5809
So121	The Social Structure of the Soviet Union Dr. E. A. Weinberg	20/MLS	So5860
So122	The Development of Modern Japanese Society Professor K. E. Thurley	22/MLS	So5861
So123	Social Structure and Politics in Latin America (not available 1984-85) Dr. I. Roxborough	23/MLS	So5862
So130	Political Sociology (alternate years) Dr. C. T. Husbands and Mr. A. W. G. Stewart	20/MLS	So5880; So6853

Lecture/ Seminar Number			Study Guide Number
So131	Political Processes and Social Change Mr. A. W. G. Stewart	23/MLS	So5881; So6852
So132	Industrialisation and Theories of Social Change (not available 1984-85) Dr. I. Roxborough and Dr. A. D. S. Smith	20/ML	So5882; So6831
So133	Theories and Problems of Nationalism Dr. A. D. S. Smith, Professor P. S. Cohen Mr. J. B. L. Mayall and Mr. G. Schöpflin	20/MLS	So5883; So6831; So6850
So134	Urban Sociology (Not available 1984-85) Dr. C. T. Husbands	22/MLS	So5916
So140	Industrial Sociology Dr. S. R. Hill	20/ML	So5917
So141	Sociology of Sex and Gender Roles Dr. L. A. Sklair, and Dr. M. R. Ferguson	24/MLS	So5918
So142	Sociology of Religion (Not available 1984-85) Professor D. A. Martin and Mrs. E. Barker	24/MLS	So5921
So143	Criminology Professor T. P. Morris	32/MLS	So5919
So144	Sociology of Deviant Behaviour Dr. P. E. Rock and Dr. D. M. Downes	10/M	So5920
So145	Sociology of Medicine Dr. S. Taylor	20/ML	So5922
So150	Social Theory and Social Structure Seminar Professor P. S. Cohen and Dr. S. R. Hill	25/MLS	So6961
So152	Methods of Social Investigation Mr. G. Rose	12/MLS	So6960
So160	Design and Analysis of Social Investigations Mr. G. Rose	26/MLS	So6800
So161	Design and Analysis of Social Investigations: Special Topics Dr. J. M. Mann	10/ML	So6800
So162	Social Structure of Industrial Societies — Seminar Dr. C. Crouch, Dr. E. A. Weinberg and Mr. M. C. Burrage	25/MLS	So6830
So163	Sociology of Development — Seminar Dr. Sklair, Dr. Roxborough and Dr. A. D. Smith	24/MLS	So6831
So165	Sociology of Deviant Behaviour — Seminar Dr. P. E. Rock, Dr. D. M. Downes, and Professor T. P. Morris	25/MLS	So6881
So166	Sociology of Religion — Seminar Professor D. A. Martin and Mrs. E. Barker	30/MLS	So6880

Lecture/ Seminar Number			Study Guide Number
So167	Theories of Political Sociology (alternate years) Mr. A. W. G. Stewart	20/ML	So6853
So168	Political Stability and Change — Seminar [Not available 1984-85] (alternate years) Mr. A. W. G. Stewart	22/MLS	So6852
So169	Nationalism — Seminar Dr. A. D. Smith, Professor P. S. Cohen and Mr. J. B. L. Mayall	20/MLS	So6850
So170	The Political Sociology of Latin America (Not available 1984-85) Dr. I. Roxborough	17/MLS	So6854
So171	Sociological Theory — Seminar Professor P. S. Cohen and Dr. J. M. Mann	22/MLS	So6815
So172	Comparative European Social Structures	15/MLS	So6969
So183	Research Class for M. Phil Students Dr. J. M. Mann	MLS	
So184	Research Seminar on the Sociology of Crime and Deviance Dr. P. E. Rock and Dr. D. M. Downes	30/MLS	
So185	Research Seminar in Political Economy and Social Stratification (Not available 1984-85) Dr. C. Crouch and others	15/MLS	
So186	Sociology Department Research Seminar Dr. J. M. Mann	15/MLS	
So187	Sociology of Literature (Not available 1984-85) Dr. A. W. Swingewood	12/MLS	
So188	Graduate Seminar on the Sociology of Sex and Gender Roles		

SOCIOLOGY

Statistics, Research and Sociology

Teacher Responsible: Mr. G. Rose, Room S667 (Secretary, Miss J. Johnson, S779)

Course Intended Primarily for B.Sc. (Econ.) Part II; First year Sociology specialists; Dip. Soc.

Scope: These lectures are intended to provide links between the statistics course SM202 and the other first year sociology courses.

Syllabus: The role of statistics in social research and in sociological analysis. Examples will be chosen from recent British studies.

Teaching Arrangements: Five lectures (So102), Summer Term.

Reading List: A. Heath, *Social Mobility*; G. Rose, *Deciphering Sociological Research*; M. Rosenberg, *The Logic of Survey Analysis*; J. Silvey, *Deciphering Data*; J. Westergaard & H. Resler, *Class in a Capitalist Society: Social Trends* (annually).

Examination Arrangements: Non-examinable.

Research Class for M.Phil. Students

Teacher Responsible: Dr. Michael Mann, Room S778 (Secretary, Mrs. Yvonne Brown, S686)

Course Intended for research students in Sociology.

Syllabus: In the main part of the seminar series research students present papers on their proposed research designs. Each student must submit a paper in written form for Department approval during Summer Term. There are also two series of introductory classes on doing research and on using the L.S.E. computer (participation in the latter being voluntary).

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So102

So183

Research Seminar on the Sociology of Crime and Deviance

Teachers Responsible: Dr. P. Rock, Room S875 (Secretary, Mrs. Elaine Hartwell, A453) and Dr. D. Downes, Room A246 (Secretary, Rachel Mawhood, A255)

Course Intended for students preparing dissertations on the Sociology of Deviance for the M.Phil and Ph.D. degrees.

Scope: Designed to encourage public discussion of evolving work, the seminar will enable participants to review their own, others', and general problems encountered in the process of exploring deviant and allied phenomena.

Teaching Arrangements: Thirty seminars (So184), Sessional.

Examination Arrangements: Non-examinable.

Research Seminar in Political Economy and Social Stratification

(Not available 1984-85)

Teachers Responsible: Dr. C. Crouch, Room A351 (Secretary, Mrs. Jean Ridyard, A 451), and others.

Course Intended for research students working within the area described.

Scope: The course is designed to encourage discussion of evolving work of students and teachers, with particular emphasis on comparative studies.

Teaching Arrangements: Seminars (So185), Sessional.

Examination Arrangements: Non-examinable.

Sociology Department Research Seminar

Teacher Responsible: Dr. Michael Mann, Room S778 (Secretary, Mrs. Yvonne Brown, S686)

Scope: An occasional seminar series open to all staff and students of the Sociology Department, in which either departmental members or outside visitors give papers on their current research.

So184

So185

So186

So5800

Introduction to Sociology

Teacher Responsible: Dr. C. Badcock, Room S665 (Secretary, Miss Josephine Johnson, S779)

Course Intended Primarily for B.Sc. Sociology 1st year (compulsory), Geog., Maths., Stats., Comp., Act. Sci., Man. Sci., Psych., B.Sc. (Econ.) Parts I and II. Optional for B.Sc. S.S. and A. 1st year; M.Sc.

Scope and Syllabus: The principal aim is to provide an introduction to the theoretical and empirical study of social systems and of the processes of change which they undergo. An attempt is made to do this by way of certain central questions which have informed, and do inform, sociological enquiry: how society is possible; elements of social structure — communication, socialisation, economic allocation and production, social control, ritual and symbolic action. The history of sociological concepts from the Enlightenment to the present time.

Pre-Requisites: None. The course assumes no prior knowledge of the social sciences and is suitable for any student in the School eligible to take it.

Teaching Arrangements: A one-hour lecture (So100) each week and a weekly class (So100a).

Lectures are organised as follows: Michaelmas Term: 10 lectures given by Dr. Badcock on the fundamentals of society in an evolutionary perspective; 5 lectures, also given by Dr. Badcock in the Lent Term on some principal sociological paradigms linked to the material discussed in the first term (viz: positivism, Marxism, Weberian sociology, Functionalism, Structuralism, Psycho-analysis and Sociobiology); 10 lectures given by Professor MacRae in the Lent and Summer Terms on basic analytic concepts and issues related to industrial society.

Classes: All class groups will follow an identical sequence of class topics and related reading closely linked to the lectures.

Written Work: Entirely at the class teacher's discretion. There is no formal requirement for course-work; however, all students are expected to prepare for all classes and to produce class papers if this is the method of instruction agreed on between the class teacher and the class. Students from foreign universities which require written course-work to be assessed must arrange this with their class teachers on an individual basis.

Minimal Reading List: The basic text-book for the course is G. & J. Lenski, *Human Societies*. Students may also wish to purchase some of the following basic texts:

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R. Aron, *Main Currents of Sociological Thought*; L. Coser & B. Rosenberg, *Sociological Theory: Readings*; T. Raison, *The Founding Fathers of Social Science*; and, for background reading to Dr. Badcock's lectures:

C. Badcock, *The Psychoanalysis of Culture*, and *Levi-Strauss*.

Wherever possible xeroxed copies of selected reading specified on the class reading list will be deposited in the Library off-print collection (excepting the text-book).

Supplementary Reading List: ((P) indicates inexpensive paper-back).

R. Dawkins, *The Selfish Gene*; L. Stone, *The Family, Sex and Marriage in England 1500-1800* (P); T. Bottomore & M. Rubel, *Selected Writing of Karl Marx* (P); D. MacRae, *Max Weber* (P); R. Nisbet, *Durkheim*; R. Fletcher, *The Making of Sociology*; R. Merton, *Social Theory and Social Structure*; M. & R. Friedman, *Free to Choose*(P).

Examination Arrangements: A three-hour unseen examination towards the end of the Summer Term, four questions to be answered out of about 14. Examination questions will tend to follow the lectures and the questions for class discussion printed on the main reading list.

So5801

Issues and Methods of Social Research

Teacher Responsible: Dr. C. T. Husbands, Room S879 (Secretary, Mrs. Elaine Hartwell, A453)

Course Intended Primarily for students in the B.Sc. course unit, main field Sociology (compulsory course to be taken in the first, second or third year) and B.Sc. (Econ.), Part II, special subject Sociology (compulsory course to be taken in the second or third year).

Scope: The aim of the course is to introduce students to central issues and basic techniques in the conduct of research in sociology.

Syllabus: The course examines basic issues and methods of social research using examples from a number of sociological works. It covers elementary aspects of the philosophy of science, the relationship between research and theory, study design and sampling, and the main approaches to doing sociological research, including social surveys, experiments and quasi-experiments, field research and participant observation, and unobtrusive methods. Students are made familiar with the concepts of reliability and validity, with

specific techniques of data-gathering (such as interviews, questionnaires, etc.) and with the measurement devices appropriate for particular tasks (e.g., various types of attitude measurement). The course covers differing approaches to data analysis, in particular various techniques for handling confounding variables and the construction of simple causal models. There is also material on the sources and problems of validity of certain major types of data, such as aggregate data and official data like crime statistics, wealth data and basic demographic statistics.

Students work collectively throughout the year on a research project that involves the collection of data by questionnaire and their analysis using the computer.

Pre-Requisites: Students must be concurrently taking, or must have completed, the course SM202 **Statistical Methods for Social Research** (or an equivalent course).

Teaching Arrangements: The course comprises a series of twenty lectures, ten fortnightly workshops classes, and twenty-four weekly classes in small groups.

Lectures: SA115 **Methods of Social**

Investigation 20 Michaelmas and Lent Terms. Workshop Classes: So103 **Issues and Methods of Social Research** 10 Michaelmas and Lent Terms (fortnightly starting in the *second* week of the Michaelmas Term).

Classes: So103 **Issues and Methods of Social Research** 24 Sessional.

The lectures provide a comprehensive coverage of topics in the syllabus. The fortnightly workshop classes aim to co-ordinate practical work on the projects and to show how lecture material can be applied to the project. In the weekly classes there will be sixteen devoted to the project and eight to topics selected directly from the syllabus. Students should note that the lectures, the workshop classes and the weekly classes are all essential parts of the course.

Written Work: There is a compulsory assignment entailing the answering of four or so short essay-questions that is distributed at the end of the Michaelmas Term and this must be handed to the student's class tutor by the end of the first full week of the Lent Term. There is also a compulsory research report that contributes to the examination for the course.

Reading List: There is no single textbook that covers the content of the whole course but students are encouraged to buy:

L. H. Kidder, *Research Methods in Social Relations* (4th edn.).

Other useful textbooks are:

K. D. Bailey, *Methods of Social Research*; H. M. Blalock, Jr., *An Introduction to Social*

Research; D. P. Forcese & S. Richer (Eds.), *Stages of Social Research*; C. Marsh, *The Survey Method*; C. A. Moser & G. Kalton, *Survey Methods in Social Investigation* (2nd edn.); D. Nachmias & C. Nachmias, *Research Methods in the Social Sciences*; A. Orenstein & W. R. F. Phillips, *Understanding Social Research*; G. Rose, *Deciphering Sociological Research*; M. Shipman, *The Limitations of Social Research*; H. W. Smith, *Strategies of Social Research*; M. Stacey, *Methods of Social Research*.

Supplementary Reading List: C. Bell & H. Newby (Eds.), *Doing Sociological Research*; M. I. A. Bulmer (Ed.), *Sociological Research Methods*; J. Bynner & K. M. Stribley (Eds.), *Social Research: Principles and Procedures*; J. A. Davis, *Elementary Survey Analysis*; L. Festinger & D. Katz (Eds.), *Research Methods in the Behavioral Sciences*; W. J. Goode & P. K. Hatt, *Methods in Social Research*; P. Hammond (Ed.), *Sociologists at Work*; G. Hoinville, R. Jowell & Associates, *Survey Research Practice*; P. F. Lazarsfeld & M. Rosenberg (Eds.), *The Language of Social Research: A Reader in the Methodology of Social Research*; R. Mayntz, K. Holm & P. Hoebner, *Introduction to Empirical Sociology*; D. C. Miller, *Handbook of Research Design and Social Measurement*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*; S. L. Payne, *The Art of Asking Questions*; B. Phillips, *Social Research: Strategies and Tactics*; M. W. Riley, *Sociological Research: A Case Approach*; M. Rosenberg, *The Logic of Survey Analysis*; M. Shipman (Ed.), *The Organisation and Impact of Social Research*; J. Silvey, *Deciphering Data*; E. J. Webb, D. T. Campbell, R. D. Schwartz and L. Sechrest, *Unobtrusive Measures*; H. Zeisel, *Say It With Figures* (5th edn.)

Examination Arrangements: There is a conventional three-hour written examination in the Summer Term that is based on the full syllabus. The paper contains twelve or so questions, of which four are to be answered. All questions carry the same marks. Seventy per cent of the total assessment for the course is based on this examination.

The remaining 30 per cent is awarded for the student's report of the research project. This latter assignment is given towards the end of the Lent Term and the completed report must be handed to the Examinations Office by 1 May.

So5809

Social Structure of Modern Britain

Teacher Responsible: Dr. Colin Crouch, Room A351 (Secretary, Mrs. Jean Ridyard, A451)

Course Intended Primarily for B.Sc. (Econ.)

Part II; B.Sc. course units main fields Sociology, Social Psychology; B.Sc. Social Science and Administration; Diploma in Social Policy and Administration; Diploma in Trade Union Studies.

Scope: The aim is to introduce students to the main contributions of sociological knowledge to the study of post-war British society. This will be achieved by considering some of the main problems which are considered to affect that society. The course is strongly empirical and makes use of quantitative material.

Syllabus: An examination of academic evidence relevant to some of the major issues confronting British society including industrial decline, inequality, political uncertainty, the fact of a multi-cultural society and the role of the mass media. This involves discussion of social stratification and mobility; occupational structure and the distribution of income; industrial structure and wealth ownership; industrial relations; education; the state, including the welfare state; demographic patterns and family structure; religion, patterns of settlement and housing tenure; and race relations.

Pre-Requisites: While constructed primarily for first and second year undergraduates reading for the B.Sc. course units degree in sociology and for the B.Sc. Econ. Part II special subject sociology, the course does not assume a detailed knowledge of sociology. It is intended to be suitable as an outside option for undergraduates reading for a range of other degrees, and for students taking the Diploma in Trade Union Studies. Overseas students, including those on single-year or single-term courses, may find it a useful means of improving their knowledge of British society.

Teaching Arrangements: There are 30 lectures (So120) (20 in Michaelmas Term; 10 in Lent) supplemented by 15-20 classes. Most of the lectures are given by **Dr. Crouch**, but the following are also involved:

Mr. Langford (Demography) (Room A341)

Professor Martin (Religion) (Room S777)

Dr. Swingewood (Culture) (Room A352)

Classes (So120a) will be taken by teachers in the department of sociology, except for those reading for the B.Sc. in Social Science and Administration, whose classes are organised

by that department. During the Summer Term special tuition will be provided for General Course students taking this option.

Written Work: In addition to the presentation of class papers, each student attending classes should expect to present a short essay on a topic within the course to his/her class teacher during both the Michaelmas and Lent Terms.

Reading List: Basic Reading.

*P. Abrams (Ed.), *Work, Urbanisation and Inequality*; A. B. Atkinson, (Ed.), *Wealth, Income and Inequality*; M. Banton, *Racial Minorities*; F. Blackaby (Ed.), *De-Industrialisation*; R. M. Blackburn & M. Mann, *The Working Class in the Labour Market*; W. Brown, *The Changing Contours of British Industrial Relations*; D. Butler & D. Stokes, *Political Change in Britain* (2nd edn.); H. A. Clegg, *The Changing System of Industrial Relations in Great Britain*; P. R. Cox, *Demography*; C. J. Crouch, *The Politics of Industrial Relations* (2nd edn.); A. Francis, "Families, firms and finance capital: the development of U.K. industrial firms with particular reference to their ownership and control", *Sociology*, 14, 1, 1980; J. H. Goldthorpe, *Social Mobility and Class Structure in Modern Britain*; *A. H. Halsey, *Change in British Society*; A. H. Halsey et al., *Origins and Destinations*; C. C. Harris, *The Family and Industrial Society*; A. Heath, *Social Mobility*; E. Hobsbawm, *Industry and Empire*; T. J. Johnson, *Professions and Power*; D. Kavanagh (Ed.), *The Politics of the Labour Party*; J. Le Grand, *The Strategy of Equality*; D. A. Martin, *A Sociology of English Religion*; *T. Noble, *Structure and Change in Modern Britain*; A. Oakley, *A Sociology of Housework*; K. Roberts et al., *The Fragmentary Class Structure*; R. Rose, *Politics in England* (3rd edn.); G. Routh, *Occupation and Pay in Great Britain, 1906-1979*; J. Scott, *Corporations, Classes and Capitalism*; A. Sked & C. Cooke, *Post-War Britain: a Political History*; D. J. Smith, *The Facts of Racial Disadvantage*; P. Stanworth & A. Giddens (Eds.), *Elites and Power in British Society*; A. Stewart et al., *Contemporary Britain*; P. Townsend, *Poverty in the United Kingdom*; *J. Westergaard & H. Resler, *Class in a Capitalist Society*; M. J. Wiener, *English Culture and the Decline of the English Spirit 1850-1980*; R. Williams, *The Long Revolution*.

*indicates the most useful general references. Further reading will be given with the lecture course outline.

Examination Arrangements: Those taking this course as part of the B.Sc. course unit or B.Sc. Econ. degree will be examined by means of three essays written during the Easter

vacation. The essays, which are chosen from an extensive list of questions, must be of less than 2,000 words each.

So5810

Social and Moral Philosophy Teacher Responsible: Eileen Barker, Room S684 (Secretary, Mrs. Jean Ridyard, A451)

Course Intended Primarily for B.Sc. c.u. main fields Sociology, Social Psychology, B.Sc. (Econ.) Part II Special Subject Sociology, but open to all students, if their depts. agree.
Scope: The course is designed to introduce awareness of philosophical problems, particularly those concerned with knowledge and ethics, which are of relevance to the social scientist.

Syllabus: Introduction to concepts concerning the nature of knowledge, reality and ethics. Brief description of the thought of some of the classical philosophers.

Elementary principles and fallacies in logical thought.

Discussion of problems in descriptions and explanations of social behaviours.

An introduction to moral philosophies, especially those of Kant and the Utilitarians. Discussion of the relationship between science and values.

Pre-Requisites: No background knowledge is necessary.

Teaching Arrangements: Lectures: So111: 10 Michaelmas Term and 10 Lent Term. Lectures which involve considerable student participation, given by Eileen Barker.

Classes: So111a: 10 Michaelmas Term and 10 Lent Term, taken by David Martin.

Written Work: Students are expected to do some simple logical exercises for the lectures and to provide at least one class paper per term.

Reading List: J. Hospers, *An Introduction to Philosophical Analysis*; J. Hospers, *Human Conduct*; B. Russell, *Problems of Philosophy*; B. Russell, *A History of Western Philosophy*; A. MacIntyre, *A Short History of Ethics*; K. Popper, *Conjectures and Refutations*, Ch. 1; K. Popper, *The Poverty of Historicism*; A. Ryan, *The Philosophy of the Social Sciences*; M. Lessnoff, *The Structure of Social Science: A Philosophical Introduction*; E. Gellner, *Thought and Change*; E. Gellner, *Legitimation and Belief*.

The Hospers books are the nearest approximation to text books for the course.

Supplementary Reading List: This will be given out at the beginning of the course with lecture notes and exercises.

Examination Arrangements: Three-hour formal examination in Summer Term, 12-16 questions, four to be attempted. Also an optional essay which can upgrade borderline examination results, but cannot lower marks.

So5820

So6962

Comparative Social Structures I

Teacher Responsible: Dr. L. Sklair,
Room A350 (Secretary, Mrs. Y.
Brown, S686)

Course Intended Primarily for B.Sc. c.u. main field Soc. 2nd year; B.Sc. (Econ.) Part II; Dip. Soc. Normally students will have successfully completed **Introduction to Sociology** (So100).

Scope: The comparative sociology of pre-industrial societies.

Syllabus: Problems of comparative method in the analysis of social structure. The contributions of the main sociological schools on this issue; the analysis in terms of modes of production and systems of domination of the major types of complex pre-industrial societies; slavery, caste, feudalism, oriental; sex inequality.

Teaching Arrangements: The course will consist of 24 lectures (So104) and a weekly class (So104a). The class lists are posted on the notice boards on the Ground Floor of the Main Building. The lectures will provide an account of the main theories and a survey of the main sources for each of the areas to be covered in the course, while the classes will look in detail at the specific topics listed in the "Class Topics" reading list.

Written Work: Students will be expected to prepare one or more class papers and these will normally be revised in light of the class discussion and handed in to be marked by class teachers. Some topics may extend over more than one week.

Reading List: Lecture Course: The following list contains a selection of books that will serve as a sound introduction to one or more parts of the course. Students are strongly advised to buy and study at least one of these. References to the relevant works of Marx, Weber and Durkheim, and to the literature on substantive problems will be given in the lectures. Specific topic references will be found in class reading lists.

P. Abrams, *Historical Sociology*; P. Anderson,

Passages from Antiquity to Feudalism; Lineages of the Absolutist State; S. Andreski, *Elements of Comparative Sociology*; A. Bailey & J. Llobera (Eds.), *The Asiatic Mode of Production*; M. Bloch, *Feudal Society*; S. Eisenstadt, *Political System of Empires*; A. Etzioni & F. Dubow (Eds.), *Comparative Perspectives*; L. Dumont, *Homo Hierarchicus*; B. Hindess & P. Q. Hirst, *Pre-Capitalist Modes of Production*; R. Hilton (Ed.), *Transition from Feudalism to Capitalism*; E. Hobsbawm, "Introduction" to K. Marx, *Pre-Capitalist Economic Formations*; R. Marsh, *Comparative Sociology*; T. Parsons, *The Evolution of Societies*; M. Rosaldo & L. Lamphere (Eds.), *Women, Culture and Society*; I. Vallier (Ed.), *Comparative Methods in Sociology*; D. Warwick & S. Osherson (Eds.), *Comparative Research Methods*; K. Wittfogel, *Oriental Despotism*; A. Weinstein & F. Gatell (Eds.), *American Negro Slavery*.

Examination Arrangements: The examination will consist of a three hour unseen written paper in which three questions must be answered. The examination paper will be based on the topics covered in the "Class Topics" list.

So5821

So6961

Sociological Theory

Teacher Responsible: Dr. Michael Mann,
Room S778 (Secretary, Mrs.
Yvonne Brown, S686)

Course Intended Primarily for B.Sc. c.u. main fields Soc. 2nd year, Soc. Anth. 2nd year; B.Sc. (Econ.) Part II; B.Sc. S.S. and A.; M.Sc.; Dip. Soc.

Syllabus: An introduction to the main varieties of classical and modern sociological theory, concentrating on three tasks: what are the principal arguments of the classic texts, to what problems and changes in the real world were the theories a response, and what relevance do they have in the contemporary world? The principal theorists and schools considered are: Marx, Weber, Durkheim, Parsons and normative functionalism, symbolic interactionism, phenomenology and contemporary Marxism.

Teaching Arrangements: Lectures: So106 Twenty lectures, weekly in Michaelmas and Lent Terms.

Classes: So106(a) Twenty classes, weekly in Michaelmas and Lent Terms.

Reading List: (a) General Secondary Sources R. Aron, *Main Currents in Sociological Theory*

757 *Sociology*

(2 vols.); L. Coser & B. Rosenberg (Eds.), *Sociological Theory*; L. Coser, *Masters of Sociological Theory*; T. Parsons, *The Structure of Social Action* (2 vols.); A. Giddens, *Capitalism and Modern Social Theory*; R. Nisbet, *The Sociological Tradition*; A. Gouldner, *The Coming Crisis of Western Sociology*; J. H. Turner, *The Structure of Sociological Theory*.

(b) Primary Sources

It is important that the student read at least one substantial work by each of the principal classic writers.

For Marx either *Capital*, Vol. I or Vol. III or one of several one-volume collections of his shorter works.

For Weber either *The Theory of Economic & Social Organization* or one of the Sociology of Religion Volumes (*The Protestant Ethic, The Religion of China, The Religion of India*) or Gerth & Mills (Eds.), *From Max Weber*. For Durkheim either *The Division of Labour in Society* or *The Elementary Forms of the Religious Life*.

Examination Arrangements: One three-hour formal examination in the Summer Term, based on the whole syllabus of the lecture course and the classes. Students are required to answer three from about fifteen questions.

So5830

So6963

Comparative Social Structures II

Teachers Responsible: Mr. Michael Burrage (Course Convener), Room A375 (Secretary, Mrs. Elaine Hartwell, A453); **Dr. Colin Crouch**, Room A351 (Secretary, Mrs. Jean Ridyard, A451); **Professor E. A. Wrigley**, Room A328 (Secretary, A326)

Course Intended Primarily for B.Sc. Soc. course units (Sociology); B.Sc. Econ. (Sociology); M.Sc. in Sociology, supplementary to Course So162, (**Social Structure of Industrial Societies**); Dip. Soc.
Scope: The aim of the course is to review, making extensive use of comparisons between societies, the main theories related to (a) the industrialisation of the major industrial societies and (b) their more recent development.

Syllabus: The course will outline major features in the development of the political, economic and social institutions of modern

societies, during both the period of industrialisation and the 20th century. It will also discuss sociological interpretations of these issues. Since the syllabus covers a very wide area, students will be permitted to specialise to some degree, and class discussions and examination papers will provide for this.

Pre-Requisites: Undergraduates specialising in sociology normally take this course in their final year. Students taking the course as an outside option should have followed an introductory course in sociology.

Teaching Arrangements: In the Michaelmas Term **Mr. Burrage** and **Dr. Crouch** give parallel courses of lectures on major issues of economy, polity and collective action in (respectively) the period of industrialisation and modern industrial society in Europe and the U.S.A. In the Lent Term they are joined by **Professor Wrigley** and discuss family, education and social stratification in the same societies and time period.

Classes will be conducted throughout the Michaelmas and Lent Terms by **Mr. Burrage** and **Dr. Crouch**.

A lecture outline with bibliography will be provided at the first lecture, and additional material will be available for classes.

Lectures: So105, Sessional, 25

Classes: So105a, Sessional, 20

Written Work: In addition to the presentation of class papers, each student attending classes should expect to present a short essay on a topic within the course to his/her class teacher during both the Michaelmas and Lent Terms.

Reading List: The following represents a minimal list:

D. Bell, *The Coming of Post-Industrial Society*; R. Bendix, *Work and Authority in Industry*; R. Bendix, *Nation-Building and Citizenship*; S. Berger & M. Piore, *Dualism and Discontinuity in Industrial Societies*; J. Gershuny, *After Industrial Society?*; A. Giddens, *Class Structure of the Advanced Societies*; A. Giddens & D. Held (Eds.), *Class, Power and Conflict*; C. P. Lindblom, *Politics and Markets*; S. M. Lipset & S. Rokkan, *Party Systems and Voter Alignments*; R. Pipes, *Russia under the Old Regime*; P. Schmitter & G. Lembruch (Eds.), *Trends Towards Corporatist Intermediation*; A. Shonfield, *The Use of Public Power*; T. Skocpol, *States and Social Revolutions*.

Examination Arrangements: There is a three-hour advanced notice examination in the Summer Term, in which three out of about 12 questions must be answered.

So5860

The Social Structure of the Soviet Union

Teacher Responsible: Dr. E. A. Weinberg, Room S666 (Secretary, Mrs. Elaine Hartwell, A453)

Course Intended Primarily for B.Sc. c.u. main field Sociology (2nd or 3rd years), B.Sc. (Econ.) Part II; M.Sc.

Scope: Major aspects of Soviet social structure will be examined in relation to problems of industrialisation and social change. The course draws on a wide range of contemporary materials, but places these within an historical perspective.

Syllabus: Particular attention will be given to the analysis of: women, the family, and population policy, urban and rural structure, the distribution of power, the economy, collectivisation, social stratification and mobility, the education system, social welfare, trade unions, religion, nationalities, and the military. Problems of information, the role of ideology, cohesion, conflict and social change will also be discussed. The course will also include the comparative analysis of the Soviet Union as a model of industrialisation.

Pre-Requisites: A knowledge of introductory sociology is assumed. Knowledge of the Russian language is *not* necessary.

Teaching Arrangements: The lectures and classes are given by **Dr. Weinberg** and as such are entirely integrated.

Lectures: 20 Michaelmas and Lent Terms (So121)

Classes: 20 Michaelmas and Lent Terms (So121a)

Written Work: Each student is required to produce several papers for class presentation throughout the year.

Reading List: The following should be consulted for relevant topics throughout the course:

C. Black (Ed.), *The Transformation of Russian Society*; F. Fléron (Ed.), *Communist Studies and the Social Sciences*; A. Inkeles, *Social Change in Soviet Russia* (essays); A. Inkeles & K. Geiger (Eds.), *Soviet Society: a book of readings*; A. Kassof (Ed.), *Prospects for Soviet Society*; D. Lane, *Politics and Society in the USSR*; E. A. Weinberg, *Development of Sociology in the Soviet Union*; A. Brown & M. Kaser, *The Soviet Union Since the Fall of Khrushchev*; J. Pankhurst & M. P. Sacks, *Contemporary Soviet Society*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. Out of 12 or 13 questions, three are to be answered.

So5861

The Development of Modern Japanese Society

Teacher Responsible: Professor Keith Thurley, Room H707 (Secretary, Mrs Ann Morris, H708)

Course Intended Primarily for undergraduates taking the B.Sc. (Econ.) and B.Sc. (Sociology) in the second or third year of study. The course can be taken by others, including post-graduates and General Course students.

Scope: (a) To introduce students to the main patterns of the development of the modern Japanese state and its economic and social institutions since 1600; (b) To discuss the factors behind this development; (c) To examine a range of social, economic and political topics characterising Japan since 1945, discussing the significance of differences with other advanced industrial societies.

Syllabus: Culture, social structure and social change; Japanese ideas and assumptions. Social and economic change in the Tokugawa period. The development of political and industrial elites. Social change in agrarian communities. Urban development in Japan. Educational policy and the educational revolution. The development of large scale organisation and managerial ideology. The growth of the labour unions and the post-war industrial relations system. The labour market and changes in occupational structure. The dynamics of growth and the nature of Japanese capitalism. Social discrimination and social deviance. Democracy and the party system. The internationalisation of Japan. Japan as a case in the convergence debate.

Pre-Requisites: No prior knowledge of Japanese history is assumed, nor knowledge of Japanese language required (although, of course, useful).

Teaching Arrangements: Lectures (So122): twenty-two

Classes: (So122a): twenty-four

Written Work: Students will prepare seminar papers for discussion from the third week of the course. Two essays will be prepared from these papers, one in each of the first two terms.

Reading List: A detailed bibliography, topic by topic, will be given. Major reference books include:

R. P. Dore (Ed.), *Aspects of Social Change in Modern Japan*, 1967; H. Patrick & H. Rosovsky (Eds.), *Asia's New Giant*, 1976; H. Patrick (Ed.), *Japanese Industrialisation and its Social Consequences*, 1976; R. J. Smith & R. K. Beardsley (Eds.), *Japanese Culture, Its Development and Characteristics*, 1963; R.

Clark, *The Japanese Company*, 1979; K. Taira, *Economic Development and the Labor Market in Japan*, 1970; J. Hirschmeier & T. Yui, *The Development of Japanese Business 1600-1973*, 1975; R. P. Dore, *British Factory, Japanese Factory*.

Examination Arrangements: One three-hour paper, with approximately twelve questions. Four questions to be answered.

So5862

Social Structure and Politics in Latin America (Not available 1984-85)

Teacher Responsible: Dr. Ian Roxborough, Room S687 (Secretary, Mrs. Elaine Hartwell, A453, Ext. 454)

Course Intended Primarily for B.Sc. Sociology; B.Sc. (Econ.) Sociology.

Scope: The social bases of politics in Latin America in the twentieth century.

Syllabus: The Michaelmas Term will be devoted to a survey of the historical development of social structures and political processes in the major countries of the region. The remainder of the course will analyse variations in social structure and politics between various Latin American countries, focussing on: dominant classes, working class, peasantry, the state, the military, multinational corporations, etc.

Teaching Arrangements: 23 lectures and classes (So123 and So123a).

Reading List: F. S. Weaver, *Class, State and Industrial Structure*, Greenwood Press, 1980; B. Kean & M. Wasserman, *A Short History of Latin America*, 1980; R. Chilcote & J. Edelstein (Eds.), *Latin America: the Struggle with Dependency and Beyond*, 1974; F. H. Cardoso & E. Faletto, *Dependency and Development in Latin America*, 1979; A. Lowenthal (Ed.), *Armies and Politics in Latin America*, 1976.

Supplementary Reading List: A more detailed reading list is available from **Dr. Roxborough** or his secretary.

Examination Arrangements: A three-hour examination in June. Three questions to be answered.

NB. This course will be given in alternate years only, starting 1986/87.

So5880

Political Sociology

Teachers Responsible: Dr. C. T. Husbands, Room S879 (Secretary, Mrs. Elaine Hartwell, A453) and Mr. A. W. G. Stewart, Room S876 (Secretary, Mrs. Yvonne Brown, S686)

Course Intended Primarily for students in the B.Sc. course unit, main fields Sociology or Social Psychology (second or third years), B.Sc. (Econ.), Part II, special subject Sociology (second or third years), M.Sc. in Sociology.

Scope: The aim of the course is to discuss relevant theoretical and empirical issues in order to introduce the range of problems that define the field of political sociology.

Syllabus: The course presents competing views regarding the nature and scope of political sociology. This involves the analysis of power and the role attributed to power and/or politics within some major sociological paradigms. The distinction between authority and domination is presented. There is a discussion of the analysis of the state and the problem of sociological reductionism; the fascist state as an exceptional form of the capitalist state is also analysed.

A further major focus is the role of classes and elites in the political process and the role of organisation in political activity, which relates to group theory and the development of pluralism. The distribution of power in capitalist and socialist societies is discussed. Further specific topics discussed include the analysis of community power, varying approaches to the study of ideology, the analysis of the mass support received by fascism and Nazism and by post-war neo-fascism in Britain and western Europe. The course also focuses upon more empirical and contemporary issues of mass politics, including the changing nature of political participation, political socialisation, the depth of issue-awareness in western electorates and the changing dynamics of voting behaviour, especially in Great Britain.

Pre-Requisites: Students are normally expected to have taken So100: **Introduction to Sociology** or to be able to present evidence of equivalent knowledge. However, in special circumstances exceptions may be made to this formal requirement.

Teaching Arrangements: There is a lecture course and a series of twenty-two compulsory weekly classes. There is some flexibility in the division of lecturing between Dr. Husbands and Mr. Stewart. In general, however, the lectures in the first part of the course will be

given by Mr. Stewart and those in the second part by Dr. Husbands.

Depending upon the number of students registered in the course, Dr. Husbands and Mr. Stewart each take a weekly class.

Lectures: So130 **Political Sociology**, 20 Michaelmas and Lent Terms
Classes: So130a 22 Sessional

Written Work: The students in each class take turns to write essays on themes connected with the lecture course; these essays are presented to the class for criticism and discussion.

Reading List: R. Aron, *Main Currents in Sociological Thought*, Vol. 1; T. B. Bottomore, *Elites and Society*; D. Butler & D. Stokes, *Political Change in Britain* (2nd edn.); H. H. Gerth & C. W. Mills (Eds.), *From Max Weber: Essays in Sociology*; J. H. Meisel (Ed.), *Pareto and Mosca*; R. Michels, *Political Parties*; N. Poulantzas, *Political Power and Social Classes*.
Supplementary Reading List: N. Abercrombie, S. Hill & B. S. Turner, *The Dominant Ideology Thesis*; P. Anderson, *Considerations on Western Marxism*; D. Apter (Ed.), *Ideology and Discontent*; P. Bachrach, *The Theory of Democratic Elitism: A Critique*; R. Bahro, *The Alternative in Eastern Europe*; D. Beetham, *Max Weber and the Theory of Modern Politics*, Chapters 1 to 5, 8, 9; M. Billig, *Fascists*; I. Budge, I. Crewe & D. Fairlie (Eds.), *Party Identification and Beyond*; R. E. Dowse & J. A. Hughes, *Political Sociology*; A. Effrat (Ed.), *Perspectives in Political Sociology*; D. Kavanagh (Ed.), *The Politics of the Labour Party*; W. Laqueur (Ed.), *Fascism: A Reader's Guide*; J. Larrain, *The Concept of Ideology*; S. M. Lipset, *Political Man*; R. T. McKenzie, *British Political Parties* (2nd edn.); R. T. McKenzie, and A. Silver, *Angels in Marble*; L. W. Milbrath, *Political Participation*; R. Miliband, *The State in Capitalist Society*; R. Miliband, *Marxism and Politics*; L. Minkin, *The Labour Party Conference*, (new edn.); T. Nairn, *The Break-up of Britain*; D. Nicholls, *Three Varieties of Pluralism*; N. H. Nie, S. Verba & J. R. Petrocik, *The Changing American Voter*, (enl. edn.); F. Parkin, *Marxism and Class Theory*; N. W. Polsby, *Community Power and Political Theory* (2nd edn.); P. G. J. Pulzer, *Political Representation and Elections in Britain* (3rd edn.); R. Rose (Ed.), *Studies in British Politics* (3rd edn.); R. Rose (Ed.), *Electoral Participation*; R. Rose, *Class Does Not Equal Party*; M. Rush & P. Althoff, *An Introduction to Political Sociology*; R. Skidelsky, *Oswald Mosley*.

Examination Arrangements: Assessment is entirely by a conventional three-hour written examination in the Summer Term that is based on the full syllabus. The paper contains

nineteen or so questions, of which three must be answered. All questions carry the same maximum of marks.

So5881

Political Processes and Social Change

(Not available 1984-85)

Teacher Responsible: Mr. A. W. Stewart, Room S876 (Secretary, Mrs. Yvonne Brown, S686)

Course Intended Primarily for B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; M.Sc.

(Complementary to the graduate seminar **Political Stability and Change**).

Scope: The aim of the course is to familiarise students with major concepts and theories concerned with the role of political processes in relation to different patterns of social change.

Syllabus: Role attributed to political processes in different theories of social change; sociological theories of state development; the process of state formation and its relation to other social forces; social determinants of major modern political regimes; patterns of political change in relation to modernisation and industrialisation; relations between the state, industrialisation and the development of labour movements; major types of social and political movements; movement and regime in the development of fascism; politics and social change in the study of revolution; continuity and change in post-revolutionary situations.

Pre-Requisites: Primarily an interest in the integration of theory and empirical materials. Some familiarity with basic sociological theory would be of assistance.

Teaching Arrangements: Teaching is by a complementary and entirely integrated series of twenty-one lectures and twenty-one classes. Lectures: So131 — Sessional.

Classes: So131(a) — Classes Sessional.
Written Work: Every member of the class may expect to present two class papers in order to facilitate discussion of the relevant topics.

Reading List: No one book covers the entire syllabus. However, students will find it very helpful to buy the following books which throw light on a variety of topics discussed in the syllabus.

B. Moore, *Social Origins of Dictatorship and Democracy*; T. Skocpol, *States and Social Revolutions*; P. Abrams, *Historical Sociology*.

The following books illuminate central themes and problems for relevant sections of the course.

P. Anderson, *Lineages of the Absolutist State*, part 1 sections 1 and 2 (beginning of Michaelmas Term); C. Tilly, *The Formation of Nation-States in Western Europe*, pp. 601-638 (first half of Michaelmas Term); I.

Wallerstein, *The Modern World System*.

Introduction and chap. 7 (first half of Michaelmas Term); G. Poggi, *The Development of the Modern State*, chaps. iv and v (first half of Michaelmas Term); E.

Hobsbawm, *Primitive Rebels*, chaps. 1-5 (middle of Michaelmas Term); R. Bendix, *Nation-Building and Citizenship*, chaps. 1, 2 and 3 (second half of Michaelmas Term); G.

Roth, *The Social Democrats in Germany* (end of Michaelmas Term); P. Anderson, "Origins of the Present Crisis" in *Towards Socialism* (Ed. Anderson and Blackburn) — 2 offprint copies of this article are available in the Teaching Library (end of Michaelmas Term).

A. Stewart, "Political Movements and Political Participation" *British Political Sociology Yearbook*, Vol. 3 (first half of Lent Term); M. Kitchen, *Fascism* (first half of Lent Term); T. Parsons, "Democracy and Social Structure in Pre-Nazi Germany", and "Some Sociological Aspects of Fascist Movements" in *Essays on Sociological Theory* (first half of Lent Term); A. Gerschenkron, *Bread and Democracy in Germany*; T. W. Mason, "The Primacy of Politics — Politics and Economics in National Socialist Germany" in *The Nature of Fascism*, Ed. S. J. Woolf; B. Moore Jr., *Injustice*, chaps. 8-11; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; A. S. Cohen, *Theories of Revolution* (second half of Lent Term); L. Kaplan (Ed.), *Revolutions: A Comparative Study*, esp. Introduction and Part I (second half of Lent Term); B. Moore, *Soviet Politics: The Dilemma of Power* (second half of Lent Term).

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus. The paper will consist of approximately twelve questions of which candidates are required to answer three.

So5882

Industrialization and Theories of Social Change

(Not available 1984-85)

Teacher Responsible: Dr. Ian Roxborough, Room S687 (Secretary, Mrs. Elaine Hartwell, A453, Ext. 454)

Course Intended Primarily for B.Sc. Sociology and B.Sc. (Econ.) Part II Sociology.

Scope: Social change in the third world.

Syllabus: The course will deal with political and social processes in selected third world societies. It will include such topics as urbanization, agrarian structure, peasant movements, urban class formation, political mobilization, revolutions, the state, military intervention in politics, nationalism, ethnicity and ideology. Empirical materials will be drawn primarily from Latin America, the Middle East and Africa.

Teaching Arrangements: 20 lectures (So132) will be given by Dr. Ian Roxborough (Latin America) and Dr. A. D. Smith (Africa and the Middle East), with classes (So132a).

Reading List: B. Keen & M. Wasserman, *A Short History of Latin America*, Houghton Mifflin, 1980; D. Collier (Ed.), *The New Authoritarianism in Latin American*, Princeton University Press; I. Roxborough, *Theories of Underdevelopment*, Macmillan, 1979; A. Lowenthal (Ed.), *Armies and Politics in Latin America*, Holmes and Meier, 1976; M. Halpern, *The Politics of Social Change in the Middle East and North Africa*, Princeton, 1963; I. Wallerstein, (Ed.), *Social Change, the Colonial Situation*, Wiley, 1966; I. L. Markovitz, *Class and Power in Africa*, Prentice-Hall, 1977; G. Arrighi & J. Saul, *Essays on the Political Economy of Africa*, Monthly Review Press, 1973; A. D. Smith, *State and Nation in the Third World*, Harvester, 1983.

Supplementary Reading List: A more detailed list is available from Dr. Roxborough or secretary.

Examination Arrangements: A three-hour examination in June, divided into two parts (Africa and the Middle East, and Latin America), three questions to be answered, one at least from each part.

So5883

Theories and Problems of Nationalism

Teacher Responsible: Dr. A. D. Smith, Room S776 (Secretary, Mrs. J. Ridyard, A451, Ext. 295)

Course Intended Primarily for B.Sc. Sociology, B.Sc. (Econ.) Sociology and B.Sc. (Econ.) International Relations.

Scope: Investigations into various problems of nationalism and nation-states in their historical, sociological and international aspects, and a consideration of the main theories of their origin and diffusion in Europe and the Third World.

Syllabus: The aspects considered cover four main areas:

1. Theories of nationalism and modernisation, including relations between nations and classes, language and religion, and the role of communications and the state;
2. Aspects of race and ethnicity, and the rise of fascism.
3. Nationalism and the international system, including problems of dependency, secession and self-determination;
4. Relations between nationalism and communism, in the Soviet Union and the Third World.

Pre-Requisites: A suitable course in Anthropology, Sociology, Political Science, International Relations and International History.

Teaching Arrangements: 20 lectures (So133) will be given by:

Dr. A. D. Smith on Theories of Nationalism, and on Nationalism and Communism;
Professor P. Cohen on Race, Ethnicity and Fascism;
Mr. J. Mayall on Nationalism and the International System.

These will be supported by weekly classes (So133a) following the lectures given by the relevant lecturer, with revision classes in the Summer Term.

Reading List: A. Cobban, *National Self-determination*, Oxford UP, 1945; E. Kedourie, *Nationalism*, Hutchinson, 1960; E. Gellner, *Thought and Change*, Weidenfeld & Nicolson, 1964; H. Kohn, *The Idea of Nationalism*, Macmillan, 1967; N. Glazer & D. Moynihan (Eds.), *Ethnicity. Theory and Experience*, Harvard UP, 1975; H. Seton-Watson, *Nations and States*, Methuen, 1977; T. Nairn, *The Break-up of Britain*, New Left Books, 1977; L. Tivey (Ed.), *The Nation-State*, Martin Robertson, 1980; J. Breuilly, *Nationalism and the State*, Manchester UP, 1982; A. D. Smith, *Nationalism in the Twentieth Century*, Martin

Robertson, 1979; A. D. Smith, *The Ethnic Revival*, Cambridge UP, 1981; A. D. Smith, *Theories of Nationalism* (2nd edn.), Duckworth, 1983.

Supplementary Reading List: A more detailed reading list is available from Dr. Smith or secretary.

Examination Arrangements: A three-hour exam in June, divided into a Sociology and a Politics/History section, four questions to be answered with at least one question to be answered from each section.

So5916

Urban Sociology

(Not available 1984-85)

Teacher Responsible: Dr. C. T. Husbands, Room S879 (Secretary, Mrs. Elaine Hartwell, A453)

Course Intended Primarily for students in the B.Sc. course unit main field Sociology (second or third years) and B.Sc. (Econ.) Part II, special subject Sociology (second and third years).

Scope: The aim of the course is to teach students both about the intellectual origins of urban sociology and also about contemporary theoretical debates and empirical research in the subject.

Syllabus: This course both analyses social and economic phenomena that have differential distributions in urban space and also examines the role of space in mediating urban social relationships.

Subjects covered under the first of these categories include: contributions to the study of human ecology by the Chicago School, later developments in ecological analysis, the role of urban renewal and slum clearance in affecting urban ecology, and the contributions of the recently developed Marxist school of urban analysis. There are also discussions of the dimensions of the 'inner-city problem', of the dynamics of residential segregation by race, and of race differentials in access to urban housing and employment.

Under the second category of subject matter the course examines such issues as urban crowding, territoriality in an urban environment, racist voting behaviour, defensible space, and related issues in the sociology of housing design.

There is a small compulsory project in which students use the computer to perform an exercise in factorial ecology upon census data for Greater London; no previous acquaintance with the computer is required.

Pre-Requisites: Students are normally expected to have taken So100: *Introduction to Sociology* or to be able to present evidence of equivalent knowledge. However, in special circumstances exceptions may be made to this requirement.

Teaching Arrangements: There is a lecture course and a series of twenty-two weekly classes.

Lectures: So134 *Urban Sociology* 22 sessional
Classes: So134a 22 sessional

Written Work: For the classes students take turns to prepare essays on themes connected with the lecture course; these essays are presented to the class for criticism and discussion.

Reading List: E. W. Burgess & D. J. Bogue, *Contributions to Urban Sociology*; M. Castells, *The Urban Question*; L. J. Duhl (Ed.), *The Urban Condition*; M. Harlow (Ed.), *Captive Cities*; P. K. Hatt & A. J. Reiss (Eds.), *Cities and Society*; W. H. Michelson, *Man and His Urban Environment, with Revisions*; C. G. Pickvance (Ed.), *Urban Sociology: Critical Essays*; M. Stewart (Ed.), *The City*; G. A. Theodorson (Ed.), *Studies in Human Ecology*.
Supplementary Reading List: K. Bassett & J. R. Short, *Housing and Residential Structure*; B. J. L. Berry & J. D. Kasarda, *Contemporary Urban Ecology*; M. Castells, *City, Class and Power*; G. E. Cherry, *Urban Change and Planning*; C. Cockburn, *The Local State*; P. Dunleavy, *Urban Political Analysis*; J. L. Freedman, *Crowding and Behaviour*; H. J. Gans, *People and Plans*; P. Hall (Ed.), *The Inner City in Context*; D. Harvey, *Social Justice and the City*; D. T. Herbert & R. J. Johnson (Eds.), *Social Areas in Cities*; Housing Workshop of the Conference of Socialist Economists, *Political Economy and the Housing Question*; *Housing and Class in Britain: Housing, Construction and the State*; P. Lawless, *Britain's Inner Cities*; T. R. Lee, *Race and Residence*; C. Mercer, *Living in Cities*; S. Merrett, *State Housing in Britain*; National Community Development Project, *The Costs of Industrial Change*; O. Newman, *Defensible Space*; J. Rex & S. Tomlinson, *Colonial Immigrants in a British City*; P. Saunders, *Urban Politics*; D. J. Smith, *Race Disadvantage in Britain*; K. Young & P. L. Garside, *Metropolitan London*.

Examination Arrangements: Assessment is entirely by a three-hour written examination in the Summer Term that is based on the full syllabus. The paper contains sixteen or so questions, of which four must be answered. All questions carry the same maximum of marks.

Industrial Sociology

Teacher Responsible: Dr. S. R. Hill, Room A454a (Secretary, Mrs. Elaine Hartwell, A453, Ext. 454)

Course Intended Primarily for undergraduate B.Sc. Soc. and B.Sc. (Econ.) special subjects Sociology and Industrial Relations.

Scope: Coverage of modern industrial sociology, with an emphasis on the labour process and issues of political economy.

Syllabus: Competing interests at work. The development of the managerial function. Managerial structure and goals. Bureaucracy and organizational theory. The Japanese corporation. Self-management. Industrial democracy. Work behaviour and job satisfaction. The deskilling debate. Labour market segmentation. Women in employment. The institutionalization of industrial conflict. Trade union representativeness and effectiveness. The structure of the working and middle classes. Ideology and consciousness. The collective organization of non-manual employees. The state, political parties and the economy.

Pre-Requisites: Normally one of **Introduction to Sociology, The Social Structure of Modern Britain, Introduction to Social Anthropology**, but this requirement is waived for B.Sc. (Econ.) special subject Industrial Relations.

Teaching Arrangements: There will be 20 lectures (So140) and 23 classes (So140a) given by Dr. Hill and Mr. Burrage.

Written Work: Each student is expected to present at least one class paper per session and, depending on the number of people per class, may be asked to present two.

Reading List: The recommended textbook is S. Hill, *Competition and Control at Work*. Other books of a general nature that cover substantial parts of the syllabus are: H. Braverman, *Labor and Monopoly Capital*; C. Crouch, *Trade Unions: The Logic of Collective Action*; R. Edwards, *Contested Terrain*; A. Giddens & G. Mackenzie (Eds.), *Social Class and the Division of Labour*; D. M. Gordon, et al., *Segmented Work, Divided Workers*; S. Wood (Ed.), *The Degradation of Work?*

The major additional references for individual topics on the syllabus, arranged chronologically by topic are:

A. Fox, *Beyond Contract*, chaps. 6 and 7; C. Littler, *The Development of the Labour Process*; J. Scott, *Corporations, Classes and Capitalism*, chaps. 2-4; M. Crozier, *The Bureaucratic Phenomenon*, Part 3; R. Dore, *British Factory - Japanese Factory*; K. Bradley

So5917

& A. Gelb, *Worker Capitalism*; J. Thornley, *Workers' Co-operatives*; M. Poole, *Workers' Participation in Industry*; J. Goldthorpe et al., *The Affluent Worker*, Vol. 1; A. Zimbalist, *Case Studies on the Labor Process*; I. Berg (Ed.), *Sociological Perspectives on Labor Markets*, chaps. 4 and 5; A. Amsden (Ed.), *The Economics of Women at Work*; J. West (Ed.), *Work, Women and the Labour Market*; W. Korpi & M. Shalev, 'Strikes, industrial relations and class conflict', *British Journal of Sociology*, 1979; A. Carew, *Democracy and Government in European Trade Unions*; C. Mulvey, *The Economic Analysis of Trade Unions*, chaps. 8 and 9; A. Giddens, *The Class Structure of the Advanced Societies*; N. Abercrombie et al., *The Dominant Ideology Thesis*; G. Bain, *The Growth of White-Collar Unionism*; F. Parkin, *Marxism and Class Theory*, Part 2.

A more comprehensive bibliography will be available to students taking this course.

Examination Arrangements: A three-hour formal examination in the Summer Term, students answering three questions.

So5918

Sociology of Sex and Gender Roles: Women in Society

Teacher Responsible: Dr. L. Sklair, Room A350 (Secretary, Mrs. Y. Brown S686)

Course Intended Primarily for B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd year.

Scope: The nature and causes of sex and gender role differences over time and place.

Syllabus: A comparative study of the roles of men and women in society, and the kind and extent of inequalities between them. An examination of theories of sex discrimination: feminist, Marxist, sociological, psychological and biological. Family structures and their implications for gender roles in the political, economic, occupational, religious, and cultural spheres. Comparative material will be drawn chiefly from Britain, the United States, Scandinavia and the Soviet Union.

Teaching Arrangements: The course will consist of 24 lectures (So141) and a weekly class (So141a). The class lists are posted on the notice boards on the Ground Floor of the Main Building.

The lectures will provide an account of the main theories and a survey of the main sources for each of the areas to be covered in the course, while the classes will look in detail

at the specific topics listed in the attached "Class Topics" reading list.

Written Work: Students will be expected to prepare one or more class papers and these will normally be revised in light of the class discussion and handed in to be marked by class teachers. Some topics may extend over more than one week.

General: (a) Although there is no single textbook that covers all the topics included in the course, there are several books that provide a sound introduction to several parts of the course. Students are advised to buy and study closely at least one of the following:

S. Delamont, *A Sociology of Women*; A. Oakley, *Sex, Gender and Society*; A. Oakley, *Subject Women*; J. Rohrbaugh, *Women: Psychology's Puzzle*; Bristol Women's Study Group, *Half The Sky*; Cambridge Women's Study Group, *Women in Society*; J. Lewis (Ed.), *Women's Welfare, Women's Rights*; E. Whitelegg et al. (Eds.), *The Changing Experience of Women*; M. Evans (Ed.), *The Woman Question*.

(b) There are several journals that specialise in this area. The most useful of these are:

Feminist Review (LSE Main Library); *Signs* (LSE Main Library); *Sex Roles* (Senate House); *International Journal of Women's Studies History Workshop Journal* (LSE Main Library).

(c) There are good booklists in many of the items in the reading list. In addition the following three works are particularly useful: BSA, *Sociology Without Sexism: a Sourcebook*; M. Evans & D. Morgan, *Work on Women: A Guide to the Literature*; M. Warren, *The Nature of Woman: An Encyclopaedia and Guide to the Literature*.

The journal *Signs* regularly features review articles on feminist scholarship in many disciplines. Of particular relevance for the course are:

L. Lamphere, "Anthropology", Vol. 2 (Spring 1977), pp. 612-27.

M. Boxer, "For and About Women", Vol. 7 (Spring 1982), pp. 661-95.

(d) Many journals in specialist areas have in recent years produced special issues on topics for the course. You may find the following useful:

"Women in Communist Systems", *Studies in Comparative Communism*, XIV (Summer 1981)

"Rape", *Journal of Social Issues* 37, no. 4 (1981)

"Homosexuality: the end of an Illness", *American Behavioural Scientist*, 25 (March 1982)

"Sexuality in History", *Journal of Contemporary History*, 17 (April 1982)

"Women's Issue", *Critique of Anthropology*, 3,

9 and 10 (1977)

"Sex Roles: Resistance and Change", *Journal of Social Issues*, 32, 3 (1976)

"Asian Women", *Bulletin of Concerned Asian Scholars*, 7 (Jan.-March, 1975)

"Women and the City", *International Journal of Urban and Regional Research*, 1, 3 (Oct. 1978)

Examination Arrangements: The examination will consist of a three hour unseen written paper in which three questions must be answered. The examination paper will be based on the topics covered in the "Class Topics" list.

So5919

Criminology

Teacher Responsible: Professor T. P. Morris, Room S877.

For full details on this course please see the teacher responsible.

So5920

Sociology of Deviant Behaviour

Teachers Responsible: Dr. P. E. Rock, Room S875 (Secretary, Mrs. Elaine Hartwell, A453), and Dr. D. Downes, Room A246 (Secretary, Rachel Mawhood, A255)

Course Intended Primarily for B.Sc. Sociology 3rd year and B.Sc. (Econ.) Sociology Option, 3rd year.

Scope: The aim of the course is to introduce students to the major theories of deviance and control, and their detailed application to specific forms of deviance.

Syllabus: Detailed consideration is given to the major sociological perspectives on deviance and control, including ecology and the 'Chicago School', functionalism, Marxism, cultural and subcultural theories, symbolic interactionism and allied approaches and 'control' theories. The emphasis throughout is upon the empirical application of these approaches to substantive areas of deviance such as various forms of crime and delinquency, mental illness and drug use.

Pre-Requisites: Introductory courses in sociological theory and social structure; **Criminology** (So143) is recommended.

Teaching Arrangements: There is a lecture course and classes.

Lectures: So144: **Sociology of Deviant Behaviour**, given by **Dr. Downes** and **Dr. Rock**. There are ten lectures, one per week in the Michaelmas Term only.

Classes: So144a: 20 weekly classes in the Michaelmas and Lent Terms of the 3rd year. Classes are one and a half hours long, teacher — **Dr. Rock**.

Written Work: One essay per term is strongly recommended. One introductory paper per term is expected in class.

Reading List: There is no set text for the course, and a full reading list covering all classes is provided at the first class. The following is basic reading:

D.M. Downes & P. E. Rock, *Understanding Deviance*; H. Becker, *Outsiders* (2nd edn.); A. K. Cohen, *Deviance and Control*; D. Matza, *Becoming Deviant*; I. Taylor, P. Walton & J. Young, *The New Criminology*; S. Cohen, *Folk Devils and Moral Panics* (2nd edn.); S. Cohen & L. Taylor, *Psychological Survival*; S. Box, *Deviance, Reality and Society*; R. Hood (Ed.), *Crime, Criminology and Public Policy*; E. Rubington & M. Weinberg, *Deviance: The Interactionist Perspective* (2nd edn.); W. G. Carson & P. Wiles (Eds.), *Crime and Delinquency in Britain* (Vols. 1 & 2).

Examination Arrangements: Students sit one 3-hour examination. Three questions must be answered from a total of c. 14.

So5921
So6880

The Sociology of Religion (Undergraduate and Post graduate)

(Undergraduate course not available
1984-85)

Teachers Responsible: Professor D. A. Martin, Room S777 (Secretary, Mrs. Yvonne Brown, S686) Mrs. E. Barker, Room S684 (Secretary, Mrs. Jean Ridyard, A451)

Course Intended Primarily for B.Sc. Soc. or B.Sc. Econ. students who make it an option. The material is recommended for 2nd/3rd year students and the course is given once every two years.

Scope: The course concentrates on western religion, but arrangements can be made for those wishing to concentrate on a non-western religion. Teachers recommend that only a select group of topics is studied and the

examination will allow for this approach. **Syllabus:** Professor Martin concentrates on a historical survey of relationships between religion and society introducing en route.

The Weber thesis
The Halevy thesis
The Secularisation debate
and issues relating to:
Church, Sect, Denomination, Cult Millennialism.
Mrs. Barker concentrates on more specifically modern issues, as for example sects and cults, religion and science.

The overall idea is
(a) to relate religion to basic theoretical approaches, e.g. Durkheim, Marx, Weber.
(b) to concentrate somewhat on Anglo-American material, so as to bring the material under control.

Teaching Arrangements: A weekly lecture course (So142) and a class (So142a). If for some reason a student needs to take the sociology of religion in a year when it is not being given, he or she can be allocated Mrs. Barker or Professor Martin as tutors. This should not normally be necessary.

Post-Graduate Seminar (So166)
This course takes the above as the examinable core of the subject, but varies the examination in accordance with the interests of students participating. It is chaired alternately by Professor Martin and Mrs. Barker.

Written Work: This is confined to papers given in classes which should not exceed ten minutes in length.

Reading List: What follows is a minimal reading list. Two Supplementary reading lists are available which students can use when they wish to pursue a particular topic in depth. The inner core is starred.

General
*B. Wilson, *Religion in Sociological Perspective*, (O.U.P.); J. M. Yinger, *The Scientific Study of Religion*, (Free Press); *M. Hill, *A Sociology of Religion*; N. Birnbaum & G. Lenzer, *Sociology and Religion*; R. Robertson, *The Sociological Interpretation of Religion*; Y. M. Yinger, *Religion, Society and the Individual*.

Readings
*R. Robertson, *Sociology of Religion*, (paperback).

Durkheim
S. Lukes, *Emile Durkheim* (chaps. 11 and 23); W. S. F. Pickering (Ed.), *Durkheim on Religion*; M. Ginsberg, *On the Diversity of Morals* (chaps. 4, 13, 14).

In the Durkheimian tradition read:-
M. Douglas, *Purity and Danger*; M. Douglas, *Natural Symbols*.

Marx
K. Marx & F. Engels, *On Religion*; N.

Birnbaum, *Beyond Marx in the Sociology of Religion* in C. Y. Glock & P. E. Hammond (Eds.), *Beyond the Classics*; A. MacIntyre, *Marxism and Christianity*.

Weber
*S. N. Eisenstadt, *The Protestant Ethic and Modernization* (especially Eisenstadt, Fischhoff, and Bellah); R. W. Green (Ed.), *Protestantism and Capitalism*.

Halevy
See the bibliography given in the relevant chapter of M. Hill, *A Sociology of Religion*.
B. Semmel, *The Methodist Revolution*.

Freud
P. Rieff, *The Mind of the Moralist*; C. Badcock, *The Psychoanalysis of Culture*.

Secularisation
*K. Dobbelaere, "Secularism" in *Current Sociology*, Vol. 29, No. 2, Sage Publications, Summer 1981; *D. Martin, *A General Theory of Secularization*, Blackwell; H. McLeod, *Religion and the People of Western Europe, 1789-1970*, Oxford University Press, Opus Paperback Series, 1981; H. J. Ausmus, *The Polite Escape*, Ohio University Press; P. Berger, *The Sacred Canopy*; R. Bellah, "Religious Evolution" in *American Sociological Review*, June 1964.

The Millennium
N. Cohn, *The Pursuit of the Millennium*; *B. Wilson, *Magic and the Millennium*; D. Martin, *Pacifism*; J. F. C. Harrison, *The Second Coming* (Routledge); J. Beckford, *The Trumpet of Prophecy*; P. Worsley, *The Trumpet Shall Sound*.
Church and Sect
M. Hill, *The Religious Order*; R. Stark & W. S. Bainbridge, "Of Churches, Sects and Cults" in *Journal for the Scientific Study of Religion*, June 1979; R. Wallis (Ed.), *Sectarianism*; B. Wilson, *Religious Sects*; B. McSweeney, *Roman Catholicism*, Blackwell.

Charisma
E. Shils, Entry in *International Encyclopedia of the Social Sciences*; *B. Wilson, *The Noble Savages*.

Civil Religion
J. Wilson, *Public Religion in American Culture*, Temple UP; J. Wilson, *Religion in American Society*.

America
*G. Marsden, *Fundamentalism in American Culture*, Oxford U.P.; H. R. Niebuhr, *The Kingdom of God in America*; Dean M. Kelley, *Why Conservative Churches are Growing*; R. Stark & C. Y. Glock, *American Piety*; Wade Clark Roof, *Community and Commitment*, Elsevier; *"Daedalus", in *Religion*, Winter 1982.

Britain
A. D. Gilbert, *Religion and Society in Industrial England*; *A. D. Gilbert, *The*

767 *Sociology*

Making of Post-Christian Britain, Longman; B. Martin, *A Sociology of Contemporary Cultural Change*, Blackwell.

Comparative
*H. Mol (Ed.), *Western Religion*, Mouton.
New Religious Movements, Cults etc.
R. Quebedeaux, *The New Charismatics*; C. Y. Glock & R. N. Bellah, *The New Religious Consciousness*; J. M. Yinger, *Countercultures*, (Free Press); D. G. Bromley & A. D. Shupe, *Moonies in America*; E. Cashmore, *Rastaman*; I. Zaretsky & M. P. Leone (Eds.), *Religious Movements in Contemporary America*; E. Barker (Ed.), *New Religious Movements*.

Science
L. S. Feuer, *The Scientific Intellectual*; H. W. Kearney, *Origins of the Scientific Revolution*.

Clergy
A. J. Russell, *The Clerical Profession*; R. Towler & A. Coxon, *The Fate of the Anglican Clergy*.

Examination Arrangements: Three-hour formal paper of about a dozen questions in all, four of which are to be attempted. Questions will be set by the teachers involved. At the time of writing there is an optional long essay on one of a group of set topics.

So5922

Sociology of Medicine

Teacher Responsible: Dr. S. Taylor, Room S664 (Secretary, Mrs. Yvonne Brown, S686)

Course Intended Primarily for B.Sc. Sociology and B.Sc. (Econ.) Part II Sociology; other c.u. students may attend with permission of teacher responsible.

Scope and Syllabus: The aim of the course is the analysis of medicine as a social institution: its origins, development, contemporary organization and social consequences. Detailed consideration will be given to the following themes. Comparative analysis of the social construction of the concepts of health and illness. Medicine in industrial society; public health and social change, the development of modern medicine. The medical professions. Structural influence on health, illness and life chances. Becoming a patient: defining and experiencing illness, stigma and social identity. The organisation of health care services; the politics and economics of health care. Medicine and social control. Medicine, law and ethics.

Pre-Requisites: One of: Introduction to

Sociology, Introduction to Social Anthropology, Social Structure of Modern Britain.

Teaching Arrangements: Lectures (So145) 20 lectures.

Classes: (So145a) weekly classes.

Written Work: Students will be expected to present at least one seminar paper, and there will be one assessed piece of course work.

Reading List: R. Dingwall *et al* (Eds.), *Health Care and Health Knowledge*; E. Friedson, J. Lorber (Eds.), *Medical Men and their Work*; D. Tuckett, *An Introduction to Medical Sociology*; N. Parry & J. Parry, *The Rise of the Medical Profession*; V. Navarro, *Class Struggle, the State and Medicine*; I. Illich, *Medical Nemesis*; C. Ham, *Choices for Health Care*; P. Wright & A. Teacher, *The Problem of Medical Knowledge*; R. Dingwall, *Aspects of Illness*; P. Townsend & N. Davidson, *Inequalities in Health*; I. Kennedy, *The Unmasking of Medicine*; J. Glover, *Causing Death and Saving Lives*.

Note: most references for this course are to be found in the journals especially: *Journal of Health and Illness*, *Social Science and Medicine*, *Medicine, Science and the Law*, *Journal of Health and Social Behaviour*, and *Medical History*.

Examination Arrangements: A conventional three-hour unseen written examination which will count for 70% of the mark, and one assessed piece of course work which will count for the remaining 30%.

So5945

Society and Literature (Not available 1984-85)

Teacher Responsible: Dr. Alan

Swingewood, Room A352 (Secretary, Miss Josephine Johnson, S779)

Course Intended Primarily for B.Sc. c.u. main field Sociology 2nd or 3rd year and B.Sc. (Econ.) Part II 2nd or 3rd year.

Scope: The aim of the course is to introduce students to the problems of theory and method in analysing the relation of different forms of literature (fiction mainly) to different forms of society. The theory is applied to specific texts such as novels or plays.

Syllabus: An analysis of the major contributions to the theoretical study of the sociology of literature: Lukacs, Goldmann, Raymond Williams; Marxism, structuralism, semiotics.

The theory of mass society and mass culture; the relation of literacy to social development and culture.

The sociology of culture; authors and readers; the sociology of reading. The problem of aesthetic analysis in sociology. Some examples of sociological analysis of fiction.

Pre-Requisites: No particular knowledge of literature or literary theory is required but some knowledge of sociology is desirable in particular sociological theory.

Teaching Arrangements: There is a two hour lecture (So113) during the Michaelmas Term followed by a two hour seminar (So113a) during the Lent Term.

Each student is expected to produce at least one seminar paper and two essays.

Reading List: There is no adequate text book but the most useful are: J. Hall, *The Sociology of Literature* (pb); J. Wolff, *The Social Production of Art* (pb); R. Williams, *Marxism and Literature* (pb); D. Laurenson & A. Swingewood, *The Sociology of Literature*.
Examination Arrangements: There is a three hour formal examination in the Summer Term. The examination is an advance notice paper which means that the student gets the examination paper three weeks before the examination. The student must answer three questions. In addition each student must write a 2500 word essay analysing sociologically any novel, play or poem of their choice; this essay must be handed in before a specified date at the beginning of May.

The formal examination counts for 70% and the essay for 30% of the examination mark.

So5946

Sociology of Knowledge and Science (Not available 1984-85)

Teacher Responsible: Dr. A.

Swingewood, Room A352 (Secretary, Miss Josephine Johnson, S779)

Course Intended Primarily for B.Sc. (Sociology) 2nd or 3rd years and B.Sc. (Economics) 2nd or 3rd years.

Scope: The aim of the course is to introduce students to the main traditions in the sociology of knowledge and science by focussing on the contributions of major sociologists such as Marx, Durkheim, Mannheim, Weber, Schutz, Merton and analysing the development of particular approaches such as those of the Frankfurt School and Phenomenology.

Syllabus: A critical examination of the work of Marx, Weber, Durkheim and Mannheim. The social organisation of knowledge in

modern industrial society. The relation of knowledge to elites. Forms of knowledge and forms of society. The social organisation of science and the problem of a sociology of science in the work of Popper, Kuhn and Merton.

Pre-Requisites: A knowledge of the main theoretical traditions in sociology is desirable. No knowledge of philosophy is required although this would be useful.

Teaching Arrangements: There are 20 one hour lectures and 20 classes in the Michaelmas and Lent Terms.

Lectures: So112

Classes: So112(a)

Each student is expected to produce two class papers and two essays.

Reading List: The most useful texts are: P. Hamilton, *Knowledge and Social Structure* (pb); N. Abercrombie, *Class Structure and Knowledge* (pb); J. Larrain, *The Concept of Ideology*; Z. Baumann, *Hermeneutics and Social Science*; L. Sklair, *Organised Knowledge*.

Examination Arrangements: There is a three hour formal examination in the Summer Term based on the full syllabus. The student must answer three questions.

So5960

The Psychoanalytic Study of Society

Teacher Responsible: Dr. C. Badcock, Room S665 (Secretary, Miss

Josephine Johnson, S779)

Course Intended Primarily for B.Sc. Sociology, B. Sc. Social Psychology — 2nd year option, B.Sc. Social Anthropology; B.Sc. Social Science and Administration — first year, B.Sc. Econ. Parts I and II, General Course students, and to all other students in the School who may follow an optional course taught in the department of sociology.

Scope: The course aims to provide students of the social sciences with a basic grounding in the aspects of psychoanalysis relevant to their discipline. It explores common ground between the sociological and psychoanalytic perspectives of society and outlines a central paradigm for the understanding of how cultural and economic factors, personality structures and basic biological drives interact in constituting human social behaviour.

Syllabus: The course is based on Freud's cultural theory and its relation to psychoanalysis in general. It considers

individual psychological ontogeny as recapitulating social phylogeny and considers the inter-relations between culture, religion and psycho-pathology. It looks at group psychology and the structure of the ego, object-relations and social interactions, and the theory of groups. It examines the literature of psychoanalytic anthropology and sociology and considers the sociological critique of psychoanalysis and the psychoanalytic critique of sociology. It attempts to define psychoanalysis as a central paradigm in the social sciences and explores its relations with sociology, psychology, anthropology, economics and history.

Pre-Requisites: None, but prior attendance at course PS101 (**Psychoanalytic Theories and their derivatives**) would be desirable.

Teaching Arrangements: A one hour lecture (So114) each week and a weekly class (So114a)

Written Work: entirely at the class teacher's discretion. There is no formal course work.

Reading List: S. Freud, *Totem and Taboo*; *Civilisation and Its Discontents*; *Group Psychology and the Analysis of the Ego*; *Moses and Monotheism*; *The Question of Lay-analysis*; *Introductory Lectures on Psychoanalysis*; A. Freud, *The Ego and the Mechanisms of Defence*; *Normality and Pathology in Childhood*; *A Study-guide to Freud's Writings*; G. Roheim, *Psychoanalysis and Anthropology*; *The Riddle of the Sphinx*; E. Jones, *Essays on Applied Psychoanalysis*; *The Nightmare*; P. A. Robinson, *The Sexual Radicals*; T. Reik, *Ritual*; A. Kardiner, *The Psychological Frontiers of Society*; G. Devereux, *From Anxiety to Method in the Behavioural Sciences*; *Dreams in Greek Tragedy*; E. Erikson, *Childhood and Society*; E. Fromm, *The Sane Society*; W. LaBarre, *The Ghost Dance*; C. Levi-Strauss, *The Elementary Structures of Kinship*; M. Spiro, *Oedipus in the Robriands*; H. Marcuse, *Eros and Civilization*; B. Mazlish, *Psychoanalysis and History*; W. Muensterberger *et al.* (Eds.), *The Psychoanalytic Study of Society*, 10 vols.; W. Rieff, *Triumph of the Therapeutic*; F. Weinstein & G. Platt, *Psychoanalytic Sociology*; M. Fortes, *Oedipus and Job in West African Religion*; R. Fox, *The Red Lamp of Incest*; J. H. Crook, *The Evolution of Human Consciousness*; C. Badcock, *Levi-Strauss. The Psychoanalysis of Culture: Madness and Modernity*; N. O. Brown, *Life Against Death*; R. Bocoock, *Freud and Modern Society*; *Sigmund Freud*; R. Endleman, *Psyche and Society*; S. Moscovici, *La Psychanalyse: Son Image et Son Public*.

Supplementary Reading List: A supplementary reading list associated with class topics will be

issued to students at the beginning of the course.

Examination Arrangements: A three-hour unseen examination towards the end of the Summer Term.

So6800

Methods of Sociological Study

Teacher Responsible: Mr. G. Rose, S667 (Secretary, Miss Josephine Johnson, S779)

Course Intended Primarily for M.Sc.

(Sociology), for which it is the compulsory course. Part-time students taking the M.Sc. over two years may wish to note that the course can be taken in either the first or second year.

First year M.Phil. (Sociology) students are encouraged to attend either the whole or parts of the course, but their attendance is optional.

Scope: The aim of the course is to discuss main aspects of the research methods used in Sociology. However it is not a specialist course, nor is it of a technical nature; it is devised to meet the general needs of M.Sc. students as a whole.

Syllabus: The main problems arising in the logic of sociological research, the design of social investigations, the collection of data, and the analysis and interpretation of results.

Pre-Requisites: This is not a course on statistical techniques, but it is an advantage for students to have a prior knowledge of elementary statistics approximately to the level required for the London B.Sc.

(Sociology) degree. Any students who wish to refresh their memories or who need to fill in gaps in their knowledge can attend undergraduate course SM202, either in full or in part.

Teaching Arrangements: There are two series of seminars

So160: Design and Analysis of Social Investigation. 26 Sessional.

So161: Design and Analysis of Social Investigation (special topics) 10 Michaelmas and Lent Term.

Each series of seminars will intersperse three methods of teaching:

(a) lecture followed by discussion

(b) student seminar papers followed by discussion

(c) invited guest speakers, talking about their own research or special topics.

Part of the assessment for the course is, in normal circumstances, a "project paper" which involves the design of a research study (see section on examination arrangements, below). Approximately one-third of the seminars will, therefore, focus on this topic. However, students may substitute one of two other options for this project paper.

Either (a) Course SM268, **Further Statistical Methods**. This course focusses on topics such as non-parametric techniques, analysis of variance and covariance, multiple regression and other selected multivariate techniques. It assumes a knowledge of introductory statistics comparable to SM202. For further details of the course, including examination methods, see the relevant study guide.

or (b) In exceptional cases, students may submit an *extended paper on a methodological subject* (the topic to be determined in consultation with Mr. Rose).

Written Work: In normal circumstances (i.e. when the student undertakes the "project paper"), he or she will write three papers as part of their course: (i) at the end of Michaelmas Term, (ii) at the end of Lent Term, and (iii) at the beginning of Summer Term. Papers (iii) will be based on the student's project, and acts as preparation for the final project paper, which is formally examined (see section on examination arrangements, below).

If option (a) is taken instead of the project paper, papers (i) and (ii) are required, plus the usual requirements of course SM268. If option (b) is taken, papers (i) and (ii) are required, and paper (iii) will act as preparation for the *extended paper on a methodological subject*. Students should also expect to give up to three seminar papers, of which one will be on their project (or their option).

Reading List: No one book covers the whole syllabus. Students are advised to purchase L. H. Kidder, *Research Methods in Social Relations*, (4th edn.) Holt, 1981; G. Rose, *Deciphering Sociological Research*, Macmillan, 1982.

Readings which students may wish to consult include: K. D. Bailey, *Methods of Social Research*, Free Press, 1978; C. Bell & H. Newby (Eds.) *Doing Sociological Research*, Allen & Unwin, 1977; H. S. Becker, *Sociological Work*, Aldine, 1970; M. Bulmer (Ed.), *Sociological Research Methods*, Macmillan, 1977; R. G. Burgess (Ed.), *Field Research: a Sourcebook and Field Manual*, Allen & Unwin, 1982; D. T. Campbell, & J. C. Stanley, *Experimental and Quasi-*

Experimental Designs for Research, Rand McNally, 1963; N. K. Denzin, *The Research Act*, McGraw-Hill, 1978; G. Hoineville *et al.*, *Survey Research Practice*, Heinemann, 1978; C. Marsh, *The Survey Method*, Allen & Unwin, 1982; G. J. McCall, & J. L. Simmons, *Issues in Participant Observation*, Addison-Wesley, 1969; R. K. Merton, *On Theoretical Sociology*, Free Press, 1968; D. C. Miller, *Handbook of Research Design and Social Measurement*, McKay, 1970; C. A. Moser, & G. Kalton, *Survey Methods in Social Investigation*, Heinemann, 1971; A. Orenstein, & W. R. F. Phillips, *Understanding Social Research*, Allyn and Bacon; L. Schatzman & A. L. Strauss, *Sociology*, Prentice-Hall; C. Seltiz *et al.*, *Research Methods in Social Relations* (2nd, 3rd edns.), Holt, 1976; M. Shipman, *The Limitations of Social Research*, Longman, 1972; M. Shipman (ed.), *The Organisation and Impact of Social Research*, Routledge, 1976; J. Silvey, *Deciphering Data*, Longman, 1975; H. W. Smith, *Strategies of Social Research*, Prentice-Hall, 1975, 1981; J. P. Wiseman & M. S. Aron, *Field Projects for Sociology Students*, Schenkman, 1970.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the whole syllabus. The paper contains ten questions of which three are to be answered. Copies of previous years' papers are available.

66% of the total assessment for the course is based on the examination paper. The other 34% is awarded *either* on the project paper, assigned during Lent Term, *or* on one of the two alternatives listed above.

So6815

Sociological Theory (Seminar)

Teachers Responsible: Professor P. S. Cohen, Room K204 and Dr. M. Mann, Room S778 (Secretaries, Miss J. Gauntlett, S878 and Mrs. Y. Brown, S686)

Course Intended Primarily for M.Sc. students
Syllabus: Recent trends in sociological theory. The exact syllabus is worked out at the

beginning of the academic year according to the interests of students doing the course. Among the topics covered are: phenomenology, hermeneutics, contemporary Marxism, neo-evolutionary theory, and recent trends in historical and comparative sociology. Students are assumed to have a basic grounding in classical theory, but they may pursue more intensively selective themes within it if they wish.

Teaching Arrangements: Twenty-two two-hour seminars (So171) weekly throughout the Session. Dr. Mann, Michaelmas and Lent Terms and Professor Cohen, Lent and Summer Terms.

Reading List: This is mainly constructed at the beginning of the terms. Useful introductory books are: P. Cohen, *Modern Sociological Theory*; A. Gouldner, *The Coming Crisis of Western Sociology*. **These two books are useful for trends up to c.1965.** J. H. Turner, *The Structure of Sociological Theory*; A. Giddens, *Central Problems of Sociological Theory*; A. *Contemporary Critique of Historical Materialism*.

Examination Arrangements: One three-hour formal examination in the Summer Term, comprising topics agreed with the students and covered in the course of the seminar series. Students must answer three from about ten questions.

So6830

Social Structure of Industrial Societies

Teachers Responsible: Dr. Michael Burrage (Course Convener), Room A375 and Dr. Elizabeth Weinberg, Room S666 (Secretary, Mrs. Elaine Hartwell, A453), Dr. Colin Crouch, Room A351 (Secretary, Mrs. Jean Ridyard, A451)

Course Intended Primarily for M.Sc. Sociology, available as an outside option within some other M.Sc. courses. M.A. Area

Studies (United States).

Scope: The aim of the course is to increase students' knowledge of a number of industrial societies by concentrating on the application to them of certain major sociological theories. **Syllabus:** Political power, labour movements and industrial relations, education and work, stratification and social mobility in industrial societies. Problems of comparative analysis. The course will focus on Britain, France, Germany, the U.S.S.R., U.S.A. and Japan.

Pre-Requisites: A first degree in sociology or some experience of undergraduate courses in sociology. (Students reading for the M.A. Area Studies (United States) are subject to different rules concerning pre-requisites).

Teaching Arrangements: Course comprises at least 20 two-hour seminars (So162) at which papers (two each week) are presented by the students and occasionally by teachers. During Michaelmas and part of Lent Term the seminars follow a prescribed pattern of topics, for which extensive bibliographies are made available. During the remainder of Lent and some weeks of Summer Term the papers are chosen by the students, reading material being discussed individually with the teachers. (Students are also recommended to attend the lecture course So105.)

Reading List: The following represents a minimal list: M. Archer, *Social Origins of Educational Systems*; D. Bell, *The Coming of Post-Industrial Society*; S. Berger (Ed.), *Organising Interests in Western Europe*; S. Berger & M. Piore, *Dualism and Discontinuity in Industrial Societies*; H. A. Clegg, *Trade Unionism under Collective Bargaining*; C. J. Crouch & A. Pizzorno, *The Resurgence of Class Conflict in Western Europe since 1968* (2 Vols.); R. Edwards, *Contested Terrain*; F. Froebel et al., *The New International Division of Labour*; A. Giddens, *Class Structure of Advanced Societies*; J. Gershuny, *After Industrial Society?*; C. Lindblom, *Politics and Markets*; S. M. Lipset & S. Rokkan, *Party Systems and Voter Alignments*; V. Mallinson, *An Introduction to the Study of Comparative Education*; P. C. Schmitter and G. Lehmbruch (Eds.), *Trends towards Corporatist Intermediation*; D. Treiman, *Occupational Prestige on Comparative Perspective*.

Examination Arrangements: There is a conventional three-hour examination in the Summer Term, in which three questions must be answered. There is an extensive list of questions, and the topics selected by students for their papers are borne in mind when the examination is set.

So6831

Sociology of Development

Teacher Responsible: Dr. Leslie Sklair, Room A350 (Secretary, Mrs. Y. Brown, S686)

Seminar Intended Primarily for M.Sc. Sociology.

Scope: Selected sociological issues in developing societies.

Syllabus: Dependency and development in the Third World; the role of multinational corporations; the state; nationalism; ideology, culture and political mobilization; ethnicity; populism; marginality and the urban working class; military intervention in politics; peasantry; revolutionary movements in the Third World; socialist development paths.

Pre-Requisites: Knowledge of basic sociological theory.

Teaching Arrangements: 24 seminars (So163) organized by Dr. Sklair, and Dr. A. D. Smith. The Lecture courses So132 and So133 are also relevant.

Written Work: Students are expected to write and present at least two seminar papers (one during the Michaelmas and one during the Lent Term).

Reading List: M. Xue, *China's Socialist Economy*, 1981; J. Paige, *Agrarian Revolution*, 1975; R. Cohen et al. (Eds.), *Peasants and Proletarians*, Hutchinson, 1979; G. Modelski (Ed.), *Transnational Corporations and World Order*, 1979; D. Collier (Ed.), *The New Authoritarianism in Latin America*, 1979; C. Thomas, *Dependence and Transformation*, 1974; H. Goulbourne (Ed.), *Politics and State in the Third World*, 1980; A. D. Smith, *State and Nation in the Third World*, 1983; D. E. Smith (Ed.), *Religion and Political Mobilization*, 1974; D. Goodman & M. Redclift, *From Peasant to Proletarian*, 1981; I. L. Markovitz, *Class and Power in Africa*, 1977; B. Warren, *Imperialism: Pioneer of Capitalism*, 1980.

Supplementary Reading List: Detailed reading lists on specific topics are available from Dr. Sklair or Dr. A. D. Smith.

Examination Arrangements: A three-hour examination in June. Three questions to be answered.

So6850

Nationalism

Teacher Responsible: Dr. A. D. Smith, Room S776 (Secretary, Mrs. J. Ridyard A451, Ext. 295)

Course Intended Primarily for M.Sc.

Sociology, International Relations, Anthropology, Political Science.

Scope: An examination of the causes and role of ethnic identity and nationalist movements in the modern world, and of the relations between nations and states.

Syllabus: Nationalism and the international system; Nationalism and development; ethnic separatism and irridentism; race and nationalism; nationalism and revolution.

Teaching Arrangements: Twenty seminars (So169) in the Michaelmas and Lent Terms followed by revision seminars in the Summer Term. (Students are also recommended to attend course So133.)

Teachers: Professor P. S. Cohen, Mr. J. Mayall and Dr. A. D. Smith.

Reading List: A. Cobban, *National Self-Determination*, Oxford University Press 1945; E. Kedourie, *Nationalism*, Hutchinson, 1960; E. Kedourie (Ed.), *Nationalism in Asia and Africa*, Weidenfeld & Nicolson, 1971; E. Gellner, *Thought and Change*, Weidenfeld & Nicolson, 1964, 1971; K. Deutsch, *Nationalism and Social Communication*, MIT Press, 1966; H. Kohn, *The Idea of Nationalism*, Macmillan, 1967; P. Sugar & I. Lederer (Eds.), *Nationalism in Eastern Europe*, Seattle, 1969; I. Geiss, *The Pan African Movement*, Methuen, 1974; M. Hechter, *Internal Colonialism*, Routledge & Kegan Paul, 1975; N. Glazer and D. Moynihan (Eds.), *Ethnicity, Theory and Experience*, Harvard University Press, 1975; H. Seton-Watson, *Nations and States*, Methuen, 1977; T. Nairn, *The Break-up of Britain*, New Left Books, 1977; L. Tivey (Ed.), *The Nation State*, Martin Robertson, 1980; J. Breuille, *Nationalism and the State*, Manchester University Press, 1982; J. Armstrong, *Nations before Nationalism*, University of North Carolina Press, 1982; A. D. Smith, *Nationalism in the Twentieth Century*, Martin Robertson, 1979; A. D. Smith, *The Ethnic Revival*, Cambridge University Press, 1981; A. D. Smith, *Theories of Nationalism*, 2nd edn., Duckworth, 1983.

Supplementary Reading List: A more detailed reading list is available from Dr. Smith and secretary and at the first two seminars.

Examination Arrangements: A three-hour examination in June with three questions to be answered.

So6852

Political Stability and Change (Not available 1984-85)

Teacher Responsible: Mr. A. W. G. Stewart, Room S876 (Secretary, Mrs. Yvonne Brown, S686)

Course Intended Primarily for M.Sc. and other graduate students.

Scope: The aim of the seminar is to explore major problems in the analysis of political stability and change. Particular attention is paid to the discussion of alternative frameworks for the analysis of stability and change and of the differential contribution of social structural, cultural and organisational factors.

Syllabus: Role attributed to politics and the state within macro-theories of social development; differential political implications of capitalism and modernisation; processes of state formation; material and cultural factors as determinants of stability and change; social movements as sources of stability and change; concepts of "pre-political" movements; structure, culture and organisation in the analysis of societal breakdown and revolution; case studies of the development of social democratic, fascist and communist regimes.

Pre-Requisites: A working knowledge of basic sociological theory (i.e. of analysis in terms of norms, roles, structures, institutions, etc.) and an ability to integrate theoretical and empirical materials.

Teaching Arrangements: The course is given every other year, alternating with So6853, *Theories of Political Sociology*. It is given in the form of weekly sessional seminars (So168) at which papers are presented by one or more members of the seminar upon relevant topics agreed and assigned at the first meeting of the seminar. Students choosing the course are strongly recommended to attend the lecture course "Political Processes and Social Change" (So131) which deals with many of the same problems with which the seminar is concerned. Students with little or no background in the field of political sociology will find it helpful to attend at least some of the lecture course *Political Sociology* (So130).

Written Work: Members of the seminar will be required to present two papers during the course of the session.

Reading List: C. Tilly, *As Sociology meets History*; A. Stinchcombe, *Theoretical Methods in Social History*; P. Blau (Ed.), *Approaches to the Study of Social Structure*; B. Moore, *Social Origins of Dictatorship and Democracy*; P. Anderson, *Lineages of the Absolutist State*; C. Tilly, *The Formation of Nation States in*

Western Europe; N. Poulantzas, *Fascism and Dictatorship*; R. Bendix, *Nation-Building and Citizenship*; G. Roth, *The Social Democrats in Germany*; M. Schwartz, *Radical Protest and Social Structure*; C. Tilly, *The Vendee*; N. Smelser, *Theory of Collective Behaviour*; L. Kaplan, *Revolutions: A Comparative Study*; S. Woolf (Ed.), *The Nature of Fascism*, M. Kitchen, *Fascism*; T. Skocpol, *States and Social Revolutions*; I. Wallerstein, *The Modern World System*; E. Hobsbawm, *Primitive Rebels*; S. Cohen, *Bukharin*; A. Gerschenkron, *Bread and Democracy in Germany*; B. Moore, Jr., *Injustice*, chaps. 8-11; A. Gerschenkron, *Economic Backwardness in Historical Perspective*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus. The paper will consist of approximately twelve questions of which candidates must answer three.

So6853

Theories of Political Sociology

Teacher Responsible: Mr. A. W. G. Stewart, Room S876 (Secretary, Mrs. Yvonne Brown, S686)

Course Intended Primarily for M.Sc. and other graduate students.

Scope: Selected sociological issues in the social distribution of power.

Syllabus: Key concepts and major theories of political sociology; major forms of power in modern societies, their social bases and inter-relationships: class, state and gender; political organization as resource and constraint; authority, power and legitimation; problems and possibilities of political representation; the comparative political sociology of capitalist and state socialist societies.

Teaching Arrangements: The course is given every other year, alternating with So6852, **Political Stability and Change**. It is given in the form of weekly sessional seminars, So167, at which papers are presented by students and, on occasion, by guest speakers. Students may find it helpful to attend the lecture course So130, **Political Sociology**, which considers a number of issues discussed in the seminar.

Written Work: Members of the seminar will be required to present two papers during the course of the session.

Reading List: R. Aron, *Main Currents in Sociological Thought*, Vol. I (Section on Marx) and Vol. II (Section on Weber); Isaac

Balbus, *Marxism and Domination*; A. Gilbert, *Marx's Politics*; R. Michels, *Political Parties*; R. T. McKenzie, *British Political Parties*; L. Minkin, *The Labour Party Conference*; R. Dahl, *Who Governs? Polyarchy*; R. Bell, D. Edwards and H. Wagner, *Political Power*; Alan Wolfe, *The Limits of Legitimacy*; R. Scase (Ed.), *The State in Western Europe*; S. Bornstein (Ed.), *The State in Capitalist Europe*; Tom Nairn, *The Break-up of Britain*; David Held et al (Eds.), *States and Societies*; E. Nordlinger, *On the Autonomy of the Democratic State*; S. Lukes, *Power*; Sheila Rowbotham, *Women's Consciousness, Man's World*; R. Reiter (Ed.), *Toward an Anthropology of Women* (esp. Gail Reuben, "Traffic in Women"); M. Stacey & M. Price, *Women, Power and Politics*; Elizabeth Wilson, *Women and the Welfare State*; T. Parsons, *Politics and Social Structure*; A. Gramsci, *Prison Notebooks*; A. Showstack Sassoon, *Gramsci's politics*; W. Adamson, *Hegemony and Revolution*; N. Abercrombie, S. Hill & B. Turner, *The Dominant Ideology Thesis*; John Scott, *Corporations, Classes and Capitalism*; F. Parkin, *Marxism and Class Theory*; Barry Smart, *Foucault, Marxism and Critique*; David Held, *Introduction to Critical Theory: Horkheimer to Habermas*; J. Habermas, *Toward a Rational Society, Legitimation Crisis*; T. McCarthy, *The Critical Theory of Jurgen Habermas*; M. Djilas, *The New Class*; D. Lane, *Politics and Society in the USSR*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus. Candidates will be required to answer three questions.

So6854

The Political Sociology of Latin America

(Not available 1984-85)

Teacher Responsible: Dr. Ian Roxborough, Room S687 (Secretary, Mrs. Elaine Hartwell, A453, Ext. 454)

Course Intended Primarily for M.Sc. Sociology and M.A. (Area Studies in Latin America)

Scope: Aspects of the political sociology of Latin America.

Syllabus: Dominant classes, agrarian politics, urban subordinate classes, revolution, populism, democracy and authoritarianism, the military.

Teaching Arrangements: 17 seminars (So170). Students will also ordinarily be expected to attend the course "Latin American

Development" given at the Institute of Latin American Studies, 31 Tavistock Square.

Reading List: F. H. Cardoso & E. Faletto, *Dependency and Development in Latin America*, 1979; I. Roxborough, *Theories of Underdevelopment*, 1979; B. Roberts, *Cities of Peasants*, 1978; C. Waismann, *Modernization and the Working Class*, 1982; P. Evans, *Dependent Development*, 1979; J. Payne, *Labor and Politics in Peru*, 1965; J. Paige, *Agrarian Revolution*, 1975; D. Collier, *The New Authoritarianism in Latin America*, 1979; F. Katz, *The Secret War in Mexico*, 1981; R. Bonachea & M. San Martin, *The Cuban Insurrection*, 1974; J. Malloy, *Bolivia*, 1970; A. Stepan, *The Military in Politics*, 1971; J. Foweraker, *The Struggle for Land*, 1981.

Supplementary Reading List: A more detailed reading list is available from Dr. Roxborough or his secretary.

Examination Arrangements: A three-hour examination in June. Three questions to be answered.

So6880

The Sociology of Religion (Undergraduate and Post graduate)

See So5921

So6881

Sociology of Deviant Behaviour

Teachers Responsible: Professor T. Morris, Room S877 (Secretary, Miss J. Johnson, S779, Ext. 788), Dr. P. Rock, Room S875 (Secretary, Mrs. Elaine Hartwell, A453, Ext. 454), Dr. D. Downes, Room A246 (Secretary, Miss R. Mawhood, A255, Ext. 509)

Course Intended Primarily for M.Sc. Sociology, M.Sc. Social Psychology, M.Sc. Social Planning

Scope: The analysis of deviance, crime and social control.

Syllabus: The course falls into three parts: a systematic introduction to concepts and problems in the sociology of deviance; chronological review of major theories of

deviance and control; a description of empirical examples of deviance

Teaching Arrangements: 23 weekly seminars (So165) will be offered. There is a course of undergraduate lectures (So144) offered in the Michaelmas Term to which M.Sc. students are invited.

Reading List: D. Downes, & P. Rock, *Understanding Deviance*, 1982; M. McIntosh, *The Organisation of Crime*, 1975; A. K. Bottomley, *Criminology in Focus*, 1979; T. P. Morris, *Deviance and Control: The Secular Heresy*, 1976; I. Taylor, P. Walton, & J. Young, *The New Criminology*, 1973; P. Rock & M. McIntosh (Eds.), *Deviance and Social Control*, 1974.

Supplementary Reading List: A more detailed list is available from Dr. Rock or secretary.

Examination Arrangements: three-hour examination in June.

So6960

Methods of Social Investigation

Teacher Responsible: Mr. G. Rose, Room S667 (Secretary, Miss J. Johnson, S779)

Course Intended Primarily for Diploma in Sociology.

Scope: The aim of the course is to introduce students to basic research methods and statistical techniques used in sociology.

Syllabus: The process of social research; techniques of data collection; social surveys; data analysis; descriptive statistics; sampling and sampling distributions; elements of statistical inference; elements of correlation and regression.

Pre-Requisites: None.

Teaching Arrangements: There is a fortnightly seminar. There are two lecture courses, each accompanied by classes. The programme is as follows:

Seminars: So152. **Methods of Social Investigation**. 12 sessional (fortnightly).

Lectures: SA115. **Methods of Social Investigation**. 20 Michaelmas and Lent Terms. SM202. **Statistical Methods for Social Research**. 23 Sessional.

Classes: So103. **Issues and Methods of Social Research**. 24 Sessional (weekly) and 10 Workshop classes Michaelmas and Lent Terms, (fortnightly).

SM202. **Statistical Methods for Social Research**. 24 Sessional.

Students should note that the first lecture

course above, SA115, does in fact comprise the lectures for course So103. Also, the fortnightly 'workshop classes' for So103 alternate with the seminars So152 to form a weekly series in Michaelmas and Lent Terms. For further details of teaching arrangements, reading lists and written work students should consult the two corresponding study guides: **Issues and Methods of Social Research** (So5801) (corresponding to So103) and **Methods of Statistical Analysis** (SM7215) (corresponding to SM202).

Written Work: See the two study guides noted above. The course **Issues and Methods of Social Research** involves participation in a research project and the writing of a report. Candidates for the Diploma in Sociology are required to write this report, but it does not contribute to the final examination.

Reading Lists: See the two study guides noted above.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the syllabus for both lecture courses. The paper contains ten questions in all, six in Section A and four in Section B. Four questions are to be answered, two from each section.

Sociological Theory

See So5821.

Comparative Social Structures I

See 5820

So6961

So6962

Comparative Social Structures II

See So5830

Comparative European Social Structures

Teacher Responsible: Dr. Colin

Crouch, Room A351 (Secretary, Mrs. Jean Ridyard, A451)

Course Intended Primarily for M.Sc. European Studies; M.Sc. Government and Politics of Western Europe.

Scope: To introduce students to the main characteristics of contemporary western European societies.

Syllabus: Occupational structure; industrial relations; welfare state; education systems; family structure; religion; social stratification. Students will be expected to specialise in two of the following: (a) France, (b) W. Germany (c) Italy, (d) the Nordic countries (e) the consociational democracies.

Pre-Requisites: Some previous experience of sociology would be helpful, but a background in political science, history or economics will also be useful.

Teaching Arrangements: Students should attend the seminars organised for the M.Sc. Sociology course, **Social Structure of Industrial Societies** (So162). When these seminars are covering topics and countries not relevant to this course, alternative seminars are organised for CESS students with Dr. Crouch, there are 20-23 seminars *in toto*. Students may also wish to attend the lectures for the B.Sc. sociology course **Comparative Social Structures II** (So5830). Students also attend So172:

Comparative European Social Structures, teacher Dr. C. Crouch, 15 lectures Sessional.

Reading List: A full bibliography will be circulated at the start of the course.

Examination Arrangements: There is a three-hour conventional examination in the Summer Term, in which three questions must be answered.

So6963

So6969

Statistical and Mathematical Sciences Study Guides

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture Seminar/Number	Study Guide Number
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Mathematics

SM100	Basic Mathematics Professor K. G. Binmore	10/ML	Ec1415
SM101	Introduction to Algebra Dr. H. Freedman and Dr. E. M. Boardman	45/MLS	SM7001
SM102	Elementary Mathematical Methods Professor K. G. Binmore and Dr. S. R. Alpern	46/MLS	SM7000
SM103	Introduction to Analysis and Set Theory Professor K. G. Binmore	45/MLS	SM7002
SM104	Information Seminar Dr. H. Freedman	MLS	
SM111	Further Analysis Dr. E. M. Boardman	25/MLS	SM7030
SM112	Further Algebra Dr. H. Freedman	20/ML	SM7040
SM113	Mathematical Methods Dr. S. R. Alpern and Dr. E. M. Boardman	45/MLS	SM7020
SM120	Game Theory I Professor K. G. Binmore and Dr. A. Shaked	20/M ;	SM7025; SM8002
SM121	Game Theory II Professor K. G. Binmore and Dr. A. Shaked	25/LS	SM7025; SM8003
SM122	Applied Abstract Analysis Dr. A. J. Ostaszewski (not available 1984/85)	40/ML	SM7060
SM123	Ideas in Mathematics and Science Dr. J. L. Bell	10/M	SM7024
SM124	Introduction to Topology Dr. J. L. Bell	24/LS	SM7021
SM125	Convexity and Duality Dr. S. R. Alpern	10/M	SM7021
SM126	Fixed Point Theorems Dr. S. R. Alpern	10/M	SM7021
SM127	Sets and Models Dr. J. L. Bell	40/ML	Ph6203; SM7031

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
SM128	Axiomatic Set Theory Dr. J. L. Bell	15/LS	Ph6203
SM129	Infinite Abelian Groups Dr. H. Freedman	10/L	SM7042
SM130	Category Theory (not available 1984-85) Dr. H. Freedman	10/L	SM7041
SM131	Measure, Probability and Integration Dr. E. M. Boardman and Dr. S. R. Alpern	45/MLS	SM7061

Statistics

SM200	Basic Statistics Mr. A. C. Harvey and Dr. C. S. Smith	30/ML	SM7200
SM202	Statistical Methods for Social Research Mr. C. A. O'Muircheartaigh	33/MLS	Ps5406; SA5622; SM7215
SM204	Elementary Statistical Theory Mr. D. W. Balmer and Professor D. J. Bartholomew	40/ML	SM7201
SM206	Probability and Distribution Theory Dr. M. Knott	33/MLS	SM7220
SM207	Estimation and Tests Professor J. Durbin	12/LS	SM7220;
SM210	Analysis of Variance and Quality Control Dr. C. S. Smith	10/L	SM7230
SM211	Time Series and Forecasting Mr. A. C. Harvey	10/M	SM7230
SM212	Applied Regression Analysis Dr. C. S. Smith	10/L	SM7230
SM213	Survey Methods Dr. C. M. Phillips	10/M	SM7230
SM214	Surveys, Experiments and other Investigations Mrs. K. E. Spitz	11/LS	SM7240; SM8260
SM215	Sample Survey Theory Mrs. K. E. Spitz	15/ML	SM7240; SM8260
SM216	Multivariate Techniques Dr. C. M. Phillips	15/ML	SM7240; SM8260
SM217	Further Statistical Theory and Methods Professor J. Durbin	15/ML	SM7240
SM218	Statistical Theory Professor J. Durbin, Dr. M. Knott and Miss S. A. Brown	45/MLS	SM7241; SM7250
SM219	Elementary Stochastic Processes Dr. C. S. Smith	12/ML	SM7241; SM7250

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
SM220	Applications of Stochastic Processes Dr. C. S. Smith	3/L	SM7241
SM221	Actuarial Applications of Stochastic Processes Mr. L. A. Roberts	5/L	SM7250
SM222	Marketing and Market Research Professor A. S. Douglas, Dr. C. M. Phillips, Mrs. K. E. Spitz and Mr. D. W. Balmer	69/MLS	SM7231
SM230	Introduction to Econometrics and Economic Statistics Dr. C. R. S. Dougherty, Dr. C. M. Phillips and Mr. A. C. Harvey	44/MLS	Ec1430
SM232	Econometric Theory Mr. J. E. H. Davidson and Mr. A. C. Harvey	30/ML	Ec1575; Ec2412
SM234	Statistical Sources Dr. C. M. Phillips	20/LS	SM8254; SM8260
SM235	Actuarial Investigations: Financial and Statistical Mr. L. A. Roberts	22/MLS	SM7260
SM236	Actuarial Life Contingencies (not available 1984-85) Mr. L. A. Roberts	44/MLS	SM7261
SM237	Statistical Packages and Data Analysis Miss S. A. Brown	25/ML	SM8254
SM238	Fundamentals of Decision Theory Dr. J. Howard	10/L	SM7216; SM8204
SM239	Behavioural Decision Theory Dr. L. D. Phillips	10/M	SM7216; SM8204
SM240	Bayesian Statistical Methods Dr. M. Knott	10/M	SM7216; SM8204
SM241	Decision Analysis in Practice Dr. L. D. Phillips	10/L	SM7216; SM8204
SM250	Stochastic Processes Mr. D. W. Balmer	40/ML	SM8203
SM254	Multivariate Analysis Dr. M. Knott	20/MLS	SM8257
SM255	Distribution-Free Methods and Robustness Dr. M. Knott	20/ML	SM8256
SM256	Analysis of Categorical Data Dr. C. S. Smith	10/LS	SM8257
SM257	Basic Time Series Analysis Professor J. Durbin and Mr. A. C. Harvey	10/M	Ec2561; SM8259

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
SM258	Further Time Series Analysis Professor J. Durbin	10/L	Ec2561; SM8259
SM259	Applied Multivariate Analysis Professor D. J. Bartholomew	10/L	SM8255
SM260	Models for Social Processes Professor D. J. Bartholomew	20/ML	SM8213
SM262	Further Sample Survey Theory and Methods Mr. C. A. O'Muircheartaigh	15/ML	SM8255
SM263	Experiments in Social Research Mrs. K. E. Spitz	10/L	SM8261
SM264	Survey Design, Execution and Analysis Mr. C. A. O'Muircheartaigh	20/ML	SM8261
SM265	Statistical Aspects of Educational Planning Dr. C. M. Phillips	15/M	SM8214
SM268	Further Statistical Methods Professor D. J. Bartholomew	20/ML	Ps6499
SM271	Joint Statistics Seminars Professor D. J. Bartholomew and Professor J. Durbin	L	
SM272	Advanced Lectures on Special Topics in Statistics Professor D. J. Bartholomew and Professor J. Durbin	MS	

Computing and Operational Research

SM300	General Computing I Mr. D. P. Dalby and others	20/ML	SM7301; SM8303; SM8300
SM301	General Computing II Mr. R. A. Hirschheim	20/ML	SM7301; SM8303; SM8300
SM302	Introduction to Computing Mr. A. Cornford and Mr. Smithson	20/ML	SM7300
SM303	Fortran Vacation Course		
SM304	Fortran 77	10/M	SM7330
SM305	Pascal Programming Mr. A. Cornford	15/ML	SM7300
SM306	Computing Methods I Mr. A. Cornford and Mr. R. A. Hirschheim	20/ML	SM7320

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
SM307	Computing Methods II Mr. A. Cornford and Mr. S. Smithson	20/ML	SM7320
SM309	Data Processing Methods Professor F. Land	10/M	SM7322
SM310	Systems Analysis Methodology I Professor F. Land and Mr. R. K. Stamper	20/ML	SM7322
SM311	Computer File Organisation Mr. A. Cornford	5/L	SM7300
SM312	Numerical Methods Dr. J. Sylwestrowicz	20/ML	SM7330
SM313	Elements of Management Mathematics Professor A. Land, Mr. J. V. Rosenhead and Dr. M. Knott	33/MLS	SM7340; SM8350
SM314	Operational Research Techniques Mr. J. V. Rosenhead, Dr. J. V. Howard and Dr. S. Powell	25/MLS	SM7345
SM315	Mathematical Programming Dr. S. Powell and Professor A. H. Land	10/M	SM7345
SM317	Model Building in Operational Research Dr. R. J. Paul, Mr. D. W. Balmer, Professor A. Land and Dr. S. Powell	40/ML	SM7347
SM318	Management Sciences Seminar Dr. R. J. Paul	10/ML	
SM319	First-Year Computing Seminar Professor F. F. Land and Mr. A. Cornford	ML	
SM320	Management Game for Management Sciences Dr. R. J. Paul	10/ML	
SM321	Applications of Computers Mr. A. Cornford and Mr. Smithson	10/M	SM7231; SM8301
SM350	Operational Research Methodology Mr. J. V. Rosenhead	10/L	SM8342; SM8344
SM351	Basic Operational Research Methodology Dr. R. J. Paul	10/M	SM8342; SM8343
SM352	Advanced Operational Research Techniques Dr. R. J. Paul, Dr. J. V. Howard and Mr. J. V. Rosenhead	20/LS	SM8347
SM353	Basic Mathematical Programming Professor A. Land and Dr. S. Powell	10/M	SM8342; SM8343; SM8351; SM8354
SM354	Mathematical Programming I Professor A. Land and Dr. S. Powell	15/ML	SM8351; SM8354

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
SM355	Mathematical Programming II Professor A. Land and Dr. S. Powell	15/LS	SM8351; SM8355
SM356	Graph Theory Professor A. Land	10/M	SM8351; SM8354; SM8356
SM357	Applied Statistical and Forecasting Techniques for O.R. Mr. J. V. Rosenhead and Mr. A. C. Harvey	10/M	SM8342; SM8343
SM358	Selected Topics in O.R. Mr. J. V. Rosenhead, Dr. J. V. Howard, Dr. R. J. Paul and Dr. S. Powell	15/ML	SM8342; SM8344
SM359	O.R. Tutorial		SM8342; SM8344
SM360	Systems Specifications Dr. S. J. Waters	10/M	SM8304; SM8305
SM361	Information Systems Mr. R. Hirschheim	10/M	SM8304
SM362	Information Systems Management Professor F. Land and Mr. R. A. Hirschheim	10/M	SM8300; SM8303; SM8304
SM363	Systems Analysis Methodology II Professor F. Land, Mr. R. A. Hirschheim and Mr. R. K. Stamper	10/L	SM8304; SM8305
SM364	Computer Systems Design Dr. S. J. Waters	10/L	SM8302
SM365	Basic Systems Analysis Professor F. Land	10/M	SM8345; SM8349
SM366	Economics for Operational Research	5/M	SM8345
SM367	Planning and Design Methods Mr. J. V. Rosenhead	10/L	Gy2860; SM8352; SM8357
SM368	Workshop in Simulation and Computer Software Dr. R. J. Paul and Dr. D. W. Balmer	10/M	SM8345 SM8349
SM369	Topics in Systems Analysis — Seminar Mr. R. A. Hirschheim and others	20/ML	SM8302
SM370	Computers in Information Processing Systems Mr. R. A. Hirschheim and Mr. A. Cornford	20/ML	SM8302
SM371	Workshop in Urban and Transport Models Professor A. D. J. Flowerdew and Dr. S. Powell	15/ML	Ec2432; SM8352; SM8358
SM372	Facility Location Mr. J. V. Rosenhead	5/L	SM8352; SM8357

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
SM373	Distribution and Scheduling Dr. S. Powell	5/L	SM8356
SM374	Further Simulation Dr. R. J. Paul and Mr. D. W. Balmer	13/LS	SM8348
SM375	Cost-Benefit Analysis Professor A. D. J. Flowerdew	5/L	SM8356; SM8357
SM376	Valuation of Intangibles Professor A. D. J. Flowerdew	5/L	SM8356
SM377	Pascal Programming Miss A. M. McGlone	5/M + week preceding Michaelmas	SM8343
SM378	Land Use Models Professor A. D. J. Flowerdew and Dr. S. Powell	5/M	SM8357
SM379	Introduction to Operational Research in Transport Dr. S. Powell and Professor A. D. J. Flowerdew	5/M	SM8356
SM380	Aspects of Development Economics		SM8306
SM381	Applications of New Technology		SM8306
SM382	Management and Political Issues		SM8306
SM383	Contemporary Urbanisation and the Policy Process Mr. J. R. Drewett		SM8357
SM385	Research Seminar in Systems Analysis Mr. R. Hirschheim	10/MLS	

STATISTICAL AND MATHEMATICAL SCIENCES

Fortran 77 Programming (General)

Teacher Responsible: Miss C. R. Hewlett, Room S202

Course Intended Primarily for beginners in FORTRAN 77.

Teaching Arrangements: An introduction to programming in FORTRAN 77 for beginners. This course will be given twice during the session.

(a) Christmas vacation: five days, 17-21 December 1984.

(b) Easter vacation: five days, 25-29 March 1985.

Anyone wishing to take this course should register with the Computer Service Receptionist (Room S100) by 7 December for Course (a) or by 15 March 1985 for Course (b).

Recommended Reading: T. M. R. Ellis, *A Structured Approach to FORTRAN 77 Programming*.

Elementary Mathematical Methods

Teacher Responsible: Professor K. G. Binmore, Room S484 (Secretary, Mimi Bell, S464)

Course Intended Primarily for: B.Sc. (Maths./Stats./Comp./Act.Sci.), B.Sc. (Man.Sci.), B.Sc. (Econ.), Dip. Stat., Dip. Econ. and suitably qualified graduate students.

Scope: This is a first level "how-to-do-it" course for those who wish to use mathematics seriously in social science.

Syllabus: Real and complex numbers. Sets and functions. Differentiation and integration with emphasis on several variables. Elementary optimisation. Simple differential and difference equations. Vectors, matrices and determinants. Eigenvalues and quadratic forms. Vector spaces and linear transformations. Solutions of systems of linear equations.

SM303

Pre-Requisites: A knowledge of the elementary techniques of mathematics including calculus as covered in a British 'A' level mathematics subject. Students without such a background should first take the paper **Basic Mathematics for Economists** with particular reference to the purely mathematical lectures SM100 **Basic Mathematics** taught in association with this paper.

Teaching Arrangements: The lecture course SM102 **Elementary Mathematical Methods**.

This lecture course consists of 25 weekly lectures on Calculus given by Professor Binmore and 20 weekly lectures on **Linear Algebra** given by Dr. S. Alpern. Associated with the lectures are weekly problem classes SM102a given mostly by part-time teachers and graduate students.

Written Work: Students will be expected to attempt simple exercises designated in the lectures. Written answers to specified exercises are submitted to the appropriate class teacher for evaluation. Success in this paper depends largely in dealing with this written work in a regular and systematic fashion.

Reading List: Students should purchase *Calculus* (C.U.P.) by K. G. Binmore and *Elementary Linear Algebra* by Howard Anton; G. Hadley, *Calculus* by Bers and Karal, *Methods for Economists* by T. Yamane. Some inexpensive supplements are the "Library of Mathematics" books, *Complex Numbers*, *Partial Derivatives* and *Multiple Integrals*. Also the "Schaum Outline" books, *Calculus* by F. Ayres, *Linear Algebra* by Lipschutz and *Mathematics for Economists* by E. Dowling.

Examination Arrangements: Students are normally assessed on the basis of a three hour formal examination in the Summer Term.

SM7001

Introduction to Algebra

Teacher Responsible: Dr. H. Freedman, Room S465 (Secretary, Mimi Bell, S464)

Course Intended Primarily for: B.Sc. (Maths.) 1st year; B.Sc. (Maths./Stats., Maths./Comp.); B.Sc. (Maths./Phil.); B.Sc. (Econ.) (Maths./Econ.); B.Sc. (Econ.) Part I. **Scope:** An introduction to the basic structures in algebra and their respective homomorphism.

Syllabus: Vector spaces. Linear transformations and matrices. Linear equations. Inner product spaces. Eigenvalues and quadratic forms. Elementary group and ring theory.

Euclidean rings.

Pre-Requisites: Elementary algebra, for example, the binomial theorem, quadratic equations, complex numbers. The ability to grasp abstract concepts.

Teaching Arrangements: 23 lectures (SM101) and 22 classes (SM101a) on **Linear Algebra** (Dr. E. Boardman).

23 lectures and 22 classes on **Abstract Algebra** (Dr. H. Freedman).

Informal Seminar, 12 hours (Dr. H. Freedman).

Written Work: Lecture notes including exercises are provided. Students are expected to hand in exercises in each subject each week. These are corrected and fully discussed in the respective classes. In addition there is an informal seminar where students are encouraged to give at least one lecture on some subject in algebra. Students are assisted with the preparation of their lectures.

Reading List: H. Anton, *Elementary Linear Algebra* (3rd edn.), Wiley; P. M. Cohn, *Algebra*, Vol. 1 (Chaps. 1-9), John Wiley; I. N. Herstein, *Topics in Algebra* (Chaps. 1-3), Blaisdell; R. B. J. T. Allenby, *Rings, Fields and Groups*, E. Arnold; S. Lipschutz, *Theory and Problems of Linear Algebra*, McGraw-Hill; N. Ya Vilenkin, *Stories about Sets*, Academic Press.

Supplementary Reading List: N. Jacobson, *Basic Algebra I*, W. H. Freeman; N. H. McCoy & T. R. Berger, *Algebra*, Allyn & Bacon; L. Shapiro, *Introduction to Abstract Algebra*, McGraw-Hill.

Examination Arrangements: There is a 3 hour formal examination in the Summer Term, based on the full syllabus for the lecture course. The paper contains 8 questions. Full marks may be obtained on 5 questions.

SM7002

Introduction to Analysis and Set Theory

Teacher Responsible: Professor K. G. Binmore, Room S484 (Secretary, Mimi Bell, S464)

Course Intended Primarily for B.Sc. (Maths./Stats./Comp./Act.Sci.), B.Sc. (Econ.) and suitably qualified Diploma students.

Scope: The course establishes the fundamental theory on which, among other things, the techniques of calculus are based. The emphasis is on logical proof and careful reasoning.

Syllabus: Elementary logic and set theory. Number systems particularly the reals. Convergence and continuity. Differentiation

and integration. Analysis in finite dimensional space.

Pre-Requisites: A good knowledge of the elementary techniques of calculus as covered in a British 'A' level mathematics subject or in an American freshman calculus course.

Teaching Arrangements: The lecture course SM103 **Introduction to Analysis and Set Theory** consisting of two lectures per week (approx. 45 lectures in all) should be attended. In addition a weekly class SM103a is given which is chiefly devoted to going over problems. The class is of fundamental importance.

Written Work: Every second week students are required to submit written work to their class teachers who will comment upon this and discuss appropriate issues in the classes. Most students find that it takes some considerable time to learn the art of presenting an argument in a sufficiently careful manner to satisfy their class teacher. In addition students should attempt problems from the first book listed below and may be asked to present answers to these problems verbally during their classes.

Reading List: Students should purchase *Mathematical Analysis: A Straightforward Approach* and *Foundations of Analysis: A Straightforward Introduction*, Vol. 1 (*Logic, Sets and Numbers*) both by K. G. Binmore published by C.U.P. (The second of these is not required until the Lent Term.) Students may also wish to consult Vol. 2 (*Topological Ideas*) of the second book mentioned above, *A First Course in Mathematical Analysis* by C. Burkhill (C.U.P.) and *Mathematical Analysis* by D. A. Quadling (O.U.P.). Also *Numbers and Infinity* by E. Sondheimer and A. Rogerson, *Stories about Sets* by N. Ya Vilenkin.

Examination Arrangements: Students are normally assessed on the basis of a three hour formal examination in the Summer Term.

SM7020

Mathematical Methods

Teachers Responsible: Dr. E.

Boardman, Room S486 and Dr. S. Alpern, Room S485 (Secretary, Mimi Bell, S464)

Course Intended Primarily for B.Sc. (Econ.) Part II under the following special subjects: II Mathematical Economics & Econometrics 5(b)

V International Trade & Development 7(p)

XI Statistics 1

XII Computing 5(e)

B.Sc. by Course Unit (Unit 550/7020) (Maths./Stats./Comp./Actuarial Sci./Management Science/Mathematics & Philosophy) 2nd or 3rd year.

Diploma in Econometrics 4(b)

Diploma in Statistics (c) (ii)

Diploma in OR 3 & 4 (b) (ii)

Diploma in Management Sciences IV(c)

M.Sc. preliminary year.

Scope: To develop the ideas and results first presented in **Elementary Mathematical**

Methods. On the calculus side the course studies how integrals may be numerically calculated, or transformed by a variety of manipulations, and how they may be applied systematically to the solutions of differential equations. On the algebra side geometric insights are used as a unifying framework for such diverse problems as reduction of (possibly non-square) matrices to simpler form, fitting a line through non-collinear points solving both linear and non-linear programmes, solving a two person zero-sum game.

Syllabus:

(i) Integration and Transforms. Riemann-Stieltjes integral, manipulation of integrals. Multiple integrals. Convolutions. Laplace Transforms.

(ii) Matrix Analysis. Vector Spaces (revision). Wronskian. Geometry in R^n (orthogonality, Gram-Schmidt, conjugate directions). Rank of matrices. Spectral Theory. Positive definiteness. Upper triangular and block diagonal form. Tridiagonal form (Householder's method). Projections and least squares. Generalized inverses.

(iii) Convexity and Programming. Convexity. Separating hyperplane. Linear inequalities. Linear programming. Zero-sum games. Simplex method. Concave functions. Kuhn-Tucker theorem.

(iv) Differential Equations. Linear ordinary differential equations. Solution by series expansion (power series, Fourier series).

(v) Calculus of Variations. (Introductory treatment.)

786 *Statistical and Mathematical Sciences*

Pre-Requisites: Ideally the course **Elementary Mathematical Methods**. Alternatively (a) a course in linear algebra so that notions like linear independence, eigenvalue, diagonalisation are already familiar, and (b) an intermediate course of calculus giving proficiency in routine differentiation and integration of say rational functions and trigonometric functions.

Teaching Arrangements: One lecture course accompanied by classes. (SM113)

Lectures: SM113 - 45 two one-hour meetings per week Michaelmas and Lent Terms with about 5 hours overspill into Summer Term condensed by mutual arrangement into two weeks.

Classes: SM113(a) 25 Sessional.

Very full lecture notes are distributed in advance and contain a very full assortment of problems. No course book is necessary but alternative accounts are always worth consulting (as below). Class teachers are all part-time. They assign a selection of the problems already mentioned for homework which must be done (or attempted at the very least) and handed in for marking. Model answers are available but will be distributed only selectively.

Reading List: Recommended reading (i) M. R. Spiegel, *Advanced Calculus*; M. R. Spiegel, *Laplace Transforms*; (ii) and (iii) B. Noble, *Applied Linear Algebra*; R. Bellman, *Matrix Analysis*; (iv) and (v) L. Elsgolts, *Differential Equations and Calculus of Variations*; E. L. Ince, *Differential Equations*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. A revision guide will be issued at the end of Lent Term detailing: the structure of the paper, what subject matter may safely be omitted and which areas to concentrate on.

SM7021

Topology & Convexity

Teachers Responsible: Dr. S. Alpern, Room S485 and Dr. J. Bell, Room S467 (Secretary, Mimi Bell, S464)

Course Intended Primarily for second or third year B.Sc. mathematics, usually audited by postgraduate Economists.

Scope: The aim of the course is to introduce the student to abstract techniques of Analysis. These techniques are useful in many fields of pure and applied mathematics and particularly in theoretical mathematical economics.

Syllabus:

(i) 10 lectures in the first half of the Michaelmas Term cover the Fixed Point Theorems of Banach, Brouwer, Schauder and Kakutani.

(ii) The next 10 lectures present a brief introduction to "convex analysis" and the Duality Theorem of Linear Programming. We do not cover computational methods for solving Linear Programs in this course.

(iii) In the Lent Term there are 20 lectures which introduce "point-set" topology. Topological Spaces are defined and properties such as connectedness, completeness and compactness are discussed. Examples and techniques of proving topological theorems are emphasised.

(iv) There will be four lectures in the Lent Term covering applications to game theory and economics.

Pre-Requisites: A basic knowledge of Analysis (continuity, differentiation, topology of Euclidean space) and in particular techniques for formal proofs is required for parts (i) and (ii) of the syllabus. This knowledge is normally obtained in the course **Introduction to Analysis and Set Theory**. The third part of the course (iii) **Convexity and Duality** requires an elementary knowledge of Linear Algebra or Matrix Algebra, to the extent of understanding the nature of solutions to a system of linear equations.

Teaching Arrangements: There are two lectures (SM124; SM125; SM126) and one class (SM124a) each week. The class is devoted mainly to discussing assigned work.

Written Work: Students are expected to submit written solutions to some of the problems assigned for the classes.

Reading List: S. Lipschutz, *General Topology*; Hocking & Young, *Topology*; J. Franklin, *Methods of Mathematical Economics*; D. Smart, *Fixed Point Theorems*.

Examination Arrangements: There is a single three-hour formal examination in the Summer Term.

SM7024

Ideas in Mathematics and Science

Teacher Responsible: Dr. J. L. Bell, Room S467 (Secretary, Mimi Bell, S464) and Dr. E. G. Zahar, Room A210 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats.,

787 *Statistical and Mathematical Sciences*

Comp. 2nd or 3rd year, Maths. and Phil. 2nd or 3rd year; M.Sc. Logic and Scientific Method; M.Sc. Social Philosophy; Dip. Logic and Scientific Method; Dip. Social Philosophy.

Scope: The aim of the course is to survey, at an elementary level, some of the major historical developments in mathematics and physics.

Syllabus: Mathematics: Concepts of Greek mathematics; Eudoxan theory of proportions; concept of the continuum; Zeno's paradoxes. The three ancient problems and their resolution in the 19th century: trisection of the angle, doubling the cube, squaring the circle. Euclidean and non-Euclidean geometry. Paradoxes of the infinite and the consistency of mathematics.

Physics: Basic notions of Newtonian Mechanics. Mass, momentum, energy.

Conservation Laws. D'Alembert's Principle. Lagrange's and Hamilton's equations. Space and Time in Classical Physics. Maxwell's and Lorentz's electromagnetic theories. Einstein's Special Theory of Relativity. Role of positivism in Science. Mach's problem and the genesis of General Relativity. The Correspondence Principle: the transition from Hamilton's to Schrodinger's equations.

Pre-Requisites: A-level Mathematics (acquaintance with the differential calculus).

Teaching Arrangements: There are 2 lecture courses (SM123; Ph110), each accompanied by a class (SM123a), as follows:

Lectures: **Ideas in Mathematics and Science**, and **Fundamental Ideas in Classical and Relativistic Physics**.

Written Work: The material covered in the lectures is discussed in the classes. Students are required to write substantial essays on a mathematical and on a physical topic chosen by themselves.

Reading List: For Mathematics: E. T. Bell, *The Development of Mathematics*; H. Eves, *An Introduction to the History of Mathematics*.

For Physics: E. Mach, *The Science of Mechanics*; A. Einstein & L. Infeld, *The Evolution of Physics*; A. Einstein, *Relativity: a Popular Approach*; M. Born, *Einstein's Theory of Relativity*; G. Holton & D. H. D. Roller, *Foundations of Modern Physical Science*.

Supplementary Reading List: S. Goldstein, *Classical Mechanics*.

Examination Arrangements: There is a 3-hour formal examination based on both lecture courses. The paper contains approximately 15 questions in the form of essay topics, of which 3 are to be answered.

Game Theory

SM7025

Teacher Responsible: Professor K. G. Binmore, Room S484 (Secretary, Mimi Bell, S464)

Course Intended Primarily for: B.Sc. (Maths./Stats./Comp./Act. Sci.), B.Sc. (Econ.), M.Sc. (Maths.), M.Sc. (Operational Research), M.Sc. (Econ.), M.Sc. (Math. Econ. and Econometrics) and other suitably qualified graduate or General Course students.

Scope: The theory of games and its applications in economics.

Syllabus: Von Neumann and Morgenstern utility theory. Formal games and their classification. Strictly competitive (zero-sum) games. Poker and bluffing. Non-cooperative games. Nash equilibrium and perfect equilibrium. Games with incomplete information. Cooperative games. Survey of cooperative solution concepts including the core, Von Neumann and Morgenstern solutions sets, Aumann and Maschler bargaining sets, Nash bargaining solutions and the Shapley Value. The Nash program and non-cooperative bargaining models. Market games and the application of game-theoretic ideas to problems in the economic theories of externalities, oligopoly and resource allocation under differential information. (Students will not be required to prepare for the whole of this syllabus. Mathematically trained students will be expected to omit the more advanced economics material and Economic students will be expected to omit the more advanced mathematical material.)

Pre-Requisites: A knowledge of mathematics beyond that covered in **Elementary Mathematical Methods** (SM102) possibly including **Introduction to Analysis and Set Theory** (SM103) and/or **Mathematical Methods** (SM113). For the more advanced economics material, a knowledge of economics as covered in **Ec113 Principles of Economics Treated Mathematically**. For the more advanced mathematics material **SM124 Introduction to Topology** and **SM126 Fixed Point Theorems** will be useful but not essential. More important than a knowledge of specific techniques is the habit of thinking in the careful way required in mathematics and economic theory. Undergraduates are advised to take the course in their third year rather than their second year.

Teaching Arrangements: The lecture course SM120 **Games** consisting of two lectures a week in the Michaelmas Term (and one

lecture a week thereafter). The lecture course **Ec151 Economic Applications of Game Theory** consisting of one lecture a week in the Lent Term. Also twenty-five problem classes SM120a are given throughout the year. The classes are organised by **Professor K. Binmore**. Attendance for at least 55 hours will be expected.

Written Work: Lecture notes containing problems are supplied. Written answers will be expected by the class teacher on a regular basis and the problems will be discussed in the class.

Reading List: This subject is currently under development and completely adequate books are not available. *Game Theory* by G. Owen (2nd edn.) should be purchased or *Game Theory* by T. Jones (although this is only sound on zero-sum games). Some further references are *Games and Decision* by Luce & Raiffa, *The Theory of Games and Economic Behaviour* by Von Neumann & Morgenstern, *Two-Person Game Theory* by Rappaport, *Economics and the Theory of Games* by Bacharach, *Rational Behaviour and Bargaining Equilibrium in Games and Social Situations* by Harsanyi, *The Compleat Strategist* by Williams, *The Strategy of Conflict* by Schelling.

Examination Arrangements: Students are normally assessed on the basis of a three-hour formal examination in the Summer Term. The examination will contain a general section, a more mathematical section and a more economical section. Students will be required to answer questions from two of these three sections.

Further Analysis

SM7030

Teacher Responsible: Dr. E. Boardman, Room S486 (Secretary, Mimi Bell, S464)

Course Intended Primarily for: B.Sc. (Maths./Stats./Comp./Act.Sci); B.Sc. (Econ.) and suitably qualified graduate students.

Scope: This is a second level theoretical course in analysis. The aim is to consolidate and extend the students' knowledge of real analysis via a discussion of topological ideas in a concrete setting and to introduce the basic notions of complex analysis.

Syllabus: Real analysis and topology in metric spaces including finite dimensional Euclidean space. Complex analysis including the Residue Theorem and elementary mapping ideas.

Pre-Requisites: Students should have previously attended **SM103 Introduction to**

Analysis and Set Theory or the equivalent. (For an American student an equivalent background would involve at least one course in formal real analysis together with several supplementary courses in mathematics.) Simultaneous attendance at the course **SM124 Introduction to Topology** is helpful but not necessary.

Teaching Arrangements: The lecture course **SM111 Further Analysis** consisting of some 25 lectures taught in the Michaelmas and Lent Terms by **Dr. Boardman** associated with which are the weekly problem classes **SM111a** also conducted by **Dr. Boardman**. Also the lecture course **M204 Functions of a Complex Variable** taught by **Dr. William Harvey** at King's College. The latter course consists of three hours per week beginning in the 2nd or 3rd week of the Lent Term and extending into the Summer Term.

Written Work: Written answers to set problems will be expected on a regular basis by **Dr. Boardman** and **Dr. Harvey**. Students may also be asked to answer problems from the recommended textbook verbally in the classes. Written work is of particular importance in this course.

Reading List: *Foundations of Analysis: A Straightforward Introduction, Vol. II (Topological Ideas)* by K. G. Binmore contains most of the material to be covered in **SM111** (though not necessarily in the same order). *Complex Analysis* by Joseph Back & Donald J. Newman covers the material taught in **M204**.

Alternatives and Further Reading: For **SM111: Mathematical Analysis 2** by J. C. Burkill and H. Burkill, *Introduction to Topology and Modern Analysis* by G. F. Simmons, *The Theory and Problems of General Topology* by S. Lipschutz ("Schaum's Outline" Series). All these contain topics outside the scope of **SM111**, the nearest book to the material covered is K. G. Binmore mentioned above. For **M204: Theory and Problems of Complex Variables** by M. R. Spiegel ("Schaum's Outline" Series), *Complex Analysis* by L. V. Ahlfors, *Introduction to Complex Analysis* by R. Nevanlinna and V. Paatero, *Basic Complex Analysis* by J. E. Marsden.

Examination Arrangements: Students are normally assessed on the basis of a three hour formal examination in the Summer Term.

Sets and Models

SM7031

Teacher Responsible: Dr. J. Bell, Room S467 (Secretary, Mimi Bell, S464)

Course Intended Primarily for: B.Sc. (Maths./Stats./Comp.) 2nd or 3rd year; B.Sc. (Maths./Phil.) 2nd or 3rd year; Dip. Logic and Sci. Method; M.Sc. Logic and Sci. Method.

Scope: The aim of this course is to provide an introduction to set theory and the model theory of first-order languages.

Syllabus:

Axiomatic approach to set theory. Sets and classes. Well-orderings. Cardinals and ordinals. The axiom of choice and Zorn's lemma.

First-order languages and their models. Completeness, compactness and Lowenheim-Skolem theorems. The elementary chain theorem and some of its consequences: Craig's interpolation lemma and Beth's definability theorem.

Pre-Requisites: A basic acquaintance with predicate calculus, as provided in the course **Ph114: Introduction to Mathematical Logic**.

Teaching Arrangements: 20 lectures on set theory in the first term, 20 lectures on model theory in the second term (**SM127**). (Full lecture notes provided). 20 problem classes (**SM127a**) over the 2 terms.

Reading List: J. Bell & M. Machover, *A Course in Mathematical Logic*; J. Bridge, *Beginning Model Theory*; K. Kuratowski & A. Mosstowski, *Set Theory*; E. Mendelson, *Introduction to Mathematical Logic*.

Examination Arrangements: There is a 3 hour formal examination in the Summer Term, based on the full syllabus for the lecture course. The paper contains 10 questions divided into 2 sections (set theory, model theory respectively). Full marks may be obtained on 5 questions of which at least one must come from each section.

Further Algebra

SM7040

Teacher Responsible: Dr. H. Freedman, Room S465 (Secretary, Mimi Bell, S464)

Course Intended Primarily for: B.Sc. (Maths.); B.Sc. (Maths./Stats., Maths./Comp.); B.Sc. (Maths./Phil.).

Scope: The aim of this course is to introduce students to the theory of modules, in particular, modules over a principal ideal

domain.

Syllabus: Topics in commutative rings; Modules; Projective and injective modules; Modules over a principal ideal domain.

Pre-Requisites: The rudiments of group and ring theory as presented in the course

Introduction to Algebra

Teaching Arrangements:

20 lectures and 20 seminars (Michaelmas and Lent Terms) (SM112)

14 classes (Michaelmas and Summer Term) (SM112a)

Written Work: Weekly exercises during the Michaelmas and Summer Terms. The Lent Term is devoted to seminars given by students on their projects. Written reports on the projects are handed in early in the Summer Term.

Reading List: M. F. Atiyah & I. G.

Macdonald, *Introduction to Commutative Algebra*, Addison-Wesley; S. MacLane & G. Birkhoff, *Algebra* (Chapters 4, 6 and 10), Macmillan Co.; N. Jacobson, *Basic Algebra II* (Chapter 3), Freeman.

Supplementary Reading List: D. W. Sharpe & P. Vamos, *Injective Modules*, Cambridge University Press.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper contains 7 questions. Full marks may be obtained on 4 questions. 60% of the total assessment of the course is based on the exam paper. 40% is awarded on the project, for which both the written report and the lecture are taken into consideration.

SM7041

Category Theory

(Not available 1984-85)

Teacher Responsible: Dr. H.

Freedman, Room S465 (Secretary, Mimi Bell, S464)

Course Intended Primarily for B.Sc. (Maths.) 3rd year; B.Sc. (Maths./Stats., Maths./Comp.) 3rd year; B.Sc. (Maths./Phil.) 3rd year; M.Sc. (Maths.)

Scope: The aim of the course is to introduce students to the theory of categories, emphasizing ideas and methods which can also be used in other fields of Mathematics.
Syllabus: Functors and natural transformations; Limits and colimits; Adjoints; Completion; Abelian and algebraic categories.

Pre-Requisites: Acquaintance with sets, groups, rings and modules. Mathematical maturity.

Teaching Arrangements: 20 lectures (SM130)

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and 20 classes (SM130a) during the Lent Term.

Written Work: During the Michaelmas Term each student has to prepare, under supervision, a project, lecture on it to the class in the Lent Term and hand in a written report early in the Summer Term. In addition there are weekly exercises during the Lent Term.

Reading List: S. MacLane, *Categories for the Working Mathematician*, Springer; M. A. Arbib & E. G. Manes, *Arrow, Structures and Functions* (Chapter 10), Academic Press.

Supplementary Reading List: B. Pareigis, *Categories and Functors*, Academic Press.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper contains 7 questions. Full marks may be obtained on 4 questions. 60% of the total assessment of the course is based on the exam paper.

40% is awarded on the project, for which both the written report and the lecture are taken into consideration.

SM7042

Infinite Abelian Groups

Teacher Responsible: Dr. H.

Freedman, Room S465 (Secretary, Mimi Bell, S484)

Course Intended Primarily for B.Sc. (Maths.) 3rd year; B.Sc. (Maths./Stats., Maths./Comp.) 3rd year; B.Sc. (Maths./Phil.) 3rd year.

Scope: The aim of the course is to introduce students to the theory of infinite abelian groups and to help them acquire some of the techniques used in modern infinite algebra.

Syllabus: Direct sums of cyclic groups. Divisible and free Abelian groups. Pure subgroups. Basic subgroups. Ulm's theorem.

Pre-Requisites: The rudiments of group theory as presented in the course **Introduction to Algebra**.

Teaching Arrangements: 20 lectures (SM129) (about 75% of them given by students) and 20 classes SM129(a).

Written Work: During the Michaelmas Term each student has to prepare, under supervision, a project, lecture on it to the class in the Lent Term, and hand in a written report early in the Summer Term. Each student also has to give further lectures covering part of the course (usually the one related to his or her project), and hand in weekly exercises.

Reading Lists: L. Fuchs, *Infinite Abelian Groups I*, Academic Press; I. Kaplansky, *Infinite Abelian Groups*, Ann Arbor, Michigan Univ. Press.

A selection of papers specified during the course.

Supplementary Reading List: P. A. Griffith, *Infinite Abelian Group Theory*, Univ. Chicago Press.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper contains 7 questions. Full marks may be obtained on 4 questions.

60% of the total assessment of the course is based on the exam paper.

40% is awarded on the project for which the written report and the lecture are taken into consideration.

SM7060

SM8001

Applied Abstract Analysis

(Not available 1984-85)

Teacher Responsible: Dr. A.

Ostaszewski, Room S468 (Secretary, Mimi Bell, S464)

Course Intended Primarily for M.Sc. prelim. and final year. Available for suitable candidates for B.Sc. (Econ.) Part II. B.Sc. Course Unit. (Maths./Stats./Comp./Actuarial Science/ Management Science/Maths. and Phil.) 3rd year only.

Scope: To present a self-contained rigorous treatment of differentiation in infinite dimensional spaces (e.g. spaces consisting of functions) which establishes the calculus of variations as a tool for solving optimisation problems of a non-linear nature (such as finding the shortest path between two points on a given surface). A field of applications is then studied either using this tool or the whole framework of functional analysis.

Syllabus: Selected topics from the following:

(i) Function Analysis and Optimization. (Banach spaces, Hahn-Banach Theorem, Operator Derivatives, Abstract Lagrange Multipliers).

(ii) Control Theory. (Calculus of Variations, Pontryagin Theory, Linear Systems, Feedback Control, Stability).

(iii) Continuum Economics. (Lebesgue measure of coalition, mean demand, equivalence theorem, limit theorems.)

(iv) Special topic to be announced.

Pre-Requisites: Ideally though not necessarily a second course in Analysis. However, a rigorous first course in **Analysis and Set Theory** which considers metric spaces and topological spaces on an introductory level will suffice, provided that the student is well versed in so-called "epsilon and delta"

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arguments and accustomed to "abstract notions".

Teaching Arrangements: One lecture course (SM122) accompanied by classes.

Lectures: SM122 Two one-hour sessions Michaelmas and Lent Terms.

Classes: One hour Michaelmas and Lent Terms (SM122a)

Classes are taken by Dr. Ostaszewski. Very full notes are provided with appropriate problem sheets. Model answer may be provided as necessary. No course book is required but it is advisable to look at alternative accounts (as below).

Reading List: D. G. Luenberger, *Optimization by Vector Space Methods* (Wiley, 1969).

Appropriate to the first part of the course.

D. L. Russell, *Mathematics of Finite Dimensional Control Systems*.

An excellent text for linear control theory.

W. Hildenbrand, *Core and Equilibrium of a Large Economy* (Princeton, 1974) is the source text for the applications in mathematical Economics.

Supplementary Reading Lists are distributed.

Examination Arrangements: There is a formal examination in the Summer Term which consists of two sections A and B. Section A usually contains eight questions, Section B only three. M.Sc. students taking only the first semester of the course are given two hours in which to answer any number of questions from section A; full marks may be obtained on about three-and-a-half questions. M.Sc. students taking the full course are given three hours and must answer at least one question from each section; full marks in this case may be obtained on about five questions. For B.Sc. students, the marking is more lenient and questions may be answered from Sections A and B at will. The time given is three hours and full marks are obtainable on about four questions.

Revision guides will be distributed at the end of Lent Term and will contain information about: the structure of the paper, details of non-examinable material, suggestions on areas on which to concentrate revision.

Revision classes will be arranged on request in the Summer Term.

SM7061

Measure Theory, Probability and Integration

Teacher Responsible: Dr. E. Boardman, Room S486 and Dr. S. Alpern, Room S485 (Secretary, Mimi Bell, S464)

Course Intended Primarily for B.Sc. (Maths./Stats./Comp./Act. Sci.), B.Sc. (Econ.) and suitably qualified graduate students.

Scope: This is a third level theoretical course in Mathematics. The aim is to teach Measure Theory and Integration and to introduce the basic notions of Probability using the tools of Measure Theory.

Syllabus: Measure Theory and integration. Probability spaces, random variables, distribution functions and characteristic functions. Sums of random variables.

Independence. Conditional probabilities and conditional expectations. Modes of convergence of sequences of random variables. Laws of large numbers and central limit theorem. Skorohod's representation theorem. Empirical distribution function and Glivenko-Cantelli theorem. Martingales. Martingale convergence theorem. Applications.

Pre-Requisites: Normally students would be expected to have previously attended SM7030

Further Analysis. The course presupposes at least one course in formal real analysis, together with some elementary set theory and a knowledge of the topological properties of \mathbb{R}^n . Students who have not taken Further Analysis should consult the teacher responsible about the suitability of their mathematical background.

Teaching Arrangements: The lecture course SM131 *Measure Theory and Probability* consisting of some 45 lectures, sessional, associated with which are the weekly problem classes SM131a. Written answers to set problems will be expected on a regular basis. Written work is of particular importance in this course.

Written Work: See above paragraph.

Reading List: G. R. Grimmett & D. R. Stirzaker, *Probability and Random Processes*; P. Billingsley, *Probability and Measure*; L. Brieman, *Probability*; H. L. Royden, *Real Analysis*; J. F. C. Kingman & S. J. Taylor, *Introduction to Measure and Probability*; P. R. Halmos, *Measure Theory*; W. Feller, *An Introduction to Probability Theory and its Applications*, Vols. 1 & 2.

Examination Arrangements: There is a three-hour written formal examination in the Summer Term.

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SM7200

Basic Statistics

Teachers Responsible: Dr. C. Smith, Room S212 and Mr. A. Harvey, Room S218a (Secretary, Mary Cahill, S206)

Course Intended Primarily for 1st year B.Sc. (Economics) and Course Unit Students. Diploma in Accounting and Finance Diploma in Business Studies Diploma in Economics Diploma in Management Sciences

Scope: The course is an introduction to statistical methods and their use in the social sciences.

Syllabus: Descriptive statistics, elements of probability, special distributions, inference, analysis of variance, correlation and regression, goodness of fit, decision theory and survey sampling.

Pre-Requisites: A Pass in O-level Mathematics is normally required. The course is *not* suitable for those who have taken A-level Mathematics. Such students should take SM7201, *Elementary Statistical Theory*.

Teaching Arrangements: There is one lecture (SM200) a week in the Michaelmas Term and two lectures a week in the Lent Term. There is one class (SM200a) a week throughout the year, the final class being in the second week of Summer Term. Students are expected to hand in exercises for classes every week.

Reading List: Students should purchase one of the following books:

P. G. Hoel, *Elementary Statistics*; R. J. Wonnacott & T. H. Wonnacott, *Introductory Statistics*; J. E. Freund, *Modern Elementary Statistics*.

Examination Arrangements: There is a three-hour examination in the Summer Term. The paper is in two parts. Part A consists of a number of short questions, all of which are to be answered. These questions account for 40% of the marks. They do not all have equal weight. Part B consists of six questions, of which three are to be answered. Each of the questions is worth 20%. A formulae sheet is provided, as are statistical tables. Electronic pocket calculators can be used.

SM7201

Elementary Statistical Theory

Teacher Responsible: Mr. D. Balmer, Room S208 (Secretary, Leila Alberici, S107)

Course Intended Primarily for B.Sc. (Econ.) Part I

B.Sc. (c.u.) (Management Sciences) (Maths./Stats./Comp./Actuarial Science)

Course Unit 790/7201 usually taken in 1st year but is available for 2nd and 3rd years.

B.Sc. (Econ.) Part II

II Mathematical Economics and Econometrics 6(a)

V International Trade and Development 7(p)

VII Accounting and Finance 7(c)

XII Computing 5 & 6(b)

XVII Philosophy 7(k)

XXIV Population Studies 5-8(i)(1)

XXVI Mathematics and Economics 3(c)

and as an approved outside option/course unit for non-specialists.

Also available under

Diploma in Economics 2, 3 & 4 (b(iii))

Management Sciences Group III (d)

Operational Research 3 & 4(a(i))

Scope: The course intends to introduce students to a basic range of statistical ideas and techniques.

Syllabus: Descriptive Statistics including some exploratory data analysis. Probability and distribution theory. Sampling ideas.

Estimation and hypothesis testing. Regression, correlation, analysis of variance, time series and forecasting.

Pre-Requisites: No previous knowledge of statistics will be assumed. N.B. students who have taken a full or part A level in Statistics or have previously studied Statistics to an equivalent level should indicate this by recording an 'A' on their option cards. The course will however assume a mathematical knowledge (and confidence) equivalent to a reasonable attainment in a mathematical subject to A-level.

Teaching Arrangements:

Lectures: SM204 *Elementary Statistical Theory* 40 Michaelmas and Lent Terms.

Classes: SM204(a) 20 Sessional.

Reading List: There are many books with a similar content and level of coverage as the course. Students are advised to purchase one of:

T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics*, 3rd edn., Wiley; R. E. Walpole *Introduction to Statistics*, 3rd edn., Collier-Macmillan; P. G. Hoel, S. C. Port & C. J. Stone, *Introduction to Probability Theory and Introduction to Statistical Theory*.

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Houghton-Mifflin Co.

Supplementary Reading List: P. Sprent, *Statistics in Action* (Pelican); D. Cooke, A. H. Craven & G. M. Clarke, *Basic Statistical Computing* (Arnold); P. F. Velleman & D. C. Hoaglin, *ABC of EDA* (Duxbury Press); H. L. Alder & E. B. Roessler, *Introduction to Probability and Statistics* (Freeman); V. E. Cangelose, P. H. Taylor & P. F. Rise, *Basic Statistics - a Real World Approach* (West P.C.); H. S. Gillow, *Stat City* (Irwin).

Examination Arrangements: There is a single three-hour formal examination in the Summer Term covering the full content of the course.

SM7215

Methods of Statistical Analysis

Teacher Responsible: Colm O'Muircheartaigh, Room S214 (Secretary, Mary Cahill, S206)

Course Intended Primarily for

(a) B.Sc. c.u. Main field Sociology 1st Year

(b) B.Sc. c.u. Main field Social Psychology 1st year (See Ps5406)

(c) B.Sc. Social Science and Administration 1st year (Paper 2)

(d) B.Sc. (Econ.) Part II

(e) Diploma in Sociology

(f) M.Sc. in Sociology (optional)

Sociology and Social Psychology students will attend the whole course. Students in Social Science and Administration and Social Policy will attend the first 20 lectures only.

Scope: An introduction to statistical methods and statistical reasoning, with particular reference to applications in the social sciences. No prior knowledge of statistics is assumed.

Syllabus: The place of statistics in the social sciences, and the nature and purpose of statistical methods.

Descriptive statistics: Levels of measurement. The summarization and presentation of data using graphic methods. Frequency distributions and methods of describing them. Chance, uncertainty and probability. Elementary ideas of probability theory. Simple probability distributions. The normal distribution.

Basic ideas of sampling and statistical inference. Sampling from finite populations. Normal approximations to the sampling distributions of proportions and means and their use in estimation and hypothesis testing. Testing goodness of fit.

The measurement of association and correlation and simple tests of significance. Simple linear regression.

The exact sampling distribution of the

standard test statistics. Two-sample tests for means for related and unrelated measurements. Distribution free tests, contingency tables, rank correlation methods. Analysis of variance (ANOVA). The t-test and the F-test. Testing correlation and regression coefficients. Multiple regression.

Pre-Requisites: None.

Teaching Arrangements:

Lectures (SM202): In the Michaelmas Term, there will be one lecture each week; in the Lent Term there will be two lectures each week. Lectures for the Summer Term will be arranged later. Sociologists attend So102. Classes: In addition to lectures there will be a weekly class (SM202a). The main purpose of the classes is to provide an opportunity to ask questions about the lecture material and to discuss the exercises.

Each week a set of exercises will be distributed at the lecture. The exercises are an essential part of the course and they must be handed in on time if full benefit is to be derived from the classes. The exercise marks are used for assessment for Sociology and Social Psychology students.

Reading List: There are many elementary books on Statistics for social scientists but experience seems to show that none is ideally suited to the needs of students on this course. Consequently, each week a set of notes covering the lecture topics for that week will be distributed. These notes will provide a framework for further reading, and will indicate where further material on the topics may be found.

The following notes may help the student to choose among some of the more useful books. H. M. Blalock, *Social Statistics* (1st or 2nd edn.). Probably the best single text. It is widely used in university courses at this level but the mathematical level is rather higher than in this course and it covers a much wider range. Social Psychologists are recommended to buy it - others should look at it first to see if it meets their needs.

H. J. Loether & D. G. MacTavish, *Descriptive Statistics for Sociologists: An Introduction; Inferential Statistics for Sociologists: An Introduction*. Two very good books although very long (more than 300 pages in each) and going beyond the scope of this course. Certainly worth consulting from time to time.

K. A. Yeomans, *Introductory Statistics, Statistics for the Social Scientist*, Vol. I; *Applied Statistics, Statistics for the Social Scientist*, Vol. II. A good alternative to Blalock. Vol. I contains a revision of elementary arithmetic and mathematics. Vol. II takes the subject beyond the scope of this course.

F. R. Jolliffe, *Commonsense Statistics for Economists and Others*. A good elementary introduction with no particular bias in spite of the title. Goes a little further in some directions than this course. It would be a reasonable choice for someone who finds Blalock too difficult. Available in paper back. D. Rowntree, *Statistics Without Tears*.

Described as a primer for non-mathematicians it covers much of the material in the early part of the course. It would serve as a good preparation for those whose mathematics is very limited but would need to be supplemented by one of the other books giving a more complete coverage.

A. H. Pollard, *Introductory Statistics, A Service Course by A. H. Pollard*. Similar coverage to Jolliffe and equally good.

T. W. Anderson & S. L. Sclove, *Introductory Statistical Analysis*. Another introductory text somewhat above the level of Jolliffe and with wider coverage. The examples tend to have an American flavour but those who find this appealing and have A or good O-level mathematics might find it a good choice.

W. E. Willemsen, *Understanding Statistical Reasoning*. This is an excellent book. It is written primarily for psychologists and its object is to enable them to evaluate critically the statistical arguments which appear in their research literature. It goes well beyond the scope of this course and concentrates on those topics which are prominent in the psychological literature. Social psychologists, especially, would find it useful both for this course and later.

T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics*. Particularly useful for the later part of the course. The mathematical level is a little too high but the treatment is clear and concise. The book covers many topics beyond the level of this course.

Examination Arrangements: All examinations for this course will be open-book examinations. For Social Psychology and Sociology students 30% of the marks for the course will be based on assessment of the homework submitted during the session.

SM7216

Decision Analysis

Teacher Responsible: Dr. John Howard, Room S209 (Secretary, Hazel Rice, S108)

Courses Intended Primarily for

B.Sc. (Management Sciences) 2nd or 3rd year
B.Sc. (Maths./Stats./Actuarial Science) 2nd or 3rd year

B.Sc. (Economics) XI Statistics
B.Sc. (Economics) XII Computing
Diploma in Operational Research
Diploma in Statistics

For course unit degrees, the Course Registration Number is 790/7216.

Scope: The course covers the fundamentals of the theory of decision analysis, its use in Bayesian statistics, behavioural decision theory, and the application of decision analysis in practice. The course is given jointly by the Decision Analysis Unit and the Department of Statistical and Mathematical Sciences, and is intended to be genuinely inter-disciplinary.

Syllabus: The foundations of decision theory; descriptive models of human decision making; Bayesian statistical methods with applications; the use of decision analysis in practice.

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**. Mathematics to the level of **Elementary Mathematical Methods**.

Teaching Arrangements: There are four lecture courses, each accompanied by a fortnightly class, as follows:

Lectures: SM238, 10 Lent Term
SM239, 10 Michaelmas Term
SM240 10 Michaelmas Term
SM241, 10 Lent Term

Classes: SM238a, 5 Lent Term
SM239a, 5 Michaelmas Term
SM240a, 5 Michaelmas Term
SM241a, 5 Lent Term

SM238 **Fundamentals of Decision Theory (Dr. J. V. Howard)**. This covers the normative theory of subjective probability and expected utility.

SM239 **Behavioural Decision Theory**. (Staff of the Decision Analysis Unit.) An exposition of descriptive models of human decision making, with an emphasis on the relationship between descriptive and normative theories.

SM240 **Bayesian Statistical Methods (Dr. M. Knott)**. General discussion of the Bayes' approach and comparison with other approaches to statistical inference. Applications to some basic statistical problems.

SM240 **Decision Analysis in Practice**. (Staff of the Decision Analysis Unit.) Presents applications of Decision Theory in both public and private sectors, illustrating how Decision Theory is modified and supplemented to provide a workable technology.

Reading List: Recommended books will be given at the beginning of each lecture course.

Examination Arrangements: The course is examined by one three-hour formal examination in the Summer Term, covering the full syllabus for the four lecture courses. The paper will probably contain eight questions of which five must be attempted. It is important to attempt five questions: only the best five answers will be counted, and one fifth of the marks is available for each of these five attempts. On the other hand, it is not necessary to answer fully all parts of a question to obtain a reasonable mark on it.

SM7220

Probability, Distribution Theory and Inference

Teacher Responsible: Dr. M. Knott, Room S216 (Secretary, Anne Usher, S205)

Course Intended Primarily for B.Sc. (Econ.)
Special subjects: Econometrics and Mathematical Economics, Statistics; B.Sc. Course Unit Main Fields Maths., Stats., Act. Sci.

Scope: The course is intended to cover the probability, distribution theory and statistical inference needed for the third year courses in statistics and econometrics given at the School.

Syllabus: Revision of basic probability theory and of the basic discrete and continuous one variable distributions. Joint distribution of several variables. Marginal and conditional densities. Multinomial and bivariate normal distributions. Moment generating functions. Functions of random variables. Change of variable. Weak law of large numbers and central limit theorem. Sampling distributions. Criteria of estimation: consistency, unbiasedness, efficiency, minimum variance. Sufficiency. Maximum likelihood estimation and its properties. Confidence intervals. Tests of simple hypotheses. Likelihood ratio tests.

Pre-Requisites: The course is designed to follow on from **Elementary Statistical Theory**. It is normally attended by second year students who have taken **Elementary**

Mathematical Methods as well as **Elementary Statistical Theory** in the first year. Any student who has not taken these two first year courses is advised to consult one of the teachers responsible for the course.

Teaching Arrangements: There are two lecture courses each accompanied by classes for which the students are divided into two groups. Exercises will be set in connection with these classes and students' answers will be marked.

Lectures: SM206 **Probability and Distribution Theory**. 20 Michaelmas, 10 Lent, 3 Summer Term.

SM207 **Estimation and Tests**. 10 Lent, 2 Summer Term.

Classes: SM206(a) 9 Michaelmas, 5 Lent, 2 Summer Term.

SM207(a) 4 Lent, 1 Summer Terms.

Reading List: The main reference for the course is:

A. M. Mood, F. A. Graybill & D. C. Boes, *Introduction to the Theory of Statistics* (3rd edn.).

Other useful books are:

R. V. Hogg & A. T. Craig, *Introduction to Mathematical Statistics* (3rd edn.); P. L. Meyer, *Introductory Probability and Statistical Applications*; B. W. Lindgren, *Statistical Theory* (3rd edn.); M. Woodroffe, *Probability with Applications*; H. J. Larson, *Introduction to Probability Theory and Statistical Inference* (3rd edn.).

Examination Arrangements: One three-hour written examination in the Summer Term. Five questions have to be answered out of the ten set. (Seven questions are set on the material of course SM206, three on SM207).

SM7230

Statistical Techniques for Management Sciences

Teacher Responsible: Dr. C. Smith, Room S212 (Secretary, Leila Alberici, S107)

Course Intended Primarily for

B.Sc. (Management Sciences) 2nd or 3rd year

B.Sc. (Maths./Stats./Comp./Actuarial Science) 2nd or 3rd year

B.Sc. (Economics) XII Computing

Diploma in Management Sciences

For course unit degrees, the Course Registration Number is 790/7230.

Scope: This is a second course in Statistics, emphasizing the application of statistical techniques which have proved useful in the Management Sciences.

Syllabus: Analysis of Variance, Regression,

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Time Series and Forecasting, Survey Methods, Quality Control. More detail is given in the lecture course descriptions under "Teaching Arrangements" below.

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**. Mathematics to the level of **Elementary Mathematical Methods**. In particular, students should have covered elementary distribution theory, confidence intervals and hypothesis testing, and basic linear algebra. It is NOT necessary to have any previous experience of computers, but students will be expected to use the MINITAB computer package to carry out the calculations necessary to do the course exercises.

Teaching Arrangements: There are four lecture courses, each accompanied by a class, as follows:

Lectures: SM210 **Analysis of Variance and Quality Control** 10 Lent Term

SM211 **Time Series and Forecasting** 10 Michaelmas Term

SM212 **Applied Regression Analysis** 10 Lent Term

SM213 **Survey Methods** 10 Michaelmas Term

Classes: SM210a 5 Michaelmas Term

SM211a 5 Lent Term

SM212a 5 Lent Term

SM213s 5 Lent Term

SM210 **Analysis of Variance and Quality Control (Dr. Howard).**

Three lectures on Quality Control introduce methods of acceptance/rejection and continuous process control. Seven lectures on Analysis of Variance cover one and two-way classifications and the estimation of contrasts. SM211 **Time Series and Forecasting (Mr. Balmer).**

Trend, seasonality, stationarity, exponentially weighted moving average forecasts, ARMA models, and Box-Jenkins forecasting.

SM212 **Applied Regression Analysis (Dr. Howard).**

Multiple linear regression, transformation of data, stepwise and best subsets regression.

SM213 **Survey Methods (Dr. Phillips).**

(This also forms part of the course **Statistical Techniques and Packages** - Course

Registration Number 790/7240.) Principles of sampling, stratification, clustering and the multistage sample, applications in market research and accounting. Major government surveys. Questionnaire design. Non-sampling errors.

SM210-SM213 have classes approximately once a fortnight to discuss sets of problems given out in the lectures. The class teachers are usually either the lecturer or a research officer. SM214 has five class seminars taken

by the lecturer after the lecture course has finished. Full lecture notes and problem solutions are provided for SM210 and SM212. **Reading List:** Recommended books are R. B. Miller & D. W. Wichern, *Intermediate Business Statistics* (Holt, Rinehart & Winston, 1977); T. H. Wonnacott & R. J. Wonnacott, *Regression: A Second Course in Statistics* (Wiley, 1981, available in paperback); G. Kalton and C. Moser, *Survey Methods in Social Investigation*.

Students may also wish to consult C. Chatfield, *The Analysis of Time Series - Theory and Practice*; W. Gilchrist, *Statistical Forecasting*; J. Neter & W. Wasserman, *Applied Linear Statistical Models*; T. A. Ryan, B. L. Joiner & B. F. Ryan, *MINITAB Student Handbook*; G. B. Weatherill, *Sampling Inspection and Quality Control*; T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics for Business and Economics* (2nd edn.).

Examination Arrangements: There is a three-hour formal examination in the Summer Term, covering the full syllabus for all four lecture courses. The paper usually contains 9 questions, of which 5 must be attempted. It is important to attempt five questions: no credit is given for a sixth answer, and one fifth of the marks is available for each of these five attempts. On the other hand, it is not necessary to answer in full all parts of a question to obtain a reasonable mark on it. Copies of previous years' papers are available. The majority of the total assessment of the course is based on the examination paper - the remainder is awarded on a project. The project is usually set during the Lent Term and students attempt it in teams of about four members each. The project is handed in early in the Summer Term, and is marked on presentation as well as content.

SM7231

Marketing and Market Research

Teacher Responsible: Mrs. K. Spitz, Room S213 (Secretary, Hazel Rice, S108)

Course Intended Primarily for B.Sc.

Management Sciences

Course Unit 790/7231

B.Sc. (Management Sciences) 2nd or 3rd year

B.Sc. (Econ.) approved outside option

Diploma in Management Sciences

Scope: The aim of the course is to cover the main methods of data collection and analysis used in market and opinion research and to introduce models for perception, attitude

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structure and buying behaviour.

Syllabus: Marketing information systems. Problem formulation and research designs for market and opinion research. Random sampling and statistical inference: stratification clustering, multistage, multiphase, and area sampling. Sampling frames and non-response. Quota sampling. Data collection methods: interviews, mail questionnaires, observation, panel studies, retail audits and some more qualitative methods. Product tests, advertising and public opinion research. Models for perception, attitudes and preferences: methods of attitude scaling. Thurston, Likert, Guttman and semantic differential scales. Some statistical models used in the analysis of multivariate marketing data. Theories of customer behaviour: models for brand choice, brand loyalty, purchase incidence, purchase timing and market penetration. Learning models for new product adoption. Optimal advertising rates.

Pre-Requisites: An understanding of the elements of probability and statistical inference is required although much of the course is completely non-mathematical. Some use may be made of computer packages but it is NOT necessary to have any previous experience of computers.

Teaching Arrangements: The course consists of three hours per week for 23 weeks.

Approximately two thirds of the hours are lectures. Four members of staff participate in the course.

SM222(i) **Professor A. S. Douglas** (S106)

Introduction to Marketing 5 Michaelmas Term

SM222(ii) **Mr. D. Balmer** (S208) **Stochastic**

Models 10 Lent Term, 5 Summer Term

SM222(iii) **Mrs. K. E. Spitz** (S213) **Research**

Methods 20 Michaelmas Term, 10 Lent Term,

4 Summer Term

SM222(iv) **Dr. C. Phillips** (S207) **Measurement**

and Data Analysis 5 Michaelmas Term, 10

Lent Term

Class time will be allocated at the most appropriate points in each of the four lecture courses and will take the form either of problem discussion and solution or of the presentation by students of prepared papers. SM222(i) serves as a brief introduction to the marketing function and sources of marketing information.

SM222(ii) covers various theories of consumer behaviour and the stochastic models associated with these.

SM222(iii) is the core methods course and is predominantly concerned with the application of survey methods in market and opinion research.

SM222(iv) covers attitude scaling and

introduces some methods of multivariate analysis.

Written Work: Students will be expected to attempt about six statistical problem sets for SM222 (ii) and (iii). They will also be asked to prepare and deliver class papers on assigned topics for SM222 (iii) and (iv).

Reading List: No one book covers the entire syllabus. Students are however advised to purchase:

C. A. Moser & G. Kalton, *Survey Methods in Social Investigation* (Available in paperback); W. F. Massey, D. B. Montgomery & D. G. Morrison, *Stochastic Models for Buying Behaviour* (Available in paperback).

Books which students may wish to consult include:

R. W. Worcester & J. Downham (Eds.), *Consumer Market Research Handbook*; J. R. G. Jenkins, *Marketing and Consumer Behaviour*; C. A. O'Muircheartaigh & C. D. Payne (Eds.), *The Analysis of Survey Data*.

Examination Arrangements: There is a three hour formal examination in the Summer Term based upon the full syllabus. The paper contains eleven questions of which four are to be answered. Each question carries an equal number of marks. The majority of the questions require essay type answers. The paper will be marked out of 80 and course work for (ii) and (iv) will be marked out of 20.

Copies of the examination paper from 1981 are available.

SM7240

Statistical Techniques and Packages

Teacher Responsible: Mrs. K. Spitz, Room S213 (Secretary, Hazel Rice, S108)

Course Intended Primarily for B.Sc. (Statistics) (Third year); B.Sc. (Econ.) XI Statistics (Third year). Course unit 790/7240

Scope: The aim of the course is to introduce students to a further range of important statistical techniques and procedures together with some relevant programming packages.

Syllabus:

SM214 **Surveys, Experiments and other Investigations.** Surveys: design decisions, methods of random sampling, data collection methods and the control of response and non-response errors. The design of experiments and other explanatory studies.

SM215 **Sample Survey Theory.** The mathematical theory of simple random

sampling, stratification and multi-stage sampling.

SM216 **Multivariate Methods.** A survey of principal component analysis, cluster analysis, factor and latent structure analysis and multidimensional scaling. Illustrative examples of the application of each technique including interpretation of computer output.

SM217 **Further Statistical Theory and Methods.** Minimum variance estimation. The Rao-Blackwell theorem, completeness and the exponential family of distributions.

Distribution-free methods, outliers and robustness, exploratory data analysis.

Pre-Requisites: Probability, Distribution Theory and Inference to an intermediate level.

Teaching Arrangements:

SM214 Given by Mrs. K. Spitz. 20 Lent Term, 2 Summer Term. Usually consists of 15 lectures and 7 classes. Students present prepared class papers.

SM215 Given by Mrs. K. Spitz. 10 Michaelmas Term, 5 Lent Term. Includes 4 or 5 classes in which solutions to problem sets given out in the lectures are discussed.

SM216 Given by Dr. C. Phillips, Room S207. 10 Michaelmas Term, 5 Lent Term. Usually includes 5 classes for which each student prepares one class paper.

SM217 Given by Professor J. Durbin, Room S217. 10 Michaelmas Term, 5 Lent Term. Includes 5 classes.

SM304 Given by Miss C. Hewlett. 10 lectures and 10 classes in the Michaelmas Term.

Reading List: SM214 Students are advised to purchase: C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*.

Other books which may be consulted include: C. Selltitz *et al.*, *Research Methods in Social Relations*; H. M. Blalock, *An Introduction to Social Research*.

SM215 Students should purchase or consult: W. G. Cochran, *Sampling Techniques*.

Other recommended reading:

L. Kish, *Survey Sampling*; M. H. Hansen, W. N. Hurwitz & W. G. Madow, *Sample Survey Methods and Theory*; F. Yates, *Sampling Methods for Censuses and Surveys*.

SM304 Given by Miss C. R. Hewlett, Room S202, 10 lectures and 10 classes in the Michaelmas Term.

SM216: No single book adequately covers the course. The most suitable are:

C. A. O'Muircheartaigh & C. Payne, *The Analysis of Survey Data*, Volume I; A. E. Maxwell, *Multivariate Analysis in Behavioural Research*.

Other Books which can be usefully consulted are: C. Chatfield & A. J. Collins, *Introduction to Multivariate Analysis*; M. G. Kendall, *Multivariate Analysis*; D. J. Bartholomew,

Mathematical Methods in Social Science.

SM217 Reading will be announced at the beginning of the course.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based upon SM214 to SM217. Five questions must be answered from a total of nine. Copies of past examination papers are available.

SM7241
SM7250

Statistical Theory Statistical Methods for Actuarial Sciences

Teacher Responsible: Dr. M. Knott, Room S216 (Secretary, Anne Usher, S205)

Course Intended Primarily for B.Sc. (Econ.) XI Statistics 3rd year

B.Sc. (Maths./Stats./Comp./Actuarial Science) 3rd Year

Scope: The course introduces the student to four central fields in the theory of statistics: stochastic processes, linear models, time series, regression and analysis of variance.

Syllabus:

SM218 Regression, General Linear Models, Analysis of variance, Time Series Analysis and Forecasting. Implementation of the theory on selected computer packages.

SM219 Elementary stochastic processes including random walks, Markov Chains, Poisson processes, Birth and Death processes.

SM220 Applications of stochastic processes in selected social science fields.

Pre-Requisites: Elementary Statistical Theory and Probability Distribution Theory and Inference.

Teaching Arrangements: Courses SM219 and SM220 together consist of 15 hours of which 10 are lectures and 5 are classes.

Analysis of Variance will take about 15 hours and so will Regression, General Linear Models and Time Series. Approximately a third of these hours will be classes. Students are given sets of exercises which are marked by the lecturer and discussed in the classes. The classes also provide an opportunity for the student to ask questions and resolve difficulties.

Reading List: SM219 and SM220: There is no single text which can be unequivocally recommended for purchase but students will find it useful to possess one of the following: D. R. Cox & H. D. Miller, *The Theory of Stochastic Processes*; N. T. J. Bailey, *The*

Elements of Stochastic Processes; M. Iosifescu, *Finite Markov Processes and Their Applications*; S. Karlin & H. Taylor, *A First Course in Stochastic Processes*.

SM218:

N. R. Draper & H. Smith, *Applied Regression Analysis*, 2nd edn.; K. A. Brownlee, *Statistical Theory and Methodology in Science and Engineering*; R. L. Plackett, *Analysis of Categorical Data*; A. C. Harvey, *Time Series Models*.

Examination Arrangements: There is a three-hour paper in the Summer Term of eight questions made up of two from each course. The rubric asks for answers for five questions. If more than five are attempted the marks for the best five only will be counted. 92% of the final assessment is based on the examination and 8% on exercises set in connection with the Regression and Analysis of Variance courses.

SM7260

Actuarial Investigations: Financial and Statistical

Teacher Responsible: Leigh Roberts, Room S216 (Secretary, Mary Cahill, S206)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u. 2nd or 3rd year.

Scope: The financial part of the course refers to the application of compound interest principles to financial transactions, including investment. The statistical part refers to data interpretation and derivation of models from data involving human contingencies and is closely modelled on the Institute of Actuaries' subject A6.

Syllabus: Financial: Compound interest, equations of value; discounted cash flow terminology and methods of investment appraisal; the annuity certain; capital redemption policies; determination of the rate of interest in a given transaction; valuation of securities; cumulative sinking funds. Statistical: Incremental rates and other indices; analysis of data and derivation of exposed to risk formulae; calculation of mortality; sickness and other decremental rates, including multiple decrement rates; graduation methods and their application, tests of graduation, features of principal tables in common use; national vital statistics and population projection; applications outside insurance.

Pre-Requisites: Mathematics to a level corresponding to Elementary Mathematical

Methods. Statistics to a level corresponding to **Elementary Statistical Theory**. This is a starting course and there are no other pre-requisites.

Teaching Arrangements: The course is taught in alternate years. (The other alternate is **Actuarial Life Contingencies**, SM7261). The course is taught in forty-four lectures and twenty supporting classes.

Written Work: Students generally solve an example sheet for each class. These are commented upon in writing by the class teacher, and discussed in the following class.

Reading List:

Financial: D. W. A. Donald, *Compound Interest and Annuities Certain*.

Statistical: B. Benjamin & J. H. Pollard, *The Analysis of Mortality and Other Actuarial Statistics*; Registrar General's Decennial Supplement, *Life Tables* 1971.

Examination Arrangements: There are two three-hour examination papers in the Summer Term. Paper I is on the financial part of the course, and Paper II on the statistical part. On each paper there is a choice of two questions from three in Section A and three questions from five in Section B. Section A questions tend to be more basic than those in Section B, and questions in Section A carry fewer marks. The final mark is the average of the marks awarded on each paper.

SM7261

Actuarial Life Contingencies (Not available 1984-85)

Teacher Responsible: Leigh Roberts, Room S216 (Secretary, Mary Cahill, S206)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u. 2nd or 3rd year.

Scope: The course covers the elements of valuing insurance companies and determining premium rates, and calculating pension fund liabilities. The basic tool is decrement tables, and the methods developed are of significance in many areas besides insurance. The course is closely modelled on the Institute of Actuaries' subject A3.

Syllabus: Construction of mortality, sickness, multiple decrement and other similar tables from graduated data; determination and use of functions based thereon. Values of and premiums for annuities and assurances on one or more lives. Reserves for financial contracts. Values of contributions for sickness benefits, pension benefits, disability and widows' and orphans' benefits.

Pre-Requisites: Mathematics to a level corresponding to **Elementary Mathematical Methods**. Statistics to a level corresponding to **Elementary Statistical Theory**. There are no other pre-requisites.

Teaching Arrangements: The course is taught in alternate years. (The other alternative is **Actuarial Investigations: Financial and Statistical**, SM7260). The course is taught in forty-four lectures and twenty supporting classes.

Written Work: Students generally solve an example sheet for each class. These are commented upon in writing by the class teacher, and discussed in the following class.

Reading List: A. Neill, *Life Contingencies*, Heinemann, 1977.

Examination Arrangements: There are two three-hour examination papers in the Summer Term. On each paper there is a choice of two questions from three in Section A and three from five in Section B. Section A questions tend to be more basic than those in Section B, and questions in Section A carry fewer marks. The final mark is the average of the marks awarded on each paper.

SM7300

Elements of Computer Science Teacher Responsible: Tony Cornford, Room S105A (Secretary, Sue Coles, S107)

Course Intended Primarily for

B.Sc. (Econ.) Part I

B.Sc. (Maths./Stats./Computing/Actuarial Science)

B.Sc. (Management Sciences)

Diploma in Accounting and Finance

Diploma in Management Sciences

Diploma in Operational Research

Diploma in Statistics

Scope: This course covers computer hardware and computer software including programming, together with some consideration of the overall design and management of computer systems. It is intended for students who will go on to study further computing courses.

Syllabus:

Computer hardware

Central processing unit, memory, storage devices, input/output devices. The operation of a computer. The scope and capabilities of computer communication systems.

Computer software

Loaders, assemblers, compilers, interpreters, utilities and operating systems. Programming languages and the methodology of problem

formulation, program design and coding. The PASCAL programming language is taught.

Data structures and computer file organisation
Data representation, data storage devices, logical data structures. File organisation and file processing.

Pre-Requisites: There are no pre-requisites for this course. No knowledge of computers is assumed.

Teaching Arrangements: There are three lecture courses, one of which is accompanied by classes. The class to accompany SM302 will cover material for SM305 and SM311.

Lectures:

SM302 **Introduction to Computing** 20

Michaelmas and Lent Terms and class

SM305 **PASCAL Programming** 15 Michaelmas

and Lent Terms.

SM311 **Computer File Organisation** 5 Lent

Term.

SM302 **Introduction to Computing**. This covers computer hardware, software (excluding PASCAL programming). The classes that accompany the course are used to clarify lecture material, and to go through exercises.

SM305 **PASCAL Programming 15** Michaelmas covers problem formulation and solution using the PASCAL programming language.

SM311 **Computer File Organisation**. This course covers data representation, data structures, data storage, file organisation and file processing.

Recommended Reading: Goldschlager & Lister, *Computer Science: A Modern Introduction*, Prentice Hall, 1982; P. Bishop, *Computing Science*, Nelson, 1982; L. V. Atkinson, *A Student Guide to Programming in PASCAL*, Wiley, 1982; D. Cooper & M. Clancey, *Oh! Pascal*, Norton, 1982.

The following books deal with particular topics on the course.

Specific references are made to these and other books as topics are introduced.

E. S. Page & L. B. Wilson, *Information,*

Representation and Manipulation in a

Computer, 2nd edn., Cambridge, 1978; H.

Lawson, *Understanding Computer Systems*,

Chartwell-Bratt; H. D. Clifton, *Business Data*

Systems, Prentice Hall, 1978, (High level view

of aspects of commercial data processing

systems. Many students find this book useful

to provide a context to the course. See

particularly the first 6 chapters.); W. Y. Arms

et al., *A Practical Approach to Computing*,

Wiley, 1976, (Based on Open University

course, this book covers much of the syllabus

of SM302, but takes a rather different

approach.).

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus for all lecture

courses. The paper contains 10 questions of which 5 are to be answered.

There are opportunities for students to learn other programming languages during the year – though no credit is given for these courses.

Attention is also drawn to the series of Wednesday afternoon lectures given by members of the LSE Computer Service on particular computing topics of interest to social scientists. Students should consult the notice boards outside Computer Reception S101.

SM7301

General Computing

Teacher Responsible: Professor Frank Land, Room S102 (Secretary, Sue Coles, S107)

Other Teachers: David Dalby, Room S286
Course Intended Primarily for B.Sc. (Econ.) Part I, B.Sc. (Econ.) Part II outside options.

Scope: This course is intended for students who wish to take a single Computing course within their degree. This approach emphasises applications, and social and economic issues in information technology.

Syllabus: Computer hardware and software, computer programming, computer applications. Methods for developing computer based applications. The economics of information technology. Social Issues.

Pre-Requisites: There are no pre-requisites.

Teaching Arrangements: There are two lecture courses. The class to accompany SM300 will cover material from both courses.

Lectures: SM300 **General Computing I** 20

Michaelmas and Lent Terms.

SM301 **General Computing II** 20 Michaelmas

and Lent Terms.

Classes: SM300a 20 classes Michaelmas and

Lent Terms to cover material for both

courses.

SM300 **General Computing I**, BASIC

Programming and program design.

Applications of Computers in Business and

Social Science.

SM301 **General Computing II**, Introduction to

Computer Technology. Social and economic

issues of information technology.

Reading List: Hunt & Shelley, *Computers and*

Common Sense, Prentice Hall; H. J. Lawson,

Understanding Computer Systems, Chartwell-Bratt; H. D. Clifton, *Business Data Systems*,

2nd edn., Prentice Hall, 1983; P. Bishop,

Computing Science, Nelson, 1982; R. Atherton,

Structured Programming with Control, Ellis-Horwood, 1982; R. A. Stern & N. Stern, *An Introduction to Computers and Information*

Processing, Wiley, 1982.

Further reading will be given during the course.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus for all lecture courses.

SM7320

Computing Methods

Teacher Responsible: Tony Cornford
(Secretary, Susan Coles, S107)

Others involved in this course are

Rudi Hirschheim, S104

Course Intended Primarily for

B.Sc. (Econ.) XII Computing I

B.Sc. (Maths./Stats./Computing/Act. Sci.)
2nd or 3rd year

B.Sc. (Management Sciences) 2nd or 3rd year

Diploma in Management Sciences

Diploma in Operational Research

Scope: The aim of this course is to extend students knowledge of Computer Systems, computer communications, programming languages and program design, including data structures, and the issues involved in the design and use of data base systems.

Syllabus:

Micro Computers: The component parts of a micro computer. The micro processor, its machine code and assembly languages, addressing, interrupts, the hardware stack. The development of micro computer technology and its impact.

Communications and Distributed Systems: Wide area networks and local area networks. Ethernet and Cambridge Ring networks. The layered approach to design and implementation of protocols. Distributed Systems.

Programming Language and Data Structures: Pascal is used to provide a vehicle for discussion of program design and Data Structures. Students also study other languages.

Data Base Design: Students are introduced to the hierarchical, network and relational models of data bases. Entity modelling and normalisation. Schemas and Query Languages.

Pre-Requisites: Students are assumed to have a knowledge of computers equivalent to the course **Elements of Computer Science**. They should know the Pascal programming language. The course calls for a considerable

amount of practical work using the Computer equipment in the School.

Teaching Arrangements: There are two lecture courses as follows:

SM306 Computing Methods I 20 lectures
Michaelmas and Lent Terms and class (SM307a)

SM307 Computing Methods II 20 lectures
Michaelmas and Lent Terms.

Students are also expected to put in approximately 2 hours per week of work using the School computers.

Lectures: SM306 Computing Methods I. This covers programming languages and data structures during the Michaelmas Term, and data base topics during the Lent Term. Exercises will be set.

SM307 Computing Methods II. This covers the topics of Micro Computers and Computer technology, as well as Computer Communications.

Reading List: No one book covers the entire syllabus. Students are advised to make good use of the library, and to share books. Further reading will be given during the course.

J. F. Wakerly, *Micro Computer Architecture and Programming*, Wiley, 1981 (This is an excellent book on Micro computer hardware and software, using Pascal extensively to explain concepts; C. Date, *Introduction to Data Base Systems*, 3rd edn., Addison-Wesley;

T. Forrester, *The Micro Electronic Revolution*, Pitman, 1980; M. S. Stone *et al*, *Introduction to Computer Architecture*, 3rd edn., SRA, 1980; D. Halsal & Lister, *Micro Processor Fundamentals*, Pitman, 1980 (A simple introduction to the Intel 8085 micro processor.); M. L. Detouzos, *The Computer Age: a Twenty Year View*, MIT Press, 1980; S. Atre, *Data Base, Structures Techniques for Design, Performance and Measurement*, Wiley, 1980; L. Atkinson, *Pascal Programming*,

Wiley, 1980; R. G. Dromey, *How to Solve it by Computer*, Prentice-Hall, 1982; I. Barron, & R. Curnow, *The Future with Micro Electronics*, Open University Press, 1979; O. J. Dahl, E. W. Dijkstra & C. A. Hoare, *Structured Programming*, Academic Press, 1972 (Classic reference on structured programming.); K. Jensen & N. Wirth, *Pascal User Manual and Report*, Springer-Verlag, 1974 (Original definition of Pascal language – not a text book); G. H. MacEwan,

Introduction to Computer Systems using PDP11 and Pascal, McGraw Hill, 1980; E. S. Page & L. B. Wilson, *Information, Representation and Manipulation in a Computer*, 2nd edn., CUP, 1978; P. Grogono, *Programming in Pascal*, revised edn., Addison Wesley, 1980; K. J.

Thurber & H. A. Freeman, *Tutorial: Local Computer Networks*, 2nd edn., IEEE, 1981; J. Beider, *An Introduction to Data Structures*, Allyn & Bacon, 1982; A. S. Tanenbaum, *Computer Networks*, Prentice Hall, 1981; R. M. Needham & H. J. Herbert, *The Cambridge Distributed Computing System*, Addison-Wesley, 1982.

Material will be distributed covering Communication Systems. Students will be expected to read specific journal articles during the year. Students are particularly directed towards the journals *Computing Surveys*, *Computer Communication* and *Software Practice and Experience* which are in the LSE main library.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus for both lecture courses. The paper contains 10 questions, of which 4 are to be answered. Students will also be asked to produce a practical piece of work for assessment. This work will be set before Christmas and expected to be submitted before Easter. This project will count for 15% of the marks, the exam for 85%, but note that the project work will be of direct relevance to examination topics.

SM7321

Application of Computers

Teacher Responsible: Tony Cornford,
Room S105A (Secretary, Sue Coles, S107)

Course Intended Primarily for

B.Sc. (Econ.) XII Computing 3rd year

B.Sc. (Maths./Stats./Computing/Actuarial Science) 3rd year

B.Sc. (Management Sciences) 3rd year

Scope: This paper is designed to consolidate the computing theory which students have learned, by their pursuing a practical programming project.

Syllabus: Students will identify an application, analyse it and design a computerised solution. This will be programmed. The student will write a report on the application including a detailed description of the design of the computerised solution, and the programs that implement it.

Pre-Requisites: For undergraduate students the course **Elements of Computer Science** is a pre-requisite.

Teaching Arrangements: There is a single course of 10 1 hour lectures in the Michaelmas Term (SM321).

803 *Statistical and Mathematical Sciences*

All students must keep in touch with the teacher responsible for the course who must approve all projects. Students will make use of the general support offered by the School to computer users. This includes the program advisory services, and the various courses and lectures offered in the University.

Reading List: Appropriate reading depends on the projects tackled. The reading shown here should be of general use in most projects. C. Edwards, *Developing Microcomputer Based Business Systems*, Prentice Hall, 1982; D. Van Tassel, *Program Style, Design, Efficiency, Debugging and Testing*, Prentice-Hall, 1978; B. W. Kernighan & P. J. Plaugher, *Software Tools*, Addison Wesley, 1976; B. W.

Kernighan & P. J. Plaugher, *The Elements of Programming Style*, McGraw Hill, 1974; P. Freeman & A. Wasserman, *Tutorial: Software Design Techniques*, 3rd edn., IEEE, 1980. See examples and papers by Jackson, Stay and Stevens.

Examination Arrangements: This course is assessed on the programs and report produced. Students may start work on their projects at any time. The final report *must* be handed in by the end of the first week of the Summer Term. More information is available from the teacher responsible.

SM7322

Systems Analysis and Design

Teacher Responsible: Professor Frank Land,
Room S102 (Secretary, Sue Coles, S107)

Other Teachers Involved: Mr. R. Hirschheim,
Mr. R. K. Stamper, Dr. S. J. Waters.

Course Intended Primarily for

B.Sc. (Econ.) XII Computing 2nd or 3rd year

B.Sc. (Maths., Stats., Computing, Actuarial Science) 2nd or 3rd year.

B.Sc. (Management Sciences) 2nd or 3rd year
Diploma in Management Sciences

Scope: The course aims to provide students with an understanding of the processes needed to develop a data processing system, and the tools and techniques used in the analysis and design of such a system.

Syllabus: Systems Analysis and Design consists of the following two lecture courses: **SM309 Data Processing Methods (Professor F. Land)**. Analysis of types of information system – batch and real time; centralised, decentralised and distributed; management information systems and decision support systems. Office automation. Data collection and data capture. Integrity of the information

system and auditing of systems. The programming problem and its solutions. SM310 Systems Analysis Methodology I (Dr. S. J. Waters, Professor F. Land and Mr. R. K. Stamper). Systems analysis and design tools and techniques. The role and function of the systems analyst. The system life cycle. Systems analysis and design approaches and methodologies. Cost-benefit analysis of information systems.

Pre-Requisites: Students should have attended Elements of Computer Science or equivalent course.

Teaching Arrangements: There are three lecture courses and classes as follows:

Lectures:
SM309 Data Processing Methods. 10 lectures and 10 classes Michaelmas and Lent Term
SM310 Systems Analysis Methodology. 20 lectures and 20 classes Michaelmas and Lent Terms.

Teaching Method: Teaching is arranged in lectures and classes. Lectures are primarily used for providing an overview and survey of a subject area, together with detailed illustrations. Students are expected to amplify the knowledge gained from lectures by reading and by class projects carried out as individual or group assignments.

Reading List:

SM309 Data Processing Methods

C. D. Clifton, *Business Data Systems*; J. Parkin, *Systems Analysis*; F. W. McFarlan, F. Warren, R. C. Nolan & D. P. Norton, *Information Systems Administration*; T. Forrester, *The Microelectronic Revolution*; P. Keen & M. Scott-Morton, *Decision Support Systems*; G. Weinberg, *The Psychology of Computer Programming*, E. P. Brooks, *The Mythical Man-Month*.

SM310 Systems Analysis Methodology I

C. Grindley & J. Humble, *The Effective Computer*; J. Race, *Case Studies*; J. Martin, *The Telematic Society*.

Selected papers from *Harvard Business Review* and *EDP Analyser*; T. de Marco, *Structured Analysis and Systems Specification*; A. Parkin, *Systems Management*; H. Lucas, F. Land, T. Lincoln, & K. Supper, *The Information Systems Environment*; E. Mumford and D. Henshall, *The Participative Approach to the Design of a Computer System*; E. Mumford & M. Weir, *Computer Systems in Work Designs: The ETHICS Methods*; J. C. Emery, *Cost Benefit Analysis of Information Systems*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus of the three lecture courses. The paper, which contains approximately 12 questions, is divided into two sections. Students are expected to answer

5 questions, of which at least two must come from each section. All questions carry equal marks.

SM7330

Numerical Methods

Teacher Responsible: Not yet known

Course Intended Primarily for B.Sc. (Econ.)

Part II; B.Sc. c.u. main field Maths., Stats., Comp., Act. Sci., Dip. Stats., Dip. O.R.

Syllabus: An introduction to the use of digital computers in the solution of numerical problems. Fixed and floating point storage and arithmetic. Error analysis. Algorithms for approximation, interpolation, numerical differentiation and integration, solution of differential equations. Evaluations of functions. Solution of non-linear equations. Numerical methods in linear algebra. Random number generation and Monte Carlo methods. Optimization techniques.

Pre-Requisites: A-level maths or equivalent. A working knowledge of one of the following computer languages: Algol, BASIC, FORTRAN 77, PASCAL. Students not knowing one of these, and not taking the paper Elements of Computer Science, should take course SM303 or SM304 (FORTRAN).

Teaching Arrangements: Twenty-five lectures (SM312), Michaelmas and Lent Terms.

Twenty-five classes (SM312a), Students who have not taken Pascal or BASIC before must attend SM304 (10 lectures and 10 classes) in the Michaelmas Term.

Notes covering most the course will be made available to students.

Reading List: S. D. Conte, *Elementary Numerical Analysis*; J. M. Hammersley & D. C. Handcomb, *Monte Carlo Methods*.

Supplementary Reading List: T. H. Naylor *et al.*, *Computer Simulation Techniques*; L. R. Carter & E. Huzan, *A Practical Approach to Computer Simulation in Business*; W. Murray (Ed.), *Numerical Methods for Unconstrained Optimization*; T. M. R. Ellis, *A Structured Approach to FORTRAN 77 Programming*.

Examination Arrangements: Examination is by means of a three-hour written paper. Eight questions are usually set covering the main topics of the course. Candidates are invited to answer 5 questions, each of which attracts an equal number of marks.

SM7340

Elements of Management Mathematics

Teacher Responsible: Jonathan Rosenhead, Room S113 (Secretary, Hazel Rice, S108)

Course Intended Primarily for B.Sc. (Econ.)

Part II – in particular special subjects Accounting and Finance, Industry and Trade, 2nd or 3rd year; Diplomas in Accounting and Finance, Business Studies, Economics, Systems Analysis and Design.

Scope: The course is intended to give an elementary introduction to the formal techniques of operational research, an approach to the structuring and solution of managerial problems in large or complex organisations in business, industry and government. The techniques themselves are mathematical in nature, though only a basic knowledge of mathematics will be assumed; however a number of the techniques use probabilistic concepts, and the course therefore also includes an introduction to probability theory.

Syllabus: Elements of probability; Definitions and rules of probability; Bayes theorem; random variables and expectation; discrete and continuous distributions; simple stochastic processes.

Elements of management mathematics: Topics treated include critical path analysis, scheduling, theory of games, linear programming, decision analysis, dynamic programming, replacement. Markov chains, queues and stock control.

Pre-Requisites: Students will need a basic fluency in mathematical manipulations such as is provided by Basic Mathematics for Economists or Elementary Mathematical Methods.

An exposure to statistical thinking at the level of Basic Statistics or above will also be an advantage (although the relevant material will be covered in SM313 (i)). For students who have already taken Elementary Mathematical Methods and Elementary Statistical Theory and found them to be not too testing, Elements of Management Mathematics will be very restrictive mathematically. They should instead take Operational Research Methods, where a rather fuller mathematical vocabulary permits the same techniques to be covered in greater depth.

Teaching Arrangements: There are two components of the course, each accompanied by a class. They cover the two subdivisions of the syllabus listed above:

Lectures: SM313 (i) Elements of Probability 10

Michaelmas Term

SM313 (ii) Elements of Management

Mathematics 20 Michaelmas and Lent Terms
Classes: SM313(a) 20 Michaelmas Term, 10 Lent Term

SM313(b) Revision class, 5 Summer Term

Full lecture notes are provided for both components of the course. Exercises are distributed in each lecture, which are discussed in the following weekly class.

Reading List: Recommended books:

D. R. Anderson, D. J. Sweeney & T. A. Williams, *An Introduction to Management Science* (West); L. Lapin, *Management Science for Business Decisions* (Harcourt Brace Jovanovich); J. C. Turner, *Modern Applied Mathematics* (English Universities Press); A. M. Arthurs, *Probability Theory* (Routledge Kegan Paul); L. Lapin, *Statistics for Modern Business Decisions* (Harcourt Brace Jovanovich); T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics* (Wiley).

Students may wish to consult:

S. K. Gupta & J. M. Cozzolino, *Fundamentals of Operations Research for Management* (Holden-Day); M. S. Makower & E. Williamson, *Teach Yourself Operational Research* (English Universities Press).

Examination Arrangements: The course is examined by one three-hour formal examination in the Summer Term. The paper is divided into sections; the first (normally containing 3 questions) covers SM313(i), while the second section (normally 6 questions) covers SM313(ii). Students are expected to attempt 5 questions, of which no more than 2 can be from the first section. Copies of previous years' papers are available.

SM7345

Operational Research Methods

Teacher Responsible: Dr. John Howard, Room S209 (Secretary, Hazel Rice, S108)

Course Intended Primarily for

B.Sc. (Management Sciences) 2nd or 3rd year

B.Sc. (Maths./Stats./Comp./Actuarial Science) 2nd or 3rd year

B.Sc. (Economics) VII Accounting and Finance

B.Sc. (Economics) XI Statistics

B.Sc. (Economics) XII Computing

Diploma in Management Sciences

Diploma in Statistics

Diploma in Operational Research

For course unit degrees, the Course

Registration Number is 340/7345.

Scope: The course gives an introduction to all the main theoretical techniques of Operational Research. However Simulation is not treated in any depth in the course (only one introductory lecture is given on the technique).

However it is possible to take a further paper "Model Building In Operational Research" which extends the Mathematical Programming component of O.R. Methods as well as covering Simulation in some detail.

Syllabus: Critical Path Analysis, Production Scheduling, Markov Chains, Queueing Theory, Replacement, Simulation, Stock Control, Dynamic Programming, Decision Theory, Theory of Games, Mathematical Programming.

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**. Mathematics to the level of **Elementary Mathematical Methods**. In particular, students should have covered elementary distribution theory and the Poisson Process, and have a knowledge of linear algebra sufficient to handle matrix inversion and manipulation of partitioned vectors and matrices. It is NOT necessary to have any previous experience of computers, and no computer programming will be required, although students must be prepared to use computer packages when required.

Teaching Arrangements: There are two lecture courses, each accompanied by a class, as follows: Lectures:

SM314 25 Sessional

SM315 10 Michaelmas Term

Classes: SM314a 24 Sessional

SM315a 12 Michaelmas and Lent Terms

SM314 **Operational Research Techniques** (Mr. Rosenhead, S113 Dr. Howard, S209 and Dr. Powell, S105b). This covers the whole foregoing syllabus except Mathematical Programming. Only one introductory lecture on simulation is given in this course. Very full lecture notes are provided, and every week a set of problems is given out in the lecture. These are discussed in the following weekly class (SM314a). Most class teachers are part-time.

SM315 **Mathematical Programming** (Dr. Powell). Linear programming: starting from the most basic introduction up to sufficient conditions for optimality; duality; sensitivity of the solution; discovery of the solution to small problems by graphical methods, and proof of optimality by testing the sufficient conditions; solution of larger problems by using a computer package. Unimodular linear programming (transportation): properties of solution, connection with graph theory, an algorithm for hand computation. An

introduction to integer linear programming. Very full lecture notes are provided, and every week a set of problems is given out in the lecture. These are discussed in the following weekly class (SM315a). Most class teachers are part-time.

Reading List: Recommended books are H. G. Daellenbach & J. A. George, *Introduction to Operations Research Techniques* (Allyn & Bacon, 1978); H. P. Williams, *Model Building in Mathematical Programming* (Wiley, 1977, available in paperback).

Students may also wish to consult R. L. Ackoff & M. W. Sasieni, *Fundamentals of Operations Research*; G. Hadley, *Linear Programming*, N. A. J. Hastings, *Dynamic Programming with Management Applications*; F. S. Hillier & G. J. Lieberman, *Operations Research*; E. Page, *Queueing Theory in O.R.*; M. Sasieni, A. Yaspan & L. Friedman, *Operations Research: Methods and Problems*; D. Smith, *Linear Programming Models in Business*; S. Vajda, *Readings in Linear Programming*; S. Zions, *Linear and Integer Programming*.

Examination Arrangements: The course is examined by one three-hour formal examination in the Summer Term, covering the full syllabus for both lecture courses. The paper usually contains 11 questions, of which five must be attempted. 8 of the questions are on SM314 and 3 on SM315: at least one of these last 3 must be attempted (this is a restriction that did not apply before 1983). It is important to attempt five questions: only the best five answers will be counted, and one fifth of the marks is available for each of these five attempts. On the other hand, it is not necessary to answer fully all parts of a question to obtain a reasonable mark on it. Copies of previous years' papers are available.

SM7347

Model Building in Operational Research

Teacher Responsible: Dr. R. J. Paul, Room S109 (Secretary, Hazel Rice, S108)

Course Intended Primarily for B.Sc. (Management Sciences) 3rd year
B.Sc. (Maths./Stats./Comp./Actuarial Science) 3rd year
Diploma in Operational Research

Scope: The aim of the course is to build on the introduction to Operational Research given in the course **O.R. Methods**, and to give experience in constructing and developing O.R. models at a level simplified from that

encountered in actual operations in terms of size and of the problems of data collection, but similar in terms of complexity and realism.

Syllabus: Simulation modelling, including manual simulation models, activity cycle diagrams, computer simulation models, stochastic input generation and output analysis. Mathematical programming, extending the mathematical programming content of the course **O.R. Methods** by developing further integer programming and introducing quadratic programming. The emphasis is on large scale models, necessitating the use of a matrix generator and, occasionally, the use of a commercial mathematical programming package.

Pre-Requisites: **Operational Research Methods**. (For third year students who have not taken **O.R. Methods** in their second year, and for Diploma students, **O.R. Methods** may be a co-requisite, taken in the same year.)

Teaching Arrangements:

Lectures: SM317 40 Michaelmas and Lent Terms (2 per week)

Classes: SM317a 40 Michaelmas and Lent Terms (2 per week)

The course will be entirely concerned with Simulation in the early part of the Michaelmas Term. It will be taught in a practical fashion where possible, requiring concentrated lectures/classes/practical periods. A whole day Saturday session is not ruled out! Very full lecture notes are provided. The class teachers are the lecturers. The mathematical programming part of the course follows fairly closely H. P. Williams' book (see below) and uses his excellent set of 'almost life size' problems. Some of the accompanying classes are used to tackle these problems by the whole group, without prior preparation.

Reading List: A. T. Clementson, *The CAPS/ECSL Manual*; H. P. Williams, *Model Building in Mathematical Programming*.

Students may also wish to consult A. M. Law & W. D. Kelton, *Simulation Modelling and Analysis*; Naylor, Balintfy, Burdick & Chu, *Computer Simulation Techniques*; K. D. Tocher, *The Art of Simulation*; G. Hadley, *Linear Programming*; D. Smith, *Linear Programming Models in Business*; S. Vajda, *Readings in Linear Programming*; S. Zions, *Linear and Integer Programming*.

Examination Arrangements: The paper is in two parts: a single compulsory question on simulation, and 3 questions to be answered out of 6 on mathematical programming. All questions have equal weight and it is

important to answer the right number of questions from the two parts, and only the best 4 will be counted. On the other hand, it is not necessary to answer fully all parts of a question to obtain a reasonable mark on it. Copies of previous exam papers containing similar questions are available.

The formal examination counts for 40% of the total marks for the course. The other 60% are awarded, 40% for the report on the simulation project, and 20% for the mathematical programming project.

SM7360

Applied Management Science

Teacher Responsible: Professor A. Land, Room S114 (Secretary, Hazel Rice, S108)

Course Intended Only for B.Sc. (Management Sciences) Course Unit 340/7360.

Scope: The student will carry out and report upon a substantial practical piece of operational research.

Syllabus: None.

Pre-Requisites: The student must be in his final year of B.Sc. (Management Sciences) and must have taken, or be concurrently taking, the courses for the field Operational Research.

Teaching Arrangements: The student will be assigned to Professor M. Shutler who will continuously monitor the progress and give tutorial guidance as required.

Any student intending to offer this course unit in the third year should contact Professor Land before the end of the Summer Term of his or her second year.

Reading List: J. Mitchell, *How To Write Reports*, Fontana; B. M. Cooper, *Writing Technical Reports*, Pelican; Sir Ernest Gowers, *The Complete Plain Words*, Pelican.

Examination Arrangements: Assessment is based entirely on the report which should be submitted to the supervisor by the end of the fourth week of the Summer Term.

SM8001

Applied Abstract Analysis

See SM7060

SM8002

Game Theory I

Teacher Responsible: Professor K. G. Binmore, Room S484 (Secretary, Mimi Bell, S464)

Course Intended Primarily for M.Sc. (Operational Research) and other suitably qualified graduate or General Course students.

Scope: The theory of games and its applications in economics.

Syllabus: Von Neumann and Morgenstern utility theory. Formal games and their classification. Strictly competitive (zero-sum) games. Poker and bluffing. Non-cooperative games. Nash equilibrium. Cooperative games. Survey of cooperative solution concepts including the core, Von Neumann and Morgenstern solutions sets, Nash bargaining solutions and the Shapley value.

Pre-Requisites: A knowledge of mathematics beyond that covered in **Elementary Mathematical Methods** (SM102) possibly including **Introduction to Analysis and Set Theory** (SM103) and/or **Mathematical Methods** (SM113).

Teaching Arrangements: The lecture course SM120 **Games** during the Michaelmas Term (two lectures a week). Also 10-12 problem classes SM120a are given in Michaelmas and Lent Terms.

Written Work: Lecture notes containing problems are supplied. Written answers will be expected by the class-teacher on a regular basis and the problems will be discussed in the class.

Reading List: This subject is currently under development and completely adequate books are not available. *Game Theory* by G. Owen (second edition) should be purchased or *Game Theory* by T. Jones (although this is only sound on zero-sum games). Some further references are *Games and Decisions* by Luce and Raiffa, *The Theory of Games and Economic Behaviour* by Von Neumann and Morgenstern, *Two-Person Game Theory* by Rappaport, *Economics and the Theory of Games* by Bacharach, *Rational Behaviour and Bargaining Equilibrium in Games and Social Situations* by Harsanyi, *The Compleat Strategist* by Williams, *The Strategy of Conflict* by Schelling.

Examination Arrangements: Students are normally assessed on the basis of a two hour formal examination in the Summer Term.

SM8003

Game Theory II

Teacher Responsible: Professor K. G. Binmore, Room S484 (Secretary, Mimi Bell, S464)

Course Intended Primarily for M.Sc. (Operational Research), and other suitably qualified graduate or General Course students.

Scope: The theory of games and its applications in economics.

Syllabus: Perfect equilibrium. Games with incomplete information. The Nash programme and non-cooperative bargaining models.

Market games and the application of game-theoretic ideas to problems in the economic theories of externalities, oligopoly and resource allocation under differential information. (Students will not be required to prepare for the whole of this syllabus. Mathematically trained students will be expected to omit the more advanced economics material and Economic students will be expected to omit the more mathematical material.)

Pre-Requisites: **Game Theory I**. For the more advanced economics material, a knowledge of economics as covered in EC113 **Principles of Economics Treated Mathematically**. For the more advanced mathematics material SM124 **Introduction to Topology** and SM126 **Fixed Point Theorems** will be useful but not essential. More important than a knowledge of specific techniques is the habit of thinking in the careful way required in mathematics and economic theory.

Teaching Arrangements: The lecture course SM121 **Games** during the Lent and Summer Terms (one lecture a week) and **Economic Application of Game Theory** consisting of one lecture a week in the Lent and Summer Terms.

Written Work: Lecture notes containing problems are supplied. Written answers will be expected by the class-teacher on a regular basis and the problems will be discussed in the class.

Reading List: This subject is currently under development and completely adequate books are not available. *Game Theory* by G. Owen (second edition) should be purchased or *Game Theory* by T. Jones (although this is only sound on zero-sum games). Some further references are *Games and Decisions* by Luce and Raiffa, *The Theory of Games and Economic Behaviour* by Von Neumann and Morgenstern, *Two-Person Game Theory* by Rappaport, *Economics and the Theory of Games* by Bacharach, *Rational Behaviour and*

Bargaining Equilibrium in Games and Social Situations by Harsanyi, *The Compleat Strategist* by Williams, *The Strategy of Conflict* by Schelling.

Examination Arrangements: Students who take Game Theory II will be expected to take Game Theory I in the same year and will be examined on both courses with a single three hour paper. The examination will contain a general section, a more mathematical section and a more economical section. Students will be required to answer questions from two of these three sections.

SM8203

Stochastic Processes

Teacher Responsible: Mr. D. Balmer, Room S208 (Secretary, Leila Alberici, S107)

Course Intended Primarily for M.Sc. (Statistics and Operational Research) (half-unit).

Scope: An introduction to some aspects of stochastic processes useful for application in statistics or operational research.

Syllabus: The first part of the course provides an elementary treatment of Markov chains and processes. Further topics are selected from a list including renewal theory, queueing theory, branching processes, random walks, Brownian motion and diffusion processes.

Pre-Requisites: A knowledge of mathematics along the lines of **Mathematical Methods**, SM113, and of probability to the level of **Probability and Distribution Theory**, SM206.

Teaching Arrangements: SM250, 2 hours per week in the Michaelmas and Lent Terms.

Reading List: for course SM250 students may consult:

M. Iosifescue, *Finite Markov Processes and their Applications*; J. G. Kemeny & J. L. Snell, *Finite Markov Chains: Theory*; D. L. Isaacson & R. W. Madsen, *Markov Chains: Theory and Applications*; S. Karlin & H. M. Taylor, *A First Course in Stochastic Processes*; S. M. Ross, *Applied Probability with Optimisation Applications*.

Examination Arrangements: There is a two hour written examination in the Summer Term based on the content of the whole course. The paper which contains 8 questions, will be divided into two sections. Students will be expected to answer four questions; at least one from each section.

SM8204

Decision Analysis in Theory and Practice

Teacher Responsible: Dr. John Howard, Room S209 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. (Operational Research).

Scope: This half-unit course covers the fundamentals of the theory of decision analysis, and then students may choose to study either Bayesian statistics, or behavioural decision theory, or the application of decision analysis in practice. The course is given jointly by the Decision Analysis Unit and the Department of Statistical and Mathematical Sciences, and is intended to be genuinely inter-disciplinary.

Syllabus: The foundations of decision theory; descriptive models of human decision making; Bayesian statistical methods with applications; the use of decision analysis in practice. (Students must cover the first topic and one of the other three.)

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**. Mathematics to the level of **Elementary Mathematical Methods**.

Teaching Arrangements: There are four lecture courses, each accompanied by a fortnightly class. Each student must cover the material in the first lecture course and one of the other three. The courses are as follows:

Lectures: SM238, 10 Lent Term
SM239, 10 Michaelmas Term
SM240, 10 Michaelmas Term
SM241, 10 Lent Term

Classes: SM238a, 5 Lent Term
SM239a, 5 Michaelmas Term
SM240a, 5 Michaelmas Term
SM241a, 5 Lent Term

SM238 **Fundamentals of Decision Theory** (Dr. J. V. Howard). This covers the normative theory of subjective probability and expected utility. SM239 **Behavioural Decision Theory** (Staff of the Decision Analysis Unit.) An exposition of descriptive models of human decision making, with an emphasis on the relationship between descriptive and normative theories.

SM240 **Bayesian Statistical Methods** (Dr. M. Knott). General discussion of the Bayes' approach and comparison with other approaches to statistical inference. Applications to some basic statistical problems.

SM241 **Decision Analysis in Practice**. (Staff of the Decision Analysis Unit.) Presents applications of Decision Theory in both public and private sectors, illustrating how

Decision Theory is modified and supplemented to provide a workable technology.

Reading List: Recommended books will be given at the beginning of each lecture course.

Examination Arrangements: The course is examined by an essay or project assignment during the year and by one two-hour formal examination in the Summer Term. The paper will probably contain two questions in each of the four main topics, and three of these questions must be attempted. It is important to attempt three questions: only the best three marks will be counted, and one third of the marks is available for each of these three attempts. On the other hand, it is not necessary to answer all parts of a question to obtain a reasonable mark on it.

SM8213

Models of Social Processes

Teacher Responsible: Professor D. J. Bartholomew, Room S210 (Secretary, Mary Cahill, S206)

Course Intended Primarily for M.Sc.

(Statistics), M.Sc. (Sociology and Statistics) and M.Sc. (Operational Research) (half-unit).

Scope: Models for man-power planning and for social change.

Syllabus:

SM260: The statistical analysis of labour turnover, Markov chains and renewal theory, models for manpower forecasting and control, career prospects, demand forecasting. Models for size and duration, open and closed Markov models for social and occupational mobility, models for the diffusion of news and rumours and competition of social groups.

Pre-Requisites: A basic knowledge of Probability and Statistics to first degree level.

Teaching Arrangements:

SM260: 20 lectures and 10 fortnightly classes in the Michaelmas Term. Computer exercises are discussed in the classes.

Reading List:

SM260: The manpower part of the course is based on D. J. Bartholomew & A. F. Forbes, *Statistical Techniques for Manpower Planning*. Useful background material may be found in: A. R. Smith, *Models of Manpower Systems*; A. R. Smith, *Manpower Planning in the Civil Service*; S. Vajda, *Mathematics of Manpower Planning*; R. C. Grinold & K. T. Marshall, *Manpower Planning Models*.

For the stochastic models part of the course students should purchase D. J. Bartholomew, *Stochastic Models for Social Processes* (3rd

edn.). There is an extensive literature scattered in the journals to which reference will be made.

Other relevant books include: R. Boudon, *Mathematical Structures of Social Mobility*; J. C. Kemeny & L. Snell, *Mathematical Models in the Social Sciences*; T. W. Pullum, *Measuring Occupational Inheritance*; H. C. White, *Chains of Opportunity*.

Examination Arrangements: There will be a two-hour written examination in the Summer Term. There will be about five questions on the course of which three must be answered.

SM8214

Statistical and Economic Aspects of Educational Planning

Teacher Responsible: Dr. C. M.

Phillips, Room S207 (Secretary, Anne Usher, S205)

Course Intended Primarily for M.Sc.

(Statistics), M.Sc. (Sociology and Statistics), M.Sc. (Operational Research) (half-unit).

Scope: The course introduces the economic and statistical methods used in education and manpower planning.

Syllabus:

Ec251: The first lecture will review the extent to which development planning in general, and manpower planning in particular, have failed to realise expectations. The next two will discuss approaches to planning which have evolved in other disciplines, especially analysis, administrative and political science, regional and urban planning, and organisation theory. The final seven lectures will draw upon this material to formulate an adaptive process approach to development planning.

SM265: Criteria for establishing priorities in planning in advanced and developing countries. Methods for forecasting the demand for education and the demand and supply of teachers. Methods of forecasting manpower requirements. Computable models for the educational system.

Pre-Requisites: A basic knowledge of statistics. Familiarity with rate of return analysis would be helpful.

Teaching Arrangements: Ec251: 10 lectures in the Michaelmas Term. SM265: 10 lectures in the Michaelmas Term and fortnightly classes from the 6th week of the Michaelmas Term to the 4th week of the Summer Term. SM265 classes will be given by Dr. Phillips, S206. Written papers are produced for the classwork.

Reading List:

Ec250: There is no text for the course. The following articles and monographs will be discussed in the first part of the new course: D. Seers, *The Prevalence of Pseudo-Planning*; C. Leyes, *A New Conception of Planning*; A. Waterston, "An Operational Research Approach to Development Planning" in M. Faber & D. Seers (Eds.), *Crisis in Planning*; C. E. Lindblom, "The Science of Muddling Through", *Public Administration Review*, 27, 1967; B. M. Hudson, "Comparison of Current Planning Theories: Counterparts and Contradictions", *Journal of the American Planning Association*, 45, 1979; C. Argyris & D. A. Schon, *Organisational Learning*; C. A. Lindblom & D. K. Cohen, *Usable Knowledge*. SM265: A good background to the course is T. Thonstad, *Education and Manpower: Theoretical Models and Empirical Applications*. Other reading is given and discussed in the course.

Examination Arrangements: There will be one two-hour written examination in the Summer Term. Three and only three questions must be answered, including one from Ec251 and one from SM265. 70% of the total assessment of the course is based on the examination paper, the other 30% is awarded for a project and classwork for SM265.

SM8253

Statistical Techniques for Operational Research

Teacher Responsible: Dr. C. S. Smith, Room S212 (Secretary, Leila Alberici, S107)

Course Intended Primarily for M.Sc. (Operational Research) (half-unit).

Scope: This is a second course in Statistics, emphasising the application of some statistical techniques which have proved useful in the Management Sciences.

Syllabus: Regression Analysis, Time Series and Forecasting. More detail is given in the lecture course descriptions under "Teaching Arrangements" below.

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**. Mathematics to the level of **Elementary Mathematical Methods**. In particular, students should have covered elementary distribution theory, confidence intervals and hypothesis testing, and basic linear algebra. It is NOT necessary to have any previous experience of computers, but students will be expected to use the MINITAB computer package to carry out the

calculations necessary to do the course exercises.

Teaching Arrangements: There are two lecture courses, each accompanied by a class, as follows:

Lectures: SM211 **Time Series and Forecasting**, 10 Lent Term
SM212 **Applied Regression Analysis**, 10 Lent Term

Classes: SM211a, 5 Lent Term

SM212a, 5 Lent Term

SM211 **Time Series and Forecasting (Mr. Harvey)** Trend, seasonality, stationarity, exponentially weighted moving average forecasts, ARMA models, and Box-Jenkins forecasting.

SM212 **Applied Regression Analysis**, 10 Lent Term
Smith) Multiple linear regression, transformation of data, stepwise and best subsets regression.

Both SM211 and SM212 have classes approximately once a fortnight to discuss sets of problems given out in the lectures. The class teachers are usually either the lecturer or a research officer. Full lecture notes and problem solutions are provided for SM212.

Reading List: Recommended books are: R. B. Miller & D. W. Wichern, *Intermediate Business Statistics* (Holt, Rinehart and Winston, 1977); T. H. Wonnacott & R. J. Wonnacott, *Regression: A Second Course in Statistics* (Wiley, 1981, available in paperback).

Students may also wish to consult: C. Chatfield, *The Analysis of Time Series - Theory and Practice*; W. Gilchrist, *Statistical Forecasting*; J. Neter & W. Wasserman; *Applied Linear Statistical Models*; T. A. Ryan, B. L. Joiner & B. F. Ryan, *MINITAB Student Handbook*; T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics for Business and Economics* (2nd edn.).

Examination Arrangements: There is a two-hour formal examination in the Summer Term, covering the full syllabus for both lecture courses. The paper usually contains 4 questions, of which 3 must be attempted. It is important to attempt three questions: no credit is given for a fourth answer, and one third of the marks is available for each of these three attempts. On the other hand, it is not necessary to answer in full all parts of a question to obtain a reasonable mark on it. The majority of the total assessment of the course is based on the examination paper — the remainder is awarded on a project. The project is usually set during the Lent Term and students attempt it in teams of about four members each. The project is handed in early in the Summer Term, and is marked on presentation as well as content.

SM8254

Statistical Sources, Packages and Data Analysis

Teacher Responsible: Miss S. Brown, Room S211 (Secretary, Mary Cahill, S206)

Course Intended Primarily for M.Sc. (Statistics) (half-unit)

Scope: The course gives an introduction to the more important sources of statistical data and to several of the popular statistical computing packages.

Syllabus: SM234: Practical use of statistics computing packages, including MINITAB, GLIM, SAS, SPSS and BMDP. Students will be expected to learn a programming language during the course.

Pre-Requisites: Statistics to first degree level, such as in *Statistical Theory*, SM7241.

Teaching Arrangements: There are two components of the course as below:
SM234 *Statistical Sources* 10 hours Lent and Summer Terms.

SM237 *Statistical Packages and Data Analysis* 25 hours Michaelmas and Lent Terms.

Reading List: Appropriate material will be made available during the course. A general source referred to throughout SM234 will be the current issue of *Social Trends*, HMSO.

Examination Arrangements: There will be one two-hour written examination paper in the Summer Term. The paper will be divided into two sections. Candidates must answer 3 questions, one of which must be chosen from section 1 on *Statistical Sources*, and one of which must be chosen from section 2 on *Statistical Packages*. There will normally be 3 questions in section 1 and 3 questions in section 2. The final assessment will be based on 60% for the written examination and 40% for exercises set during the course.

SM8255

Sampling Theory and Multivariate Methods

Teacher Responsible: Colm O'Muircheartaigh, Room S214 (Secretary, Mary Cahill, S206)

Course Intended Primarily for M.Sc. (Statistics) and M.Sc. (Sociology and Statistics) (half-unit)

Scope: The course deals with the theory and application of sample design and with some of the multivariate techniques used in the Social Sciences.

Syllabus:

SM262: The history of survey sampling. Techniques of sample design including stratification, clustering, pps selection, multi-phase sampling. Methods of estimation, including ratio and regression estimation. Methods of variance estimation.

SM259: A review of techniques used in the Social Sciences including path analysis, multidimensional scaling, factor and latent structure analysis, cluster analysis and binary segmentation.

Pre-Requisites: A basic knowledge of probability, statistical theory and survey methods up to first degree level.

Teaching Arrangements: SM262: 30 (15 2-hour sessions) Michaelmas and Lent Terms. SM259: 10 Lent Term lectures. Students are required to write a paper on the application of one of the techniques covered.

Reading List:

SM262: W. G. Cochran, *Sampling Techniques* (3rd edn., 1977); L. Kish, *Survey Sampling*.

SM259: The course does not closely follow any book but all the following cover most of the material. Students are advised to purchase at least one from the list having regard to their background and interests. Advice will be given by the lecturer.

C. A. O'Muircheartaigh & C. Payne, *The Analysis of Survey Data*, 2 Vols., but especially Vol. 1; A. E. Maxwell, *Multivariate Analysis in Behavioural Research*; C. Chatfield & A. J. Collins, *Introduction to Multivariate Analysis*; M. G. Kendall, *Multivariate Analysis*; D. J. Bartholomew, *Mathematical Methods in Social Science*.

Examination Arrangements: There is one two-hour written examination in the Summer Term. The paper will normally contain 3 questions on SM262, and 2 on SM259. Three questions, and only three questions must be attempted.

SM8256

Basic Time Series and Forecasting: Robust Methods and Nonparametrics

Teacher Responsible: Professor J. Durbin, Room S217 (Secretary, Anne Usher, S205)

Course Intended Primarily for M.Sc. (Statistics), M.Sc. (Sociology and Statistics), M.Sc. (Operational Research) (half-unit)

Scope: A broad introduction to time series

and non-parametric methods for the postgraduate specialist.

Syllabus:

SM257: Stationary time series, autoregressive and moving average models, fitting and testing of time series models, prediction, model-building.

SM255: Distribution-free methods, rank tests, tests of goodness-of-fit, permutation theory, M-estimators, influence function, jackknife.

Pre-Requisites: Mathematics to the level of *Mathematical Methods* SM113, and a good undergraduate knowledge of distribution theory and regression.

Teaching Arrangements: SM257: One two-hour lecture each week in the Michaelmas Term.

SM255: One hour teaching each week in the Michaelmas and Lent Terms.

Reading List:

SM257: A. C. Harvey, *Time Series Models*; G. E. P. Box, G. M. Jenkins, *Time Series Analysis, Forecasting and Control*; W. A. Fuller, *Introduction to Statistical Time Series*;

C. W. J. Granger & P. Newbold, *Forecasting Economic Time Series*.

SM255: M. Hollander & D. A. Wolfe, *Non-parametric Statistical Methods*; P. J. Huber, *Robust Statistics*; M. G. Kendall & A. Stuart, *The Advanced Theory of Statistics*, Vol. 2.

Examination Arrangements: There is a two-hour written examination in the Summer Term. There are three questions on SM257 and three questions on SM255. Three, and only three questions must be answered, and at least one question must be answered on SM257 and SM255.

SM8257

Multivariate Analysis and Linear Models

Teacher Responsible: Dr. M. Knott, Room S216 (Secretary, Anne Usher S205)

Course Intended Primarily for M.Sc. (Statistics) and M.Sc. (Sociology and Statistics) (half-unit)

Scope: An introduction to the theory and application of modern multivariate methods to continuous and categorical data.

Syllabus:

SM254: Multivariate distributions, multiple regression analysis, principal component analysis, canonical analysis, discriminant analysis, multivariate analysis of variance, factor analysis, multidimensional scaling.

SM256: Measurement of association in two-way tables, log-linear and other models for contingency tables.

Pre-Requisites: Mathematics to the level of *Mathematical Methods*, SM113 and a sound undergraduate level of regression theory and distribution theory.

Teaching Arrangements: SM254: One-hour lecture each week in Michaelmas and Lent Terms.

SM256: 10 one-hour lectures in the Lent and Summer Terms.

Reading List:

SM254: M. G. Kendall, *Multivariate Analysis*; C. Charfield & A. J. Collins, *Introduction to Multivariate Analysis*; D. F. Morrison, *Multivariate Statistical Methods*.

SM256: Y. M. M. Bishop, G. S. E. Fienberg & P. W. Holland, *Discrete Multivariate Analysis*; C. Payne, "Log-linear Models" in C. O'Muircheartaigh, *The Analysis of Survey Data*, Vol. 2.

Examination Arrangements: There is a one two-hour examination in the Summer Term. There are three questions on SM254 and two questions on SM256. Three and only three questions must be answered, with at least one answer on SM254 and one on SM256.

SM8259

Time Series

Teacher Responsible: Professor J. Durbin, Room S217 (Secretary, Anne Usher, S205)

Course Intended Primarily for M.Sc. (Statistics) (half-unit)

Scope: Time series analysis and forecasting with an emphasis on the frequency domain.

Syllabus:

SM258: The frequency domain and spectral analysis.

Ec320: Forecasting methods based on the Kalma filter, time-varying parameter models, unobserved component models.

Pre-Requisites: Mathematics to the level of *Mathematical Methods*, SM113, and a good undergraduate level of regression theory and distribution theory.

Teaching Arrangements: SM258: One two-hour lecture each week during the Lent Term.

Ec320: 10 one-hour lectures in the Michaelmas Term.

Reading List:

SM258: A. C. Harvey, *Time Series Models*; G. E. P. Box & G. M. Jenkins, *Time Series Analysis: Forecasting and Control*; W. A. Fuller, *Introduction to Statistical Time Series*;

C. W. Granger & P. Newbold, *Forecasting Economic Time Series*; P. Bloomfield, *Fourier Analysis of Time Series: An Introduction*. Ec320: A. C. Harvey, *Time Series Models*; B. D. O. Anderson & J. B. Moore, *Optimal Filtering*.

Examination Arrangements: The examination is at the same time as that for Ec2561, Advanced Econometric Theory II. There will be a two-hour written examination paper in the Summer Term. There will be three questions on SM258 and two questions on Ec230. Three and only three questions must be answered, including at least one question on SM258 and one on Ec320.

SM8260

Social Statistics and Survey Methodology

Teacher Responsible: Mrs. K. E. Spitz, Room S213 (Secretary, Hazel Rice, S108)

Course Intended Primarily for Diploma in Statistics

Scope: The aim of the course is to introduce students to all aspects of the design and execution of social investigations, to problems of measurement and forecasting and to the use of multivariate methods in the analysis of social data.

Syllabus:

SM214: Surveys, Experiments and other Investigations. Surveys: design decisions, methods of random sampling, data collection methods and the control of response and non-response errors. The design of experiments and other explanatory studies.

SM215: Sample Survey Theory (useful but not essential). The mathematical theory of simple random sampling, stratification and multi-stage sampling.

SM216: Multivariate Methods
A survey of principal component analysis, cluster analysis and multidimensional scaling. Illustrative examples of the application of each technique including interpretation of computer output.

SM234: Sources of Social Statistics. Problems of measurement in a variety of areas including levels of living, employment etc. Major British sources and their comparability.
SM265: Statistical Aspects of Educational Planning.

Criteria for establishing priorities in planning. Methods of Forecasting the demand for education and the demand and supply of

teachers and of some other professional groups.

Pre-Requisites: Elementary Statistical Theory.

Teaching Arrangements:
SM214 Given by Mrs. K. Spitz. 20 Lent Term, 2 Summer Term.

Usually consists of 15 lectures and 7 classes. Students present prepared class papers.

SM215 Given by Mrs. K. Spitz. 10 Michaelmas Term, 5 Lent Term.

Includes classes in which solutions to problem sets given out in the lectures are discussed.

SM216 Given by Dr. C. Phillips, Room S207. 10 Michaelmas Term, 5 Lent Term.

Usually includes 5 classes for which each student prepares one class paper.

SM234 Given Dr. C. Phillips, Room S207. 5 Michaelmas Term, 5 Lent Term.

SM265 Given by Dr. C. Phillips. Lectures and class discussions. 5 Michaelmas Term.

Reading List:

SM214 Students are advised to purchase:

C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*.

Other books which may be consulted include: C. Selltitz *et al.*, *Research Methods in Social Relations*; H. M. Blalock, *An Introduction to Social Research*.

SM215 Students should purchase or consult: W. G. Cochran, *Sampling Techniques*.

Other recommended reading:

L. Kish, *Survey Sampling*; M. H. Hansen, W. N. Hurwitz & W. G. Madow, *Sample Survey Methods and Theory*; F. Yates, *Sampling Methods for Censuses and Surveys*.

SM216 No single book adequately covers the course. The most suitable are:

C. A. O'Muircheartaigh & C. Payne, *The Analysis of Survey Data*, Volume 1; A. E. Maxwell, *Multivariate Analysis in Behavioural Research*.

Other books which can be usefully consulted are:

C. Chatfield & A. J. Collins, *Introduction to Multivariate Analysis*; M. G. Kendall, *Multivariate Analysis*.

SM234 Reading will be provided by each lecturer. A general source referred to throughout will be the current issue of *Social Trends* (HMSO).

SM265 No single book covers the course. References to appropriate papers will be provided by the lecturer.

Examination Arrangements: There is a three hour formal examination in the Summer Term based upon the syllabuses for SM214, SM216, SM265 and SM234. Knowledge of SM215 though helpful is not examined upon directly. (SM215 forms part of the syllabus for the Diploma paper, **Statistical Methods and Inference** and is examined upon in that

paper.) Four questions must be answered from a total of ten or eleven. Copies of past examination papers are available.

SM8261

Survey and Market Research Methods

Teacher Responsible: Mr. Colm A. O'Muircheartaigh, Room S214

(Secretary, Mary Cahill, S206)

Course Intended Primarily for M.Sc (Statistics) and the M.Sc. (Sociology and Statistics) (half-unit)

Scope: The course deals with practicalities of the design and execution of sample surveys.

Syllabus:

SM264 Problems of measurement and scaling, attitude measurement, questionnaire design, strategies and methods of data collection, response errors, structure of interviewer effect, problems of and procedures for compensation for non-response.

SM263 The nature and limitation of some common experimental and quasi-experimental designs, retrospective and longitudinal studies used by researchers.

Pre-Requisites: A basic knowledge of statistics and probability up to first degree level.

Teaching Arrangements: SM264 20 one-hour lectures in the Michaelmas and Lent Terms.

SM263 10 hours teaching in the Michaelmas Term. In the last three hours students present papers to the group.

Reading List: SM264 (pre-requisite): C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*; SM263 students are advised to purchase: D. T. Campbell & J. C. Stanley, *Experimental and Quasi-experimental Designs for Research* (paperback).

Supplementary Reading List: C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*; J. A. Caporaso & L. L. Roos, *Quasi-experimental Approaches*; C. J. Webb, *Unobtrusive Measures: Nonreactive Research in the Social Sciences*.

Examination Arrangements: There is a two-hour written examination in the Summer Term. Three questions are set on SM264 and two questions on SM263. Four questions and only four must be answered, including at least one from SM264 and one from SM263.

SM8300

SM8303

Computing and Data Processing Systems Analysis

Teacher Responsible: Professor F. Land, Room S102 (Secretary, Sue Coles, S107)

Other Teachers Involved: Dr. S. J. Waters, Mr. D. Dalby and Mrs. E. Somogyi.

Course Intended Primarily for M.Sc. in Accounting and Finance as an option; M.Sc. Industrial Relations.

Scope: The aim of the course is to introduce students, who are not computer specialists, to the elements of computer science, including the learning of a computer language (BASIC), and to help students to understand the processes by which computer systems for data processing are brought into use.

Syllabus: General Computing (Frank Land).

Computer hardware and software, computer applications. Methods of developing computer based applications. The economics of information technology. Social Issues.

Computer Systems Management (Professor F. Land, Mrs. E. Somogyi), which considers the "life cycle" of an information system, and the processes and activities which are needed to investigate, design, implement and operate a computer-based information system. The course discusses information economics, the organisation of the EDP function within an organisation, and the control of an information systems development project.

Teaching Arrangements:

Lectures:

SM300 General Computing I, 20 lectures and 20 classes Michaelmas and Lent Terms.

SM301 General Computing II, 20 lectures

SM362 Information Systems Management, 10 lectures and 5 classes Michaelmas Term.

Classes: SM300a; SM362a.

Reading List:

General Computing I and II

Hunt & Shelley, *Computers and Common Sense*, 3rd edn., Prentice Hall; H. D. Clifton, *Business Data Systems*, 2nd edn., Prentice Hall, 1983; P. Bishop, *Computing Science*, Nelson, 1982; H. J. Lawson, *Understanding Computer Systems*; J. Eaton & J. Smithers, *This is I.T.*, Philip Allan, 1982; R. A. Stern & N. Stern, *An Introduction to Computers and Information Processing*, Wiley, 1982; R. Atherton, *Structured Programming with Control*, Ellis Horwood, 1982.

SM362 Information Systems Management

N. Ahituv & S. Neumann, *Principles of Information Management*; F. P. Brooks, *The*

Mythical Man-Month; H. Donaldson, *Data Processing Project Management*; J. C. Emery, *Cost Benefit Analysis of Information Systems*; T. Gildersleeve, *Data Processing Project Management*; A. Parkin, *Systems Management*.
Examination Arrangements: There is a formal three-hour examination in the Summer Term based on the full syllabus of the three lecture courses. The paper will contain approximately 10 questions of which 4 are to be answered. All questions carry equal marks.

SM8301

Computer Project

Teacher Responsible: Tony Conford, Room S105A (Secretary, Sue Coles, S107)

Course Intended Primarily for Diploma in Management Sciences.

Scope: This paper is designed to consolidate the computing theory which students have learned, by their pursuing a practical programming project.

Syllabus: Students will identify an application, analyse it and design a computerised solution. The student will write a report on the application including a detailed description of the design of the computerised solution, and programs that implement it.

Pre-Requisites: Diploma students must take the course concurrently with **Elements of Computer Science**.

Teaching Arrangements: There is a single course of 10 1 hour lectures in the Michaelmas Term, (SM321). All students must keep in touch with the teacher responsible for the course who must approve all projects. Students will make use of the general support offered by the School to computer users. This includes the program advisory services, and the various courses and lectures offered in the University.

Reading List: Appropriate reading depends on the projects tackled. The reading shown here should be of general use in most projects. C. Edwards, *Developing Microcomputer Based Business Systems*; Prentice Hall, 1982; D. Van Tassel, *Program Style, Design Efficiency, Debugging and Testing*, Prentice-Hall, 1978; B. W. Kernighan & P. J. Plaugher, *Software Tools*, Addison Wesley, 1976; B. W. Kernighan & P. J. Plaugher, *The Elements of Programming Style*, McGraw-Hill, 1974; P. Freeman & A. Wasserman, *Tutorial: Software Design Techniques*, 3rd edn., IEEE, 1980. See examples and papers by Jackson, Stay and Stevens.

Examination Arrangements: This course is assessed on the programs and report produced. Students may start work on their projects at any time. The final report *must* be handed in by the end of the first week of the Summer Term. More information is available from the teacher responsible.

SM8302

Computers in Information Processing Systems

Teacher Responsible: Rudy Hirschheim, Room S104 (Secretary, Sue Coles, S107)

Other Teachers: Dr. S. J. Waters, Mr. A. Cornford, Professor F. Land, Mr. R. K. Stamper

Course Intended Primarily for M.Sc. in the Analysis, Design and Management of Information Systems; M.Sc. in Operational Research; Diploma in Management of Information Systems.

Scope: The aim of the course is to introduce students to the various uses of computers and their associated technologies in both present and future organisational information processing systems.

Syllabus: File Organisation Methods, Database Management Systems, Data Dictionary Systems, Query Languages, Application Generators, Data Communications, Distributed Processing, Distributed Databases, Microcomputers, Artificial Intelligence, Office Automation, Local Area Networks, Decision Support Systems, Data Modelling, Data Analysis, Organisational Consequences, Design Methods and Techniques.

Pre-Requisites: A basic knowledge of computing including hardware, software and programming.

Teaching Arrangements: There are three lecture courses, SM364, SM369 and SM370. Associated with SM370 is a set of 10 remedial classes on computer hardware and software. These classes are intended as 'refresher' classes for students who had taken computing some time ago but may have forgotten some of the basics or who have not had the opportunity to study some developments that have taken place since they took computer courses. They are *not* intended to provide fundamental knowledge on computing for those with no background. Additionally, students taking SM370 will be asked to participate in a group project on new information technology. Projects will be presented in the Lent and Summer Terms.

Lectures: SM364 **Computer Systems Design**, 10 1-hour lectures, Lent Term
SM369 **Topics in Systems Analysis**, 20 lectures, Michaelmas and Lent Terms
SM370 **Computers in Information Processing Systems**, 40 lectures, 20 Michaelmas Term and 20 Lent Terms.

Classes: SM370a (remedial) 10 Michaelmas
Group presentations: SM370b 30 Lent and Summer Terms.

SM364 **Computer Systems Design** discusses the design objectives of computer based systems, and methods and techniques of computer design.

SM369 - This is a special one hour time period reserved for the presentation of videos, demonstration of new technologies and software packages, and the like.

SM370 - This course covers a range of new technologies which are or will be used in information processing systems. As part of this course, students are required to participate in a major group project, which takes a detailed look at one particular technology. Additional written and oral work is expected as a number of short assignments on various topics will be given.

Reading List: As no one book covers the entire syllabus, students are advised to consult their course lecturers on the most appropriate books to read from the reading list. Students are also expected to read various journals because of the rapidly changing technology covered in the syllabus.

Computers in Information Processing Systems
V. Cheong & R. Hirschheim, *Local Area Networks*; R. Hirschheim, *Office Automation*;
T. Forester, *The Microelectronics Revolution*;
H. Hunke, *Software Engineering Environments*;
B. Lientz, *An Introduction to Distributed Systems*; D. W. Davies, D. L. A. Barber, W. L. Price & C. M. Solomonides, *Computer Networks and their Protocols*; A. Tanenbaum, *Computer Networks*; S. Atre, *Data Base: Structured Techniques for Design, Performance and Management*; C. Date, *An Introduction to Database Systems*; Selected papers.

Remedial Classes

L. Goldschlager & A. Lister, *Computer Science*; S. Madnick & J. Donovan, *Operating Systems*; C. Gear, *Computing Organisation and Programming*; J. J. Donovan, *Systems Programming*.

Topics in Systems Analysis

A. Burns, *The Microchip*; H. Lucas, F. Land, T. Lincoln & K. Supper, *The Information Systems Environment*; J. Couger, M. Colter & R. Knapp, *Advanced System Development/Feasibility Techniques*; P. Chen, *Entity-Relationship Approach to Systems*

Analysis and Design; E. Yourdon, *Techniques of Program Structure and Design*; G. Davis & G. Everest, *Readings in Management Information Systems*; M. Dertouzos & J. Moses, *The Computer Age*; M. Jackson, *Principles of Program Design*; M. Lockett & R. Spear, *Organisations as Systems*; P. Keen & M. S. Scott-Morton, *Decision Support Systems*; Fick & Sprague, *Decision Support Systems: Issues and Challenges*; Selected papers.

Computer Systems Design

T. De Marco, *Structures Analysis and System Specification*; S. J. Waters, *Introduction to Computer Systems Design*; S. J. Waters, *Systems Specification*; E. Yourdon, *Techniques of Program Structure and Design*; Selected papers and case studies.

Examination Arrangements: there is a three-hour formal examination in the Summer Term, based on the full syllabus of all three lecture courses. The paper will contain approximately 10 questions, of which four are to be answered. It is important to answer four questions as no credit is given for a fifth answer, and one quarter of the marks are allotted to each of the four answers. Copies of previous years' papers are available.

SM8303

Systems Analysis

See **Computing and Data Processing SM8300**

SM8304

Advanced Systems Analysis

Teacher Responsible: Professor Frank Land, Room S102 (Secretary, Sue Coles, S107)

Other Teachers Involved: Mr. R. K. Stamper, Dr. S. J. Waters, Mr. R. Hirschheim, Mrs. E. Somogyi.

Course is Compulsory for M.Sc. Analysis, Design and Management of Information Systems and for Diploma in the Management of Information Systems.

Course Also Intended for M.Sc. in Operational Research, Accounting and Finance. It may be selected as an option for other M.Sc.'s under the "any other option" rubric.

Scope: The aim of the course is to provide students with an understanding of the process by which information technology is applied to the information problems of organisations and the social and organisational context in which information systems will be expected to operate.

Syllabus: Advanced Systems Analysis comprises the following four courses:

SM361 Information Systems (Mr. R. Hirschheim) which looks at the way information systems, as an area of study, has evolved. Contributions from different disciplines which aid our understanding of information systems are explored. In particular, management, information and systems theories are discussed along with how information systems are developed and used.

SM362 Information Systems Management (Professor F. Land, Mrs. E. Somogyi, Mr. R. Hirschheim), which considers the "life cycle" of an information system, and the processes and activities which are needed to investigate, design, implement, and operate a computer-based information system. The course discusses information economics, the organisation of the EDP function within an organisation, and the control of an information systems development project.

SM363 Systems Analysis Methodology II (Mr. R. Stamper), which describes and reviews the various methodologies and their associated techniques and tools, which have been developed to carry out the process of analysis, evaluation, design and construction of information systems. Students are expected to give detailed consideration to a number of methodologies, and to the criteria for evaluating the suitability of methodologies.

SM360 Systems Specification (Dr. S. J. Waters), which discusses the function of a systems specification and analyses the components and contents of the specification in terms of its functions. A number of different documentation techniques are illustrated, and the possibility of using a computer in the specification process are analysed.

Pre-Requisites: Students should have a basic knowledge of computer science, and should at least have read some basic text books on systems analysis, such as Daniel & Yeates, *Basic Systems Analysis* or A. Parkin, *Systems Analysis*. A knowledge of elementary logic would also be useful.

Teaching Arrangements: There are four lecture courses and classes as follows:

SM361 Information Systems. 10 one-hour lectures, and 5 one-hour classes (SM361a) Michaelmas Term.

SM362 Information Systems Management. 10 one-hour lectures, and 5 one-hour classes (SM362a) Michaelmas Term.

SM363 Systems Analysis Methodology II. 10 one-hour lectures, and 10 one-hour classes (SM363a) Lent Term.

SM360 Systems Specification. 10 one-hour lectures Michaelmas Term. (SM360a) Michaelmas Term.

Teaching Method: Teaching is arranged in lectures and classes. Lectures are primarily used for providing an overview and survey of the subject area, together with detailed illustrations. Students are expected to amplify the knowledge gained from lectures by guided reading. Classes are used for students carrying out case-studies in groups, or for individual students, or students working in groups, investigating in detail and reporting orally and in writing on issues raised in lectures and discussion.

Reading List: Each course (see below) has its own essential reading, but if possible the following books should have been studied before commencing the course:

T. De Marco, *Structured Analysis and Systems Specification*; W. Kent, *Data and Reality*; D. Clifton, *Business Data Systems*.

No one book covers the entire syllabus, and because of the rapidly changing technology, and the widening range of relevant journals, and new books, students are advised to consult the course lectures on the most appropriate material to read from the reading list.

General List - Essential Reading

P. Checkland, *Systems Thinking, Systems Practice*; D. Clifton, *Business Data Systems*; T. De Marco, *Structured Analysis and Systems Specification*; C. B. Grindley & J. Humble, *The Effective Computer*; W. Kent, *Data and Reality*; H. Lucas, F. Land, T. Lincoln & K. Supper (Eds.), *The Information Systems Environment*; R. K. Stamper, *Information in Business*.

SM360 Systems Specification

T. De Marco, *Structured Analysis and Systems Specification*; S. J. Waters, *Systems Specification*.

SM361 Information Systems

G. Davis & M. Olson, *Management Information Systems*; N. Ahituv & S. Neumann, *Principles of Information Systems for Management*; G. Davis & S. Everest, *Readings in Management Information Systems*.

SM362 Information Systems Management

R. Hirschheim, *Information Management Planning in Organisations*; F. P. Brooks, *The Mythical Man-Month*; H. Donaldson, *Data Processing Project Management*; R. Nolan,

Managing the Data Resource Function (2nd edn.); T. Gildersleeve, *Data Processing Project Management*; A. Parkin, *Systems Management*.

Other Relevant Books:

J. D. Aron, *The Program Development Process*; A. Chandor, *Selecting and Keeping Computer Staff*; L. J. Krauss & A. MacGahan, *Computer Fraud and Countermeasures*; D. K. Hsiao, D. S. Kerr & S. E. Madnick, *Computer Security*; J. Martin, *Security, Accuracy and Privacy of Computer Systems*; F. W. McFarlan & R. L. Nolan, *The Information Systems Handbook*; P. W. Metzger, *Managing a Programming Project*; D. B. Barker, *Crime by Computer*; G. M. Weinberg, *The Psychology of Computer Programming*.

SM363 Systems Analysis Methodology II

C. Gane & T. Sarson, *Structured Analysis: Tools and Techniques*; M. Mehlmann, *When People Use Computers*; E. Mumford & D. Henshall, *The Participative Approach to the Design of Computer Systems*; J. Cougar, M. Colter & R. Knapp, *Advanced System Development/Feasibility Techniques*; T. Olle, H. Sol & A. Verrijn-Stuart, *Information Systems Design Methodologies*; M. Jackson, *System Development*; J. A. Buberko (Ed.), *Information Modelling*; T. De Marco, *Structured Analysis and Systems Specification*; R. Rock-Evans, *Data Analysis*; E. Mumford & M. Weir, *Computer Systems in Work Design: The ETHICS Method*; G. Weinberg, *Structured Analysis*.

Other Relevant Books:

C. Hines & G. Serle, *Automatic Unemployment*; P. Kraft, *Programmers and Managers*; E. Mumford & H. Sackman, *Human Choice and Computers I*; A. Mowshowitz, *Human Choice and Computers II*; N. Szyperski & E. Groschla (Eds.), *Computer-Based Information Systems*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus of all four lecture courses. The paper which contains 12 questions is divided into two sections. Students are expected to answer four questions, two from each section. All questions carry equal marks. Examination papers from previous years are available from Sue Coles (S107).

Other Information: More detailed study guides for individual courses will be made available on request.

SM8305

Systems Analysis I

Teacher Responsible: Professor Frank Land, Room S102 (Secretary, Sue Coles, S107)

Other Teachers Involved: Mr. R. K. Stamper, Dr. S. J. Waters

Course Intended Primarily for M.Sc (Operational Research) 1/2 unit

Scope: The course will give students an understanding of the process by which information system problems are analysed, and information technology is applied to them.

Syllabus: Systems Analysis I comprises the following two lecture courses.

SM360 Systems Specification

Discusses the function of a systems specification and analyses the components and contents of the specification in terms of its functions. A number of different documentation techniques are illustrated, and the possibility of using a computer in the specification process are analysed.

SM363 Systems Analysis Methodology II

Describes and reviews the various methodologies and their associated techniques and tools, which have been developed to carry out the process of analysis, evaluation, design and construction of information systems. Students are expected to give detailed consideration to a number of methodologies, and to the criteria for evaluating the suitability of methodologies.

Pre-Requisites: Students should have a basic knowledge of computer science, and should at least have read some basic text books on systems analysis such as Daniels and Yeates, *Basic Systems Analysis*, or A. Parkin, *Systems Analysis*.

Teaching Arrangements: There are two lecture courses and classes as follows.

SM360 Systems Specification: 10 one hour lectures and 10 one hour classes (SM360a) Michaelmas Term.

SM363 Systems Analysis Methodology II: 10 one hour lectures and 10 one hour classes (SM363a) Lent term.

Reading List: Each course (see below) has its own essential reading, but if possible the following books should have been studied before commencing the course: T. DeMarco, *Structured Analysis and Systems Specification*; D. Clifton, *Business Data Systems*.

SM360: S. J. Waters, *Systems Specification*,

SM363: C. Gane & T. Sarson, *Structured Analysis: Tools and Techniques*; M. Mehlmann, *When People use Computers*; E. Mumford & D. Henshall, *The Participative Approach to the*

Design of Computer Systems; M. Jackson, *Systems Development*; J. A. Bubenko, *Information Modelling*; R. Rock-Evans, *Data Analysis*; E. Mumford & M. Weir, *Computer Systems in Work Design: The ETHICS Method*.

Examination Arrangements: There is a three hour formal examination in the Summer Term.

SM8306

Information Systems in Developing Countries

Teacher Responsible: Professor Frank Land, Room S102 (Secretary, Sue Coles, S107)

Other Teachers Involved: Dr. J. Liebenau

Course Intended Primarily for Diploma in the Management of Information Systems

Scope: The course covers some aspects of development economics and the application of technology to developing countries, with particular emphasis on information technology and information systems.

Syllabus: The course is made up of three lecture courses as follows:

SM380 **Aspects of Development Economics** Economic Regions and their characteristics. Economics of developing countries. The possibilities of international and regional cooperation. International Agreements and International Institutions. Sources of Development Support. Public Administration and Social Policy.

SM381 **Applications of New Technology** Development of infrastructure and primary services — agriculture, transport, power, communications, financial services, education and training. The process of technology transfer and exchange. Analysis of factors inhibiting or facilitating transfer and exchange: economic, social, organisational and cultural factors. The role of information technology in public administration and the implementation of social policy. Computers in the private sector. Computers in education and training.

SM382 **Management and Political Issues** National Institutions (NCC), National and International Standards. Regulation and control. The Education system. Training and the diffusion of skills. The role of expatriates. Trans-boarder data follow.

Reading: Readings will be given at the commencement of the course.

SM8342

Operational Research Techniques and Applications

Teacher Responsible: Dr. Ray Paul, Room S109 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. Analysis, Design and Management of Information Systems; M.Sc. Accounting and Finance.

Scope: The course gives an introduction to the methodology and theoretical techniques of Operational Research.

Syllabus: Operational Research Methodology: The practice and context of operational research — how they affect each other. Topics covered from problem formulation and model building through to the scientific status of O.R., and to whether O.R. workers are professional.

Basic Operational Research Techniques: An introduction to stock control, scheduling, queueing theory, replacement, critical path analysis, dynamic programming and simulation.

Basic Mathematical Programming: Formulation of operational problems in linear and non-linear programming models; solution of such problems by available computer programs; interpretation of solutions; limitations of such models.

Selected Topics in Operational Research: Each week an invited speaker presents illustrations of the practical applications of O.R. in industry or a public institution.

Applied Statistics and Forecasting Techniques for Operational Research: Point and interval estimation. Tests of normal hypotheses. Goodness of fit tests. Linear regression. The moving average and exponential smoothing techniques of forecasting.

Pascal Programming (optional): The syntax of the Pascal programming language. This course will be based on the video series Programming in Pascal.

Pre-Requisites: A knowledge of mathematics and statistics to the level of the undergraduate papers in **Elementary Mathematical Methods and Elementary Statistical Theory** of the Part I examination of the B.Sc. (Econ.) degree.

Teaching Arrangements: The course is made up of a number of lecture courses, some with classes, as follows:

Lectures: SM350 15 Michaelmas and Lent Terms, SM351 30 Michaelmas Term, SM353 30 Michaelmas Term, SM357 Michaelmas Term, SM358 Michaelmas and Lent Terms, SM359 During the eighth week of the Michaelmas Term, students will be given an O.R. problem to be solved in groups of four

students. The problem requires the application of commonsense and what the students learn during the course in order to produce a group report by the end of the second week of the Lent Term. A one day session will be held during the fourth week of the Lent Term during which each student group will make a presentation of their report to the other students and the O.R. staff.

SM 1-4 October 1984, 5 Michaelmas Term. Classes: SM357a 5 Michaelmas Term.

Reading List: Recommended books are:

H. G. Daellenbach & J. A. George, *Introduction to Operations Research Techniques* (Allyn and Bacon, 1978); H. P. Williams, *Model Building in Mathematical Programming* (Wiley, 1977, available in paperback).

Students may also wish to consult:

R. L. Ackoff, *Scientific Method: Optimizing Applied Research Decisions*; R. L. Ackoff & M. W. Sasieni, *Fundamentals of Operations Research*; L. V. Atkinson, *A Student's Guide to Programming in Pascal*; R. G. Brown, *Smoothing Forecasting and Prediction*; W. Gilchrist, *Statistical Forecasting*; G. Hadley, *Linear Programming*; N. A. J. Hastings, *Dynamic Programming with Management Applications*; F. S. Hillier & G. J. Lieberman, *Operations Research*; I. Irvine, I. Miles & J. Evans (Eds.), *Demystifying Social Statistics*; T. J. Johnson, *Professions and Power*; L. L. Lapin, *Statistics for Modern Business Decisions*; G. Majone & E. S. Quade (Eds.), *Pitfalls of Analysis*; A. M. Mood & F. A. Graybill, *Introduction to the Theory of Statistics*; E. Page, *Queueing Theory in O.R.*; J. R. Ravetz, *Scientific Knowledge and its Social Problems*; A. Sandberg, *The Limits to Democratic Planning*; M. Sasieni, A. Yaspan & L. Friedman, *Operations Research: Methods and Problems*; D. Smith, *Linear Programming Models in Business*; S. Vajda, *Readings in Linear Programming*; S. Zions, *Linear and Integer Programming*.

Examination Arrangements: A single three-hour formal open-book examination is held near the end of the Summer Term. This examination covers the syllabus for the three courses:

Basic Operational Research Techniques
Basic Mathematical Programming
and Applied Statistics and Forecasting Techniques for O.R.

The paper contains 7 questions, sampled randomly from the three lecture courses. Five of these questions must be attempted. It is important to attempt five questions: only the best five answers will be counted, and one fifth of the marks is available for each of these five questions. On the other hand, it is

not necessary to answer fully all parts of a question to obtain a reasonable mark on it. Copies of previous years' papers are available. Prior to the examination, a set of questions will be given out at the beginning of the Summer Term to be solved before the examination. The examination questions will refer to the solutions of these pre-examination questions.

Note: this is an open-book examination i.e. any material can be brought into the examination room.

50% of the total assessment of the course is based on the examination paper — the other 50% is awarded as follows:

25% for the report and presentation mentioned above under **Operational Research Tutorial Class** (all members of a group receive the same mark).

25% for an essay on a subject based on the **Operational Research Methodology** lecture course.

Written work is marked on presentation as well as on content. Students should not assume that a bad performance in any part of the written work can necessarily be compensated by good performance in the examination or vice versa.

SM8343

Techniques of Operational Research (Half-unit course)

Teacher Responsible: Dr. Ray Paul, Room S109 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. Operational Research.

Scope: The course is compulsory for all M.Sc. Operational Research students and gives an introduction to the theoretical techniques of Operational Research.

Syllabus: Basic Operational Research Techniques: An introduction to stock control, scheduling, queueing theory, replacement, critical path analysis, dynamic programming and simulation. **Basic Mathematical Programming:** Formulation of operational problems in linear and non-linear programming models; solution of such problems by available computer programs; interpretation of the solutions; limitations of such models.

Applied Statistics and Forecasting Techniques for Operational Research: Point and interval estimation. Tests of normal hypotheses. Goodness of fit tests. Linear regression. The moving average and exponential smoothing

techniques of forecasting.

Pascal Programming: The syntax of the Pascal programming language. This course will be based on the video series Programming in Pascal.

Pre-Requisites: A knowledge of mathematics and statistics to the level of the undergraduate papers in **Elementary Mathematical Methods** and **Elementary Statistical Theory** of the Part I examination of the B.Sc. (Econ.) degree.

Teaching Arrangements: Lectures: SM351 30 Michaelmas Term; SM353 30 Michaelmas Term; SM357 10 Michaelmas Term, SM377 1-4 October and 5 Michaelmas Term. Classes: SM357a 5 Michaelmas Term.

Reading List: Recommended books are: H. G. Daellenbach & J. A. George, *Introduction to Operations Research Techniques*, Allyn and Bacon, 1978; H. P. Williams, *Model Building in Mathematical Programming*, Wiley, 1977, available in paperback. Students may also wish to consult: R. L. Ackoff and M. W. Sasieni, *Fundamentals of Operations Research*; R. G. Brown, *Smoothing Forecasting and Prediction*; W. Gilchrist, *Statistical Forecasting*; G. Hadley, *Linear Programming*; N. A. J. Hastings, *Dynamic Programming with Management Applications*; F. S. Hillier & G. J. Lieberman, *Operations Research*; I. Irvine, I. Miles & J. Evans (Eds.), *Demystifying Social Statistics*; L. L. Lapin, *Statistics for Modern Business Decisions*; A. M. Mood & F. A. Graybill, *Introduction to the Theory of Statistics*; E. Page, *Queueing Theory in O.R.*; M. Sasieni, A. Yaspan & L. Friedman, *Operations Research: Methods and Problems*; D. Smith, *Linear Programming Models in Business*; S. Vajda, *Readings in Linear Programming*; S. Zionts, *Linear and Integer Programming*.

Examination Arrangements: A single three-hour formal open-book examination is held near the end of the Summer Term. The paper contains 7 questions, sampled randomly from the three lecture courses. Five of these questions must be attempted. It is important to attempt five questions: only the best five answers will be counted, and one fifth of the marks is available for each of these five questions. On the other hand, it is not necessary to answer fully all parts of a question to obtain a reasonable mark on it. Copies of previous years' papers are available. Prior to the examination, a set of questions will be given out at the beginning of the Summer Term to be solved before the examination. The examination questions will refer to the solutions of these pre-examination questions. Note: this is an open-book examination i.e. any material can be brought into the examination room.

822 *Statistical and Mathematical Sciences*

SM8344

Applications of Operational Research

Teacher Responsible: Jonathan Rosenhead, Room S113 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc.

Operational Research, for which this constitutes a compulsory half-unit paper.

Scope: This course is designed to complement the theoretical emphasis of Techniques of Operational Research SM8343. The intention is to give students an appreciation of the non-technical factors which enter into the successful execution of an operational research study — by means of case study presentations, a discussion of methodological issues, and an experience of 'practical' project work.

Syllabus:

Operational Research Methodology (SM358):

The practice and context of operational research — how they affect each other. Topics covered range from problem formulation and model building through to the scientific status of O.R., and to whether O.R. workers are professionals. The course is taught by a mixture of presentations by the lecturer and by groups of students. The approach of the course is critical — students will be encouraged to re-examine cherished assumptions, and debate their validity.

Selected Topics in Operational Research (SM359): A series of invited speakers present practical illustrations of O.R. in business or in public agencies.

Operational Research Tutorial Class: During the eighth week of the Michaelmas Term, students will be given an O.R. problem to be solved in groups of four students. The problem requires the application of commonsense and what the students learn during the course in order to produce a group report by the end of the second week of the Lent Term. A one day session will be held during the fourth week of the Lent Term during which each student group will make a presentation of their report to the other students and the O.R. staff.

Teaching Arrangements: There are three components as follows: Lectures SM350 10 x 1½ hours, Michaelmas and Lent Terms. SM358 15 x 1½ hours, Michaelmas and Lent Terms. SM359 See syllabus entry above for arrangements.

Reading List: Recommended books (for **Operational Research Methodology**) are: R. L. Ackoff, *Scientific Method: Optimizing Applied Research Decisions*; J. Irvine, I. Miles & J. Evans (Eds.), *Demystifying Social Statistics*;

G. Majone & E. S. Quade (Eds.), *Pitfalls of Analysis*. Students may also wish to consult: M. Hales, *Science of Society? The politics of the Work of Scientists*; T. J. Johnson, *Professions and Power*; J. R. Ravetz, *Scientific Knowledge and its Social Problems*. A much more extensive reading list will be provided at the start of the course.

Examination Arrangements: There is no formal examination for this course. Assessment weight is divided equally between an essay on a subject based on the **Operational Research Methodology** course, and the report and presentation mentioned above under **Operational Research Tutorial Course** (for which all members of a group receive the same mark). Both the essay and the report are evaluated on presentation as well as content.

SM8345

Context of Operational Research and Simulation (Half unit course)

Teacher Responsible: Dr. Ray Paul, Room S109 (Secretary, Hazel Rice S108)

Course Intended Primarily for M.Sc.

Operational Research

Scope: The course is compulsory for all M.Sc. Operational Research students and gives an introduction to simulation, computer software in O.R., and other disciplines of relevance to the practice of Operational Research.

Syllabus:

Workshop in Simulation and Computer Software: Computer simulation models, design of computer software in O.R., applications of microcomputers in O.R.

Elements of Financial Decision Theory: The theory of long-run decision making in the firm. The investment, financing and dividend decisions and their inter-relationships. The valuation of the firm. The problems caused by capital market imperfections. The handling of risk and uncertainty, and especially the contribution of modern portfolio theory and the capital asset pricing model.

Industrial Psychology: Individual maturation and maladjustment. Factors leading to the formation of industrial groups. Morale and individual breakdown; co-operative and competitive situations; resistance to change. The nature of incentives. Supervisory and other leadership. Psychological and organizational factors in communication.

823 *Statistical and Mathematical Sciences*

Basic Systems Analysis: An introduction to systems analysis and the role the systems analyst plays in the design of computer based systems. The relationship between systems analysis and operational research. Information systems in organisations: role and function. **Economics for Operational Research:** An introduction to economics.

Pre-Requisites: A knowledge of mathematics and statistics to the level of the undergraduate papers in **Elementary Mathematical Methods** and **Elementary Statistical Theory** of Part I examination of the B.Sc. (Econ.) degree.

Teaching Arrangements: Lectures SM368 30 Michaelmas Term, Ac105 15 Michaelmas Term, Ps158 15 Lent Term, SM365 10 Michaelmas Term, SM366 10 Michaelmas Term. Classes: Ac105a 11 Lent and Summer Terms, SM365a 5 Michaelmas Term.

Reading List: Recommended are: A. T. Clementson, *The CAPS/ECSL Manual*; Students may also wish to consult: A. M. Law & W. D. Kelton, *Simulation Modelling and Analysis*; Naylor, Balintfy, Burdick & Chu, *Computer Simulation Techniques*; K. D. Tocher, *The Art of Simulation*.

This reading list would be excessively long if books for all the above lecture courses were given. Specific recommendations will be made during the lecture courses.

Examination Arrangements: The course is examined entirely by course work and a project. The course is assessed as follows: 70% for a management report covering the results of a computer simulation program. The problem to be simulated is given during the second half of the Michaelmas Term for completion in the first half of the Lent Term. 30% for one piece of written work which can be selected from the following lecture courses: (a) **Industrial Psychology**; (b) **Economics for Operational Research**; (c) **Basic Systems Analysis**; (d) **Elements of Financial Decision Theory**;

Written work is marked on presentation as well as on content.

SM8346

Graphs and Combinations (Not available 1984-85)

SM8347

Advanced Operational Research Techniques

Teacher Responsible: Dr. John Howard, Room S209 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. Operational Research.

Scope: This is an advanced half-unit course in Operational Research Techniques but excluding Mathematical Programming and Simulation (for which there are specialist companion courses available).

Syllabus: Replacement Theory, Scheduling, Inventory Control, Queueing Theory, Game Theory, Dynamic Programming.

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**. Mathematics to the level of **Elementary Mathematical Methods**.

Operational Research to the level of **Basic Operational Research Techniques**. Students must be prepared to use both micro and mainframe computers.

Teaching Arrangements: There is one lecture course, accompanied by a class, as follows: Lectures: SM352 20 Lent and Summer Terms. Classes: SM352a 20 Lent and Summer Terms. SM352 **Advanced Operational Research Techniques**. (Dr. Paul, S109, Mr. Rosenhead, S113 and Dr. Howard, S209). Very full lecture notes are provided, and every week a set of problems is given out in the lecture. These are discussed in the following weekly class (SM352a). The class teacher is usually the lecturer or a teaching assistant.

Reading List: Recommended books are: K. R. Baker, *Introduction to Sequencing and Scheduling*; R. E. Bellman & S. E. Dreyfus, *Applied Dynamic Programming*; R. B. Cooper, *Introduction to Queueing Theory* (2nd edn.); D. R. Cox & W. L. Smith, *Queues*; S. French, *Sequencing and Scheduling*. G. Hadley & T. M. Whitin, *Analysis of Inventory Systems*; N. A. J. Hastings, *Dynamic Programming with Management Applications*; F. S. Hillier & G. J. Lieberman, *Operations Research*; D. W. Jorgenson, J. J. McCall & R. Radner, *Optimal Replacement Policy*; E. Page, *Queueing Theory in O.R.*

Examination Arrangements: There is a two-hour formal examination in the Summer Term covering the whole syllabus. The paper usually contains six questions, of which three must be attempted. It is important to attempt three questions; only the best three answers will be counted, and one third of the marks is available for each of these three attempts. On the other hand, it is not necessary to answer

fully all parts of a question to obtain a reasonable mark on it. Copies of previous years' papers are available, but before 1985 the examination paper had a different structure.

SM8348

Further Simulation (Half unit course)

Teacher Responsible: Dr. R. J. Paul, Room S109 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. Operational Research.

Scope: An introduction to research work in simulation.

Syllabus: An examination of programming structures for simulation model construction e.g. process-flow, three-phase, event-based. Program generation by computer automated methods. The use of new software ideas in automating problem solving by simulation. A review of other modelling techniques, such as systems dynamics, control theory.

Pre-Requisites: The lecture course SM368.

Teaching Arrangements: Lectures: SM8348, 25 Lent and Summer Terms.

Reading List: As for SM368 plus others to be given in lectures.

Examination Arrangements: This course is examined entirely by course work and/or project work. The nature of the work will depend on how many students take the course.

SM8349

Computer Modelling for Operational Research

Teacher Responsible: Mr. D. W. Balmer, Room S208 (Secretary, Leila Alberici, S107)

Course Intended Primarily for M.Sc. (Statistics) (half-unit)

Scope: The course is composed of two distinct sections. Each of these in its own way provides some insight into the interface between computing methods and operational research.

Syllabus: SM365 **Basic Systems Analysis**; An introduction to systems analysis and the role the systems analyst plays in the design of

computer based systems. The relationship between systems analysis and operational research. Information systems in organisations: role and function. Other topics include economics, cost benefit analysis and computer programming.

SM368 **Workshop in Simulation and Computer Software**; Activity cycle diagrams, computer simulation models, stochastic input generation and output analysis. The course is taught with a strong emphasis on practical application.

Micro Packages and Software Design; the use of microcomputers and associated software.

Pre-Requisites: There are no specific prerequisites in computing, but some prior contact with computing, use of packages and programming would be useful.

Teaching Arrangements: SM365 10 lectures and 5 classes in the Michaelmas Term. SM368 30 hours teaching during the Michaelmas Term.

Examination Arrangements: Each section of the course will be assessed independently by means of an extended essay or a project as appropriate.

SM8350

Management Mathematics

Teacher Responsible: Jonathan Rosenhead, Room S113 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. in Analysis, Design and Management of Information Systems.

Scope: The course is intended to give an elementary introduction to the formal techniques of operational research, an approach to the structuring and solution of managerial problems in large or complex organisations in business, industry and government. The techniques themselves are mathematical in nature, though only a basic knowledge of mathematics will be assumed; however a number of the techniques use probabilistic concepts, and the course therefore also includes an introduction to probability theory.

Syllabus: Elements of Probability; Definitions and rules of probability; Bayes theorem; random variables and expectation; discrete and continuous distributions; simple stochastic processes.

Elements of Management Mathematics: Topics treated include critical path analysis, scheduling, theory of games, linear programming, decision analysis, dynamic programming, replacement, Markov chains, queues and stock control.

Pre-Requisites: Students will need a basic

fluency in mathematical manipulations such as is provided by **Basic Mathematics for Economists** or **Elementary Mathematical Methods**, or equivalent courses elsewhere. An exposure to statistical thinking at the level of **Basic Statistics** or above will also be an advantage (although the relevant material will be covered in SM313(a)). For students who have already studied mathematics and statistics to first year undergraduate specialist level and found them to be not too testing, **Elements of Management Mathematics** will be very restrictive mathematically. They should instead take **Operational Research Techniques and Applications**, where a rather fuller mathematical vocabulary permits the same techniques to be covered in greater depth.

Teaching Arrangements: There are two components of the course, each accompanied by a class. They cover the two subdivisions of the syllabus listed above:

Lectures: SM313(i) **Elements of Probability** 10 Michaelmas Term

SM313 (ii) **Elements of Management Mathematics** 20 Michaelmas and Lent Terms
Classes: SM313(a) 20 Michaelmas Term, 10 Lent Term

SM313(b) Revision class, 5 Summer Term

Full lecture notes are provided for both components of the course. Exercises are distributed in each lecture, which are discussed in the following weekly class.

Reading List: Recommended Books:

D. R. Anderson, D. J. Sweeney & T. A. Williams, *An Introduction to Management Science* (West); L. Lapin, *Management Science for Business Decisions* (Harcourt Brace Jovanovich); J. C. Turner, *Modern Applied Mathematics* (English Universities Press); A. M. Arthurs, *Probability Theory* (Routledge Kegan Paul); L. Lapin, *Statistics of Modern Business Decisions* (Harcourt Brace Jovanovich); T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics* (Wiley). Students may wish to consult:

S. K. Gupta & J. M. Cozzolino, *Fundamentals of Operations Research for Management* (Holden-Day); M. S. Makower & E. Williamson, *Teach Yourself Operational Research* (English Universities Press).

Examination Arrangements: The course is examined by one three-hour formal examination in the Summer Term. The paper is divided into sections; the first (normally containing 3 questions) covers SM313 (i), while the second section (normally 6 questions) covers SM313 (ii). Students are expected to attempt 5 questions, of which no more than 2 can be from the first section. Copies of previous years' papers are available.

SM8351

Advanced Mathematical Programming

Teacher Responsible: Professor A. Land, Room S114 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. (Accounting and Finance) 3 and 4e(ii). M.Sc. (Econometrics and Mathematical Economics) 2, 3 and 4g(ii).

Scope: The aim of the course is to take students who may be totally unfamiliar with the subject up to a stage at which they can read at least some of the recent research articles.

Syllabus: Theory, methods and formulation of models in mathematical programming. (i.e. linear, quadratic, integer programming; introductory non-linear optimisation; graph theory).

Pre-Requisites: A knowledge of linear algebra sufficient to handle matrix inversion and manipulation of partitioned vectors and matrices. It is NOT necessary to have any previous experience of computers and no computer programming will be called for, although students must be prepared to use computer packages – punching cards or using terminals as necessary.

Teaching Arrangements: There are four lecture courses, two of them accompanied by classes, as follows:

Lectures: SM353 **Basic Mathematical Programming** 30 Michaelmas Term (Professor A. Land and Dr. S. Powell).

SM354 **Mathematical Programming I** 15 Michaelmas and Lent Term. (Professor A. Land and Dr. S. Powell).

SM355 **Mathematical Programming II** 15 Michaelmas and Lent Terms (Professor A. Land and Dr. S. Powell)

SM356 **Graph Theory** 10 Michaelmas Term. (Professor A. Land).

Classes: SM354(a) and SM355(a) 30 Sessional. SM353 (also part of the course **Fundamentals of O.R.**). Introductory course – emphasis on formulation of O.R. problems as mathematical programming models, and solutions using computer packages.

SM354 and SM355 Mathematical foundations: various versions of simplex algorithm: selection of topics (which may vary from year to year) from the areas of unimodular linear programming, methods and special models in integer programming, non-linear optimization (constrained and unconstrained).

SM356 Fundamental concepts in graph theory, planar and dual graphs, maximum-minimum problems in networks; matching

theory.

Reading List: G. B. Dantzig, *Linear Programming and Extensions*; R. Fletcher, *Practical Methods of Optimization*. Vol. I *Unconstrained Optimization*; D. Gale, *The Theory of Linear Economic Models*; Garfinkel & Nemhauser, *Integer Programming*; G. Hadley, *Linear Programming*; F. Harary, *Graph Theory*; T. C. Hu, *Combinatorial Algorithms*; A. J. Jones, *Game Theory*, A. Land & S. Powell, *Fortran Codes for Mathematical Programming*; C. L. Liu, *Introduction to Combinatorial Mathematics*; R. D. Luce & H. Raiffa, *Games and Decisions*; J. C. C. McKinsey, *Introduction to the Theory of Games*; W. Murray, *Numerical Methods for Unconstrained Optimization*; J. von Neumann & O. Morgenstern, *The Theory of Games and Economic Behaviour*; J. A. Pundy & V. S. R. Murty, *Graph Theory with Applications*; W. L. Price, *Graphs and Networks*; M. Shubik, *Strategy and Market Structure*; L. C. W. Dixon, E. Spedicato & G. P. Szego, *Nonlinear Optimization*; S. Vajda, *Theory of Linear and Non-Linear Programming: Readings in Linear Programming*; J. D. Williams, *The Complete Strategist*; S. Zions, *Linear and Integer Programming*.

Examination Arrangements: The course will be assessed by two two hour examinations. Each paper will contain at least five questions of which three must be answered.

SM8354

Mathematical Programming I (Half unit course)

Teacher Responsible: Professor A. Land, Room S114 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. (Operational Research). Also available for M.Sc. (Statistics) II.7.

Scope: To cover the use of mathematical programming models in practice, and an introduction to the theory and computational methods.

Syllabus: As described under the headings of the lecture courses below.

Pre-Requisites: A knowledge of linear algebra sufficient to handle matrix inversion and manipulation of partitioned vectors and matrices. It is NOT necessary to have any previous experience of computers and no computer programming will be called for, although students must be prepared to use computer packages and computer terminals.

Teaching Arrangements: There are three lecture courses, as follows:

SM353 **Basic Mathematical Programming**, 10 half-day (3-hour) sessions (Professor A. Land or Dr. S. Powell). SM354 **Mathematical Programming I**, (Professor A. Land or Dr. S. Powell.) 5 lectures, 5 classes, in the last 5 weeks of Michaelmas 10 lectures, 10 classes in the first 5 weeks of Lent Term. SM356 **Graph Theory**, 10 sessions (6 lectures, 4 classes) (Professor A. Land).

SM353 (also part of the course **Techniques of OR**). Introductory course – formulation of OR problems as mathematical programming models, solutions using computer packages, and interpretation of solutions. SM354 Introduction to theory of linear programming and duality: Simplex algorithm, (primal and dual basis change, Phase I/Phase II, sensitivity, etc.); unimodular models: integer linear programming (ILP) methods (branch and bound, enumeration); some special ILP models. SM356 Fundamental concepts in graph theory, planar and dual graphs, maximum-minimum problems in networks, matching theory.

Reading List: G. B. Dantzig, *Linear Programming and Extensions*; Garfinkel & Nemhauser, *Integer Programming*; G. Hadley, *Linear Programming*; F. Harary, *Graph Theory*; T. C. Hu, *Combinatorial Algorithms*; A. Land & S. Powell, *Fortran Codes for Mathematical Programming*; C. L. Liu, *Introduction to Combinatorial Mathematics*; J. A. Pundy & V. S. R. Murty, *Graph Theory with Applications*; W. L. Price, *Graphs and Networks*; S. Vajda, *Readings in Linear Programming*; S. Zions, *Linear and Integer Programming*.

Examination Arrangements: The course will be examined by a two hour examination. The paper will contain at least five questions of which three must be attempted.

SM8355

Mathematical Programming II (Half unit course)

Teacher Responsible: Dr. S. Powell, Room S105b (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. (Operational Research).

Scope: To take students beyond the level of **Mathematical Programming I** to a point at which they can read at least some of the recent research literature.

Syllabus: The foundations of mathematical

programming: developments in computational methods to take advantage of sparsity;

Lagrangean relaxation: introduction to non-linear methods: further ILP methods (cutting planes, heuristic methods): additional special ILP models (e.g. location problems).

Pre-Requisites: **Mathematical Programming I**. **Teaching Arrangements:** 15 lectures and 15 classes, starting from the sixth week of Lent Term, and extending into the first three weeks of the Summer Term.

Lectures: SM355 **Mathematical Programming II**. Classes: SM355a **Mathematical Programming II**. **Reading List:** V. Chvatal, *Linear Programming*; R. Fletcher, *Practical Methods of Optimization* Vol. I, *Unconstrained Optimization*; D. Gale, *The Theory of Linear Economic Models*; W. Murray, *Numerical Methods for Unconstrained Optimization*; L. C. W. Dixon, E. Spedicato & G. P. Szego, *Nonlinear Optimization*; S. Vajda, *Theory of Linear and Non-Linear Programming*.

Examination Arrangements: The course will be examined by a two hour examination. The paper will contain at least five questions of which three must be attempted.

SM8356

Transport Models

Teacher Responsible: Dr. S. Powell, Room S105b (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. Operational Research.

Scope: The course introduces students to the use and limitations of operational research and model-building in transport planning.

Syllabus: Transport Economics: consumer surplus, peak load pricing, congestion, urban transport models, queuing theory and traffic problems, demand analysis and forecasting.

Valuation of Intangibles: how can money values be assessed for factors not bought or sold? E.g. time, recreation, health and pollution.

Cost Benefit Analysis: Cost benefit analysis as applied welfare economics and as a methodology for aiding decision making in the public sector. Methods of valuing costs and benefits, social discounting and inter-personal comparison. Examples.

Introduction to Operational Research in Transport: Various types of problems in both private and public transport to which operational research has been applied will be described. There will be a particular emphasis on models of traffic behaviour and public transport operation.

Distribution and Scheduling: applications of scientific techniques to the practical problems of siting, routing, scheduling and control. Graph Theory: fundamental concepts in graph theory, planar and dual graphs, maximum-minimum problems in networks.

Pre-Requisites: a knowledge of mathematics and statistics to the level of the courses Elementary Mathematics Methods and Elementary Statistical Theory of the Part I examination of the B.Sc. (Econ.). An elementary knowledge of basic O.R. techniques and economic concepts is essential.

Teaching Arrangements: There are six lecture courses as follows: SM356 **Graph Theory**. (Professor A. Land, Room S114). This course of ten lectures or classes runs throughout the Michaelmas term. Very full lecture notes are provided and these cover the above syllabus. Approximately every two lectures a problem set is given out to be discussed in a following class. The class teacher is Professor A. Land. SM379 **Introduction to Operational Research in Transport**. (Dr. S. Powell and Professor A. D. J. Flowerdew, Room S105b). This course follows the above syllabus in five lectures in the Michaelmas Term.

Ec150 **Transport Economics Treated Mathematically**. (Dr. S. Glaister, Room S587). This course follows the above syllabus in a series of ten lectures during the Lent Term.

SM373 **Distribution and Scheduling**. (Dr. S. Powell, Room S105b). This course follows the above syllabus in five lectures in the Lent term. Full lecture notes are given with a set of questions. Full answers to the questions are given after they have been attempted. SM375 **Cost Benefit Analysis**. (Professor A. D. J. Flowerdew, Room S105b). The above syllabus is covered in five lectures in the Lent Term.

SM376 **Valuation of Intangibles**. (Professor Flowerdew, Room S105b). The above syllabus is covered in five lectures in the Lent Term.

Reading List: No one book covers the entire syllabus. Students are recommended to read the following: S. Glaister, *Fundamentals of Transport Economics*, Basil Blackwell; I. Heggie, *Transport Engineering Economics*, McGraw-Hill; D. R. Cox & W. L. Smith, *Queues*; A. A. Walters & D. L. Munby, *Readings in the Economics of Transport*; W. J. Baumol & D. F. Bradford, *American Economic Review*; T. A. Domencich & D. McFadden, *Urban Travel Demand*; S. Eilon, C. D. T. Watson-Gandy & N. Christofides, *Distribution Management*; J. A. Bondy & U. S. R. Murty, *Graph Theory with Applications*; R. Layard (Ed.), *Cost Benefit Analysis*, Penguin Books 1972; P. Dasgupta, A. Sen & S. Marglin, *Guidelines for Project Evaluation*, U.N.; I. M. D.

Little & J. A. Mirrlees, *Project Appraisal, and Planning for Developing Countries*; D. W. Pearce (Ed.), *The Valuation of Social Cost*, Allen and Unwin 1972.

Examination Arrangements: There is a three hour formal examination in the Summer Term based on the full syllabus. The examination paper is made up of three sections each containing three questions. Students are expected to answer four questions only and no more than two questions from any one section. It is important to answer four questions: no credit is given for a fifth answer, and one quarter of the marks are awarded for each of the four answers. On the other hand it is not necessary to answer fully all parts of a question to obtain a "better than bare pass" mark on it. Copies of previous year's papers are available. The three sections on the examination paper are made up of the following questions: Section A: two questions on Distribution and Scheduling, one question on Graph Theory, one question on Introduction to Operational Research in Transport. Section B: three questions on Transport Economics Treated Mathematically. Section C: three questions on Valuation of Intangibles and Cost Benefit Analysis.

SM8357

Urban Models

Teacher Responsible: Jonathan Rosenhead, Room S113 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. (Operational Research) for which this constitutes a half-unit paper. Some elements also relevant to M.Sc. (Regional and Urban Planning Studies).

Scope: The course is intended to give an introduction to the potential and limitations of formal modelling for urban planning. Specific techniques, both 'hard' and 'soft', from operational research are described. In addition an introduction is given both to issues in urbanisation and urban policy, and to relevant aspects of economics.

Syllabus: Planning and design methods: the debates on planning theory, and on design methods, with special attention to the limitations of holistic methods; creativity versus quantitative methods; Alexander's method, the strategic choice approach (AIDA) and robustness analysis as methods which transcend some of the obstacles. The presentations will attempt to be provocative rather than definitive, and discussion will be encouraged. Lecture notes are provided for

the more formal subject matter.

Land use models: simulation and optimisation models for the allocation of activities to land.

Facility location: mathematical models, mostly optimising, for the location of one or more facilities in 1 or 2-dimensional space; application to the location of warehouses, emergency services and health facilities, and to electoral redistricting.

Contemporary urbanisation and the policy process: material contributed by the Department of Geography.

Elements of urban and regional economics (first 3 sessions): industrial and residential location decisions; the determination of urban rents and land values; the structure of the urban area; the urban labour market. **Cost-benefit analysis:** as applied welfare economics and as a methodology for aiding decision-making in the public sector. Methods of valuing costs and benefits, social discounting and inter-personal comparison. Examples.

Teaching Arrangements: There are six lecture courses as follows: Lectures SM367 10 Lent Term, SM378 55 Michaelmas Term, SM372 5 Lent Term, SM383 5 Lent Term, Ec400 3 x 1½ hours, Michaelmas Term, SM375 5 Lent Term.

Reading List: No one book covers the entire syllabus, even for one of the component courses. Students are advised to purchase: A. Faludi (Ed.), *Reader in Planning Theory*, Pergamon; J. K. Friend & W. N. Jessop, *Local Government and Strategic Choice*, Pergamon; R. Layard (Ed.), *Cost Benefit Analysis*. Students will find it useful to consult: C. Alexander, *Notes on the Synthesis of Form*, Harvard University Press; M. Batty, *Urban Modelling*, Cambridge University Press; E. J. Beltrami, *Models for Public Systems Analysis*, Academic Press; M. M. Camhis, *Planning Theory and Philosophy*, Tavistock; P. Dasgupta, A. Sen, & S. Marglin, *Guidelines for Project Evaluation*; B. Fay, *Social Theory and Political Practice*, Allen & Unwin; M. Greenberger, M. A. Crenson & B. L. Crissey, *Models in the Policy Process*, Russell Sage; A. J. Harrison, *Economics of Land Use Planning*; C. Lee, *Models in Planning*, Pergamon; I. M. D. Little & J. A. Mirrless, *Project Appraisal and Planning for Developing Countries*; I. S. Lowry, *A Model of Metropolis*, Rand; B. Massam, *Location and Space in Social Administration*, Arnold; C. E. Pinkus & A. Dixon, *Solving Local Government Problems*, Allen and Unwin; A. Sandberg, *The Limits to Democratic Planning*, Liberforlag; A. J. Scott, *The Urban Land Nexus and the State*, Pion.

Examination Arrangements: There is a three-

hour formal examination in the Summer Term. There will be questions relating to the material in each lecture course, but the precise breakdown has still to be decided. The questions are of essay type and do not require the development of mathematical proofs etc. Candidates are told to answer three questions.

SM8358

Workshop on Urban and Transport Models

Teacher Responsible: Dr. S. Powell, Room S105b (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. (Operational Research).

Scope: A practical course in quantitative model-building which includes an explanatory lecture course.

Syllabus: Traffic generation, distribution, modal split and assignment models; models combining these. Evaluation of transport projects.

Pre-Requisites: A knowledge of mathematics and statistics to the level of courses Elementary Mathematical Methods and Elementary Statistical Theory of the Part I examination of the B.Sc. (Econ.). An elementary knowledge of basic O.R. techniques and economic concepts is essential.

Teaching Arrangements:

SM371: The course starts in the sixth week of the Michaelmas Term and comprises five 2-hour sessions followed by ten 1½ hour sessions in the Lent Term. The Michaelmas Term consists entirely of lectures. The practical sessions based on projects undertaken by the students will be in the Lent Term. Lecture notes and introductory reading lists are provided. There will be an opportunity to meet O.R. practitioners in various urban and transport applications. During the workshop students will be expected to make two class presentations, one at the formulation stage of their project and the second at its completion. Tutorials will be given to individuals or groups of students to assist them in their project work.

Reading List: No one book covers the entire syllabus. Students are recommended to read the following: I. Heggie, *Transport Engineering Economics*, McGraw-Hill; R. Lane, T. J. Powell & P. Prestwood-Smith, *Analytical Transport Planning*, Duckworth; P. R. Stopher & A. H. Meyburg, *Urban*

Transportation Modelling and Planning.

Examination Arrangements: All of the assessment of the course is based on the project, which is started towards the end of

the Michaelmas term for completion by the start of the Summer Term. The project is marked on presentation as well as content.

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 Halliday, Mr. F.: IR4663, IR4700.
 Hall Williams, Professor J. E.: LL5040, LL5113, LL5170, LL5171, LL6121, LL6122, LL6124, LL6126.
 Hamilton, Dr. F. E. I.: Gy1877, Gy1886, Gy1920, Gy2821.
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Hill, Dr. C. J.: IR105, IR107, IR123, IR185, IR3702, IR3781, IR4610.

Hill, Dr. S. R.: Id4202, Id4221, So5917.

Himmelweit, Professor H. T.: Ps120, Ps5502, Ps5514, Ps6410.

Hindley, Dr. B. V.: Ec2426, Ec2590.

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Hirschheim, Mr. R. A.: SM7320, SM7322, SM8302, SM8304.

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Hoggart, Mr. K.: Gy1919, Gy1922.

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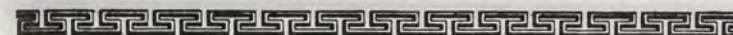
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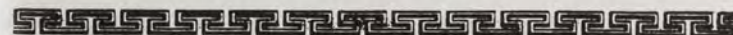
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