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# The London School of Economics and Political Science



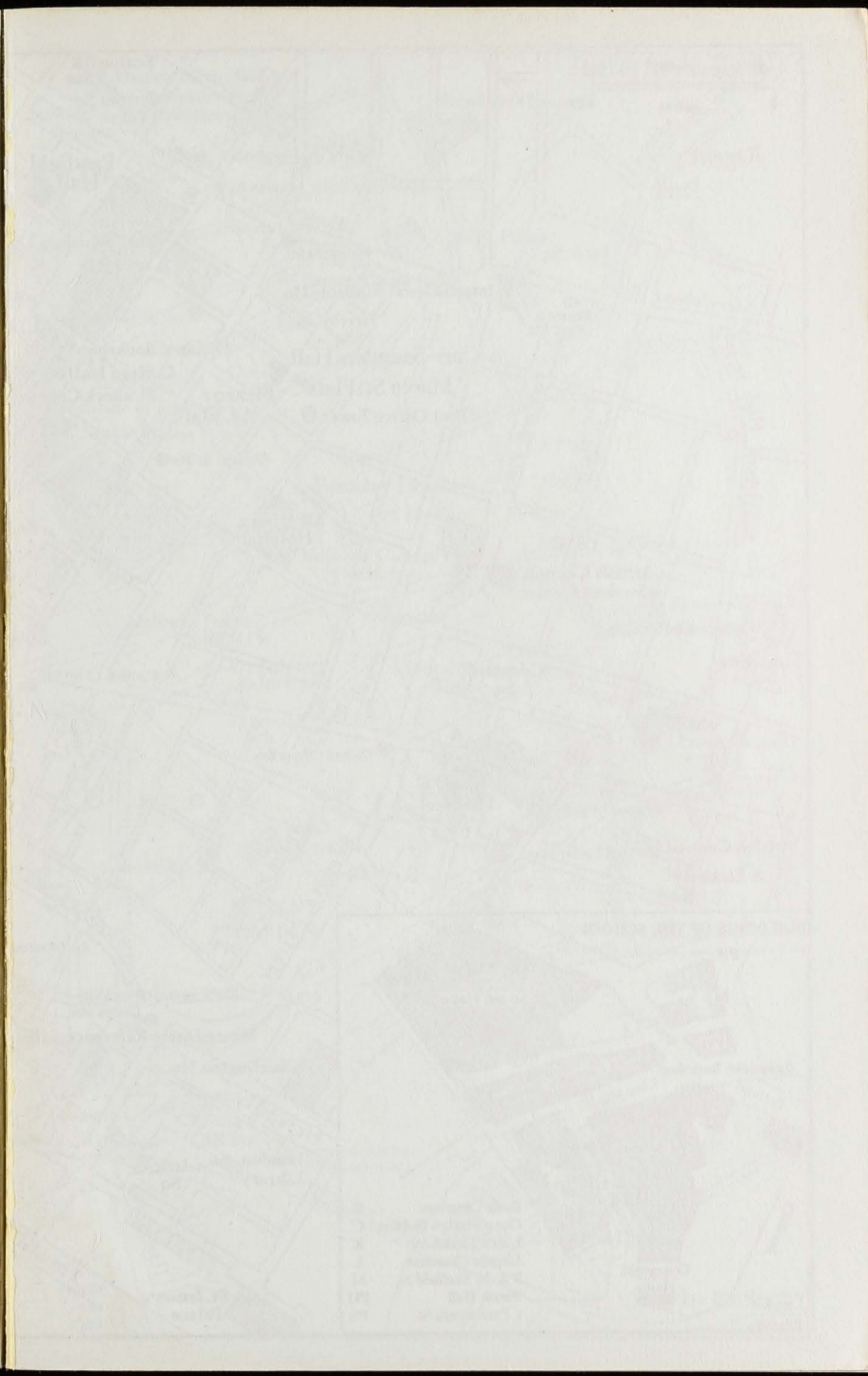
Calendar 1977-78

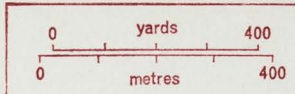
THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE

Calendar 1977-78

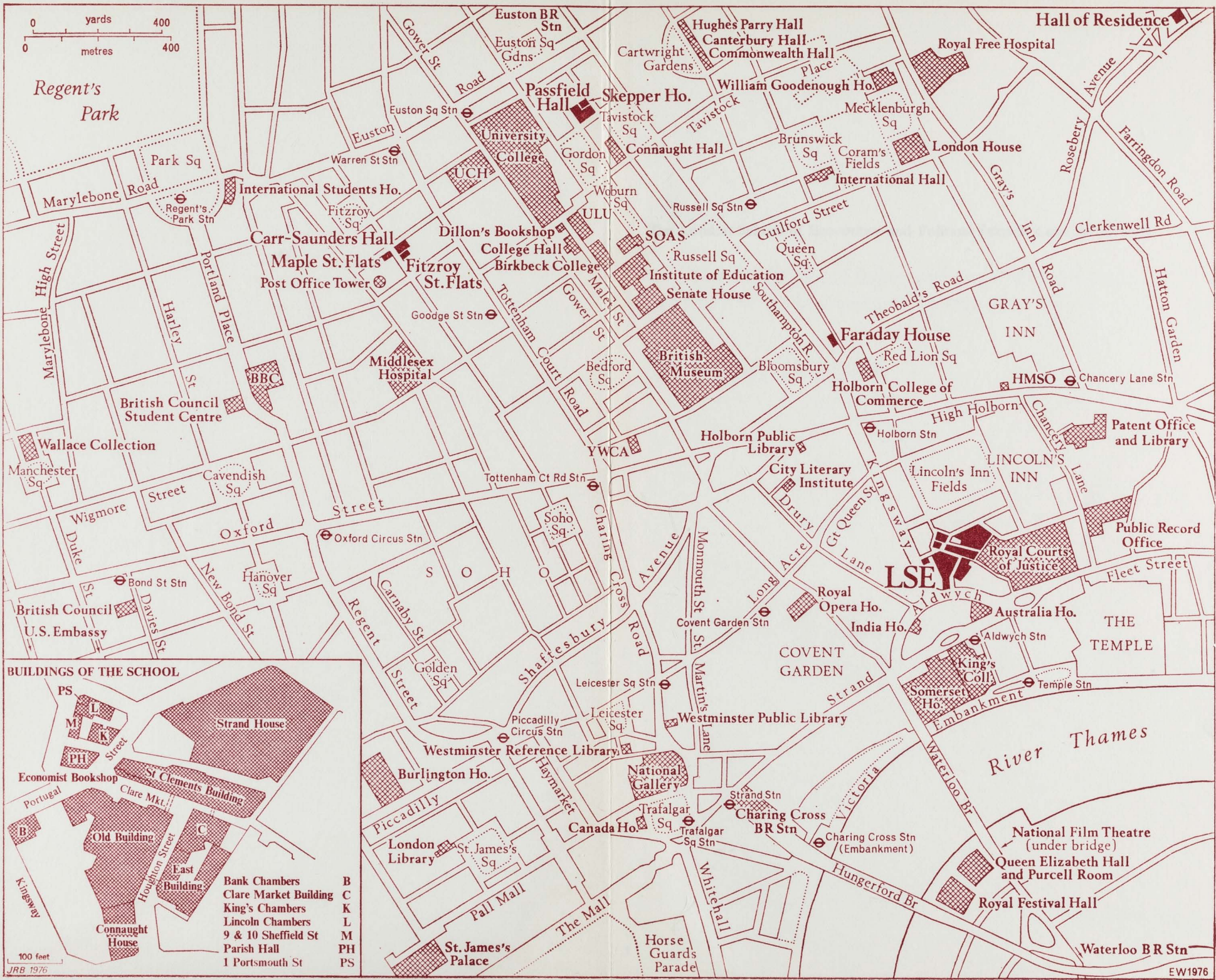
LSE/UNREGISTERED

27/5/10





Regent's Park



**BUILDINGS OF THE SCHOOL**

Legend for school buildings:

- B Bank Chambers
- C Clare Market Building
- K King's Chambers
- L Lincoln Chambers
- M 9 & 10 Sheffield St
- PH Parish Hall
- PS 1 Portsmouth St

100 feet  
JRB 1976



The London School of Economics and Political Science *Calendar 1977-78*

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

**Calendar 1977-78**

*[Faint, illegible text, likely a list of contents or a preface, including phrases like 'Introduction', 'The School', 'The University of London', and 'The Calendar']*

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

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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

**Office Hours for Enquiries:**

*Registry* (Room H310) *Examinations Office* (Room H305) and *Timetabling Office* (Room H306)

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

Wednesday: 10.30 a.m. to 12.30 p.m.

*Undergraduate Admissions Office* (Room H301)

Monday to Friday: 2.0 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.  
2.0 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: 2.0 p.m. to 4.30 p.m.

**Official Publications:**

Calendar of the School, obtainable from The Economists' Bookshop, Clare Market, Portugal Street, London, WC2A 2AB, £3.50 plus postage

Annual Report by the Director on the Work of the School

Handbook of Undergraduate Courses

The Graduate School

General Course Registration

Department of Anthropology

Department of Statistics, Computing, Demography, Mathematics and Operational Research

Diploma in Social Planning in Developing Countries

Department of Social Science and Administration

Diploma in Personnel Management

Trade Union Studies

Graduate Studies in Politics

Graduate Studies in Social Psychology

Graduate Studies in Industrial Relations

Department of International Relations (Higher Degrees in International Relations)

All the above publications are issued free, except the Calendar of the School.

## Dates of Terms

### Session 1977-78

**Michaelmas Term:** Monday, 3 October 1977 to Tuesday, 13 December 1977  
(Teaching begins Wednesday, 5 October 1977)

**Lent Term:** Monday, 9 January 1978 to Friday, 17 March 1978

**Summer Term:** Monday, 24 April 1978 to Friday, 30 June 1978

### Session 1978-79

**Michaelmas Term:** Monday, 2 October 1978 to Tuesday, 12 December 1978  
(Teaching begins Wednesday, 4 October 1978)

**Lent Term:** Monday, 8 January 1979 to Friday, 16 March 1979

**Summer Term:** Monday, 23 April 1979 to Friday, 29 June 1979

All the above publications are issued free, except the Calendar of the School.

## Calendar 1977-78

(University functions in Italics)

### September 1977

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



1	S	
2	S	
3	M	<b>School Michaelmas Term begins</b>
4	Tu	Standing Committee, 5.15 p.m.
5	W	<i>University Michaelmas Term begins.</i> Standing Sub-Committee of the Appointments Committee, 2 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. <i>Higher Degrees Sub-Committee of the Board of Studies in Economics</i> , 4 p.m. Research Committee, 4.30 p.m.
6	Th	Athletics Committee, 4 p.m.
7	F	Inter-Halls Committee
8	S	
9	S	
10	M	Meeting of Professors of Economics, 2 p.m. Building Committee, 5.30 p.m.
11	Tu	Publications Committee, 11 a.m.
12	W	General Purposes Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
13	Th	Safety Committee, 4 p.m. External Relations Committee, 5 p.m.
14	F	
15	S	
16	S	
17	M	
18	Tu	
19	W	Academic Policy Committee, 2 p.m.
20	Th	Committee on Accommodation, 2 p.m. Directors Reception for Academic Staff, 8 p.m.
21	F	
22	S	
23	S	
24	M	
25	Tu	Admissions Committee, 10 a.m.
26	W	Appointments Committee, 2 p.m. Library Committee, 4.30 p.m.
27	Th	
28	F	Committee of Management of the Eileen Power Memorial Trust Fund, 11.30 a.m.
29	S	
30	S	
31	M	

1	Tu	Standing Committee, 5.15 p.m.
2	W	Academic Board, 2 p.m.
3	Th	
4	F	
5	S	
6	S	
7	M	Meeting of Professors of Economics, 2 p.m. Student Health Service Committee, 4.15 p.m. Building Committee, 5.30 p.m.
8	Tu	Directors Reception for Academic Staff, 8 p.m.
9	W	Standing Sub-Committee of the Appointments Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
10	Th	
11	F	Committee on the Welfare of Overseas Students, 2 p.m.
12	S	
13	S	
14	M	Staff Research Fund Committee, 2 p.m. Catering Services Advisory Committee, 3 p.m.
15	Tu	
16	W	Scholarships and Prizes Committee, 11 a.m. Conference Grants Sub-Committee, 12 noon. General Purposes Committee, 2 p.m.
17	Th	
18	F	
19	S	
20	S	
21	M	
22	Tu	Joint Meeting of Standing Committee and Student Governors, 5.15 p.m.
23	W	Appointments Committee, 2 p.m.
24	Th	External Relations Committee, 5 p.m.
25	F	Inter-Halls Committee
26	S	
27	S	
28	M	
29	Tu	Admissions Committee, 10 a.m.
30	W	Academic Policy Committee, 2 p.m. Graduate School Committee, 4.30 p.m. Library Committee, 4.30 p.m.

1	Th	
2	F	
3	S	
4	S	
5	M	Meeting of Professors of Economics, 2 p.m. Building Committee, 5.30 p.m. Standing Committee, 5.15 p.m.
6	Tu	Publications Committee, 11 a.m.
7	W	Academic Board, 2 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. <i>Higher Degrees Sub-Committee of the Board of Studies in Economics</i> , 4 p.m. Research Committee, 4.30 p.m.
8	Th	Committee on Accommodation, 2 p.m.
9	F	
10	S	
11	S	
12	M	
13	Tu	School Michaelmas Term ends. Sub-Committee on Computing, 10.30 a.m.
14	W	<i>University Michaelmas Term ends.</i>
15	Th	Meeting of the Court of Governors, 5 p.m.
16	F	
17	S	
18	S	
19	M	
20	Tu	
21	W	
22	Th	
23	F	School buildings close for Christmas holiday, 9.30 p.m.
24	S	
25	S	
26	M	
27	Tu	
28	W	
29	Th	
30	F	
31	S	

1	S	New Year's Day
2	M	Public Holiday
3	Tu	School buildings re-open, 9.30 a.m.
4	W	
5	Th	
6	F	
7	S	
8	S	
9	M	School Lent Term begins
10	Tu	Admissions Committee, 10 a.m. Standing Committee, 5.15 p.m.
11	W	<i>University Lent Term begins.</i> Standing Sub-Committee of the Appointments Committee, 2 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. <i>Higher Degrees Sub-Committee of the Board of Studies in Economics</i> , 4 p.m. Research Committee, 4.30 p.m.
12	Th	Athletics Committee, 4 p.m.
13	F	
14	S	
15	S	
16	M	Meeting of Professors of Economics, 2 p.m. Student Health Service Committee, 4.15 p.m.
17	Tu	
18	W	Conference Grants Sub-Committee, 12 noon. General Purposes Committee, 2 p.m. Library Committee, 4.30 p.m. Graduands' Reception, 6.30 p.m.
19	Th	<i>Presentation Day.</i> Committee on Accommodation, 2 p.m. Athletics Committee, 4 p.m. External Relations Committee, 5 p.m.
20	F	Inter-Halls Committee
21	S	
22	S	
23	M	
24	Tu	
25	W	Appointments Committee, 2 p.m.
26	Th	Safety Committee, 4 p.m.
27	F	
28	S	
29	S	
30	M	
31	Tu	

1	W	Academic Policy Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
2	Th	
3	F	
4	S	
5	S	
6	M	Building Committee, 5.30 p.m.
7	Tu	Standing Committee, 5.15 p.m.
8	W	Standing Sub-Committee of the Appointments Committee, 2 p.m.
9	Th	
10	F	Committee on the Welfare of Overseas Students, 2 p.m.
11	S	
12	S	
13	M	Meeting of Professors of Economics, 2 p.m. Catering Services Advisory Committee, 3 p.m.
14	Tu	Admissions Committee, 10 a.m. Investments Committee, 5 p.m.
15	W	Standing Sub-Committee of the Appointments Committee (all day). Scholarships and Prizes Committee, 11 a.m. Library Committee, 4.30 p.m.
16	Th	
17	F	
18	S	
19	S	
20	M	Staff Research Fund Committee, 2 p.m.
21	Tu	Publications Committee, 11 a.m.
22	W	Academic Board, 2 p.m.
23	Th	
24	F	
25	S	
26	S	
27	M	
28	Tu	Joint Meeting of Standing Committee and Student Governors, 5.15 p.m.

1	W	General Purposes Committee, 2 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. <i>Higher Degrees Sub-Committee of the Board of Studies in Economics</i> , 4 p.m. Academic Policy Committee, 4.30 p.m.
2	Th	Athletics Committee, 4 p.m. External Relations Committee, 5 p.m.
3	F	Inter-Halls Committee
4	S	
5	S	
6	M	Building Committee, 5.30 p.m.
7	Tu	Standing Committee, 5.15 p.m. Graduands' Reception, 6.30 p.m.
8	W	<i>Presentation Day</i> . Conference Grants Sub-Committee, 12 noon. Appointments Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
9	Th	
10	F	
11	S	
12	S	
13	M	Meeting of Professors of Economics, 2 p.m.
14	Tu	
15	W	Academic Board, 2 p.m. Research Committee, 4.30 p.m.
16	Th	Committee on Accommodation, 2 p.m.
17	F	<b>School Lent Term ends</b>
18	S	
19	S	
20	M	
21	Tu	Meeting of the Court of Governors, 5 p.m.
22	W	<i>University Lent Term ends</i> . School buildings close for Easter Holiday, 9.30 p.m.
23	Th	
24	F	
25	S	
26	S	Easter Sunday
27	M	
28	Tu	
29	W	
30	Th	School buildings re-open, 9.30 a.m.
31	F	

1	S	
2	S	
3	M	
4	Tu	Admissions Committee, 10 a.m.
5	W	
6	Th	
7	F	
8	S	
9	S	
10	M	
11	Tu	
12	W	
13	Th	
14	F	
15	S	
16	S	
17	M	
18	Tu	
19	W	
20	Th	
21	F	
22	S	
23	S	
24	M	<b>School Summer Term begins</b>
25	Tu	Sub-Committee on Computing, 10.30 a.m.
26	W	<i>University Summer Term begins.</i> Standing Sub-Committee of the Appointments Committee, 2 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. <i>Higher Degrees Sub-Committee of the Board of Studies in Economics</i> , 4 p.m. Library Committee, 4.30 p.m.
27	Th	Safety Committee, 4 p.m.
28	F	
29	S	
30	S	

1	M	May Day Public Holiday
2	Tu	Standing Committee, 5.15 p.m.
3	W	General Purposes Committee, 2 p.m. Research Committee, 4.30 p.m.
4	Th	Committee on Accommodation, 2 p.m. External Relations Committee, 5 p.m.
5	F	Inter-Halls Committee
6	S	
7	S	
8	M	Meeting of Professors of Economics, 2 p.m. Catering Services Advisory Committee, 3 p.m. Building Committee, 5.30 p.m.
9	Tu	Admissions Committee, 10 a.m. Graduands' Reception, 6.30 p.m.
10	W	<i>Presentation Day.</i> Academic Policy Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
11	Th	Athletics Committee, 4 p.m.
12	F	Committee on the Welfare of Overseas Students, 2 p.m.
13	S	
14	S	Whit Sunday
15	M	Staff Research Fund Committee, 2 p.m. Student Health Service Committee, 4.15 p.m.
16	Tu	
17	W	Scholarships and Prizes Committee, 11 a.m. Appointments Committee, 2 p.m.
18	Th	
19	F	
20	S	
21	S	
22	M	
23	Tu	
24	W	Academic Board, 2 p.m.
25	Th	
26	F	
27	S	
28	S	
29	M	Spring Bank Holiday
30	Tu	Publications Committee, 11 a.m.
31	W	Standing Sub-Committee of the Appointments Committee, 2 p.m. Library Committee, 4.30 p.m.

1	Th	
2	F	
3	S	Open Day
4	S	
5	M	Meeting of Professors of Economics, 2 p.m. Building Committee, 5.30 p.m.
6	Tu	Standing Committee, 5.15 p.m.
7	W	Conference Grants Sub-Committee, 12 noon. General Purposes Committee, 2 p.m. Board of Studies in Economics, 2.30 p.m. Higher Degrees Sub-Committee of the Board of Studies in Economics, 4 p.m. Research Committee, 4.30 p.m. Athletics Committee, 4 p.m.
8	Th	
9	F	
10	S	
11	S	
12	M	
13	Tu	Investments Committee, 5 p.m.
14	W	Appointments Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
15	Th	
16	F	
17	S	
18	S	
19	M	
20	Tu	
21	W	Academic Policy Committee, 2 p.m.
22	Th	Committee on Accommodation, 2 p.m.
23	F	
24	S	
25	S	
26	M	Meeting of Professors of Economics, 2 p.m.
27	Tu	
28	W	Academic Board, 2 p.m.
29	Th	External Relations Committee, 3 p.m.
30	F	School Summer Term ends

1	S	
2	S	
3	M	Building Committee, 5.30 p.m.
4	Tu	Standing Committee, 5.15 p.m.
5	W	University Summer Term ends
6	Th	Meeting of the Court of Governors, 5 p.m.
7	F	
8	S	
9	S	
10	M	
11	Tu	
12	W	
13	Th	
14	F	
15	S	
16	S	
17	M	
18	Tu	
19	W	
20	Th	
21	F	
22	S	
23	S	
24	M	
25	Tu	
26	W	
27	Th	
28	F	
29	S	
30	S	
31	M	

## The Court of Governors

### Chairman:

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

### Vice-Chairman:

J. M. Gullick, M.A.

### Secretary to the Court of Governors:

The Director: Professor R. G. Dahrendorf, DR. PHIL. (HAMBURG), PH.D., D.LITT., LITT.D., D.H.L., LL.D., D.SC., DR.UNIV., M.R.I.A., F.B.A.

W. M. Allen, B.SC.ECON., M.A.

<sup>1</sup>R. A. Balfé, B.SC.SOC.

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

Mrs. June Wedgwood Benn, M.A.

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

Baroness Birk, B.SC.ECON., J.P.

Sir James Blair-Cunynghame, O.B.E., LL.D., D.SC.

<sup>2</sup>G. H. Bolsover, C.B.E., M.A., PH.D.

G. C. Brunton, B.SC.ECON.

Sir Anthony Burney, O.B.E., B.A., F.C.A.

Sir Sydney Caine, K.C.M.G., B.SC.ECON., LL.D.

Sir Alexander Cairncross, K.C.M.G., M.A., PH.D., LL.D., D.LITT., D.SC.ECON., F.B.A.

The Hon. M. R. Bonham Carter, B.A.

Sir Paul Chambers, K.B.E., C.B., C.I.E., B.COM., M.SC.ECON., D.SC., LL.D., D.TECH.

<sup>1</sup>D. P. Chesworth

<sup>4</sup>J. Cruse, B.SC.ECON.

<sup>4</sup>A. C. L. Day, B.A.

The Right Hon. The Earl of Drogheda, K.G., K.B.E.

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

A. F. Earle, B.SC.ECON., PH.D.

L. Farrer-Brown, C.B.E., B.SC.ECON., LL.D., D.SC., F.D.S.R.C.S., J.P.

<sup>3</sup>B. Fell

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<sup>1</sup>R. J. M. Freeman, B.SC.ECON., F.C.I.S., J.P.

A. C. Gilmour

Miss Mary Goldring, B.A.

Dame Mary Green, D.B.E., B.A.

<sup>5</sup>R. J. Hacon, B.SC.ECON.

The Right Hon. The Earl of Halsbury, B.SC., D.TECH., D.UNIV. ESSEX, F.I.C.E., F.R.S.

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

R. T. Higgins, B.SC.SOC.

The Right Hon. Lord Hirschfield, F.C.A.

Sir Alan Hitchman, K.C.B., B.A.

H. V. Hodson, M.A.

Bernard Hollowood, M.SC.ECON., M.A., F.R.S.A.

J. K. Horsefield, C.B., M.A., D.SC.

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

The Right Hon. A. Jones, P.C., B.SC.ECON., D.SC.

<sup>3</sup>D. Khan

D. J. Kingsley, B.SC.ECON.

R. J. Kirton, C.B.E., M.A., F.I.A.

Sir Arthur Knight, B.COM.

A. P. Lester, B.A., LL.M., Q.C.

The Right Hon. H. Lever, P.C., LL.B., M.P.

<sup>4</sup>D. G. MacRae, M.A.

Mrs. Nell McGregor, B.A., J.P.

Sir George Maddex, K.B.E., F.I.A., F.S.A.

<sup>4</sup>D. A. Martin, B.SC.SOC., PH.D.

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<sup>2</sup>Sir Harry Melville, K.C.B., PH.D., LL.D., D.SC., D.C.L., D.TECH., F.R.I.C., F.R.S.

<sup>3</sup>J. B. Mitchell, B.SC.

The Right Hon. Lord Molson, M.A.

J. A. L. Morgan, B.SC.ECON.

<sup>1</sup>Eva Morris, B.SC.ECON., J.P.

Sir Claus Moser, K.C.B., C.B.E., B.SC.ECON., F.B.A.

The Right Hon. L. Murray, P.C., O.B.E., B.A.

<sup>2</sup>Professor A. A. Nevitt, B.SC.ECON.

P. G. Palumbo, M.A.

<sup>3</sup>John Parker, C.B.E., M.A., M.P.

Sir Antony Part, G.C.B., M.B.E., B.A., D.SC., D.TECH., F.B.I.M.

Mrs. C. M. Patterson, O.B.E., B.A., D.SC.

<sup>3</sup>The Right Hon. Lord Ponsonby of Shulbrede

Sir Richard Powell, G.C.B., K.B.E., C.M.G., M.A.

V. Raitz, B.SC.ECON.

Sir Paul Reilly, M.A., F.S.I.A., F.R.I.B.A.

The Right Hon. Lord Robbins,

C.H., C.B., B.SC.ECON., M.A.,

D.SC.ECON., D.LITT., L.H.D., LL.D.,

DR. LAWS, DR. UNIV. YORK.,

DR. R.C.A., DR. C.I.E.N.C., F.B.A.

The Right Hon. Lord Robens, P.C., LL.D., D.C.L., F.I.O.B., F.R.C.R.

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 Mrs. J. A. Rees

SCHOLARSHIPS AND PRIZES COMMITTEE

The Director  
 The Pro-Director  
 The Chairman of the Admissions Committee (Dr. R. C. Estall)  
 The Deputy Chairman of the Admissions Committee (Mr. A. J. Beattie) } *ex officio*  
 Dr. R. R. Orr (Chairman)  
 Dr. R. J. Bullen (Vice-Chairman)  
 Mrs. E. V. Barker  
 Mr. J. R. Drewett  
 Mr. T. C. Hartley  
 Dr. D. F. Hendry  
 Dr. M. Leifer  
 Dr. T. J. Nossiter  
 Mr. H. B. Rees

COMMITTEE ON THE STUDENT HEALTH SERVICE

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 The Pro-Director } *ex officio*  
 Dr. L. H. Leigh (Chairman)  
 Mrs. M. G. W. Hardiman  
 Mr. C. J. Hill  
 Dr. A. B. Polonsky  
 Four student members

COMMITTEE ON UNDERGRADUATE STUDIES

The Director  
 The Pro-Director  
 The Dean of Undergraduate Studies (Mr. G. A. Grün) (Chairman)  
 The Academic Affairs Officer of the Students' Union (Ms. S. Ser) } *ex officio*  
 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" if any.

STANDING SUB-COMMITTEE OF THE APPOINTMENTS COMMITTEE

The Director  
 The Pro-Director  
 The Vice-Chairman of the Appointments Committee (Professor A. Stuart) } *ex officio*  
 Professor M. S. Anderson  
 Professor I. Brownlie  
 Professor A. S. Douglas  
 Professor Hilde T. Himmelweit  
 Professor Adela A. Nevitt  
 Professor J. D. Sargan  
 Professor P. J. O. Self  
 Professor J. W. N. Watkins

RESEARCH COMMITTEE

The Director  
 The Pro-Director  
 The Librarian } *ex officio*  
 Professor T. C. Barker  
 Professor Hilde T. Himmelweit  
 Dr. A. H. Land  
 Professor W. Letwin  
 Dr. A. B. Polonsky  
 Professor T. Scitovsky  
 Mr. K. E. Thurley  
 Dr. J. C. Woodburn  
 Professor M. Zander

Committees Advisory to the Director

ACADEMIC POLICY COMMITTEE

The Director  
 The Pro-Director  
 The Chairman of the Graduate School Committee (Professor M. J. Wise)  
 The Dean of Undergraduate Studies (Mr. G. A. Grün)  
 The Librarian  
 The Vice-Chairman of the Academic Board (Professor A. H. John) } *ex officio*  
 Miss J. M. Aitchison  
 Mr. M. C. Burrage  
 Mr. M. D. Donelan  
 Professor A. S. Douglas  
 Dr. José F. Harris  
 Dr. D. F. Hendry  
 Dr. S. R. Hill  
 Mr. R. Holmes  
 Mr. C. Howson  
 Mr. I. G. F. Karsten  
 Professor E. Kedourie  
 Professor Adela A. Nevitt

Dr. Celia M. Phillips  
 Mr. J. Potter  
 Mrs. J. A. Rees  
 Dr. S. A. Roberts  
 Dr. A. F. Shorrocks  
 Dr. G. R. Smith  
 Mr. M. D. Steuer  
 Mr. K. E. Thurley  
 Mr. P. L. Watson  
 (vacancy)

ACADEMIC STUDIES SUB-COMMITTEE OF THE ACADEMIC POLICY COMMITTEE

The Pro-Director  
 The Dean of Undergraduate Studies (Mr. G. A. Grün) } *ex officio*  
 Professor A. S. Douglas  
 Dr. S. R. Hill  
 Mr. R. Holmes  
 Mr. I. G. F. Karsten  
 Mrs. J. A. Rees  
 Dr. G. R. Smith  
 Mr. M. D. Steuer

COMPUTING SUB-COMMITTEE OF THE ACADEMIC POLICY COMMITTEE

The Director  
 The Pro-Director (Chairman)  
 The Chairman of the Computer Services Users' Committee (to be elected) } *ex officio*  
 Mr. A. J. Beattie  
 Mr. M. I. A. Bulmer  
 Professor A. S. Douglas  
 Dr. G. D. Gaskell  
 Dr. D. F. Hendry  
 Mr. J. M. Jacob  
 Dr. B. S. Johnson  
 Mr. F. F. Land  
 Dr. J. B. Thornes  
 Dr. S. J. Waters

SUB-COMMITTEE OF THE ACADEMIC POLICY COMMITTEE ON OVERSEAS ACADEMIC RELATIONS

The Director  
 The Pro-Director } *ex officio*  
 The Librarian  
 Professor J. B. Joll (Chairman)  
 Professor A. S. Douglas  
 Professor C. Grunfeld  
 Professor G. L. Goodwin  
 Dr. Joanna O. Kaplan  
 Professor D. G. MacRae  
 Mr. E. A. Roberts  
 Dr. G. R. Smith  
 Mr. M. D. Steuer

Dr. H. Tint  
 Professor P. J. de la F. Wiles  
 The Chairman of the Graduate School Committee (Professor M. J. Wise)  
 The Senior Tutor to General Course Students (Mr. J. Potter)

SUB-COMMITTEE OF THE ACADEMIC POLICY COMMITTEE ON THE QUINQUENNIAL GRANT

The Director  
 The Pro-Director } *ex officio*  
 Mr. M. C. Burrage  
 Professor A. S. Douglas  
 Professor E. Kedourie  
 Mr. J. Potter  
 Professor Adela A. Nevitt  
 Dr. S. A. Roberts  
 Mr. M. D. Steuer  
 Mr. K. Thurley

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  
 Dr. J. L. Bell  
 Professor K. Bourne  
 Dr. C. J. Crouch  
 Mr. P. F. Dawson  
 Professor H. C. Edey  
 Mr. M. E. Falkus  
 Dr. K. E. M. George  
 Mr. G. A. Grün  
 Mr. A. D. Jones  
 Mrs. J. Kerrigan  
 Mr. K. Klappholz  
 Dr. M. Leifer  
 Dr. P. H. Levin  
 Dr. P. Loizos  
 Mr. K. R. Minogue  
 Dr. A. B. Polonsky  
 Mr. J. Potter  
 Mr. P. G. Taylor  
 Mr. J. J. Thomas  
 Mr. E. Thorp  
 Dr. D. G. Valentine

ATHLETICS COMMITTEE

Dr. R. C. Estall (Chairman)  
 Mr. M. E. Falkus (Vice-Chairman)  
 The Pro-Director  
 Mr. J. W. Carrier  
 Mr. C. A. O'Muirheartaigh } *nominated by the Academic Board*

Mr. K. R. Minogue (*representing the Senior Common Room*)  
 Two representatives of the L.S.E. Society  
 The President of the Athletic Union  
 Four members nominated from time to time by the Executive Committee of the Athletic Union

EQUIPMENT COMMITTEE  
 The Pro-Director (Chairman)  
 The Vice-Chairman of the Academic Board (Professor A. H. John)  
 Mrs. B. R. Scharf

INTER-HALLS COMMITTEE  
 The Director  
 The Pro-Director  
 The Warden of Carr-Saunders Hall  
 The Warden of Passfield Hall  
 The Warden of Rosebery Avenue Hall  
 The Academic Resident of Fitzroy Street Flats  
 The Academic Resident of Maple Street Flats  
 Four student representatives resident in the Carr-Saunders complex and comprising two students resident in Hall and one resident in each block of flats  
 Two student representatives resident in Passfield Hall of Residence and elected by the Hall Society  
 Two student representatives resident in Rosebery Avenue Hall of Residence and elected by the Hall Society

} *ex officio*

CATERING SERVICES ADVISORY COMMITTEE  
 The Director  
 The Pro-Director  
 \_\_\_\_\_ (Chairman)  
 Two representatives of the Senior Common Room  
 Two representatives of the Administrative Staff Common Room of whom one must be a member of the Library Staff  
 Five student members (including the Senior Treasurer of the Students' Union)

SAFETY COMMITTEE  
 Membership of this Committee is being revised in accordance with The Employment Protection Act 1975. A list of members will be circulated to members of the School in the course of the session.

COMMITTEE ON THE WELFARE OF OVERSEAS STUDENTS  
 The Pro-Director  
 The Welfare Officer of the Students' Union Executive  
 Mr. R. Chapman (Chairman)  
 Mrs. M. G. W. Hardiman  
 Dr. J. O. Midgley  
 Dr. I. H. Nish  
 Mr. J. Potter  
 Mr. J. J. Thomas  
 The Chairman of the Union's Committee on Overseas Students' Welfare  
 Mr. A. Desai  
 Mr. D. Khan  
 Mr. A. Oozeer  
 Mr. C. Sclavounis  
 Miss V. Teelok

} *ex officio*

} *nominated by the Students' Union*

## 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 reorganized 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 moved into 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 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 has been gained in terms of actual space as these buildings replace 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. It is intended to adapt the building to rehouse the British Library of Political and Economic Science in a way which will enable scholars, both from the School and beyond, to have full access to the Library's two million items. The accommodation then released in the main building will become available for other purposes including the improvement of general amenities for students.

The School took possession of the building on 31 March 1976 following a successful appeal and conversion work commenced in the late autumn of 1976. It is hoped that this work will be completed in time for the Library to commence operating in Strand House from the beginning of the 1978-79 session.

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 1975-76

For LSE, 1975-76 was a year of exploration, of probing new ideas and possible courses of action. In doing so, the School responded to wider needs as well as immediate problems. Universities may well come to remember 1975-76 as the year of the deceptive lull before the storm broke loose. Ordinarily, there is not much reason for satisfaction if an institution finds it difficult to maintain its income and expenditure in real terms, while most of its members suffer a significant cut in real earnings. In fact, this is what happened in 1975-76. LSE had a recurrent income from grant and fees of £4.2 million in 1974-75 and £5.4 million in 1975-76, an increase of 28% with inflation running at approximately 24%. The grant for 1976-77, which was announced in two instalments in July and September 1976, will, with the yield from increased fees, produce a recurrent income of £5.8 million, an increase of 9% with inflation at 13% at least. Yet there were some who warned throughout the year that there was worse to come. And as I write this report about the Session 1975-76, it is already clear that I was probably over-optimistic when I said a year ago that 'it was inconceivable that government could tolerate the consequences' of a further financial shortfall, and that probably 'remedial action would be taken before 1976-77'.

I do not say this in order to join the ranks of the moaners and groaners. It is true that in these years universities in Britain are squeezed to the point where they cease to be places of leisurely teaching and wide-ranging research. To take just one comparative figure: my own old university of Constance in Germany with about the same number of students and staff as LSE had, in fiscal year 1975, a total budget of DM 50 million, or £12 million (at 1975 rates of exchange). There can thus be no doubt about the restrictions under which we operate. But it would be subservient and short-sighted to overlook the need for Britain to find ways of making sure that a process of apparent deterioration of real earnings and general life chances is stopped and reversed. Probably, some cuts in public expenditure are a part of this process. Clearly, universities have to consider how they can make their own contribution; indeed, they have already made a contribution without undue fuss or clamour. However, there is reason for complaint if such developments take place without full consultation with the universities - and even more so if those involved are not encouraged to develop their own initiatives rather than sit back passively and await the next onslaught. If one may write this into the books of the Parliamentary Committees, the University Grants Committee, and even the Comptroller and Auditor General: no-one needs encouragement more than publicly controlled organizations, to which universities belong; and nothing is more costly than discouraging them by unnecessarily restrictive rules, time-consuming bureaucratic exercises and the general practice of domination by pettiness.

This then is the main theme of my report about 1975-76: what LSE has done to brace itself for the coming storms as well as make sure that it will do well in any weather. LSE has developed its academic strength. It has begun to consider ways of attracting an even larger number of mature students. It has had a lively debate about policy studies and the way in which they should be conducted in a university. It has struggled (with mixed success) for a fairer system of fees, especially for overseas students. It has continued the dialogue between staff and students. It has made an imaginative attempt to make its catering facilities viable. It has made progress towards the completion of the Strand House operation. In short, LSE is on the way.

### Academic Developments

A university is as strong as the quality of its teaching and research. This in turn depends on the talent and motivation of its students, the ability and interest of its teachers. Whatever else LSE does, these are our central concerns, and although the normal and the obvious do not make much news, a few facts may illustrate what I have in mind.

I am sometimes asked whether there is any change in the standards of admission of students to LSE; whether, for example, criteria have been relaxed in order to attract more students. We have in fact attracted more students; 5,600 applications for undergraduate places were received in 1975-76 as against 5,000 in the previous year, and the number of postgraduate applications is higher than ever before. But so far as standards are concerned, there was no relaxation. Indeed, while there are interesting shifts in the subjects for which students apply – at this time a pronounced movement into subjects of vocational interest, such as Accounting and Law – and to some extent changes in the countries from which students come – in the last few years a slight decline of those from North America and a corresponding increase of those from Europe – three things have remained the same: the large number of applicants, the method of admission by criteria of achievement and promise, and the high standards of those admitted. There is no reason why any of these should change in the foreseeable future.

Undoubtedly, the method of selection has an effect on the final results of students in their examinations, although one would hope that what LSE does affects these as much as the talent which students have brought with them when they came. In any case, final standards are high and compare favourably with those in other institutions where such comparisons are possible. In 1976, 39.5% of all students taking the B.Sc. (Econ.) received a First Class or Upper Second Class degree (1975: 38.7%); and one hopes that this will help students not only when they are looking for a place in a Graduate School.

Academic quality has to do with standards, but also with choices. It is sometimes said that we are offering almost too many options to students. At the same time, demand changes and we would like to remain flexible. In one area, Language Studies, LSE was forced to reduce its activities; some aspects of this field, notably those involving a B.A. degree in Language and Literature, were too small to be viable and yet incapable of development under present conditions. In other areas, there were new developments. Joint special subjects in Economics and Economic History, and in Government and History were introduced in 1975-76. We also ran for the first time, and with considerable success, a course for civil servants in Systems Analysis and Design.

From students and courses let me turn to the most difficult subject in terms of academic standards, that of the staff. It is difficult not because staff standards are less well-defined, but because they involve a much greater degree of judgment, and thus of confidence rather than formal rules. The academic community all over the world is self-selecting and thus in a sense self-perpetuating. Its quality depends therefore on the ability of those who are already 'in' to be generous and open as well as sure of their ground. Inevitably, such judgments raise questions every now and again. There are those who suspect that standards are changing, rising perhaps, and those who wonder whether one should not formalize the process of assessment. There is, to be sure, a certain amount of formality to it. Wherever this makes sense – and most of the time it does – one does not rely on the insider's knowledge of the market but advertises posts. Within the School, departmental views are checked by School committees. The Appointments Committee and its Standing Sub-Committee are designed to make sure that standards are maintained throughout the School with due allowance for differences between disciplines. In addition, University Boards advise on the appointment of Readers and Professors.

I have now watched this process for two full years, and my respect for it has grown all the time. Without wishing to prejudice discussions about minor adjustments here and there, I find that LSE compares favourably with other universities in the conscientiousness and imaginativeness of its appointment procedures. And I would add that confidence in these procedures, which is widespread if not general within the School, is one of the corner-stones of the fabric of the London School of Economics.

There are two specific points which illustrate this principle. One relates to our approach. There are many consequences of the financial stringency in which we find ourselves; but it has been one of our principles that this essentially extraneous motive must not interfere with the promotion hopes and expectations of staff. One hopes that this will not have to happen but at the end of the day I would rather see a smaller staff promoted by merit and achievement than a larger one with blocked opportunities of advancement. (In any case, fixed rates of senior to junior staff, presently at 40 : 60, are outdated in the present economic climate and an obstacle to promotion opportunities).

The other point is quite practical. LSE enters the academic year 1976-77 with 20 new lecturers, 2 new senior lecturers, and 2 new readers. There are also eight new professors: Theo Barker in Economic History, Kenneth Binmore in Mathematics, Kenneth Bourne in International History, Ian Brownlie in International Law, George Jones in Government, William Letwin in Political Science, Adela Nevitt in Social Administration, Tibor Scitovsky in Economics. One lady, seven men; three from outside, five from inside LSE – there is plenty of room for statistically inspired speculation, but no doubt about the liveliness of academic developments within the School.

### Post-Experience Studies

In my Report for the year 1974-75, I referred to the Quinquennial Development Statement and in it to the proposal 'that efforts will be made to increase the number and proportion of post-experience students'. There may not be another quinquennium for some time to come, but the School intends to regard its Statement as a guideline of policy, and in 1975-76 a working party has been set up under the chairmanship of Professor Ben Roberts to 'examine the School's activities in the field of post-experience education and to make recommendations'.

The subject described by the admittedly awkward term 'post-experience studies' has much to do with the traditions of LSE. In the first Calendar of the School in 1895, it was stated almost as a matter of course that 'with a view to the convenience of persons engaged during the day, the lectures will usually be given between 6 and 9 p.m.'. That of course was really para-experience teaching for people who were not temporarily or permanently abandoning their jobs in order to study, but who combined both. In the early 1920s, LSE had about 440 day students and 340 evening students; in the early 1930s the relation was about 800 to 540. From then on, the proportion of evening students declined until, in 1967, evening teaching for undergraduates was formally discontinued.

The reasons for this were many, but one is bound to note above all the link with educational expansion in the 1950s and 1960s. At least in part, this expansion was aimed at enabling young people from all social groups to acquire an education in line with their abilities. More and more people found their way directly into the tertiary sector; the need for the strenuous combination of work and study declined, and so did the number of those who found later in life the need and the chance to make up for what they missed when they were young.

In this context, the experience of the Open University is relevant. When the idea was first broached by Jennie (Lady) Lee and (Sir) Harold Wilson in the 1960s, its purpose was undoubtedly to enable those who had failed to get their chance

to make up for what they missed. However, when the Open University took stock after several years in operation, it found that its success was based less on the discovery of undeveloped talent among groups hitherto disadvantaged, working class children for example who had not found the straight road to universities, than on the desire of many who had in fact acquired diplomas and certificates of many kinds, teachers and nurses and engineers and others, to extend their knowledge, acquire degrees, perhaps change their focus of interest or merely add another dimension to their occupational lives. Today's post-experience student is the person who discovers later in life what he or she would like to learn, not the person who knew it all along but failed to find an earlier opportunity.

It seems appropriate that LSE should consider this subject with special care and urgency. Even today, a sizable proportion of our students belongs in this category. More flexible teaching arrangements, special courses in certain subjects, agreements with employers, public and private, and the like might add to their number and help many people to find their chosen opportunities as well as maintain the special flavour of the School.

#### **A Centre for Policy Studies at LSE?**

A second subject which the School explored in 1975-76 is no less close to its origins and traditions. Perhaps it is appropriate to introduce it by quoting the 1895 Calendar once more: 'While much attention will be given to the study of economic and political theory, the special aim of the School will be, from the first, the study and investigation of the concrete facts of industrial life and the actual working of economic and political relations as they exist or have existed, in the United Kingdom and in foreign countries. With this object in view the School will provide scientific training in methods of investigation and research, and will afford facilities for British and foreign students to undertake special studies of industrial life and original work in economics and political science. It is hoped that the School may become as far as possible a centre from which the available sources of information on these subjects may be made known.'

This the School has done throughout its history and to the present day. However, and inevitably, there are fluctuations in emphasis. Strangely perhaps, a period of expansion has encouraged academic institutions to become somewhat more remote from 'concrete facts' and the 'actual working of economic and political relations'. If the word 'academic' is used, outside universities, almost synonymously with 'irrelevant', this is both a misunderstanding and an injustice. But there is a sense in which the academic world tends to be a little self-centred and thus bent on protecting rather than crossing the boundary between its proper concerns and the 'real world'. And whereas this may not be as strange as it seems at first sight, because it is a response to expansion, what strikes one as truly strange is that such developments take place at a time at which the demand for advice, especially from social scientists, is growing. More than that, we may well be facing changes and challenges in the socio-economic climate of the developed as well as the developing world which require scientific minds even to be understood. And whereas scientists should be wary of giving the impression that they can actually solve practical problems, they should also be rather more self-critical if they find that they cannot make sense of events in the real world.

It is against this background, and as a stimulus to internal and external debate, that I wrote, in January 1976, a paper about a 'Centre for Economic and Political Studies in London'. The paper outlined some of the issues which make up that change in socio-economic climate, and the more special problems with which Britain is faced, and it suggested several ways of coming to grips with such issues: an Institute of Institutes, combining a number of existing institutions concerned with policy studies and thus marshalling resources more effectively; a Centre concerned

not only with the analysis of problems, but also with spelling out a particular view of what many like to call the national interest; a Think Tank assembling academics, civil servants, politicians, businessmen and others concerned with policy problems, and encouraging 'synthetic thinking' as well as the dissemination of ideas and analyses. The paper went on to describe the financial and organizational conditions of such institutions.

In this original paper, I refrained from taking a view on the merits of these alternatives. The paper was a summary of discussions in which I had become involved since my arrival in Britain. It was intended to stimulate debate and possibly practical initiatives. Inevitably, however, my name became associated with the ideas expressed in the paper, and the lively debate which took place in February and March 1976 both inside and outside the School was much more than a series of comments on a technical paper. Governors and Honorary Fellows of the School took part by writing letters or commenting to me directly. Many of them expressed a strong interest in the establishment of a centre concerned with policy studies. Those responsible for similar institutes expressed an interest; the paper was discussed by the Boards of P.E.P., the Centre for Studies of Social Policy and others.

The most significant debate however took place within LSE. Two student groups of the Left circulated pamphlets on the whole denouncing the idea of a centre associated with LSE; partly for partisan political fears that such a centre might not support the narrow or even the Broad Left, but partly for more immediate reasons of interest, a fear that resources might be diverted from other purposes. On 1 March, the Academic Board had a special meeting about the paper. It was a memorable meeting which brought out a number of points by which one might almost define the London School of Economics as it sees its role in the contemporary scene: There was no doubt that LSE is deeply concerned, as a matter of its everyday activity, with problems which have relevance for those who are involved in decisions, whether public or private. There was equally no doubt that the School regards it as imperative that there must be no outside interference with the definition of problems for research, the choice of those who are engaged in it, and above all the purposes for which it is conducted. Scholarship is either free or bad; there is no other alternative. More practically, there was a strong feeling that whatever was done at LSE should be set up in such a way that it can be integrated into the ordinary operations of the School and does not become a separate institution drifting off from the School, or an appendix which gradually swallows up the rest. The message of the Academic Board to the Director was: yes, let us have a concentration of resources in policy studies by all means, but within the rules and boundaries of LSE.

In April 1976, inspired by the many comments on the original paper, I wrote a second paper on the subject, entitled 'Policy Studies. Summary and Proposals'. This time, in other words, I did not simply set out possible alternatives, but committed myself to a line of action. As it happens, there were two lines of action. For it had become abundantly clear from the discussions that they had in fact been about two different things. One was an institute in London which might borrow many of its principles of operation from the Brookings Institution in Washington. It should have some permanent fellows concerned with research into problems of recognized policy relevance. In addition, it should be open for people who have left positions of responsibility for shorter or longer periods, political advisers, businessmen, even civil servants and politicians. The institute would provide a focal point of policy-relevant debate, somewhat further removed from 'No. 10' than the Central Policy Review Staff, also more public of course, at the same time somewhat more topical and flexible in its policy orientation than Royal Commissions. In the April paper, I also stated that LSE as such is not interested in an institute of this kind. 'While some members of its staff would undoubtedly have a part



in its work if it came about, and while some of its Governors and Honorary Fellows might be interested in bringing it about, the School sees no place for an institution of this kind in its framework'.

The School may see a place, however, for another institution, more modest perhaps, more academic certainly, an LSE Centre for Policy Studies. 'Such a Centre would provide a focal point for scholars already working in related fields; offer facilities for those who have sabbaticals either within the institution or coming from outside; offer flexible possibilities for inviting outsiders for varying periods of time; facilitate interdisciplinary work for students and staff alike; generally stimulate teaching, research and the dissemination of ideas relevant for policy studies'. It would be relatively small to begin with, located in LSE, accessible for students and tied in with the other activities of the School. Being a part of LSE, it would have to be set up and monitored by School committees. Indeed, to assist in further planning, a Working Party was set up towards the end of the Session 1975-76 which will report to the Academic Board during the following Session.

For the Director of LSE, the discussion of the two papers was rewarding in more than one respect. It was pleasing to see the active and constructive interest which members of the School in the widest sense of the term took in the subject. This alone proved the lively and forward-looking quality of LSE. It was encouraging to see the sureness with which the School accepts the challenge of external problems while at the same time insisting on the need for academic autonomy; LSE - one may conclude - is incorruptible, or at any rate incorrupt. It was an important lesson for the Director to be made aware again of the fact that the strength of a university is in its combination of research and teaching at all levels, so that there is nothing to be gained by separating out one or the other.

Throughout the debate, I made it clear that my commitment is to LSE and to nothing else. I would still hope that a British Brookings will come about and will be glad to serve as a catalyst in the process; but for myself I am not interested in such an institute. On the other hand, it is important for LSE to recognize the challenge of ideas which may seem to upset the routine developed in the last few years. In a Personal Postscript to the April paper, I pointed out some of the open frontiers of the discussion on social science and values. While social science as such is concerned, like all science, with the advancement of knowledge, the task of the social scientist may not end there; he may in fact be responsible for more than the advancement of social science as such. In addition to that, I made what I called a 'tactical' point which may perhaps be said to describe the view taken not only by its Director, but by LSE in general:

'Universities are undoubtedly under pressure today. Their honeymoon in public consciousness is over; they will have to defend their values, and in particular their right to decide many matters in considerable autonomy, against increasingly demanding public and political questioning. In any case autonomy is easily maintained under conditions of growth, but often threatened under conditions of stagnation. One reaction against the implied encroachment on the essential conditions of academic freedom is to defend universities with all the arguments and bargaining power at their disposal; it is the reaction of the Vice-Chancellors individually and collectively. I have no objection against this; indeed my letter to *The Times* last year may be seen in this context; but I feel that it is not enough. When under threat my immediate reaction is not defence, but the attempt to define my position actively in such a way that the threat loses its object. It may be commonplace that attack is the best defence, but it is nevertheless true. In the present case, this means that in my view the most effective defence against threats to university autonomy is to define, quite autonomously, the contribution of universities in terms which rob the threat of its substance. This is not meant in a dubious Hegelian way - 'freedom is the acceptance of necessity' and the like. The 'definition' in question must be one which

observes, and indeed strengthens the values of universities. But it is a response to legitimate demands which at the same time dismisses illegitimate encroachments.'

This is what the debate about a Centre for Policy Studies at LSE is about.

#### Tuition Fees: A Debate and its Interim Balance

During the year 1975-76, a number of motives and developments converged to set in train a debate on tuition fees for students. Whereas most European countries do not regard education as a contributory social service and have therefore abolished university fees, Britain has defined other services, notably health, as non-contributory, and kept a university fee (albeit a nominal one) throughout. Up to 1962, the fee was £50 for every student. Since then, developments have been little short of dramatic, as may be seen from the following table:

Year	Fee Increase	Home Students	Overseas Students
	£	£	£
1962-63	20	70	70
1967-68	180	70	250
1975-76	70	140	320
1976-77 +	30%	182	416
1977-78 +	(proposed new system) + +	500/750	650/850

+ Student Union subscription not included

+ + Proposed fees: differential between undergraduates and postgraduates.

If the proposals for 1977 are confirmed (which is by no means certain), we should be back where we started at least in one respect: home and overseas students would pay the same fees. But otherwise the change would be great: an increase of nearly 1,000% for home-based students within three years; major difficulties for overseas students who do not receive grants or scholarships; discouraging fees for postgraduates, of whom many do not receive support; and of course an entirely new system of university finance. Were the proposals for 1977 to be implemented, universities would receive something like one-third of their income from fees.

From the outset, LSE has taken an active interest in this debate. For the School, overseas students are an indispensable part of its life, both academically and generally. Even in the early 1920s, about one-fifth of all students at the School had come from overseas; by the early 1930s, the proportion had risen to 30%. There is nothing unusual therefore in the present proportion, 37%; what would be unusual would be a decline in these figures.

Early in the year, various School committees encouraged me to do everything in my power to make LSE's case known. On 20 January 1976, *The Daily Telegraph* published an article of mine in which I tried to set out the case for overseas students. It is a simple case really, almost painfully obvious. Overseas students are a valuable export; they contribute to the economy by importing the money they need for their upkeep; they contribute to research; they add to the quality of university education. Moreover, if one were to send them home, there are no immediate savings to be made; one cannot reduce university expenditure because one reduces the number of students slightly. And then there are the more general, though hardly less compelling arguments:

'University fees in Britain are high in relation to many European countries, low in relation to the United States, and entirely irrational in relation to the cost of education. To differentiate within such a system is therefore not an act of economic rationality but of social discrimination. As usual, the slippery slope of such discrimination involves bureaucracy, injustice and absurdity'.

And with respect to the quality of universities it is important to remember that they are 'so clearly on the credit side of the country's balance sheet, even today,'

and that this is so because they are open, attractive and respected all over the world. 'And one should have thought that what has come to be called the "Chequers strategy" in industrial policy is of general usefulness, especially if it is applied to strengthen institutions which are strong in order to give incentive and example to all. The case of overseas students in higher education may well be a test case.'

If there have to be fees at all - I argued at the time - it is better to have high nominal fees for all than to have differential fees. In fact, this turned out to be at least the interim result of the debate in 1976; although the level proposed in the end was almost unbearably high. However, at some stage, there were rumours that the government was about to set fees for overseas students at something like the assumed economic cost (a highly problematical notion in any case). At that stage, students at the School expressed their disgust with the direction things were taking in their own ways. Members of the staff helped to alert public opinion to the problem. Lord Robbins and Lady Seear spoke up in the House of Lords. The Director was invited to address a joint meeting of members of both Houses of Parliament. On behalf of the School, letters were sent to former students of LSE who are now members of parliament. One would hope that this concerted effort did something to alert government and others involved to the problem.

On 5 July 1976 the Secretary of State for Education announced that he would propose fees of £650 for undergraduates and £750 for postgraduates in 1977-78. While local authorities would have to carry the main burden of these increases, it was hoped that by these fees considerable savings in the government's university budget could be made. Not surprisingly, many, including Local Authorities as well as the University Grants Committee and the Committee of Vice-Chancellors were concerned about the proposal, and discussions about it continue. So far as LSE is concerned, three concerns determine our attitude. One is, that while we are in legal theory free not to introduce proposed fees, the theory is entirely irrelevant in view of the fact that our total income would automatically be reduced by the amount foregone in terms of fees. Had the School decided not to raise overseas students' fees for 1976-77, for example, it would have lost about £100,000, or the equivalent of about 15 academic posts. Secondly, LSE continues to insist on the principle that overseas students must have access to the School without discriminatory restrictions of any kind and will defend this principle wherever possible. Thirdly, given the prevailing views of the time and the inevitability of increased fees, or at any rate lesser support for overseas students, the School will have to concentrate on cases of hardship and try to relieve them wherever possible. In sum, we are faced with a highly unsatisfactory situation, although it is to be hoped that at least the formal discrimination which prevailed since 1967 will in future be abandoned.

#### The Dialogue with Students

Visible student interest in School affairs was concentrated, in 1975-76, on the issue of fees. The Students' Union supported the campaign of an Overseas Students Action Committee which held meetings and lobbied the Academic Board. While such committees are always likely, in their understandable impatience, to take action which harms rather than helps their case, there was little doubt about the fact that the School in general shared the view that discrimination against overseas students is wrong.

The way in which this particular discussion was conducted along with a generally sensible development of relations between (organized) students and other groups in the School, prompted me to set out, in a letter to the Students' Union sent on 22 March 1976, some of the principles by which all members of the School should be guided. Some students called it the 'John Stuart Mill' letter, whether approvingly or not I do not know; but it certainly is an appeal to reason in the interest of open government and a maximum of freedom for all:

'A university is an open institution based on mutual confidence and the assumption that all its members want to work together. One cannot properly run a university either with a siege mentality, or under siege. For that reason, I have insisted since my arrival that we show our trust in everybody within the School by open doors in every sense of the word'.

Touching on such subjects at LSE means of course touching on a part of the School's history which is to the present day surrounded by taboos almost in the strict sense of the word. I do not propose to break them at this point, although it would be useful if in due course it became possible to take a more relaxed view about a period in the history of the School which really does great credit to LSE. Many universities all over the world, and especially in continental Europe, have reacted to the student movement of the late 60s by hurried constitutional changes which nobody likes and which many regret today. That the university is a *universitas magistrorum et scholarium* must however not be forgotten. There is an obvious case for inviting those who have come to learn and study to take an active part in the life of universities. One part of open government is full information, and the preparedness to listen. LSE has also offered some degree of student participation in committees. But ultimately a university must be defined by its purposes of teaching and research, and by the fact that some of its members have come to learn, whereas others are employed to teach, so that the game of playing government and opposition is no more than a sideshow of academic institutions.

Some will find such statements controversial, and there are no reasons why they should not be discussed fully. It was to make such discussions even easier that I wrote that John Stuart Mill letter, and perhaps it is best if I quote its last three paragraphs fully:

'I have mentioned the Students' Union. Its position in the School has improved considerably over the last few years. Students' Union and Athletics Union had a combined *per capita* grant in 1973-74 of £7.91; in 1974-75 it rose to £9.71; in 1975-76 to £12.20. It is not easy to think of other institutions which have experienced a similar increase in income in these years of stringency; certainly universities have not. I have reason to believe that a further increase for 1976-77 is possible (and I trust that Union has told its members that it is asking many of them to pay more than £20 [£23 as it turned out] out of their own pockets for Union purposes). The point about this development is that students, through their Union and in other ways, should have their own place within the School, and should be able to conduct their own affairs in the many areas of LSE life for which the Union is responsible.

In due course, I would hope that students at LSE would also find it possible to accept the invitation to serve on School committees which has been pending since 1968-69. Such representation is obviously a process which needs to be developed on the basis of experience, but unless we make a start such experience will not come about. And let me leave no doubt about one point; students elect their Union officers by a secret ballot for which some time is allowed; any system of electing student representatives on School committees which is less democratic will certainly be unacceptable to these committees. But I suppose that we are all agreed on this and would like to reiterate the repeated statements by the Governors and the General Purposes Committee of the Academic Board how much they would welcome a new start to organized relations between School and students by using the method offered in the first place. And let me add that independently of formal arrangements, I shall continue to be available for discussions with the Union, and even its Action Committees, and shall press others to be available too.

Even apart from the general problems of universities, LSE has not got an easy task before it. Our physical environment requires hardy souls to keep up good humour; under cramped conditions it takes a little more effort to remain on an even keel; the financial circumstances of students, staff and School alike require more

self-discipline than one would wish on people; and of course the social sciences educate, and are made for critical minds who do not simply take their conditions for granted. I am not complaining, on the contrary, I am proud of LSE, warts and all. I feel strongly however that we can properly cope only if no group decides to make things more difficult than they actually are, so that some of us can concentrate our energies on actually improving them a little. This is why I want to ask students and their Union to help in doing everything in their power to maintain a climate of rational discourse and common purpose'.

All this may sound a little formal and dramatic, and it was meant to do that. It is appropriate to add however that it is obviously only part of the story. Even outside the purely academic – where staff-student relations are excellent – the dialogue has borne fruit in several ways. Students in Halls of Residence have taken part in a painstaking examination of Hall fees and actual cost which I am glad to say has in fact led to some reductions. The Committee on Undergraduate Studies, chaired and guided by the Dean, Mr. Grün, has resolved many issues. The Accommodation Committee has discussed plans for re-housing some of the School's activities after the move to Strand House with the students as with departments. Etcetera, I am tempted to add, and perhaps a word of thanks to the Students' Union and its officers, now that they have at last put their organization on a firm and financially sound basis again.

#### **Pizzaburger, Beavers' Retreat, etc.**

It would be quite wrong if this Report did not include a reference to a development which took place right at the end of the session, and from which I hope future generations of students will benefit. For some years now, our refectory services – like those of other universities – have been running at a deficit. In 1975–76, the deficit was something like £40,000. There is nothing unusual about this. Most firms in this area of London subsidize their catering services considerably, as a part of their employees' perks. But we cannot do so, partly because the UGC would not let us except within very narrow limits, partly because even if we wanted to do it the money would have to come out of funds which we need for academic purposes. As a result, there is a strong probability that customer interest will decline so that services deteriorate further. Towards the end of the last session, I began to wonder whether we should continue our catering services at all, bearing in mind that there are some alternatives around LSE.

At that time, an imaginative chairman of the Refectory Advisory Committee, Mr. T. Flowerdew, and an energetic Assistant Bursar, Mr. J. Kelly, came up with a radical proposal. The idea was to refurbish the rooms on the third floor totally, cut down the kinds of meals offered, forget about that sacred cow (if that is the term) 'meat and two veg', have a close look at prices, and try again. The committees to which this was put at the end of the summer term were frankly sceptical, although a survey seemed to indicate interest, and even the student representatives on the committee did not threaten any action. So we decided to do it. The building work was done during the vacation, and on the last day of the session we had three entirely re-vamped catering places (in addition to an improved Robinson Room and of course the Staff Dining Room, also somewhat improved): a staff-student bar in the former Barley Sugar Room (named 'Beavers' Retreat' by the inventors of the scheme), a limited-choice, self-service indoor garden restaurant with trellises ('Brunch Bowl'), and a hamburger and pizza (and excellent coffee) place in the former Snack Bar ('Pizzaburger').

The names are debatable, but otherwise the venture is impressive and will, I hope, be successful. If so, it will have made a whole series of points at once; that despite this age of bureaucracy we are capable of implementing good ideas swiftly; that it is possible at times to make savings without any deterioration of standards; that there is scope for improving the physical environment of LSE.

#### **Strand House Developments**

In this Report, I emphasized the fact that the School was exploring new horizons and is thus looking forward to improvements. Much of what I have mentioned in this context is still merely an idea, a plan. Strand House however, and the move of the British Library of Political and Economic Science, is a reality, and I hope that the attentive reader of LSE Director's Reports will not get tired of the re-appearance, year after year, of this item. It appears and reappears to report progress, for once again a number of important developments have occurred.

On 31 March 1976, W. H. Smith's former owners and more recently tenants of what we still call Strand House moved to their new Strand House in New Fetter Lane. On that day, LSE took possession of the building. We saw no better way to acknowledge this occasion than to start demolition work soon after 1 April. Once, on 21 June, the School invited some of its benefactors, and potential future donors as well, for a reception in the bare but impressively large basement of Strand House. The encouraging response augurs well for future support.

There was one other small celebration. On 18 May 1976 I gave a dinner party for the directors of W. H. Smith, including their chairman, the Governor of the School Mr. C. H. W. Troughton. On that occasion, a close and indeed friendly relationship which has developed over the years was confirmed. The firm, W. H. Smith, will be remembered at LSE for the way in which it has turned a contractual relationship fraught with potential problems into a cordial relationship of mutual confidence and trust. Even at a time at which they had to worry about numerous problems connected with their move, the directors of W. H. Smith helped to make our problems easier by consistent friendliness.

However, when we took possession of Strand House, we had no more than the empty shell of an impressive old building plus a few vague promises and many quite definite hopes and ambitions. If it is difficult to find individuals and firms and foundations who are prepared to give money for the purchase of a site and a building, it is virtually impossible to make a convincing case for supporting conversion costs. One of the first things the late Sir Morris Finer had said to me after my arrival at LSE was that in his view conversion was essentially a public responsibility, and that we should concentrate therefore on the UGC and the University of London for finding the money. I followed his advice. On 8 January 1976, a meeting took place at the University Grants Committee which was to lead to a substantial contribution by the UGC towards conversion. Even before that on 8 October 1975, the Court of the University of London had voted £100,000 towards this purpose.

However, these developments took place in a context which forced us to scale down the original plans for conversion very considerably indeed. In the first place, the UGC did not accept the School's claim that we would need the entire building for Library purposes in the near future. The question was left open, whether or not Level 6 of Strand House would be converted to this purpose at a later stage; but it was clear that no money would be available for this purpose now. Moreover, it became necessary to define a firm upper expenditure limit for conversion, and one which would not include some of the things which under normal circumstances would be regarded as necessities but had to be dispensed with, at least for the time being, under current circumstances. It became clear that under no circumstances would we be able to exceed a cash limit of £1.5 million for conversion. At a time of high inflation and other uncertainties this meant that we had to hope for tenders by contractors which were considerably below this final figure.

When Sir Morris Finer made his point about public responsibility, he did not mean to imply that there was no place for continuing the appeal. I am sure he would have agreed that in the light of its total funds available, a promise of £750,000 by the University Grants Committee (plus fluctuations and one or two minor

matters) to which the University of London support must be added, was a clear indication of public interest in the Library. LSE has reason to be grateful to the UGC and the University for their help and understanding. But there remains a gap, and there is our desire to add those important features which we had to leave out for the time being, an extra lift for example, and above all air conditioning. The Library Appeal will therefore be continued, and I am deeply grateful to Lord Robbins for continuing to use his inimitable charm on behalf of the Library.

Nothing has happened in the session 1975-76 which would cast doubt on the timetable for conversion. To be a little less guarded: it looks as if the move of the Library can take place in the summer of 1978, as planned. This means *inter alia* that there is a growing urgency in discussions about the future use of the space vacated by the Library in the Old Building and any other changes consequent on the move. This raises delicate problems, both of a physical and of a psychological character. The simplest way to put them is to say that while everybody has hoped for some gain out of the additional space, nobody actually wants to move; change is nice in theory but uncomfortable in practice. However, this may well be a little unfair. The Accommodation Committee of the School, chaired by the Pro-Director, has done a great deal of work in preparing decisions and having preliminary discussions with those involved. Discussions will go on during the session 1976-77, and it is hoped that by the end of that session the School's plans for conversion of former Library space will be completed.

We have made another step forward in this great venture, but I shall undoubtedly return to the subject at least in the next three Reports.

#### Events of the Session

Finally, a few events have to be recorded involving persons associated with LSE.

In January 1976 Sir Ronald Edwards died. He had come to the School in 1935, later been a Professor of Economics, and in due course a Governor and an Honorary Fellow. Lord Robbins expressed the School's sentiments at a Memorial Service that was held at St. Martin-in-the Fields on 17 March 1976. Sir Ronald Edwards embodied that combination of academic commitment and wider awareness for which LSE has stood in the past and will continue to stand.

The traditional Honorary Fellows Dinner was held on 4 May 1976. Six new Honorary Fellows were created this year: The Rt. Hon. E. W. Barrow, Sir Maurice Kendall, Professor Lucy P. Mair, H.M. Queen Margrethe II of Denmark, Professor W. N. Medlicott, and Mr. G. J. Ponsonby. At the Dinner, Professor Mair replied for the Fellows.

Among those who retired at or near the end of the session, there were two members of the academic staff, Mr. Lucjan Blit and Mrs. Alice M. C. Carter, and two members of the administrative staff who have served the School for many years, Mrs. Elsie Betts and Mr. Ted Brown. Mr. Brown who had come to LSE in 1927 as a lift-boy, retired as our House Manager. He set a standard by his commitment and his style, especially in the way in which he combined his friendly feelings for students and staff with an awareness of the needs of the School as a whole.

There were changes in important academic offices, Professor Goodwin retired as Vice-Chairman of the Academic Board after three years. Professor John agreed to serve in this position for the next session. 1975-76 was the third and last year in office for Professor Cyril Grunfeld as Pro-Director. Professor Grunfeld has given great service to the School at a time of change and transition; he has instilled his sense of fairness and continuity into his job and has helped a new Director to find his feet. Professor Alan Stuart has been appointed Pro-Director from 1 October 1976.

On Monday 28 June the portrait of my predecessor, Sir Walter Adams, was

unveiled at a small ceremony in the presence of members of his family. The portrait has now found its place alongside those of the other six Directors of the School in the Staff Dining Room.

RALF DAHRENDORF  
November 1976

## Academic Awards

### Scholarships and Studentships Awarded in 1976

#### (a) Awarded by the School

##### ENTRANCE SCHOLARSHIPS

*Delia Ashworth Scholarship*  
Veronica Anne Frances McDermott

*Christie Exhibition*  
Anne Freda Rolfe

*Madge Waley Joseph Scholarship*  
Louise Patricia Everett

*Scholarships for Mathematicians*  
Anwer Shehab Ahmed  
David Ian Woods

##### UNDERGRADUATE AWARDS

*Institute of Chartered Secretaries and Administrators Scholarship*  
Wendy Margaret Fillery

*Lilian Knowles Memorial Scholarship*  
Jane Candice Edwards

*Harold Laski Scholarship*  
Richard James Clayton

*C. S. Mactaggart Scholarship*  
Christopher Nigel Conlong  
David William Voas

*Undergraduate Scholarships*  
Jane Elizabeth Delfin  
Norman Elliott Fenton  
Robert Alan Edward Taylor

##### AWARDS OPEN TO UNDERGRADUATES AND GRADUATES

*School Scholarship in International Law*  
Suneeta Verma Mainee

##### GRADUATE AWARDS

*William Acworth Studentship*  
Not awarded

*Montague Burton Studentship in International Relations*  
Patrick Gerard McManus

*Noel Buxton Studentship in International Relations*  
Faruk Yalvac

*Graduate Studentships*  
Max Robert Schware  
Carlos Kohn  
David Edgar Van Zandt } Joint  
Carl Jay Levy } Award

*Graduate Studentship in Anglo-Japanese Relations*  
Roger William Buckley

*Graduate Studentship in Economics*  
Andrew Smith

*C. K. Hobson Studentship in Economics*  
Not awarded

*Rees Jeffreys Studentship*  
Peter Waters Glassborow

*Rosebery Studentship*  
Vivien Lavinia Small

#### (b) Awarded by the University

*Gerstenberg Studentship*  
Paul Adrian Gelpke

*Loch Exhibitions*  
Christine Rimmer  
John Nicholas Swingler

*University Postgraduate Studentships*  
Edgar Roy Samuel  
Ewa Helena Aniela Zofia  
Gamarnikow

### Prizes Awarded in 1976

#### (a) Awarded by the School

*Arthur Andersen Prize in Accounting*  
Bharat Dwarkades Lakhani

*Bassett Memorial Prizes*  
(i) Government  
Richard James Clayton  
(ii) Trade Union Studies  
Leslie Reginald Wildman

*Janet Beveridge Awards*  
Paul Timothy Napthine  
Elaine Frances McElwain

*Bowley Prize*  
Not offered for award

*Ely Devons Prizes*  
John Papanicolaou  
Nirvikar Singh  
Grant Harold Spencer

*Farr Medal and Prize*  
Peter Fosbrook

*Firth Awards*  
Marion Tandiwe Wheeler Clausen  
Jillian Marie Shepherd

*Gladstone Memorial Prize*  
Richard Julian Holdsworth

*Gonner Prize*  
Tan Ju Soon

*Gourgey Prize*  
Sydney Kenneth Phipp

*Hobhouse Memorial Prize*  
Carolyn Makinson

*Jesse Mair Cup for Music*  
Not awarded

*Mostyn Lloyd Prize*  
Kenneth James Muir Lane } Joint  
Hetti Gamage Dharmadasa } Award

*George and Hilda Ormsby Prizes*  
Christine Mary Juett  
Faith Nancy Wright

*Hughes Parry Prize*  
Wendy Margaret Fillery } Joint  
Robert Amirtharaj Lazar } Award

*Premchand Prize*  
Marius Schwartz

*Raynes Undergraduate Prize*  
Paul Adrian Gelpke

*Director's Special Prize in Law*  
Mary Anne Giles

*Allyn Young Prize*  
Lee King Yeo

#### (b) Awarded by Outside Bodies

*Maxwell Law Prize*  
Rachel Susan Daniels

### First Degrees Awarded 1976

#### B.Sc. (Economics) Final Examination

##### Honours

##### FIRST CLASS

Marco Aurelio Fernando Carlos  
Almazan  
Martin James Browning  
Richard James Clayton  
Judith Frances Sara Day  
Nicholas Economides  
Peter Fosbrook  
Paul Adrian Gelpke  
Stephen Peter Hawkins  
Jonathan Charles Hudson  
Geoffrey Killick  
Bharat Dwarkadas Lakhani  
Nigel Huw Lewis  
Vojislav Maksimovic  
Brian Leslie Morris  
Steven Henry Ollech  
John Joseph Quinn  
Subroto Roy  
Marius Schwartz  
Dipak Shah  
Aristodemos Spanos  
Tan Ju Soon

##### SECOND CLASS

##### (Upper Division)

Muntazar Bashir Ahmed  
Simon Powell Bancroft  
Graham Arnold George Batchelor  
Nicholas Paul Bevan  
Terence Thomas Booth

Keith Robert Boyfield  
 Milan Brahmabhatt  
 Andrew Burchell  
 Charles Bram Cadsby  
 Stephen John Catlin  
 Marios Renou Clerides  
 Jeremy Piers Clift  
 Paul Victor Cockerell  
 Michael Colakides  
 John Connolly  
 Marion Joan Wentworth Cooper  
 Stephen Paul Crosbie  
 Thomas Howard Mason Dastur  
 Alexandra Vanessa Debenham  
 Nilesh Doshi  
 Timothy James Ennis  
 Christopher John Evans  
 Rosemary Farrer  
 David Fig  
 Peter Antony Christopher Flower  
 Catherine Wendy Forrest  
 Stephen Caton Forsyth  
 Vittorio Luca Giaroli  
 Diana Mary Gilhespy  
 Prabhat Kumar Goyal  
 Ian Robert Greenwood  
 Stellakis Hadjijoseph  
 Malcolm John Holt  
 Mark Vincent Hughes  
 Zeenat Hussain  
 Michael David Ingham  
 Oscar Christopher Jazdowski  
 Arline Carol Mary Kercher  
 Azeez Mehdi Khan  
 Vartkess Knadjian  
 Susan Landau  
 Lee Tzu Yang  
 Mark Alexander Lennon  
 Stuart John Leonard  
 Michael Victor Leonesio  
 Leong Sou Mei  
 Mavis Low Fui Fong  
 Ian Samuel Lydall  
 James Edward McGowan  
 Stuart Bernard McIntosh  
 Shailesh Malde  
 Brian John Matthews  
 Kenneth William Matthews  
 Samir Mathur  
 Keith Alexander Derek Maunder  
 Ian David William Meyer  
 Robert Hugh Clive Miall  
 Paul David Milliken  
 Andrew David Moody

Peter Robert Morgan  
 Christopher Nigel George Mortimer  
 Diko Jacob Mukete  
 David William Murphy  
 Sowmya Wijayambal Narendranathan  
 Rosa Margaret Norridge  
 Edmund Gerard O'Sullivan  
 Chinubhai Chotabhai Patel  
 Vivienne Mary Penney  
 Pho Lie Chien  
 Stephen Platt  
 John Kirby Plaxton  
 Gareth James Davison Pountain  
 Rajiv Pradhan  
 Yasmin Prodhan  
 Munia Rab  
 Malcolm Reeve  
 Trevor Charles Reeves  
 Sean Henry Rickard  
 Clive Winstanley Roberts  
 Christopher James Ryan  
 Paull Raza Salim-Khan  
 Jayant Dhanvantray Shamalji  
 Sanghrajka  
 John Sears  
 Gautam Sen  
 Jayant Manharlal Sunderji Shah  
 Paresh Kumar Velji Shah  
 Nadir Aziz Shaikh  
 Deena Robyn Shiff  
 Sunil Sinha  
 Wyon Richard Stansfeld  
 Jeremy Thomas Stedman  
 James Tarver Stride  
 Anne Swindon  
 Omar Ahsan Syed  
 Olympia Georghiou Syrimi  
 Kamal Yoe Ping Tan  
 Tan Siew Tian  
 Tan Siok Hui  
 Stephen Hill Thomas  
 Lynda Kathleen Torrissi  
 Maria Luisa Turpin  
 Helen Jane Vale  
 Margaret Anne Wade  
 Mark Weeden  
 Christopher Thomas Wells  
 Robin Eardly Whitburn  
 Roger Woodgate

SECOND CLASS  
 (*Lower Division*)  
 Victoria Afami  
 Manzur Ahmad

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 Graeme Joseph Gill  
 Stephen Glaister  
 John Alexander Greig  
 George George Hadjimatheou  
 Anthony David Hall  
 John Anthony Hall  
 Keith Alexander Hamilton  
 David Anthony Howell  
 Peter Graeme Allison Howells  
 Craig Broverman Jenks  
 Jeremy Hugh Kemp  
 Anthony Kemp-Welch  
 Christel Olga Lane

Cheryl Beth Larsen  
 Derek Roy Layder  
 Glenn Alan Leichman  
 Michael Felix Lenhoff  
 Irwin Frank Lipnowski  
 Rodney Lowe  
 Gavin Wyndham Murray McFarlane  
 James Petrie McIntosh  
 William Russell McKercher  
 Alan John Marsh  
 David Raymond Morgan  
 Iwan Wyn Morgan  
 Hilary Ann Nicolle  
 Mohmed Nuruzzaman  
 Patrick Terence O'Malley  
 Denise Rae Osborn  
 Richard Charles Owen  
 Lloyd Turner Paquin  
 Maxwell Noel Lewis Parker  
 John Tisdale Pierce  
 Puderico Ferraz Pimentel  
 Lawrence John Pitkethly  
 Sonia Zaide Pritchard  
 Thillainathan S/O Ramasamy  
 Christopher John Read  
 Charles James Richardson  
 Amrit Sarup  
 John Ernest Oliver Screen  
 John David Seddon  
 Boas Shamir  
 William Harry Shaw  
 Peter Roger Shergold  
 Yitzhak Shichor  
 Elizabeth Mary Sidwall  
 Bruce James Standen  
 Elaine Sternberg  
 Gisela Szagun  
 Peter James Thwaites  
 Daniel Todd  
 Andrew George William Turton  
 Alfred Onyeohuhu Ukaegbu  
 V. Veena  
 Hamish Brockett Watson  
 Maureen Craigie Waugh  
 John Worrall  
 David Robert Wynn

**Higher Doctorates awarded  
 by the University of London  
 to Members of the School  
 1976**

**D.Sc. (Econ.)**  
 Frederick Samuel Northedge

**Diploma (Awarded by the University of London) 1976**

**Diploma in Anthropology**

Anna Pamela Collard  
Charles Patrick Kemp

**Diplomas (Awarded by the School) 1976**

**Diploma in Statistics**

Juan Carlos Abril  
Chuah Aik Siew  
Margaret Anne Green  
Martin Hernando Farfen  
James Lloyd Johnson  
Ioanna Koutrouvis  
Ensanollan Malek Mohammadi  
Peter Owen Russell

**Diploma in Systems Analysis and Design**

Brian Thomas Campbell  
Peter Edward Cawley  
David George Dickens  
David James Anthony Gilbert  
Peter Douglas Gott  
John Lavelle  
Stewart Robinson  
Derek Alan White

**Diploma in Social Planning in Developing Countries**

**DISTINCTION**

Syed Sayeeduzzama Rizvi

**PASS**

Ahmad Rifai Ikrom Ahmad Rifai  
Chaklader Mansurul Alam  
Andarawaas Patabendi Janeshta  
Bandumathi Dewaasgunawardena  
Walter Paul McNamara  
Muniappan  
Pimpimon Palavieng  
Damrong Ratanaphrucks  
Philip Romanovsky  
Abu K. Shuluwa  
Mohamad Tajudin Bin Baker  
Pemba Tshering Wangdi

**Diploma in Social Administration for Graduates**

**DISTINCTION**

Kenneth James Muir Lane

**PASS**

Sheila Lynn Bennett  
Joseph Blackburn  
Alexandra Catherine Bortnichuk  
Joan Marie Brice  
Patricia Anne Conroy  
Marilyn Lesley Cosway  
Richard Crossley  
Geoffrey Robert Dickson  
John Douglas Dixon  
Audrey Sylvia Fosbrooke  
Rosalind Franey  
Jane Gatrell  
Anne Kathleen Gilmartin  
Pamela Gay Goddard  
Linda Diana Goldschmidt  
Susan Josephine Gordon  
Ann Rose Gore  
James Robert Gritton  
Felicity Rose Hart  
Philip Jakar  
Frances Maria Kraus  
Eva Sheila Alexandra Kurowska  
Elizabeth Nesta Law  
Trevor Douglas Lawson  
Dorian Clement Ashton Leatham  
Susan Lorimer  
Vivienne Elizabeth McNaughton  
Richard Maurice Ripley Mapletoft  
Robert William Marsland  
Ian Ernest Mocroft  
Bridget Pander  
Henry Francis Cornelius Prittie  
Pauline Mary Rawe  
Anne Riddington  
Helena Elisabeth Sedgwick  
Wendy Ann Spray  
Regina Bridget Strzoda  
Michael Chesney Stock  
Monica Mary Summers  
Nicholas Alexander Frere Valdez  
David Julian Vincent  
Thomas William Judd Waine  
Bridget Mary Ward  
John David Harvey Weatherby

**Diploma in Social Administration Overseas Course**

**DISTINCTION**

Hetti Gamage Dharmadasa

**PASS**

Hyacinth Sunday Nwankwo  
Heung-Ying Gloria Tung

**Diploma in Social Administration for Non-Graduates**

**PASS**

Jennifer Anne Beddington  
Anna Mary Colvin  
Kathleen Marie Dunphy  
Elfriede Siegunde Fischereeder  
Morag Ann Flower  
John Edward George Harvey  
Fiona Mary Nicholson  
Adebayo Babatunde Oni  
Linda Margaret Paine  
Belinda Mavis Price  
Martin Michael Stone  
Esther Edgar Tranter

**Diploma in Social Work Studies**

**PASS**

Pamela Ann Armitage  
Susan Elizabeth Aubury  
Marjorie Basil  
Thurstine Basset  
Denise Anne Bate  
Marion Ruth Bier  
Deborah Felicity Brenner  
Heather Brodie  
Jennifer Mary Brown  
Mary Catherine Campbell  
Jill Marian Cecil  
Ruth Ann Cook  
David Edward Cox  
Mathilde Ingeborg Crawford  
Barbara Jane Daykin  
Alexandra Mary Felice-Pace  
David John Green  
Pamela Dorothy Griggs  
Gwerfyl Grossmann  
Sophie Margaret Helen Hamilton  
Olivia Mary Harvard-Watts  
Judith Mary Hayes  
Annabel Clare Healey  
Martin Stuart Henson  
Susan Mary Howard  
Mary Patricia Jelinek  
Sheila Ann Kellow  
Brenda Vivien Lass  
Lois Ann McDonald  
Terence David Macey  
Hilary Ruth Marsh  
Gertrude Marshall

\*Mark of Distinction awarded

Wendy Jane Marshall  
Raila Elina Morrison  
Helen Bridget Nash  
Maisie Helene Ospala  
Maria Stanislawa Pasiecznik  
Carole May Leila Prior  
Janet Elizabeth Ramsay  
Douglas Rawlinson  
Roberta Mary Roberts  
Christina Margaret Rysiecki  
Jean Deas Sadowska  
Ruth Isobel Sainsbury  
Simone Andree Sapsford  
Gillian Rosalie Scrage  
Patricia Ann Self  
Marian Jane Shave  
Gwyneth Roberta Shlaim  
Elizabeth Jane Simms  
Sharon Lesley Smith  
Beryl Sullivan  
Pamela Rosalind Tegner  
Roger Tuke  
Daniel Twomey  
Alison Walker  
Stephanie Ann Wigglesworth  
Carol Ann Wilson  
Audrey Beryl Wright

**Diploma in Personnel Management**

Simeon Olajide Adeniji  
Susan Elizabeth Alice Bailey  
\*Jennifer Mary Bamford  
Susan Rydal Beddard  
Gavin Paul Breeze  
Shelia Butterworth  
Alison Doris Olivia Day  
Stephen Edgar Fitzgerald  
Keith George Grieve  
Enid Margaret Hunt  
Gregory Nigel Hunt  
Stephen Robert Jay  
Charles Cedric Lyon  
David Mack  
Bozena Zofia Michalska  
Jared Harry Robert Othieno  
Charles Richard Pearmine  
Clare Elizabeth Pollard  
John Clark Restorick  
Susan Robertson  
Adrian Trevor Sullivan  
Hammid Taju  
Anna Zofia Teresa Tokarska  
Valerie Anne Waters  
Ruth Margaret Jane Wood

## Research

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 £45,000 and £60,000 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".
- (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 Social Science Research Council, as well as from Government Departments, and foundations such as Nuffield, Ford, Rockefeller and the Fritz Thyssen Stiftung. Support from 'outside' sources for research at LSE amounts to about £250,000 per annum; 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 at the School in 1967 with the aid of a five year grant from the Ford Foundation. Soviet and Chinese studies have from the start been the centre of concern of the Centre but new interests which have developed over the last three years extend to European Studies (including French studies, East-West relations in Europe and the external relations of the European Community), International Politics in Asia and the Pacific (with particular interest in Indonesia's and Japan's external relations) and International Political Economy (particularly the International Politics of Energy and Raw Material problems and International Business studies). The Centre's aim continues to be to encourage (a) an inter-disciplinary approach to these studies; (b) a concern with the links between the external and domestic levels of analysis, and (c) where appropriate, attention to their policy relevance.

The Centre sponsors an inter-disciplinary M.Sc. in European Studies and an inter-disciplinary B.A. degree in French Studies. Members of the Centre are also responsible for a number of seminars, in particular on Asia and the Pacific, on the international politics of energy and raw material questions, and on the external relations in the European Community.

Details of the work of earlier years are set out in previous *Calendars*. Although the Centre is no longer in a position to offer Research Fellowships and Studentships, it appoints up to five Visiting Fellows each year. In 1976-77 five such Fellows were appointed: Professor A. Amano (Kobe University) Dr. J. Camilleri (La Trobe University), Dr. Rosalyn Higgins, Mrs. Juliet Lodge (University of Auckland) Miss Susan Strange. Visiting Fellows took part in seminars as well as conducting their own research. In the same session three Research Associates were appointed: Dr. R. W. D. Boyce, Dr. Hilary Allen and Mr. B. Drukier, all of whom were financed by the SSRC. The Centre also offered two graduate Studentships in Anglo-Japanese relations.

The Centre also sponsors a monograph series on international studies published by the Cambridge University Press. Amongst recent monographs are: M. L. Van Creveld, *Hitler's Strategy, 1940-41: the Balkan clue*; A. Ogunsanwo, *China's Policy in Africa, 1958-71*; M. Seliger, *The Marxist Conception of Ideology*; Ann Trotter, *Britain and East Asia, 1933-1937*; A. L. Unger, *The Totalitarian Party*.

The work of the Centre is directed by a Steering Committee under the Chairmanship of Professor G. L. Goodwin, consisting of: Professor I. Brownlie, Professor G. Ionescu, Professor J. B. Joll, Professor I. Lapenna, Dr. M. Leifer, Dr. P. H. Lyon, Mr. J. B. L. Mayall, Dr. M. H. Miller, Dr. I. H. Nish, Professor F. S. Northedge, Dr. A. B. Polonsky, Mr. P. Reddaway, Professor L. B. Schapiro, Dr. G. R. Smith, Mr. G. H. Stern, Mr. M. D. Steuer, Professor A. Stuart, Mr. P. G. Taylor, Dr. H. Tint, Dr. D. G. Valentine, Professor D. C. Watt, Professor P. J. de la F. Wiles, Mr. P. Windsor, Dr. V. Wright.

### Centre for Urban Economics

The Centre for Urban Economics was established in September 1970 to undertake research in urban economics. It is part of the Economics department. Contact has been established and will be maintained with members of other departments working on urban problems.

Among its activities has been developing an urban economics option in the M.Sc. in Economics and strengthening the urban economics element in the teaching for the M.Sc. in Regional and Urban Planning Studies. Among its major research areas are: (1) the analysis of trends in employment and unemployment and real income in the London labour market; (2) the formulation and testing of hypotheses on low-paid labour in London; (3) the testing of hypotheses to explain moves from, to, and within public housing and the private rental sector in London; (4) the evaluation of urban development and redevelopment; and (5) an empirical and theoretical investigation into the reform of local government finance. Research is also being undertaken on urban transport policies, the development of cost-benefit techniques in planning studies, theoretical work in urban modelling, and various aspects of spatial economics.

The Head of the Centre is R. Richardson. Among its members and associates are A. D. J. Flowerdew, S. Glaister, R. J. Jackman, M. Perlman and C. M. E. Whitehead.

### Greater London Group

The Group was formed in 1958 and consists of about 15 members of the academic staff of the London School of Economics and Political Science from many departments, including Government, Geography, Law, Economics, Social Administration and Transport. Two members of the academic staff of University College London have recently been added. It has a small full-time professional staff. The Group was originally formed in order 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. The Redcliffe Maud Commission on Local Government in England commissioned the Group to carry out an extensive research project on local government in the south east region, and another one on the lessons of the Greater London Reforms. These were published by HMSO in 1968.

Between 1969 and 1971 two major research projects were completed. One was entitled *The Government of London: The Struggle for Reform*. The other was an evaluation of the London Government reforms and this was published in 1972

under the title *The New Government of London: the first five years* (Weidenfeld & Nicolson). A micro-study of the new system of local government as it operated in the London Borough of Camden during the first four years of its coming into force was also completed in 1972. The author was Enid Wistrich and the study has been published by Camden Borough Council; it is entitled *Local Government Re-organisation: the first years of Camden*.

The Group has recently completed another major research project on the problems of transport and traffic administration in Greater London, and this was published in May 1974 by Allen and Unwin under the title *Transport Organisation in a Great City: the case of London*.

The Group has recently 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 project is a comparative study of the political process in four London boroughs. It is entitled *Politics and Democracy in Four Selected London Boroughs*. The aim is to determine what factors influence the policies and resource allocation of the Councils and the methods by which these matters are determined.

With the exception of the last mentioned study all the previous research of the Group may be described as policy-oriented. It nevertheless has provided much material, both practical and theoretical, for the use of teachers at L.S.E.

The Greater London Group is a closely integrated group and its members meet weekly during term time.

The Group has received grants from the Nuffield Foundation, the Leverhulme Trust, the Social Science Research Council (three grants), the Royal Commission on Local Government, the Ministry of Housing and Local Government, and the City Parochial Foundation.

The Chairman of the Group is Professor W. A. Robson, the Vice-Chairman is Professor P. J. O. Self.

#### 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.

##### Books

*London Government and the Welfare Services*, S. K. Ruck, 1963  
*Municipal Entertainment and the Arts in Greater London*, S. K. Ruck, 1965  
*The Government of London: The Struggle for Reform*, G. Rhodes, 1970  
*The New Government of London: The First Five Years*, Ed., G. Rhodes, 1972  
*Local Government Re-organisation: The First Years of Camden*, Enid Wistrich, 1972  
*Transport Organisation in a Great City: The Case of London*, M. F. Collins and T. M. Pharoah, 1974.

#### Centre for the Economics of Education

The Centre for the Economics of Education is a part of the Department of Economics. At present it is doing two major projects on income distribution and labour supply, using the General Household Survey and to a lesser extent the Family Expenditure Survey. The aim is to build a model which explains the distribution of household income per head and which can be used to predict how this will change in response to changes in government tax and social security policy. This involves explaining first, individual wage rates, then individual labour force participation and hours of work, and finally individual unemployment. These separate elements in the study are also of intrinsic interest—for example, the unemployment study attempts to distinguish between the supply and demand forces at work. The work is financed by the Department of Employment and the Royal Commission on the Distribution of Income and Wealth, for whom the study concentrates in particular on the explanation of low incomes.

The research is being undertaken on a part-time basis by Dr. N. Barr, Mr. R. Layard (Head of the Centre), Professor D. Metcalf, Mr. S. Nickell, Mr. D. Piachaud, Dr. G. Psacharopoulos and Mr. M. Stewart, in collaboration with four full-time staff, all of whom are computer specialists.

The Centre has recently received a grant from the Ford Foundation for a UK/US Economics of Education Exchange Programme. This will finance three workshops, of which the first was held in December 1976 to discuss work on teacher supply conducted in the Centre and in the US. The second workshop, on income distribution, will be held at Cambridge in March 1978. The programme also provides for exchange of personnel with American labour economists visiting Britain, and vice versa.

The Centre has a library on the economics of education and human capital and is associated with various courses in the School's teaching calendar. The students who attend these courses are mainly graduates taking the options in Labour Economics or Economics of Education and Human Capital for the M.Sc. in Economics, the Education Statistics option for the M.Sc. in Statistics, or the Labour Economics option in the M.Sc. in Industrial Relations, as well as research students working in the Centre's field.

Studies which were completed in 1976-77 include The Economics of Teacher Supply; a study of the urban labour force in Malaysia, conducted for the World Bank by Dr. Dipak Mazumdar; a study of urban unemployment in India, financed by the O.D.M. and conducted by Dr. P. Fallon; and a study of the effects of trade unions on wages, financed by the Nuffield Foundation.

##### Industrial Relations and Work Behaviour Research Unit

This Unit was formed to bring together the research activities of the Industrial Relations department, the Building Management Research Unit and the Diploma in Personnel Management Course of the department of Social Science and Administration. The research of the Unit is under the direction of Professor B. C. Roberts, Baroness Seear and Mr. K. E. Thurley.

Current research includes projects from OECD, Department of Employment and the Anglo-German Foundation on provisions for employment security, the effects of Equal Pay legislation and a comparison of central trade union organisation in Germany and Britain.

##### Institute of Manpower Studies (University of Sussex, Mantell Building, 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 the London School of Economics and the University of Sussex.

The Institute became operational in 1970 and was established because of a

widespread belief that there was a need for a national centre of practical knowledge and experience of the manpower field. It is available to all those working on manpower problems including employing organisations, trade unions, industry and regional bodies, government and government agencies and other bodies.

The Institute undertakes research, provides advice and information and conducts seminars and training courses. Current projects cover national, industry and company level studies of employment and manpower. Models of the national labour market are being developed to identify trends. Studies of qualified manpower have been conducted on behalf of the Department of Employment. Work at company level includes studies of the identification of management potential, comparative studies of manpower information and the development and implementation of the System of Occupational Classification (SOC). Work is in progress on the development and implementation of statistical models of company manpower flows; and a library of models and techniques, including computer-based material, is now available through the IMS Models Advisory Service.

The Institute's Executive Vice-Chairman is Sir James Dunnett, the Technical Director is Dr. C. J. Purkiss and the Administration Director, Mr. Noel Gee. Annual reports, news letters and lists of publications are available from the Institute.

#### Medical Research Council Unit (23 Hanway Place, W1P OAJ)

The Medical Research Council Unit was established at the School in April 1962 to study problems on the borderline of sociology and medicine. The Unit is now mainly concerned with a large-scale national study of health and development. This is based on a national cohort born in 1946 and the following projects are some of those based on it.

(a) The educational histories of 5,000 young people who have now completed their education and have entered employment. (Ms. E. Atkins and Ms. N. Cherry); (b) The home background, educational record and emotional adjustment of those who came before the courts. (Dr. M. E. J. Wadsworth); (c) The later progress and achievement of children from broken families or who have encountered stressful or traumatic events in early life. (Dr. J. W. B. Douglas and Mrs. R. Gear); (d) Further education and apprenticeships among school leavers, the types of job they have taken, their reasons for taking them and the time they have lost from work. (Ms. N. Cherry); (e) A study of child rearing in two generations. (Dr. M. E. J. Wadsworth); (f) Social mobility—see entry under Population Investigation Committee. (Professor D. V. Glass and Mr. M. Lowe).

The Director of the Unit is Dr. J. W. B. Douglas and the Administrative Secretary is Mrs. R. Gear.

#### Population Investigation Committee

The Population Investigation Committee 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, acts as adviser to the School on questions of demographic research and teaching, and collaborates with the School in the provision of postgraduate training in demography. The Committee undertakes investigations into population problems and publishes a journal *Population Studies*.

A major investigation initiated by the Committee has been a 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 in Great Britain. Reports on the study include many papers and three books: *Maternity in Great Britain* by the National Survey Committee; *Children under Five*

by J. W. B. Douglas and J. M. Blomfield and *The Home and the School* by J. W. B. Douglas.

This study is continuing under the direction of Dr. Douglas through the Unit established by the Medical Research Council in collaboration with the School. Since the establishment of the Unit, several more papers and an additional book (J. W. B. Douglas, J. M. Ross, and H. R. Simpson, *All Our Future*) have been published and further reports are in preparation, including studies of delinquency, and a follow-up of the first born of the original cohort.

The Nuffield Foundation has recently (October 1976) awarded Professor Glass a three-year grant to analyse social mobility in the National Survey Sample. These data offer a unique opportunity to describe channels of upward mobility and the extent, nature and consequences of downward mobility. Work has already started on this project and a research assistant, Miss Nichola Britten, has been appointed. The Committee has also co-operated with the Scottish Council for Research in Education in their follow-up survey of Scottish school children—a survey which has resulted in the publication of several books.

Part of the continuing research of the committee is the study of changes in marriage and divorce in England and Wales over the past hundred years. Several reports have been published. A collection of documentary materials on marriage and divorce has been built up and analysed. The documentary study was complemented by a stratified random sample survey covering a national sample of 3,000 households. This survey, multi-purpose in character, covered not only a number of aspects of marriage, but also detailed questions on fertility and birth control. Many papers have been published dealing in particular with the changing incidence of birth control in Great Britain and also with marriage and marital breakdown.

More recently, the research of the Population Investigation Committee has been concerned especially with questions of current marriage and fertility patterns in Britain. A full-scale enquiry into fertility and birth control practice in Britain was launched in 1967. Papers presenting preliminary results have been published together with the full report, *Birth Control Practice and Marital Fertility in Great Britain* by C. M. Langford. The Committee is also involved in research concerning population questions in developing countries and, at the request of the Government of Mauritius, helped to evaluate the birth control programme in that country.

In collaboration with the School, the Committee has organized a postgraduate training programme in demography, focused upon developing societies, but also accepting students from developed societies. Since its establishment in 1965, 170 students have been admitted to the programme. New methodological research has been undertaken in connection with the training programme, with the object of providing more effective techniques for detecting and correcting errors in poor basic demographic data. A book embodying the results of this research was published in 1971: *Demographic Estimation for Developing Societies* by N. H. Carrier and J. N. Hobcraft.

In addition, the Committee has long been involved in research into historical demography. One of the major publications resulting from this research is that of T. H. Hollingsworth, *The Demography of the British Peerage*. A monograph on the eighteenth-century population controversy and the development of censuses and vital statistics in Britain was published in 1973.

The Committee has received financial support from many bodies including the following: Department of Scientific and Industrial Research, the Social Science Research Council, the Ford Foundation, the Home Office, the International Planned Parenthood Federation, the Nuffield Foundation, the Simon Population Trust, the Population Council Incorporated of New York and the Rockefeller Foundation. The Chairman of the Committee is Professor D. V. Glass; the Hon. Secretary is Mr. N. H. Carrier 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 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 London University, students and staff of the School have access to the University computer facilities. These comprise the University of London Computer Centre's CDC 6400, 6600 and 7600 computers at Guilford Street; the IBM 360/65 at University College; two ICL 1904S computers at Queen Mary College; and the CDC Cyber 174 and 6500 computers at Imperial College.

The School is directly linked to the CDC 6600/7600 through a card reader/line printer terminal. A Modcomp IV computer provides limited local processing facilities as well as acting as a link to the CDC facilities and, via ULCC, to the other computer centres. Over 50 teletypes and video terminals (including 15 in a class room) are available to connect to the computers. Interactive graphics facilities are available for use with Tektronix computer display terminals using a PDP 11/10 or the larger computers.

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 free 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 data preparation, computer operating and programming advisory services, is provided under the Manager of the Computer Unit. 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 1975 to 31 July 1976

(This list includes some publications that were not available for inclusion in the report for 1974-75).

### Director's Publications

*The New Liberty* (Routledge and Kegan Paul, 1975)

*Conflict and Contract*, The Second Leverhulme Memorial Lecture, delivered 25 February 1975 (Liverpool University Press, 1975)

'Science, Policy and Science Policy', Read 21 April 1975 (*Proceedings of the Royal Irish Academy*, Volume 75, Section C, Number 2, Dublin, 1975)

'Liberalismus' in *Meyers Enzyklopädisches Lexikon* (Bibliographisches Institut, Mannheim, 1975)

*Inequality, Hope and Progress*, Eleanor Rathbone Memorial Lecture, delivered 24 February 1976 (Liverpool University Press, 1976)

'Bildung bleibt Bürgerrecht' in *Die Bildungsreform - eine Bilanz* (Ernst Klett, Stuttgart, 1976)

### Accounting

**Mr. M. Churchill**

'How BMW Computerise Cash Planning' (*Accountancy*, June 1976)

'Stock Control in Catalogue Stores' (*Accountancy Age*, 4 June 1976)

**Professor H. C. Edey**

'The Principles and Aims of Budgetary Control' in R. I. Tricker (Ed.), *Management Information and Control Systems* (Wiley, 1976)

**Mr. D. Pendrill**

'Why ED3 Should be Withdrawn' (*Accountancy*, December 1975)

'Why Such Fuss on Sandilands?' (*Accountancy Age*, 2 July 1976)

**Professor B. S. Yamey**

(Editor with O. Kojima) *Ympyn's A Notable and Very Excellente Woorke 1547* (Daigakudo Books, Kyoto, 1975)

### Anthropology

**Dr. M. E. F. Bloch**

(Editor) *Political Language, Oratory and Traditional Society* (Academic Press, London and New York, 1975)

(Editor) *Marxist Analyses and Social Anthropology* (A.S.A. Studies, No. 1, London, 1975)

'Property and the End of Affinity' in M. Bloch (Ed.), *Marxist Analyses and Social Anthropology* (A.S.A. Studies, No. 1, London, 1975)

(Review Article) 'Explorations in the Ethnography of Speaking' (*Language in Society*, Vol. 5, No. 2, 1976)

**Professor E. A. Gellner**

'The Soviet and the Savage' and 'Reply to Critics' (*Current Anthropology*, Vol. 16, No. 4, December 1975)

'Comment Devenir Marabout' (*Bulletin Economique et Social de Maroc*, Numéro double 128/129, Rabat, 1975)

**Dr. J. O. Kaplan**

*The Piaroa, a People of the Orinoco Basin: A Study in Kinship and Marriage* (Clarendon Press, Oxford, 1975)

**Dr. J. S. La Fontaine**

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## Statistics of Students

### Analysis of Regular and Occasional Students, 1972-77

	Session 1972-73	Session 1973-74	Session 1974-75	Session 1975-76	Session 1976-77
REGULAR STUDENTS					
<b>Full-time</b>					
First Degree	1573	1595	1664	1703	1704
First Diploma	62	52	35	19	5
Higher Degree	1027	1026	1053	1054	1060
Higher Diploma	203	190	201	186	173
Research Fee	75	74	80	94	75
Other Regular	71	89	101	92	103
TOTAL OF FULL-TIME STUDENTS	<b>3011</b>	<b>3026</b>	<b>3134</b>	<b>3148</b>	<b>3120</b>
<b>Part-time</b>					
First Degree	0	0	0	0	0
Higher Degree	417	409	407	385	352
Higher Diploma	1	0	0	0	0
Research Fee	7	7	13	12	11
Other Regular	0	0	0	0	0
TOTAL PART-TIME STUDENTS	<b>425</b>	<b>416</b>	<b>420</b>	<b>397</b>	<b>363</b>
TOTAL OF REGULAR STUDENTS	<b>3436</b>	<b>3442</b>	<b>3554</b>	<b>3545</b>	<b>3483</b>
OCCASIONAL STUDENTS	247	166	167	117	85
GRAND TOTAL	<b>3683</b>	<b>3608</b>	<b>3721</b>	<b>3662</b>	<b>3568</b>

### Analysis of Overseas Students, 1972-77

	Session 1972-73	Session 1973-74	Session 1974-75	Session 1975-76	Session 1976-77
REGULAR STUDENTS					
First Degree	264	283	312	346	373
First Diploma	0	4	4	2	0
Higher Degree	704	726	753	748	734
Higher Diploma	53	57	43	30	41
Research Fee	76	75	82	94	82
Other Regular	53	77	84	81	87
OCCASIONAL STUDENTS	50	47	61	42	25
TOTAL	<b>1200</b>	<b>1269</b>	<b>1339</b>	<b>1343</b>	<b>1342</b>

## Analysis of Regular and Occasional Students, 1975-77

REGULAR  
STUDENTS

SESSION 1975-76

SESSION 1976-77

	Full-time Students			Part-time Students			Grand Total	Full-time Students			Part-time Students			Grand Total
	Men	Women	Total	Men	Women	Total		Men	Women	Total	Men	Women	Total	
B.Sc. (Economics)														
1st year	264	79	343				996	269	82	351			1001	1001
2nd year	248	76	324					258	78	336				
3rd year	256	73	329					240	74	314				
Course-Unit Degree														
B.Sc./B.A. Geography														
1st year	19	12	31				82	18	10	28			82	82
2nd year	14	8	22					19	12	31				
3rd year	19	10	29					15	8	23				
B.Sc. Mathematics, Statistics & Computing														
1st year	8	5	13				45	9	2	11			39	39
2nd year	15	4	19					8	4	12				
3rd year	13		13					12	4	16				
B.Sc. Mathematics & Philosophy														
1st year	5		5				8		1	1			5	5
2nd year	1		1					4		4				
3rd year	1	1	2											
B.Sc. Social Anthropology														
1st year	7	14	21				50	8	11	19			56	56
2nd year	5	12	17					8	13	21				
3rd year	7	5	12					5	11	16				
B.Sc. Social Psychology														
1st year	6	10	16				41	4	13	17			44	44
2nd year	6	6	12					6	8	14				
3rd year	6	7	13					7	6	13				
B.Sc. Sociology														
1st year	11	20	31				87	10	14	24			81	81
2nd year	8	22	30					9	17	26				
3rd year	7	19	26					8	23	31				
B.Sc. Chemistry & Philosophy of Science (jointly with King's College)														
1st year	3		3	3			3	1	1					1
B.A. History														
1st year	8	13	21				47	11	8	19			52	52
2nd year	10	3	13					8	12	20				
3rd year	4	9	13					11	2	13				

## Analysis of Regular and Occasional Students, 1975-77—continued

REGULAR  
STUDENTS

SESSION 1975-76

SESSION 1976-77

	Full-time Students			Part-time Students			Grand Total	Full-time Students			Part-time Students			Grand Total
	Men	Women	Total	Men	Women	Total		Men	Women	Total	Men	Women	Total	
B.A. French Studies														
1st year	3	11	14				44	3	12	15			45	45
2nd year								2	10	12				
B.A. French/ Linguistics														
1st year	2	2	4				44	2	2	4			45	45
2nd year	1	1	2					1	1	2				
3rd year (abroad)	2		2					2	1	3				
4th year		6	6							2				
B.A. German/ Linguistics														
1st year							44						45	45
2nd year	1	1	2					1	2	3				
3rd year (abroad)	1	1	2											
4th year														
B.A. French/German														
3rd year (abroad)							44						45	45
4th year	1		1											
French/Spanish														
1st year	1	1	2											
2nd year		2	2				44		2	2			45	45
3rd year (abroad)		1	1						1	1				
4th year		1	1						1	1				
B.A. German/Spanish														
1st year		1	1				44		1	1			45	45
B.A. French/Russian									1	1				
1st year		1	1						1	1				
2nd year		2	2						1	1				
3rd year (abroad)		1	1				44		1	1			45	45
4th year		1	1						1	1				
B.A. Russian/ Linguistics														
1st year														
LL.B.														
1st year	51	25	76				232	51	32	83			227	227
2nd year	45	34	79					45	23	68				
3rd year	48	29	77					44	32	76				

## Analysis of Regular and Occasional Students, 1975-77—continued

REGULAR STUDENTS	SESSION 1975-76						Grand Total	SESSION 1976-77						Grand Total
	Full-time Students			Part-time Students				Full-time Students			Part-time Students			
	Men	Women	Total	Men	Women	Total		Men	Women	Total	Men	Women	Total	
B.Sc. Social Science & Administration														
1st year	12	15	27				68	8	16	24				71
2nd year	5	17	22					11	16	27				
3rd year	4	15	19					5	15	20				
			68							71				71
M.Sc.														
1st year	373	114	487	32	14	46	1439	320	126	446	32	12	44	1412
2nd and subsequent years	38	11	49	29	10	39		51	10	61	23	14	37	
Ph.D.														
1st year	6	2	8	2	1	3					1	1	2	
2nd and subsequent years	116	46	162	77	24	101	1060	121	51	172	63	23	86	1060
M. Phil.														
1st year	101	50	151	36	16	52		96	37	133	33	10	43	
2nd and subsequent years	75	36	111	94	30	124		92	42	134	90	21	111	
			262			176				267			154	
			1054			385				1060			352	
LL.M.														
1st year	46	17	63	6	3	9		62	30	92	12	4	16	
2nd and subsequent years	4		4	9	2	11		1		1	6	3	9	
			67			20				93			25	
M.A.														
1st year	11	8	19					14	6	20	3	1	4	
2nd and subsequent years										1				
			19							21			4	
Research Fee														
1st year	70	14	84	6		6	106	55	14	69	4	4	8	
2nd and subsequent years	7	3	10	4	2	6		6		6	2	1	3	
			94			12				75			11	

## Analysis of Regular and Occasional Students, 1975-77—continued

REGULAR STUDENTS	SESSION 1975-76						Grand Total	SESSION 1976-77						Grand Total
	Full-time Students			Part-time Students				Full-time Students			Part-time Students			
	Men	Women	Total	Men	Women	Total		Men	Women	Total	Men	Women	Total	
University Postgraduate Diploma in Anthropology:														
1st year	2	3	5				8	1	3	4				10
2nd and subsequent years	2	1	3					2	4	6				
Diplomas Awarded by the School:														
Social Work Studies	11	53	64				64	8	51	59				59
Social Planning	11	2	13				13	8	3	11				11
Personnel Management	15	13	28				28	10	9	19				19
Social Administration														
1 year course	23	31	54				54	17	35	52				52
2 year course														
1st year	4	5	9											
2nd year	4	10	14				19		5	5				5
Statistics	9	2	11				11	13	1	14				14
Systems Analysis	8		8				8	8		8				8
General Course	43	31	74				74	50	25	75				75
1 year Course for Chinese Students	3	3	6				6	7	3	10				10
Trade Union Studies	9	3	12				12	16	2	18				18
TOTAL OF REGULAR STUDENTS	2115	1033	3148	295	102	397	3545	2081	1039	3120	269	94	363	3483
OCCASIONAL STUDENTS				71	45	116	116				57	28	85	85
GRAND TOTAL	2115	1033	3148	366	147	513	3661	2081	1039	3120	326	122	448	3568

Analysis of Overseas<sup>1</sup> Students in Attendance at the London School of Economics during the Sessions 1972-77

	1972-73		1973-74		1974-75		1975-76		1976-77	
Balkan States	3	(3)	1	(—)	5	(5)	5	(5)	5	(5)
Cyprus <sup>2</sup>	18	(18)	27	(27)	25	(25)	29	(29)	35	(35)
France	10	(8)	10	(8)	13	(11)	15	(14)	15	(14)
Germany	26	(26)	24	(23)	29	(29)	43	(42)	40	(40)
Greece	57	(56)	61	(61)	74	(73)	67	(67)	72	(70)
Holland	8	(8)	2	(2)	7	(4)	6	(6)	4	(4)
Italy	14	(12)	14	(13)	23	(23)	32	(32)	39	(38)
Poland	9	(9)	7	(7)	5	(5)	8	(8)	3	(3)
Russia	—		3	(3)	1	(1)	2	(2)	4	(4)
Scandinavia	27	(23)	16	(15)	26	(25)	22	(20)	23	(22)
Switzerland	5	(4)	8	(8)	15	(12)	23	(21)	14	(14)
Others	44	(43)	50	(47)	46	(41)	59	(52)	56	(55)
<i>Total Europe</i>	221	(210)	223	(214)	269	(254)	311	(298)	310	(304)
Bangladesh	5	(5)	15	(15)	16	(16)	23	(23)	18	(18)
Burma	1	(1)	1	(1)	2	(2)	—		—	
China	—		8	(8)	10	(8)	8	(8)	12	(12)
India	35	(35)	54	(51)	56	(55)	50	(50)	39	(38)
Iran	34	(33)	45	(43)	55	(50)	58	(57)	52	(52)
Israel	—		25	(25)	20	(18)	26	(25)	22	(22)
Japan	21	(19)	24	(20)	31	(29)	38	(35)	36	(35)
Malaysia	48	(48)	43	(43)	54	(54)	60	(60)	54	(54)
Pakistan	52	(51)	48	(47)	29	(29)	28	(28)	33	(33)
Singapore	18	(18)	31	(31)	30	(30)	27	(27)	24	(24)
Sri Lanka	13	(13)	8	(8)	10	(10)	9	(9)	4	(4)
Thailand	10	(9)	10	(9)	11	(10)	10	(10)	10	(10)
Turkey	18	(15)	17	(15)	22	(19)	13	(13)	9	(9)

Continued

<sup>1</sup>For comparison with the figures of previous years, the definition of an overseas student for the purposes of this table has been based on domicile, unlike the definition used in determining fees

<sup>2</sup>Previously included in Europe: Others

## Analysis of Overseas Students in Attendance at the London School of Economics during the Sessions 1972-77 (continued)

	1972-73		1973-74		1974-75		1975-76		1976-77	
Others	80	(78)	37	(37)	46	(46)	57	(56)	63	(63)
<i>Total Asia</i>	335	(325)	366	(353)	392	(376)	407	(401)	376	(374)
Ghana	8	(8)	7	(6)	7	(7)	7	(7)	6	(6)
Kenya	11	(11)	17	(17)	17	(17)	25	(25)	17	(17)
Nigeria	34	(34)	29	(28)	26	(26)	29	(29)	32	(32)
Rhodesia	7	(7)	4	(4)	12	(12)	12	(12)	6	(6)
South Africa	11	(10)	13	(12)	23	(23)	20	(19)	14	(14)
Others	31	(30)	53	(51)	57	(56)	46	(46)	46	(45)
<i>Total Africa</i>	102	(100)	123	(118)	142	(141)	139	(138)	121	(120)
Canada	158	(154)	125	(124)	122	(119)	100	(96)	111	(111)
United States	257	(245)	285	(278)	246	(230)	239	(229)	272	(265)
Others	10	(9)	24	(21)	26	(22)	18	(17)	19	(18)
<i>Total North America</i>	425	(408)	434	(423)	394	(371)	357	(342)	402	(394)
<i>West Indies</i>	9	(9)	10	(10)	14	(14)	12	(12)	5	(5)
<i>Central America</i>	13	(10)	4	(3)	6	(6)	7	(7)	10	(10)
<i>South America</i>	46	(41)	53	(48)	61	(58)	65	(59)	76	(70)
Australia	38	(37)	44	(41)	53	(51)	39	(38)	34	(32)
New Zealand	9	(8)	16	(16)	16	(16)	14	(14)	7	(7)
Others	—		1	(1)	—		—		1	(1)
<i>Total Oceania</i>	47	(45)	61	(59)	69	(67)	53	(52)	42	(40)
<b>Total</b>	<b>1198</b>	<b>(1148)</b>	<b>1274</b>	<b>(1227)</b>	<b>1347</b>	<b>(1287)</b>	<b>1351</b>	<b>(1309)</b>	<b>1342</b>	<b>(1317)</b>

The figures in brackets denote the number of Regular Students  
The United Arab Republic is now included in Africa: Others

## 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 number 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, Singapore, Tanzania, Thailand, Uganda. 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 1978 is 1 September 1977. The closing date for the receipt of applications at the U.C.C.A. is 15 December 1977, except for students who include Oxford or Cambridge in their choice of universities, who must submit their applications by 15 October 1977. 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 I 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. Higher or Lower passes in the Scottish Certificate of Education examination are accepted as equivalent to Ordinary level subjects in the G.C.E. examination. Advanced level equivalence is granted to certain subjects passed in the Certificate of Sixth-year Studies, and passes in certain branches of mathematics in the post-higher syllabus may count as equivalent to Advanced level subjects;
- 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, or the Ordinary National Diploma or Certificate.

Full Details of the entrance requirements will be found in the pamphlet *Regulations Relating to University Entrance Requirements*, 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 (Admissions) 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 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 eighteenth birthday may be asked to write to state his 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 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. any 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 at least £1600 a year in addition to the fees. They may also be asked to provide 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 120-122 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	154-69
'O' level pass in Mathematics expected	
LL.B.	194-7
No course requirement	
B.A. Geography	
'O' level pass in Mathematics expected	
B.Sc. Degree	
'O' level pass in Mathematics expected for:	
Geography	171-3
Social Psychology	181-5
Sociology	185-7
'A' level pass in Mathematics (or its equivalent if taken under an Examination Board other than London) expected for:	
Mathematics/Philosophy	179-80
Mathematics/Statistics/Computing/Actuarial Science	173-7
B.Sc. Social Science and Administration	192-3
'O' level pass in Mathematics expected	
B.A. History	198-9
'O' level pass in a foreign language, modern or classical, required.	
'A' level pass in History and 'O' level pass in another foreign language (modern, if required language is classical) expected	
B.A. French Studies	188-90
'A' level pass in French required	

## 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 134 and 215).
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 strictly limited. Only students who propose to spend one whole session at the School will ordinarily be considered.
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 not more than two 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 (Admissions) of the School. Completed applications must reach the School not later than 31 March before the opening of the session for which admission is sought. An application fee (non-refundable) of £10 (or \$20) 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 £1 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 (Admissions) of the School and return it at least four weeks before the opening of the term in which he wishes to attend.
4. Each applicant will be asked to state his qualifications for study at the School and the purpose for which he wishes to study, and he 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 his attendance a student will, on request, be given a typed certificate listing the courses for which he has been registered, but this certificate will not include a detailed record of attendance.

## 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 peaceably 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 the 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 therefor, 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 organization in a public statement or communication shall make clear his status as a student, and the status of any such organization.

### 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 organization.

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 Academic Secretary, who will investigate the matter.

Should the Academic Secretary be satisfied that a *prima facie* case exists, he 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 Academic 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 Academic Secretary in the academic year preceding the year of office, using a random selection process. In making this selection he shall seek the advice of an Appointed Teacher in Statistics of the University. He shall exclude from the selection students whose courses he anticipates will be completed during the year of selection. He 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, 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 Academic Secretary in the academic year preceding the year of office using a random selection process. In making this selection he shall seek the advice of an Appointed Teacher in Statistics of the University. He shall exclude from the selection persons who he 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. He 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 Academic Secretary shall make further selections 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 provisions 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 Academic Secretary may be carried out by a person acting under his authority. In the absence or incapacity of the Academic Secretary his functions under these Regulations may be exercised by his Deputy or by another person authorised by the Director, and references in these Regulations to the Academic Secretary shall be read to include his Deputy or any such person.

## Fees

1. The fees stated are payable for the academic year 1977-78. They may not be valid thereafter.
2. The fees stated are composition fees and cover registration, teaching<sup>1</sup>, first entry to examinations<sup>2</sup>, 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.
3. Separate fees are payable by overseas students. The definition of overseas students is given on page 134.
4. Students may pay fees by the session, or by terminal instalments.
5. The sessional or terminal fees should be paid in full before the beginning of the session or term to which they relate. Fees are not returnable, but applications for partial return of fees may be considered in exceptional circumstances. Adequate notice of withdrawal from the School should be given. Students who fail to notify the School of their withdrawal before the opening of term will be liable for the fees for that term.
6. Failure to pay fees when due may result in cancellation of a student's registration.
7. 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'.

<sup>1</sup>Composition fees do not include the cost of field work or practical work required to be undertaken in vacation or term time.

<sup>2</sup>The first entry to all examinations required by the regulations of a student's course is covered by the composition fee (save for part-time students reading for the degrees of M.Phil. and Ph.D. for whom an examination entry fee will continue to be charged up to 30 September 1978). The amounts of the fees payable on re-entry and the precise arrangements concerning them were under discussion when this edition of the Calendar went to press. Students needing information about re-entry fees for examinations should enquire at the Registry or Graduate School Office.

Full-time Students	UNITED KINGDOM		OVERSEAS	
	Sessional	Terminal	Sessional	Terminal
All first degrees General Course Trade Union Studies	£527	£182	£677	£233
M.Sc. Demography†	£777	£268	£1699	£585
M.Sc. and School Diploma in Social Planning in Developing Countries†	£777	£268	£1699	£585
School Diploma in Systems Analysis and Design	£3500	£1206	£3500	£1206
All other higher degrees, School diplomas, university diploma and research fee	£777	£268	£877	£302
Continuation fee	£90	£31	£90	£31

†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 Students	UNITED KINGDOM AND OVERSEAS	
	Sessional	Terminal
All higher degrees	£115	£40
Research Fee	£100	£35
Continuation Fee	£30	£11

### Students Registered with the Graduate School

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

(ii) The continuation fee is payable by a higher degree student who has completed his approved course of study, but has been permitted to continue his registration. It entitles him to receive advice from his supervising teacher and to attend one seminar, but not to attend any lecture courses. These arrangements apply to higher degree students after they have been registered 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 £1 per hour. Thus, for example, the fee for a course of ten lectures of one hour each is £10.

### Definition of "Overseas Students" for the Purpose of Fees

The following are not regarded as overseas students for the purpose of paying fees:

1. Any student who has been ordinarily resident in the U.K. for at least three years immediately preceding the date his course is, or was, due to begin; a student who has been in the U.K. either at school or at a course of *non-advanced* further education<sup>1</sup> is regarded as having been ordinarily resident in the U.K. during the period of such attendance.

2. Any student whose parents (or one of whose parents) have been ordinarily resident in the U.K. for at least three years immediately preceding the date his course is, or was, due to begin.

3. Any student who would have been ordinarily resident in the U.K. for at least three years immediately preceding the date his course is, or was, due to begin had he or his parents (or one of his parents) not been employed for the time being outside the U.K.

4. Any student aged under 21 at the date his course is, or was, due to begin if he and his parents (or one of his parents) have been ordinarily resident in the U.K. for at least one year immediately preceding that date.

5. Any student who for at least one year immediately preceding the date his or her course is, or was, due to begin, has been (a) ordinarily resident or on a full-time or sandwich course of higher education<sup>2</sup> in the U.K., and (b) married to a person who has been ordinarily resident in the U.K. for at least three years immediately preceding that date.

All other students are regarded for the purpose of fees as overseas students for the duration of their course, including any student who has attended a full-time or sandwich course of *higher* education<sup>2</sup> in the U.K. prior to embarking on a course at the School. (An overseas undergraduate who marries a U.K. resident may however, acquire home student status for a postgraduate course. See 5 above.)

<sup>1</sup>General Certificate of Education 'O' and 'A' level and Ordinary National Diploma courses are examples of non-advanced further education courses.

<sup>2</sup>Higher National Diploma, Diploma in Art and Design and degree courses are examples of higher further education courses.

## Scholarships, Studentships, Prizes, Bursaries

The pages immediately following give particulars of the scholarships, studentships, prizes and bursaries available to students hoping to study or already studying at the School. The information relating to them is correct at the time of going to press, but may be amended in the light of subsequent developments. Intending candidates for undergraduate awards should enquire at the Registry and those for graduate awards at the Graduate School Office.

Information about Local Authority Awards may be found in the *Handbook of Undergraduate Courses 1978-79*, available from the Registry and the Undergraduate Admissions Office.

### Scholarships and Studentships

These awards are arranged in the following categories:

(a) **Special awards** available to students following a course for a diploma in the department of Social Science and Administration.

(b) **Undergraduate awards** open only to students already studying at the School. They are normally awarded on the results of a first or second-year degree examination or on the student's record as an undergraduate.

(c) **Graduate awards** open to graduates who wish to read for a higher degree or to undertake research or advanced study.

(d) **Awards open to both undergraduates and graduates:**

(i) The S. H. Bailey Scholarship in International Studies (see page 143)

(ii) The Scholarship in International Law (see page 143)

### Entrance Scholarships

#### 1. CHRISTIE EXHIBITION

This exhibition of the value of £30 is offered annually to students reading for a diploma in the department of Social Science and Administration.

#### 2. THE DELIA ASHWORTH SCHOLARSHIP

The Delia Ashworth Scholarship, founded under the will of Miss Mary Isabel Ashworth, may be offered from time to time to enable the holder to follow a diploma course in the department of Social Science and Administration. The value is expected to be about £250 a year.

**Note** Further information about the awards at 1 and 2 and the Loch Exhibitions awarded by the University of London may be seen in the pamphlet *Department of Social Science and Administration*.

### Scholarships for Undergraduates

Provided that candidates of sufficient merit present themselves the School will award annually a number of scholarships to students whose work in their first or second years shows outstanding merit. The C. S. Mactaggart Scholarships are of the value of £215 a year and the three School Undergraduate Scholarships are of the value of £200 a year.

The scholarships will be allocated to students following first-degree courses as follows:

(a) B.Sc. (Econ.):

C. S. Mactaggart Scholarships

(b) LL.B. degree

B.Sc. in following Main Fields:

Geography  
Mathematics, Statistics and Computing  
Mathematics and Philosophy  
Social Anthropology  
Social Psychology  
Sociology

B.A. degree with Honours in History  
First degrees in the department of  
Language Studies  
B.Sc. degree in Social Science and  
Administration

Three School Undergraduate  
Scholarships

Regulations for Undergraduate Scholarships at (a) and (b):

- (i) They shall normally be open only to registered students of the School who have completed not less than one year of a first degree course at the School.
- (ii) Awards shall be made only if there are candidates of sufficient merit.
- (iii) The scholarships shall be tenable for one or more years, extension beyond the first year being dependent upon the high standard of progress required of a School scholar.
- (iv) Students who have completed at least one year of a degree course will be considered automatically. Selected candidates may be required to attend for interview at the beginning of the Michaelmas term of their second year.

#### HAROLD LASKI SCHOLARSHIP

A scholarship in memory of Professor Harold Laski will be offered for award annually to second and third-year undergraduate students working within the Government department. It will be awarded to the student who, in the opinion of the convener of the department, has written the best essay during the current session. Essays will be submitted through tutors within the department by the beginning of the Summer term.

The value of the scholarship will be the income of the fund for the preceding year and will normally be about £60.

Undergraduates will be considered automatically and the successful candidate will be informed. An award will be made only if there is a candidate of sufficient merit.

#### LILIAN KNOWLES SCHOLARSHIP

An undergraduate scholarship will be offered by the School annually. The value of this scholarship will be the income of the fund for the preceding year and will normally be about £60.

The regulations for this scholarship are:

(a) It shall be awarded on the results of Part I of the B.Sc. (Econ.) examination to the student of the School intending to offer Economic History as his special subject in Part II of the examination and achieving the best results among such students in Part I of the examination as a whole. An award shall be made only if there is a candidate of sufficient merit.

(b) The scholarship shall be tenable for one year.

(c) The scholarship shall be awarded in the Autumn each year.

Candidates need not make special application; they will be considered automatically and the successful candidate will be informed.

#### BRYCE MEMORIAL SCHOLARSHIP

The Clothworkers' Company offers annually, until further notice, in memory of the late Lord Bryce, a Bryce Memorial Scholarship in History or in Laws of the value of £80.

The conditions for this scholarship are:

1. Candidates must be internal students of the University.
2. Candidates must have completed the first year of a course as internal students of the University, and must be about to commence the second year of a course leading to the B.A. degree in History or to the LL.B. degree.
3. The scholarship will be tenable for one year.

No application is required. The Director will nominate candidates, who will be told when their names have been submitted.

#### CLOTHWORKERS' COMPANY'S EXHIBITIONS

The Clothworkers' Company has established one or more annual exhibitions. The value is variable, but will normally be £80 a year.

No application is required. The Director will nominate candidates, who will be told when their names have been submitted.

#### METCALFE SCHOLARSHIP

A scholarship, founded under the will of Miss Agnes Edith Metcalfe, is awarded annually by the University of London, provided a candidate of sufficient merit presents herself. The value of the scholarship is £40 per annum.

The conditions for this scholarship are:

1. Candidates must be women students who have passed the examination for Part I of the B.Sc. (Econ.) degree.
2. The successful candidate will be required to work as a full-time student of the School for the B.Sc. (Econ.) degree.
3. The scholarship will be tenable for one year.

No application is required. Students selected for interview will be informed.

#### STERN SCHOLARSHIPS IN COMMERCE

(These regulations are under review)

Two Sir Edward Stern Scholarships each of the value of not less than £100 will be awarded annually in October.

No application is required. Students selected for interview will be informed.

#### GRAHAM WALLAS MEMORIAL SCHOLARSHIP

A Graham Wallas Memorial Scholarship, founded by friends of the late Professor Graham Wallas for the encouragement of studies in his particular field of learning, will be offered from time to time. The scholarship will be of the value of £40 a year.

The conditions for this scholarship are:

1. The scholarship is open to any student working as an internal student of the University for the B.Sc. (Econ.) (with the special subject of Government or Sociology), the B.Sc. (Sociology), the B.A. degree in Sociology, or the B.A. degree in Psychology or the B.Sc. degree in the Faculty of Science with main field Psychology, or the B.Sc. degree in the Faculty of Economics with main field Social Psychology, and who has completed satisfactorily one year of the course for the relevant degree in the University.
2. The scholarship will be tenable in the first instance for one year, but may be renewed on application.

Applications for the scholarship on a prescribed form, addressed to the Academic Registrar, University of London, Senate House, WC1E 7HU, and accompanied by the names and addresses of not more than two referees must reach the University not later than 1 September in the year of award.



## Graduate Studentships

All students are advised that competition for these studentships is very keen. They should not come to the School in the expectation of securing an award. They must have sufficient resources to maintain themselves for their course of study at the School. Many awards are not made until the beginning of the session for which they are offered and final selection is by competitive interview at the School.

### GRADUATE STUDENTSHIPS IN ECONOMICS<sup>1</sup>

Graduate Studentships will be offered for full-time advanced study in Economics, widely interpreted. These studentships are intended to enable recent graduates to spend at least a year in the Graduate School in organized courses or supervised research.

The regulations for these studentships are:

1. They shall be open primarily to graduates of United Kingdom universities with first or good second class honours degrees in Economics, or other appropriate subjects, who obtain such degrees in the year of award.
2. Each studentship shall be tenable for one year in the first instance, but may in a limited number of cases be extended for not more than two further years.
3. Each studentship shall be of the value of £1,850 a year in the first year, together with all appropriate fees. The value of the studentship may be increased if it is renewed for a second or third year.
4. Each holder of a studentship shall be required to register as a full-time student in the Graduate School and to follow a prescribed course of study or undertake approved research.
5. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £700 per annum.

Applications should be made by letter to the Secretary of the Graduate School by 1 March.

Those who have already applied for admission to the School for the M.Sc. in Economics and have stated on their application form that they wish to be considered for one of these studentships need take no further action.

### C. K. HOBSON STUDENTSHIPS IN ECONOMICS

Graduate Studentships in Economics founded in memory of Mr. C. K. Hobson, a former student of the School, may be offered annually for full-time advanced study in Economics.

The regulations for these studentships are:

1. They shall be open primarily to graduates of United Kingdom universities with first or good second class honours degrees in Economics, or other appropriate subjects, who obtain such degrees in the year of award.
2. Each studentship shall be tenable for one year in the first instance.
3. Each studentship shall be of the value of £1,850 a year in the first year, together with all appropriate fees.
4. Each holder of a studentship shall be required to register as a full-time student in the Graduate School and to follow a prescribed course of study.
5. The holder of a studentship shall undertake no paid employment without the

<sup>1</sup>'Economics' may be interpreted to include Statistics in relation to Economics, Econometrics, Operational Research, parts of Accounting and certain aspects of Economic Geography, Economic History and Industrial Relations.

permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £700 per annum.

Applications should be made by letter to the Secretary of the Graduate School by 1 March.

Those who have already applied for admission to the School and have stated on their application form that they wish to be considered for one of these studentships need take no further action.

### GRADUATE STUDENTSHIPS

Two Graduate Studentships may be offered annually for graduate work in the social sciences.

The regulations for these studentships are:

1. They shall be open to graduates of any university.
2. Each studentship shall be of the value of £1,655 together with all appropriate fees.
3. Successful candidates shall be required to register as full-time students of the School and to obtain the approval of the Director for the advanced study or research which they propose to undertake.
4. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £700 per annum.
5. Each studentship shall be tenable for one year in the first instance, but may be renewed for a second year subject to satisfactory progress.
6. Awards shall be made only if there are candidates of sufficient merit.

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 1 September. Candidates should submit an outline of their proposed programme of advanced study or research and are also invited to send original work, either published or in typescript, in support of their application.

### GRADUATE STUDENTSHIPS IN SOCIAL STUDIES

Owing to the generosity of an anonymous donor who wishes to promote Anglo-Japanese friendship, the School may offer annually, for a limited period, two studentships for graduate work in fields of study available at the School.

The regulations for these studentships are:

1. They shall be open to graduates of any university.
2. Each studentship shall be of the value of at least £2,000 together with all appropriate fees.
3. Successful candidates shall be required to register as full-time students of the School and to obtain the approval of the Director for the advanced study or research which they propose to undertake.
4. Each studentship shall be tenable for one year in the first instance.
5. Awards shall be made only if there are candidates of sufficient merit.
6. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £700 per annum.

Applications should be made on a form obtainable from the Secretary of the Graduate School to whom it must be returned by 1 March. Candidates should submit an outline of their proposed programme of advanced study, or research and are also invited to send original work, either published or in typescript, in support of their application.

### THE JACKSON LEWIS SCHOLARSHIP

The Jackson Lewis Scholarship, founded under the will of Mr. H. L. Jackson, a

former student, will be offered every other year to assist the holder to undertake graduate work in the social sciences; the next scholarship may be offered in 1979.

The regulations for this scholarship are:

1. It shall be open to graduates of any university.
2. The scholarship shall be of the value of at least £450 a year.
3. The successful candidate shall be required to register as a full-time student of the School and to obtain the approval of the Director for the advanced study or research which he proposes to undertake.
4. Subject to satisfactory progress the scholarship shall normally be tenable for two years.
5. An award shall be made only if there is a candidate of sufficient merit.

Applications should be made on a form obtainable from the Secretary of the Graduate School and must be returned to her by 1 September. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, either published or in typescript, in support of their application.

#### MONTAGUE BURTON STUDENTSHIPS IN INTERNATIONAL RELATIONS

*(These regulations are under review)*

The School offers annually one or more graduate studentships, each of the value of £40, to enable the holders to pursue research, or to read for a higher degree in International Relations under the direction of the Montague Burton Professor of International Relations.

The regulations for these studentships are:

1. The awards shall be open to graduates in the Humanities or the Social Sciences of any university.
2. Applicants need not necessarily have any formal grounding in any particular branch of International Studies.
3. In awarding the studentships the School shall have regard to the desire of those who founded this endowment by giving preference to those students who wish to qualify themselves for university teaching in International Relations, the subject in which the Montague Burton Professorship was established.
4. The awards shall be tenable for up to two years.
5. In exceptional circumstances, the School may grant a maintenance allowance to the holder of one of these studentships.
6. In the case of a studentship with a maintenance grant, the holder shall undertake no paid employment without the permission of the Director; appropriate deductions will normally be made from the value of the award in any case where the total income from all other sources exceeds £700 per annum.

Applications for the awards should be made on a form obtainable from the Secretary of the Graduate School and must be returned to her by 1 September.

#### NOEL BUXTON STUDENTSHIP IN INTERNATIONAL RELATIONS

With the aid of a grant provided by the Noel Buxton Trust, a Research Studentship in International Relations tenable at the London School of Economics and Political Science has been established for a limited period.

The regulations for the studentship are:

1. It shall be open to men and women who are graduates of a university.
2. The field for research or study shall be any subject calculated to promote the better understanding of the problems of international peace and security (including disarmament). Some preference, however, may be given to subjects associated with one or other of the more urgent international problems of the day.
3. The holder of the studentship shall be required to follow an approved course of

study or research in the field defined in regulation 2, whether leading to a higher degree or not.

4. The value of each studentship shall not exceed £2,500 a year. It shall normally be held for a period of not less than two years at a time.
5. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £700 per annum.

Applications should be made on a form obtainable from the Secretary of the Graduate School and must be returned to her by 10 May in the year of the award. Applicants should give full particulars of their career and interest in the relevant field of study.

#### HUTCHINS STUDENTSHIP FOR WOMEN

A studentship for women students will be offered for award every fourth year. Its value will be the income of the Hutchins Fund for the four preceding years and will normally be about £500. It is intended to promote the execution of definite pieces of original work preferably in Economic History, or if no suitable candidate is forthcoming in that field, in some branch of the social sciences. The next studentship may be offered in 1978.

The regulations for this studentship are:

1. The studentship shall be open to women students who are graduates or who possess the necessary qualifications to undertake research.
2. The subject of research shall be approved by the Director of the School.
3. Each holder of the studentship shall be required to register as a full-time student of the School and shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £700 per annum.
4. The studentship shall be tenable for one year only.
5. The studentship shall be awarded only if there is a candidate of sufficient merit. If there is no such candidate, the studentship shall be offered for award in the next following session; but this shall not affect the value of the studentship awarded on that occasion or the date of the next regular offer.

Applications should be made on a form obtainable from the Secretary of the Graduate School. The closing date for entry is 1 September in the year of award.

#### EILEEN POWER STUDENTSHIP

An Eileen Power Studentship in Social and Economic History founded by the friends of the late Professor Eileen Power will be awarded from time to time as funds permit. The studentship is designed for students of graduate standing. It is not conditional upon registration for a higher degree.

The studentship will be of the value of at least £850, and will be tenable with other emoluments. In years in which the full studentship is not awarded, applications for grants may be considered.

The regulations for this studentship are:

1. The student shall be elected by a Selection Committee appointed by the Committee of Management.
2. The studentship shall be open equally to men and women.
3. The studentship shall be tenable from October of the year of award for one year.
4. Candidates for the studentship must submit, with their applications, full particulars of their qualifications, the names of two referees and a brief scheme of study of some subject in Social or Economic History. Preference will be given to candidates who propose to undertake research in the Economic or Social History of some country other than the country of their usual residence.

5. If a student registered at the School holds this studentship, he shall undertake no paid employment without the permission of the Director. Appropriate deductions may be made from the value of the studentship in any case where the total income from all other sources exceeds £1000 per annum.

Enquiries should be addressed to the Secretary of the Graduate School.

#### REES JEFFREYS STUDENTSHIP IN TRANSPORT

The School will offer for award annually one studentship in Transport provided in part from funds from an endowment created for the purposes of the studentship by the late Mr. Rees Jeffreys and in part by the trustees of the Rees Jeffreys Road Fund.

The regulations for this studentship are as follows:

1. It shall be open both to men and women who are graduates of a university, and also to persons who are or have been engaged in the operation or administration of transport, the construction of transport facilities or the manufacture of transport equipment.

2. The field for research or study shall be in subjects relating to the economics of transport, and to the balanced development of the various forms of transport.

3. The holder of the studentship shall be required to register at the School as a full-time student and to undertake advanced study or research; his programme of work must have the approval of the Director.

4. The value of the studentship shall not exceed £2,750 a year (from which fees at the current rate will be deducted).

5. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £700 per annum.

6. The studentship shall be tenable at the School for one year in the first instance, but can in appropriate circumstances be renewed for a second year.

Applications for the studentship should be made on a form obtainable from the Secretary of the Graduate School and must be returned to her by 30 April.

#### ROSEBERY STUDENTSHIP

(This studentship may be held in addition to other awards.)

A Rosebery Studentship of the value of at least £200 a year will be offered for award by the School for graduate work in the social sciences. Preference will be given to candidates including some aspect of transport in their studies.

The regulations for this studentship are:

1. The studentship shall be open to graduates of any university.

2. The successful candidate shall be required to register as a graduate student of the School and to obtain the approval of the Director for the advanced study or research which he proposes to undertake.

3. The studentship shall be tenable for one year in the first instance, but may be renewed.

4. An award shall be made only if there is a candidate of sufficient merit.

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 1 September. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, either published or in typescript, in support of their application.

#### ACWORTH SCHOLARSHIP

(This scholarship may be held in addition to other awards.)

An Acworth Scholarship of the approximate value of £150 a year will be offered for award by the School for graduate work relating to inland transport subjects

The regulations for this scholarship are:

1. The scholarship shall be open to graduates of any university.

2. The successful candidate shall be required to register as a graduate student of the School and to obtain the approval of the Director for the advanced study or research which he proposes to undertake.

3. The scholarship shall be tenable for one year in the first instance, but may be renewed.

4. An award shall be made only if there is a candidate of sufficient merit.

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 1 September, together with the names of two referees. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, either published or in typescript, in support of their application.

#### S. H. BAILEY SCHOLARSHIP IN INTERNATIONAL STUDIES and SCHOOL SCHOLARSHIP IN INTERNATIONAL LAW

(These two scholarships are open to undergraduates and graduates.)

These two scholarships are offered for award in alternate years. Each is of the value of £100. They are open to men and women who are regular students and who, as internal students of the University of London, are registered for first or higher degrees at the School. They are intended to contribute to enabling the successful students to attend a session at the Academy of International Law at The Hague, or, in the case of the S. H. Bailey Scholarship, to attend any other institute of international study or to gain experience of some suitable international organization on a plan to be approved by the Director. They will be awarded only if there are candidates of sufficient merit, and candidates should make a written application to the Senior Assistant Registrar before 1 May in the year of award.

#### STATE STUDENTSHIPS

The Department of Education and Science offers Major State Studentships and State Studentships for research or advanced study in the Humanities.<sup>1</sup> The awards are open to graduates of British universities or students of such universities expecting to graduate; or to holders of a degree of the Council for National Academic Awards or students expecting to obtain such a degree. Candidates who are proceeding to graduate studies immediately after undergraduate studies, must have been ordinarily resident in England or Wales for at least three years immediately preceding the start of the undergraduate studies.<sup>2</sup> They have at present a basic value for at least 44 weeks' full-time study in a year of £1,655 (for a student attending an institution in London and living in College hostel or lodgings, or a student married to another full-time student and not living in the parental home of either). If the student lives in the parental home the rate is £1,075. The State Studentships also cover tuition and examination fees; and travel allowances and certain other expenses. In assessing the values of the award account is taken of any income and other means of support available to the student but no account is taken of the income of the student's parents; a contribution according to income may be required from the husband or wife of a married student.

The awards are made by the Department of Education and Science each summer on the basis of recommendations made by British universities during the Lent term. Students of the School who wish to undertake graduate work with the aid of

<sup>1</sup>Students wishing to do graduate work at the School in History (excluding Economic and Social History), Language Studies, Law or Philosophy should apply for a State, or Major State Studentship.

<sup>2</sup>In other cases, students must have been ordinarily resident in England or Wales for at least three years immediately preceding the start of the graduate studies, ignoring for this purpose any period spent on the undergraduate studies.

State studentships of either kind should apply to the Senior Assistant Registrar by a date in the Lent term which will be announced on the scholarships notice-board in the main entrance hall of the School. Every student seeking nomination must be supported by two sponsors, normally members of the teaching staff.

*Students may not apply direct to the Department of Education and Science.*

#### SOCIAL SCIENCE RESEARCH COUNCIL ADVANCED COURSE AND RESEARCH STUDENTSHIPS

The Social Science Research Council offers Research Studentships and Advanced Course Studentships for research or advanced study in the Social Sciences. For the purposes of these awards the Social Sciences are defined as the following subjects:

Accountancy	Industrial Relations
Anthropology	International Relations
Demography	Political Science
Economics	Regional Planning
Econometrics	Social Psychology
Economic and Social History	<sup>4</sup> Social Administration
European Studies	Sociology
<sup>3</sup> Human Geography	Social Statistics

Generally, applicants for S.S.R.C. Studentships or their parents must have been ordinarily resident in Great Britain for at least three years immediately preceding the start of postgraduate studies, hold a second class (upper division) honours degree. If neither parent has been so resident, the three-year period must exclude any period of full-time education. Non-British subjects must also be graduates of a university in the United Kingdom. Candidates must be nominated for an award by the authority of the college at which the award is to be held. Confirmation of the awards will not be given by the S.S.R.C. until the degree results are known. Students who would like to obtain one of these studentships should state that they wish to do so when applying to the Secretary of the Graduate School for admission.

*Students cannot apply direct to the S.S.R.C.*

#### SCIENCE RESEARCH COUNCIL ADVANCED COURSE AND RESEARCH STUDENTSHIPS

The School does not, at present, get any quota awards from the Science Research Council.

#### METCALFE STUDENTSHIP

A studentship, founded under the will of Miss Agnes Edith Metcalfe, is awarded annually by the University, provided a candidate of sufficient merit presents herself. Until further notice the value of the studentship will be not less than £120 and not more than £500 in the case of a full-time student, and not less than £60 in the case of a part-time student. Candidates who do not know the result of their degree examinations may make provisional application.

The conditions of eligibility and award for this studentship are:

1. The studentship is tenable at the School and is open to any woman who has graduated in any university of the United Kingdom.
2. The successful candidate will be required to register as a student of the School and undertake research in some social, economic or industrial problem to be approved by the University. Preference will be given to a student who proposes to study a problem bearing on the welfare of women.

<sup>3</sup>Excluding Cartography and Physical Geography.

<sup>4</sup>Excluding Option B.

3. The studentship is tenable for one year in the first instance, but may be renewed for a second year.

Applications must be received not later than 31 October in the year of award, by the Secretary of the Scholarships Committee, University of London, WC1E 7HU, from whom further particulars and application forms may be obtained.

#### LEON FELLOWSHIP

1. The Leon Fellowship has been founded under the will of Mr. Arthur Lewis Leon for the promotion of postgraduate or advanced research work in any subject, but preferably in the field of Economics or Education. The fund will be administered by the Leon Bequest Committee, hereinafter referred to as the Committee.

2. The following provisions are fundamental in the management of the fund:

(a) No qualifications or conditions of religious, political or economic opinions, party or creed, or of race or nationality, sex or marriage shall be attached to the grant or holding of any studentship or fellowship or the receipt of any grant or stipend.

(b) No part of the income of the Trust fund shall be applied in payment of the costs of the printing and publication of reports and such like matters (other than such reports or accounts as are hereby expressly provided for and the reports or treatises of any holder of any studentship or fellowship or recipient of any grant or stipend).

(c) The benefits of the Trust fund shall be open equally to men and women without limit of age whether or not they are members or graduates of any university and shall not be confined to residents within the Administrative County of London or within the appointed radius of the University.

3. The fellowship will be of the value of not less than £1,200 a year and will be awarded from time to time as advertised in the public press. The award will be made for one year in the first instance, but may be renewed for a second year.

4. Candidates for the fellowship need not be members or graduates of a university, but must be in possession of qualifications which would enable them to undertake research of the kind indicated in section 1 above.

5. Candidates must submit a scheme of work for the consideration of the Committee; selected candidates may be required to attend at the University for an interview with the Committee.

6. Applications must be typewritten, and made in the following form:

- (a) Name in full; age; address; present occupation
- (b) Qualifications for research and titles of any published work
- (c) Short particulars of education and previous career
- (d) Nature of proposed research
- (e) Grants received, if any, for same object
- (f) Place where it is proposed to carry out the research
- (g) Names and addresses of not more than two persons to whom reference may be made
- (h) Any additional information which the candidate may desire to give in support of his application, in as short a form as possible.

7. The fellowship will be awarded by the Committee, who may obtain the assistance of such assessors as they consider necessary.

8. The amount of the fellowship will be paid in instalments at such times as may be decided in each case, each instalment (with the exception of the first, which will be paid in advance) being payable only on receipt by the Committee of evidence that the holder of the fellowship is satisfactorily pursuing his research.

9. The Fellow will be required at the expiration of the tenure of the fellowship to make a report to the Committee, and all published papers containing the results of researches carried out with the aid of the fellowship shall include a statement to the effect that the author is a Leon Fellow of the University of London.

10. Applications must be received by the Secretary, Scholarships Committee, Senate House, University of London on or before 1 February in the year of the award.

#### INSTITUTE OF COMMONWEALTH STUDIES JUNIOR RESEARCH FELLOWSHIPS

1. The Institute offers the Henry Charles Chapman Junior Research Fellowship and the Dame Lillian Penson Junior Research Fellowship in Commonwealth Studies for research relating to the history, or to the contemporary social, economic, or political problems of the Commonwealth or any overseas part of it.
2. The annual value of the Junior Research Fellowships will be not less than £1,100. In addition, University of London tuition fees may in some cases be paid where these fees have not otherwise been provided for.
3. The fellowships will normally be awarded to full-time students registered for a research degree who, at the time they take up the fellowship, will be in at least the second year of their research. Each fellowship will be tenable for one year, with the possibility of renewal for a second year.
4. Applications (five copies) on the prescribed form, should reach the Assistant Secretary, Institute of Commonwealth Studies, 27 Russell Square, London, WC1B 5DS, not later than 31 January.

#### UNIVERSITY POSTGRADUATE STUDENTSHIPS

(I) A number of Postgraduate Studentships of £1,380 a year, plus tuition and registration fees and payment of higher degree examination fees and a grant of up to £50 towards the cost of producing a thesis, will be awarded annually by the University provided candidates of sufficient merit present themselves. The conditions of award and eligibility for these studentships are:

1. Candidates must be internal or external graduates of the University, in any faculty.
2. Candidates must have taken their first degree not more than three years prior to the date of the award.
3. The studentships are tenable for one year or for two years in the first instance.

Applications must be received by the Secretary to the Scholarships Committee, University of London, WC1E 7HU, not later than 1 March in the year of award. Further information may be obtained from him.

(II) The University also offers a small number of studentships available for award in any subject as follows:

1. The studentships are open to internal and external students who obtain first class honours at their final examinations for Bachelor's degrees, and who do not obtain U.K. national postgraduate awards.
2. Successful candidates must satisfy the University of their intention to pursue a full-time course of advanced study or research.
3. The holders of the studentships will normally be required to carry out their work in a school or institute of the University.
4. The studentships are tenable from the beginning of the session immediately following the final Bachelor's degree examinations and extend for one or two years in the first instance.
5. The value of the studentships is £1,380 a year plus tuition and registration fees, higher degree examination fees and a grant of up to £50 towards the cost of producing a thesis.

No special application need be made. The awards will be made by the University Scholarships Committee after considering recommendations made by the School.

Further information can be obtained from the Secretary to the Scholarships Committee, University of London, WC1E 7HU.

#### WILLIAM LINCOLN SHELLEY STUDENTSHIP

The William Lincoln Shelley Studentship founded under the will of Mr. William Lincoln Shelley, will be awarded from time to time to a graduate of the University of London for research in any subject. Until further notice the value of the studentship will be £275 a year plus a grant of £1,105.

The regulations for this studentship are as for University Postgraduate Studentships (I).

#### UNIVERSITY POSTGRADUATE TRAVELLING STUDENTSHIPS

A number of Postgraduate Travelling Studentships will be awarded annually by the University if candidates of sufficient merit present themselves.

The conditions of eligibility for these studentships are:

1. Candidates must be internal or external graduates of the University, in any faculty.
2. Candidates must not have completed their 28th year on or before 1 June in the year of award.
3. Each candidate must submit for the approval of the University a scheme of research, the prosecution of which requires attendance at a particular institution abroad, where the candidate would, if elected, spend the year of tenure.
4. The value of the studentships will be fixed in relation to the estimated expenses of the successful candidates.
5. The studentships will be tenable for one year.

Applications must be received by 1 March in the year of award by the Secretary to the Scholarships Committee, University of London, WC1E 7HU, from whom further information can be obtained.

**Note** Candidates are not eligible to apply until the session after they have graduated in this University.

#### DERBY STUDENTSHIP

A Derby Studentship in History will be awarded annually by the University on the results of the final examination for the B.A. Honours degree. The value of the studentship will be £100 and it will be tenable for one year. It can be held concurrently with a University Studentship awarded on the results of the final examination, or other award. No special application is necessary; the studentship will be awarded by the Scholarships Committee after considering reports from the examiners.

#### GERSTENBERG STUDENTSHIP

A Gerstenberg Studentship will be awarded annually by the University on the results of the final examination for the B.Sc. (Econ.) degree. The value of the studentship will be £100 and it will be tenable for one year. It can be held concurrently with a University Studentship awarded on the results of the final examination, or other award. No special application is necessary; the studentship will be awarded by the Scholarships Committee after considering reports from the examiners.

#### MADGE WALEY JOSEPH SCHOLARSHIP

1. The Madge Waley Joseph Memorial Postgraduate Scholarship for Women, founded by the friends of the late Mrs. Madge Waley Joseph, of the value of approximately £40 for one year, will be offered annually to a woman student at either Bedford College or the London School of Economics and Political Science, taking a one-year postgraduate course in the Department of Sociology, Social Studies and Economics at Bedford College, or in the department of Social Science and Administration at the London School of Economics, in preparation for subsequent work in social service.

2. The scholarship will be offered alternately in Bedford College and the London School of Economics, and candidates must be nominated by the head of the relevant school. Nominations must reach the Secretary to the Scholarships Committee not later than 30 November in the year of award.

#### CENTRAL RESEARCH FUND

The Senate of the University has at its disposal a Research Fund from which grants may be made to students of the University. Such grants will be made for specific projects of research, being intended to cover approved expenses and for the provision of materials and apparatus not otherwise available to the applicant. Applications must be received not later than 31 March, 15 September or 15 December.

Further information may be obtained from the Secretary, Central Research Fund, University of London, WC1E 7HU.

#### AWARDS FOR STUDY IN THE U.K. AND ABROAD

Many scholarships, studentships and fellowships, for which students of the School are eligible, are offered by or are tenable at universities both at home and overseas. Several awards are also available for vacation courses abroad. Particulars of these are posted on the scholarships notice-board in the main entrance hall of the School.

### Prizes

Offered by the School and open only to students of the School.

#### Allyn Young Prize

In memory of the late Professor Allyn Young, a prize in books will be awarded annually to a student who has passed Part I of the B.Sc. (Econ.) examination, for the best performance in two papers one of which must be taken from the following papers in Group I: (a) Economics A; (b) Economics B; (c) Introduction to Mathematical Economics; and the other from the following papers in Group III: (a) Elements of Statistical Methods; (b) Elementary Statistical Theory; (c) Quantitative Methods for Economists. The value of the prize will normally be about £10. It will be awarded only if there is a suitable candidate.

#### Hughes Parry Prize

The Hughes Parry Prize, of books to the value of about £25, may be awarded annually to a regular student of the School achieving an outstanding performance in the subject of Law of Contract in the College Intermediate examination in Laws. This prize commemorates the work of the late Sir David Hughes Parry, Professor of English Law from 1930 to 1959 and first Director of the Institute of Advanced Legal Studies.

#### Maxwell Law Prize

Messrs Sweet and Maxwell Limited offer an annual prize consisting of books, published by themselves, to the value of £50, to a student reading for the LL.B. degree at the School who shows conspicuous merit in the Part I examination. Candidates<sup>1</sup> must be regular students of the School who are also internal students of the University. The award will be made only if there is a suitable candidate.

#### Raynes Undergraduate Prize

A prize in books, provided through the generosity of the late Mr. Herbert Ernest Raynes, will be awarded annually to the student of the School who obtains the best marks in Part II of the B.Sc. (Econ.) final examination. The value of the prize will be the income of the fund for the year preceding the award, and will normally be about £21.

#### William Farr Prize

Through the generosity of the late Mr. W. J. H. Whittall, a prize consisting of a medal and books is offered annually in memory of Dr. William Farr, C.B., F.R.S. It will be awarded for proficiency and merit in the special subject of Statistics or Computing<sup>2</sup> at Part II of the B.Sc. (Econ.) final examination the award to be restricted to regular students of the School, who have pursued a course of study at the School as internal students of the University of London. The original provision was made for the prize to consist of a silver medal and books. In years in which the fund is insufficient to cover the cost of both medal and books, the successful candidate will be consulted about arrangements for the prize, the value of which will not exceed the preceding year's income of the Fund, approximately £25.

#### The Gonner Prize

A prize is offered annually in memory of the late Professor Sir Edward Gonner, Professor of Economic Science in the University of London from 1891 to 1922, and Director of Intelligence in the Ministry of Food from 1917 to 1921. The value of the prize will be the income of the fund for the year preceding the award and will normally be about £10. It will be awarded to the student who shows conspicuous merit in the special subject of Economics, Analytical and Descriptive, or Mathe-

<sup>1</sup>No student who has received a Maxwell Law Prize shall be eligible to receive a second Maxwell Law Prize.

<sup>2</sup>Students who are offering the special subject Computing will be eligible for the award if they offer the paper Probability, Distribution Theory and Inference.

mathematical Economics and Econometrics, or Monetary Economics, or Industry and Trade, or International Trade and Development, or Economic Institutions and Planning in Part II of the B.Sc. (Econ.) degree final examination. The prize will be given in books, and is restricted to registered students of the School who have pursued a course of study at the School as internal students of the University. It will be awarded only if there is a suitable candidate.

#### **The George and Hilda Ormsby Prizes**

Three prizes will be offered annually in memory of Dr. Hilda Ormsby and her husband George Ormsby and will be open to students in the Department of Geography who are registered as Internal students of the University of London:

- (i) A prize to the value of £35 will be awarded to the candidate whose performance is judged the best, either in the B.Sc. (Econ.) Part II examination with Geography as the special subject, or in the examination for the B.A./B.Sc. degree by course units in the Main Field of Geography.
- (ii) A prize to the value of £35 will be awarded for the best piece of original work submitted by a student in the Department of Geography during his undergraduate course; students will be allowed to submit, for example, work completed for the independent geographical study offered as part of the honours course, original field work, work published in *Horizon* or elsewhere, or other original geographical work completed during the undergraduate course. Submissions for this prize will normally be required by 1 June each year.
- (iii) An Ormsby Prize for Graduate Students to the value of about £45 a year may be awarded to a student reading for a higher degree (M.Sc., M.Phil., Ph.D.) in Geography. Students with specific projects involving travel, field survey or other research purposes will be considered but preference may be given to students unable to obtain financial assistance for their projects from other sources. Application should be made to the Convener by 1 March each year. These awards will be made only if there are candidates of sufficient merit.

#### **S. W. Wooldridge Memorial Awards**

Awards may be made annually from the S. W. Wooldridge Memorial Fund, established by contributions from present and past students and friends of the Joint School of Geography of King's College and the London School of Economics and Political Science. The awards are made to assist independent projects of field study by students registered in the Joint School and are not available to assist students with prescribed field work or dissertation topics.

A brief summary of up to 500 words of a proposed project must be submitted to the convener of the department of Geography before 10 June.

#### **Geoids Book Prize in Memory of S. W. Wooldridge**

Members of the Geoids Amateur Operatic Society, founded in 1930 by Professor S. W. Wooldridge, have subscribed to a fund in his memory, from which an annual book prize may be awarded. Further information may be obtained from the convener of the department of Geography at the School.

#### **Premchand Prize**

A prize of about £40 awarded through the generosity of Sir Kikabhai Premchand of Bombay, is offered annually to a student who shows conspicuous merit in the special subject of Monetary Economics at Part II of the final B.Sc. (Econ.) examination. The prize is restricted to registered students of the School whose course of study has been pursued as internal students of the University. It will be awarded only if there is a suitable candidate.

#### **The Arthur Andersen Prize in Accounting**

A prize of the value of about £15 in books is offered annually to the regular student of the School who, as a candidate for the B.Sc. (Econ.) degree in the special subject

of Accounting and Finance, is judged by the staff of the School who are examiners in that special subject to be the best of his year in the papers in Accounting. This prize will be awarded only if a candidate of sufficient merit presents himself.

#### **The Bassett Memorial Prizes**

Two prizes will be offered annually in memory of Professor R. Bassett, Professor of Political Science: (i) a prize of books to the value of £20 to the regular student of the School who, as a candidate for the B.Sc. (Econ.) degree, with Government as his special subject, is judged to be the best of his year; special consideration will be given to conspicuous merit in the paper or papers relating to the government of Great Britain; (ii) a prize of books to the value of £10 to the Trade Union student who is judged to have achieved the best performance of his year in Trade Union Studies.

#### **Hobhouse Memorial Prize**

A prize of about £15 in books is offered annually in memory of the late Professor L. T. Hobhouse, Martin White Professor of Sociology at the School from 1907-1929. The prize will be awarded to a student who shows conspicuous merit in the final examination for the B.Sc. degree: Main Field Sociology, or the B.Sc. (Econ.) with Sociology in Part II of the final examination. Candidates must be regular students of the School who are also internal students of the University. The award will be made only if there is a suitable candidate.

#### **Mostyn Lloyd Memorial Prize**

The Committee of the Mostyn Lloyd Memorial Fund offers annually a prize of about £20 in memory of the late Mr. Mostyn Lloyd, who was head of the department of Social Science from 1922 until 1944. It is awarded by the Director, on the recommendation of the convener of the department of Social Science and Administration, to the best all-round student or students obtaining the Diploma in Social Administration in each year. Both academic achievement and practical work are taken into consideration. The prize will be awarded only if there is a suitable candidate.

#### **The Janet Beveridge Awards**

Two prizes are offered annually by the Trustees of the Janet Beveridge Memorial Fund: (i) a prize in books of about £20 to a regular student of the School who, being an internal student of the University, achieves conspicuous merit in the final examination for the B.Sc. degree in Social Science and Administration; (ii) a prize in books to the value of about £20 to a student who shows conspicuous merit, in either the first or second years of this degree course. The award will be made only if there are suitable candidates.

#### **Gladstone Memorial Prize**

The Trustees of the Gladstone Memorial Trust offer an annual prize of £50 for an essay set within the terms of the Trustees' essay formula. This demands that 'the subject of the Essay shall be connected with either History or Political Science or Economics, and with some aspect of British policy, domestic, international or foreign, in relation to finance or other matters, from the beginning of the nineteenth century to the present time'. The prize is open to all regular students registered at the School for the session preceding the date of entry, which will be 30 November in each year. The subjects of the essay are announced annually in the Lent Term. In considering the essays submitted, the committee of award will take into account the age and standing of the candidates.

Essays, which should not exceed 8,000-10,000 words in length, should reach the Senior Assistant Registrar not later than 30 November in each year.

### **Bowley Prize**

The School offers a prize to commemorate the distinguished services to economic and statistical sciences of the late Professor Sir Arthur L. Bowley, Professor of Statistics in the University of London from 1915 to 1936.

The value of the prize will be the income of the fund for the three years preceding the award and will normally be about £25.

It will be open to present or past regular students of the School who have been registered for a period of at least two years and, if graduates, are within ten years of their first graduation at any university. The prize will be offered for written work in the field of economic or social statistics completed within four years prior to 1 January 1978. It will be awarded only if an adequate standard of excellence is attained.

The Committee of Award will consist of one representative of the School, one of the Royal Statistical Society and one of the Royal Economic Society.

Candidates wishing to submit work for consideration by the Committee should send it to the Senior Assistant Registrar by 1 January 1978.

### **The Firth Award**

A prize to the value of about £45 will be offered annually to graduate students in the department of Anthropology for the best paper of the year contributed to any seminar in the department. The award will be made by the Director on the recommendation of the convener and senior members of the department.

An award will be made only if a paper of suitable merit is contributed.

### **Ely Devons Prizes**

Two prizes, each of the value of about £50, will be offered annually in memory of the late Professor Ely Devons. One prize will be awarded to the regular student of the School who, as a candidate for the M.Sc. degree in Economics, is judged to be the best of his year; the other to the best candidate for the M.Sc. degree in Econometrics and Mathematical Economics. The awards will be made only if there are suitable candidates.

### **The Gourgey Essay Prize**

Through the generosity of Mr. P. S. Gourgey, a former student of this School, a book prize of the value of about £2.50 will be offered for award annually to students attending the course in Trade Union Studies. It will be awarded to the student who, in the opinion of his teachers, submits the best project report during the Lent term of each academic year. An award will be made only if there is a candidate of sufficient merit.

## **Bursaries**

The School may offer a limited number of bursaries to assist students to read for first degrees or diplomas or to proceed with advanced study or research. The maximum amount of the bursaries will be equivalent to the tuition fees which the students would otherwise be required to pay.

The regulations for these bursaries are:

1. Bursaries may normally be awarded only to students who have completed at least one year of their course at the School, who can demonstrate financial need and whose academic record shows merit.
2. They shall not be awarded for longer than one year in the first instance.
3. The bursary holder shall follow a course of study or research approved by the Director.
4. Applications must be accompanied by
  - (a) a full statement of the candidate's financial position, showing clearly why he is unable to pursue his studies without financial assistanceand
  - (b) a letter of recommendation from his tutor.
5. Applications should be made on the prescribed form obtainable from:  
the Senior Assistant Registrar, by students reading for first degrees and diplomas;  
the Secretary of the Graduate School, by students following a course for advanced study or research.



## First Degree Courses

### General Information

All students should read the University Regulations for Internal Students 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 Anthropology,  
Social Psychology,  
Sociology

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

French Studies  
Geography  
Social Anthropology  
Bachelor of Arts in History  
Bachelor of Laws  
Bachelor of Science in Social Science and Administration

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.<sup>1</sup>

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.

### Degree of Bachelor of Science in Economics

#### Entrance Requirements

The entrance requirements for this degree are set out in the table on page 123.

#### Course of Study

A student will 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.

<sup>1</sup>Graduates 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.

### Details of Examination

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.

### Methods of Examination

Examiners may test a candidate by means of written papers and an oral examination and at Part I may take into consideration the assessment of work done during his course. At Part II some of the papers may be examined by means of an essay.

### Part I

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 below.

#### Part I Subjects

Group	Papers	Lectures, Classes and Seminars
I	(a) Economics A	Ec.100-a or Ec.101-a
	or (b) Economics B	Ec.102-a
	or (c) Introduction to Mathematical Economics	Ec.104-a
II	(a) Basic Mathematics	MS.100-a
	or (b) Elementary Mathematical Methods	MS.102-a
	(c) Introduction to Analysis and Set Theory	MS.103-a
III	(a) Elements of Statistical Methods	MS.201-202a
	or (b) Elementary Statistical Theory	MS.204-a
	(c) Quantitative Methods for Economists	Ec.103-a, MS.200
	(d) Introduction to Logic	Ph.107-a
	(e) Introduction to Scientific Method	Ph.100-a, Ph.102
	(f) Theory and Techniques of Spatial Analysis	Gy.103
IV	(a) Modern Politics and Government, with special reference to Britain	Gv.150-a
	(b) An Introduction to Political Thought: the Greeks	Gv.100-a
	(c) The Language of Politics: An Introduction to Political Theory	Gv.101-a
	(d) English Legal Institutions	LL.160-a
	(e) The Structure of International Society	IR.101-a
	(f) International Law	LL.163-a
V	(a) Social and Economic History of W. Europe, 1300-1700	EH.107-a
	or (b) Introduction to Modern English Economic History	EH.101-a
	or (c) The Economic History of Great Britain and the U.S.A. 1850-1939	EH.100-a
	(d) Political History, 1789-1941	Hy.100-a
	or (e) World History since 1890	Hy.101-a
	or (f) The History of European Ideas since 1700	Hy.102-a
VI	(a) Introduction to Sociology	So.100-a
	(b) Introduction to Individual and Social Psychology	Ps.100, Ps.100-b
	(c) Introduction to Social Anthropology	An.100-a
	(d) Human Geography	Gy.100-a

### Approved Foreign Language

The following languages have been approved by the School for examination in Part I: French German Russian Spanish

### Details of Examination

In the Part I examination a student may be referred in one paper which must normally be passed before the beginning of his third year of study. Instead of resitting the examination in the paper in which he was referred, a student may choose to follow a course of study in a new subject and offer that for examination to satisfy the Part I requirements.

## 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 Mathematical Economics and Econometrics
- 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 Geography
- XVII Philosophy
- XVIII Government and History
- XIX Economics and Economic History

### Details of Examination

In the lists of special subjects which appear on the following pages some papers are marked by an asterisk. Students have the right or the School may require them to be examined in at least two of these papers at the end of the first year of the Part II course. Students may also request permission to be examined in up to two more such papers, with a maximum number of four papers which may be taken in the first year of Part II.

The remaining papers prescribed for a special subject will be examined at the end of the second year of the Part II course.

A student who is unsuccessful in Part II examinations taken at the end of the first year of the Part II course may be permitted by the School to proceed to the final year of the course with re-examination in the paper or papers in which he has failed.

### Languages at Part II

The modern foreign languages available at Part II are French, German, Russian and Spanish. Any other language may be approved by the convener of the depart-

ment responsible for the candidate's Special Subject, provided that appropriate teaching and examining arrangements can be made.

### 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.

### 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.

## Special Subjects

The papers prescribed for each special subject are as follows:

### I. Economics, Analytical and Descriptive

- |                                                                    | <i>Lectures, Classes<br/>and Seminars</i> |
|--------------------------------------------------------------------|-------------------------------------------|
| *1. <i>Either</i> (a) Economics Principles                         | Ec.108-a                                  |
| <i>or</i> (b) Principles of Economics Treated Mathematically       | Ec.113-a                                  |
| 2. <i>Either</i> (a) Problems of Applied Economics                 | Ec.109-a                                  |
| <i>or</i> (b) Economics Treated Econometrically                    | Ec.110-a                                  |
| 3. Advanced Economic Analysis                                      | Ec.112-a                                  |
| 4. Public Finance                                                  | Ec.122-a, Ec.128(iii)                     |
| 5 and 6. <i>Two</i> of the following:                              |                                           |
| (a) History of Economic Thought                                    | Ec.111-a                                  |
| * (b) Labour Economics                                             | Ec.121-a                                  |
| * (c) Economics of Industry                                        | Ec.119-a                                  |
| (d) Economics and Geography of Transport                           | Ec.133-134, Ec.179                        |
| (e) International Economics                                        | Ec.129-a                                  |
| (f) Principles of Monetary Economics                               | Ec.124-125, Ec.127                        |
| (g) Economic Development                                           | Ec.130-a                                  |
| (h) Planning                                                       | Ec.132-a                                  |
| (i) Economic Institutions Compared                                 | Ec.131-a                                  |
| * (j) An approved paper taught outside the department of Economics | —                                         |
| *7. <i>Either</i> (a) Economic Statistics                          | MS.213-a                                  |
| <i>or</i> (b) Econometric Methods                                  | Ec.114-a                                  |
| *8. An approved paper taught outside the department of Economics   | —                                         |

### II. Mathematical Economics and Econometrics

For candidates who entered Part II in 1976

#### *Either*

- \*1. (a) Principles of Economics Treated Mathematically —
  - 2. (a) *Either* (i) Advanced Economic Analysis Ec.112-a
  - or* (ii) Public Finance Ec.122-a, Ec.128(iii)
- Or*
- \*1. (b) Mathematical Economics I (*if Introduction to Mathematical Economics has been taken at Part I*) —
  - 2. (b) Mathematical Economics II Ec.117(ii)-a, Ec.118
- Either*
- \*3. (a) Econometric Methods —
  - 4. (a) Economics Treated Econometrically Ec.110-a

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

Or

3. (b) Econometric Theory
4. (b) Applied Econometrics  
(Candidates choosing Econometric Theory and Applied Econometrics must choose Probability, Distribution Theory and Inference under 5 and 6 (a), 7 or 8)

5 and 6. Two of the following:

- |                                                                                                                                                     |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| * (a) An approved paper taught in the department of Statistics                                                                                      |                       |
| (b) Public Finance                                                                                                                                  | Ec.122-a, Ec.128(iii) |
| (c) International Economics                                                                                                                         | Ec.129-a              |
| (d) Principles of Monetary Economics                                                                                                                | Ec.124-125, Ec.127    |
| (e) Monetary Institutions                                                                                                                           | Ec.125-127            |
| (f) Economic Institutions Compared                                                                                                                  | Ec.131-a              |
| (g) Labour Economics                                                                                                                                | Ec.121-a              |
| (h) Economics of Industry                                                                                                                           | Ec.119-a              |
| (i) Economic Development                                                                                                                            | Ec.130-a              |
| (j) Planning                                                                                                                                        | Ec.132-a              |
| (k) History of Economic Thought                                                                                                                     | Ec.111-a              |
| (l) Economics and Geography of Transport                                                                                                            | Ec.133-134, Ec.179    |
| (m) Game Theory and Economic Applications                                                                                                           | MS.106(i)-a, Ec.135-a |
| (n) Subject to the School's approval, an essay (normally not to exceed 5,000 words) to be written during the course of study on an approved subject |                       |

\*7 and \*8 Two approved papers taught outside the department of Economics

#### For candidates entering Part II in 1977-78

- \*1. Either (a) Principles of Economics Treated Mathematically Ec.113-a  
or (b) Mathematical Economics (only if Mathematical Methods is taken under (5)) Ec.116-a
2. Either \*(a) Econometric Methods Ec.114-a  
or (b) Econometric Theory (only if Probability, Distribution Theory and Inference is taken under (6)) MS.214-a
3. Quantitative Economics I Ec.115-a
4. Quantitative Economics II
5. One of the following:  
\*(a) Elementary Mathematical Methods (if not taken at Part I) MS.102-a  
(b) Mathematical Methods MS.113-a  
(c) Another approved paper taught outside the Department of Economics
6. One of the following:  
\*(a) Elementary Statistical Theory (which must be taken if not taken at Part I) MS.204-a  
(b) Probability, Distribution Theory, and Inference MS.206-207a  
(c) A further paper taught outside the Department of Economics
7. One of the following:  
(a) Introduction to Economic Policy  
(b) Advanced Economic Analysis  
(c) Public Finance  
(d) Monetary Institutions  
(e) Economic Institutions Compared  
(f) Labour Economics  
(g) Economics of Industry  
(h) Economic Development  
(i) Planning  
(j) History of Economic Thought  
(k) Economics and Geography of Transport

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

#### Lectures, Classes and Seminars

MS.214(ii)-a  
Ec.115-b, Ec.118

#### Lectures, Classes and Seminars

- (l) Theory of Investment Planning
  - (m) Theory of Business Decisions
  - (n) Games Theory and Economic Applications
  - (o) International Economics
  - (p) Principles of Monetary Economics
8. A further approved paper or, with the approval of the teachers concerned, a course of study designed specially for the student and examinable by means of a project and written examination, taught inside or outside the Department of Economics.

#### III. Monetary Economics

Note Economic Statistics or Econometric Methods must be taken under 6, 7 or 8.

- \*1. Either (a) Economic Principles Ec.108-a  
or (b) Principles of Economics Treated Mathematically Ec.113-a
- \*2. Introduction to Economic Policy Ec.128
3. Principles of Monetary Economics Ec.124-125, Ec.127
4. Monetary Institutions Ec.125-127
5. Either (a) Problems of Applied Economics Ec.109-a  
or (b) Economics Treated Econometrically Ec.110-a
6. One of the following:  
(a) Advanced Economic Analysis Ec.112-a  
(b) Public Finance Ec.122-a, Ec.128(iii)  
(c) International Economics Ec.129-a  
(d) History of Economic Thought Ec.111-a  
(e) Labour Economics Ec.121-a  
(f) Economics of Industry Ec.119-a  
(g) Economic Development Ec.130-a  
(h) Economic Institutions Compared Ec.131-a  
(i) Economics and Geography of Transport Ec.133-134, Ec.179  
(j) An approved paper listed under 7 below
7. One of the following (unless already taken):  
\*(a) Basic Mathematics MS.100-a  
\*(b) Elementary Mathematical Methods MS.102-a  
\*(c) Mathematical Methods MS.113-a  
\*(d) Introduction to Analysis and Set Theory MS.103-a  
\*(e) Either (i) Economic Statistics MS.213-a  
or (ii) Econometric Methods Ec.114-a

#### For students who began the Part II course in 1976-77

- (f) Accounting, Management and Economic Aspects Ac.105-a, Ac.109

#### For students beginning the Part II course in 1977-78

- (f) Elements of Accounting Ac.100-101
  - \*(g) Elementary Statistical Theory MS.204-a
- \*8. An approved paper taught outside the department of Economics

#### IV. Industry and Trade

- \*1. Either (a) Economic Principles Ec.108-a  
or (b) Principles of Economics Treated Mathematically Ec.113-a
- \*2. Economics of Industry Ec.119-a
3. Either (a) Problems of Applied Economics Ec.109-a  
or (b) Economics Treated Econometrically Ec.110-a
4. Theory of Business Decisions Ec.120-a

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

Lectures, Classes  
and Seminars

- 5 and 6. Two of the following:  
 (a) Advanced Economic Analysis Ec.112-a  
 (b) History of Economic Thought Ec.111-a  
 (c) Labour Economics Ec.121-a  
 (d) International Economics Ec.129-a  
 (e) Monetary Institutions Ec.125-127  
 (f) Public Finance Ec.122-a, Ec.128(iii)  
 (g) Economic Development Ec.130-a  
 (h) Economics of Commodity Distribution  
 (i) Elements of Labour Law LL.162-a  
 (j) Commercial Law LL.161-a

For students who began the Part II course in 1976-77

- (k) Accounting, Management and Economic Aspects Ac.105-a, Ac.109

For students beginning the Part II course in 1977-78

- (k) Elements of Accounting Ac.100-101  
 \*(l) Elementary Statistical Theory (unless taken at Part I) MS.204  
 (m) Economic Institutions Compared Ec.131-a  
 (n) Economics and Geography of Transport Ec.133-134, Ec.179  
 \*(o) Elementary Mathematical Methods (unless taken at Part I) MS.102-a  
 \*(p) Mathematical Methods MS.113-a  
 \*(q) Elements of Management Mathematics MS.205-a, MS.313-a  
 (r) 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)  
 \*(s) An approved paper taught outside the department of Economics  
 \*7. Either (a) Economic Statistics MS.213-a  
 or (b) Econometric Methods MS.114-a  
 \*8. An approved paper taught outside the department of Economics

V. International Trade and Development

- \*1. Either (a) Economic Principles Ec.108-a  
 or (b) Principles of Economics Treated Mathematically Ec.113-a  
 2. Either (a) Problems of Applied Economics Ec.109-a  
 or (b) Economics Treated Econometrically Ec.110-a  
 3. International Economics Ec.129-a  
 4. Economic Development Ec.130-a  
 \*5. A Comparative Study of Modern Economic Development in Russia, Japan and India EH.109-a  
 \*6. Either (a) Economic Statistics MS.213-a  
 or (b) Econometric Methods Ec.114  
 7. One of the following (unless already taken):  
 (a) Economic History of England 1216-1603 EH.108-a  
 (b) Economic History of England 1603-1830 EH.102-a  
 (c) Economic History of England from 1815 EH.103-a  
 (d) Economic History of Western Europe from 1815 EH.105-a  
 (e) Economic History of the United States of America from 1783 EH.106-a  
 (f) Economic History of Latin America from Independence to the Present Day EH.110-a  
 (g) Public Finance Ec.122-a, Ec.128(iii)  
 (h) Economics of Industry Ec.119-a  
 (i) Advanced Economic Analysis Ec.112-a  
 (j) History of Economic Thought Ec.111-a  
 (k) Labour Economics Ec.121-a

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

Lectures, Classes  
and Seminars

- (l) Planning Ec.132-a  
 (m) Economic Institutions Compared Ec.131-a  
 (n) Economics and Geography of Transport Ec.133-134, Ec.179  
 \*(o) Elementary Mathematical Methods (unless taken at Part I) MS.102-a  
 \*(p) Mathematical Methods MS.113-a  
 \*(q) Elementary Statistical Theory (unless taken at Part I) MS.204-a  
 \*(r) Introduction to Economic Policy Ec.128  
 \*8. An approved paper taught outside the department of Economics —

VI. Economic Institutions and Planning

- \*1. Either (a) Economic Principles Ec.108-a  
 or (b) Principles of Economics treated Mathematically Ec.113-a  
 \*2. Economic Institutions Compared Ec.131-a  
 3. Either (a) Problems of Applied Economics Ec.109-a  
 or (b) Economics Treated Econometrically Ec.110-a  
 4. Planning Ec.132-a  
 5. Either (a) A Comparative Study of Modern Economic Development in Russia, Japan and India EH.109-a  
 or (b) An approved paper taught in the department of Economics —  
 6. An approved paper taught in the department of Economics —  
 \*7. Either (a) Economic Statistics MS.213-a  
 or (b) Econometric Methods Ec.114-a  
 \*8. An approved paper taught outside the department of Economics —

VII. Accounting and Finance

- \*1. Accounting and Finance I } Ac.100-106b, Ac.108,  
 2. Accounting and Finance II } MS.217,  
 3. Accounting and Finance III } MS.304-a  
 4. Commercial Law LL.161-a  
 Ec.108-a  
 \*5. Either (a) Economic Principles Ec.113-a  
 or (b) Principles of Economics Treated Mathematically  
 6. One of the following:  
 (a) Either (i) Problems of Applied Economics Ec.109-a  
 or (ii) Economics Treated Econometrically Ec.110-a  
 (b) Economics of Industry Ec.119-a  
 (c) Theory of Business Decisions Ec.120-a  
 (d) Advanced Economic Analysis Ec.112-a  
 (e) History of Economic Thought Ec.111-a  
 (f) International Economics Ec.129-a  
 (g) Monetary Institutions Ec.125-127  
 (h) Public Finance Ec.122-a, Ec.128(iii)  
 (i) Economic Development Ec.130-a  
 (j) Labour Economics Ec.121-a  
 7. Candidates who have taken Elementary Statistical Theory or Elements of Statistical Methods or Quantitative Methods for Economists at Part I must choose one of the following:  
 \*(a) Basic Mathematics (unless taken at Part I) MS.100-a  
 \*(b) Operational Research Methods MS.314-315a  
 \*(c) Elementary Mathematical Methods MS.102-a  
 \*(d) Mathematical Methods MS.113-a  
 \*(e) Introduction to Analysis and Set Theory (unless taken at Part I) MS.103-a

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

- (f)* Introduction to Logic (*unless taken at Part I*)  
*(g)* Introduction to Scientific Method (*unless taken at Part I*)  
*(h)* Elements of Management Mathematics
- All other candidates must take *one* of the following:
- (i)* Elementary Statistical Theory  
*(j)* Elements of Statistical Methods  
*(k)* Quantitative Methods for Economists
- \*8. An approved paper taught outside the department of Accounting

*Lectures, Classes and Seminars*  
 Ph.107, Ph.107b  
 Ph.100-102  
 MS.205-a, MS.313-a  
 MS.204-a  
 MS.201-202a  
 Ec.103-a, MS.200-a  
 —

### VIII. Economic History

- 1 and 2. *Two* of the following:
- (a)* Economic History of England, 1216-1603  
*(b)* Economic History of England, 1603-1830  
*(c)* Economic History of England from 1815
- Candidates who have passed Introduction to Modern English Economic History at Part I may, with the approval of the School substitute for one paper under 1 and 2 a second paper from those listed under 3 below.
3. *One* of the following:
- (a)* Economic History of Western Europe from 1815  
*(b)* Economic History of the United States of America from 1783  
*(c)* Economic History of Latin America from Independence to the present day  
*(d)* A Comparative Study of Modern Economic Development in Russia, Japan and India
- 4 and 5. *One* of the following, in each of which there are two papers:
- (a)* Economic and Social History of England, 1377-1485  
*(b)* Economic and Social History of England, 1660-1714  
*(c)* Economic and Social History of England, 1830-1886  
*(d)* Britain and the International Economy, 1929-1936
- 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)* British History, *either* (i) 1399-1603  
                                           or (ii) 1603-1750  
*(c)* British History, 1750-1914  
*(d)* Social and Political Structure of Britain in the 19th Century (*except for students choosing 4 & 5c*)
- \**(e)* An approved paper taught outside the department of Economic History
- \*7. *Either* *(a)* Economic Principles  
               or *(b)* General Economics
- \*8. An approved paper taught outside the department of Economic History

EH.108-a  
 EH.102-a  
 EH.103-a  
 EH.105-a  
 EH.106-a  
 EH.110-a  
 EH.109-a  
 EH.112  
 EH.113  
 EH.104, EH.114  
 EH.115  
 —  
 Hy.111, Hy.202  
 Hy.112, Hy.202  
 Hy.203, Hy.203b  
 EH.104-a  
 —  
 Ec.108-a  
 Ec.107-a  
 —

### IX. Government

1. Political Thought  
 2. Comparative Political Institutions  
 3. *Either* *(a)* Modern British Government  
           or *(b)* History of British Politics in the 20th Century

Gv.102-104, Gv.106,  
 Gv.108  
 Gv.161-162  
 Gv.157  
 Gv.152-b, Gv.201

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

4. *One* of the following:
- (a)* Political Thought (a selected text)  
*(b)* Political Philosophy  
 \*(c) Modern Political Thought: a Study of European Political Thought since 1770
- 5 and 6. *Two* of the following (*if not already chosen*):
- \**(a)* Modern British Government  
*(b)* History of British Politics in the 20th Century  
*(c)* Political Thought (a selected text)  
*(d)* Political Philosophy  
 \*(e) Modern Political Thought: a Study of European Political Thought since 1770  
 \*(f) The Politics and Government of a Foreign Country or Group of Countries
- (g)* History of British Politics from the 17th to the 20th Century  
 \*(h) Public Administration  
*(i)* Public Policy: Political and Economic Aspects
- \*7 and \*8. Two approved papers taught outside the department of Government

*Lectures, Classes and Seminars*  
 Gv.105  
 Gv.103, Gv.107-108  
 Gv.108-110  
 Gv.157  
 Gv.152-b, Gv.201  
 Gv.105  
 Gv.103, Gv.107-108  
 Gv.108-110  
 Gv.163-164a,  
 Gv.166-169a,  
 Gv.223,  
 IR.110, LL.164  
 Gv.151-a  
 Gv.153-156, Gv.217  
 Gv.155, Gv.170  
 —

### X. Sociology

- \*1. Comparative Social Structures  
 \*2. Sociological Theory
- 3, 4, 5 and 6 Courses in Sociology to the value of *four* course units selected from the courses available in the B.Sc. Sociology degree. Methods of Social Research must be selected as one of the courses unless an approved paper in Statistics has been taken at Part I. *The following papers have been approved for this purpose: Elementary Statistical Theory, Elements of Statistical Methods, Quantitative Methods for Economists.*
- \*7 and \*8. Two approved papers taught outside the department of Sociology

So.101-a  
 So.102-a

### XI. Statistics

- \*1. Mathematical Methods  
 \*2. Probability, Distribution Theory and Inference  
 3. Statistical Methods
4. Sample Survey Theory and Methods and Further Statistical Theory
- 5 and 6. *Two* of the following:
- (a)* Actuarial Investigations - Statistical and Financial†  
*(b)* Actuarial Life Contingencies  
*(c)* Statistical Demography
- (d)* Social Statistics  
*(e)* Econometric Theory  
*(f)* Applied Econometrics  
*(g)* Mathematical Logic

MS.113-a  
 MS.206-207a  
 MS.208-210,  
 MS.304-a  
 MS.210-212a,  
 MS.215  
 MS.218-219a  
 MS.220-a  
 Dm.100-101,  
 Dm.105-106  
 MS.216-a  
 MS.214-a  
 Ec.115-b, Ec.118  
 Ph.109-110

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

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

- \*(h) Elements of Computer Science
  - (i) Operational Research Methods
  - (j) Numerical Methods
  - (k) An approved mathematics paper
  - (l) A report of not more than 10,000 words on an approved topic in statistical theory or a field of application (to be presented not later than 1 May in the candidate's third year)
- \*7 and \*8. Two approved papers taught outside the department of Statistics

## XII. Computing

1. Elements of Computer Science
  - \*2. Systems Analysis and Design
  3. Application of Computers
  4. One of the following:
    - \* (a) Numerical Methods
    - (b) Operational Research Methods
- For students who began the Part II course in 1976-77
- (c) Accounting, Management and Economic Aspects
- For students beginning the Part II course in 1977-78
- (c) Elements of Accounting
  - (d) Theory of Business Decisions
  - \* (e) Economics of Industry
- 5 and 6. Two of the following:
- (a) One or two of the papers not taken under 4 above
  - \* (b) Probability, Distribution Theory and Inference
  - (c) Social Statistics
  - (d) Statistical Demography
- \* (e) Elementary Statistical Theory (if not taken at Part I)
  - (f) Econometric Theory
  - \* (g) An approved mathematics paper
- \*7 and \*8. Two approved papers taught outside the department of Statistics

## XIII. International Relations

- \*1. International History since 1914
  2. International Politics
  3. Foreign Policy Analysis
  - \*4. International Institutions
- 5 and 6. Two of the following, save that all candidates who have not taken International Law at Part I must choose at least one of the options International Law and Sociology of International Law:
- \* (a) International Law (unless taken at Part I or under papers 7 & 8)
  - (b) Sociology of International Law
  - (c) Theories of International Politics
  - (d) The Politics of International Economic Relations
  - (e) Strategic Studies

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

## Lectures, Classes and Seminars

- MS.303-304a, MS.311
- MS.314-315a
- MS.304-a, MS.312-a
- 
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- MS.304-a, MS.311
- MS.306-307, MS.309-310a
- 
- MS.304-a, MS.312-a
- MS.314-315a
- 
- Ac.105-a, Ac.109
- Ac.100-101
- Ec.120-a
- Ec.119-a
- 
- MS.206-207a
- MS.216-a
- Dm.100-101, Dm.105-106
- MS.204-a
- MS.214-a
- 
- 
- Hy.117-118
- IR.102-a, IR.106
- IR.108, IR.119, IR.121, IR.122
- IR.103-105
- IR.112-116a
- LL.163, LL.163b
- IR.130-a
- IR.118-a
- IR.123-a
- IR.120, IR.125-126, IR.128

## Lectures, Classes and Seminars

- (f) International History (Special Period) chosen from the following:
    - (i) International Socialism and the Problem of War, 1870-1914
    - or (ii) Great Britain and the Peace Conference of 1919
    - or (iii) The Manchurian Crisis, 1931-1933
    - or (iv) The League of Nations in Decline, March 1933-December 1937
  - (g) Any other subject approved by the candidate's teachers within the field of International Relations
  - (h) An essay of not more than 10,000 words to be written during the course of study on an approved subject (to be presented not later than 1 May in the candidate's third academic year)
- \*7 and \*8. Two approved papers taught outside the department of International Relations

## XIV. Social Anthropology

- (For candidates who began the Part II course in or before October 1976)
- \*1. Kinship and Social Organization
  - \*2. Economic and Political Systems of Primitive and Peasant Societies
  3. Moral and Ritual Systems
  4. History and Theory of Social Anthropology
  5. Ethnography of an approved special area
- (For candidates beginning the Part II course in 1977)
1. Studies of Kinship
  2. Political and Economic Institutions
  3. Magic and Religion
  4. Advanced Theory of Social Anthropology
  5. Advanced Ethnography
- \*6. One of the following:
    - (a) Economic Principles
    - (b) General Economics
    - (c) Sociological Theory
    - (d) Elements of Demographic Analysis
    - (e) Introduction to Logic (unless taken at Part I)
    - (f) Introduction to Scientific Method (unless taken at Part I)
    - (g) An approved paper in Psychology<sup>1</sup>
- 7 and 8. Two of the following:
- (a) (i) Social Aspects of Political and Economic Development
  - or (ii) An essay of not more than 10,000 words to be written during the course of study on an approved subject
- \* (b) Either one or two approved papers taught outside the department of Anthropology

## XV. International History

1. International History, 1494-1815
2. International History, 1815-1914
3. International History since 1914
4. One of the following:
  - (a) William III and Louis XIV, 1698-1702
  - (b) The Great Powers and Egypt, 1882-1888

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

<sup>1</sup>Either Introduction to Individual and Social Psychology, or, if already taken, Social Psychology

- (c) The Great Powers and the Balkans, 1908-1914  
 (d) Great Britain and the Peace Conference of 1919  
 (e) The Manchurian Crisis, 1931-1933  
 (f) The League of Nations in Decline, March 1933-December 1937
- 5 and 6. *Two* of the following:  
 (a) War and Society, 1600-1815  
 (b) Revolution, civil war, and intervention in the Iberian Peninsula, 1808-1854  
 (c) British-American-Russian Relations, 1815-1914  
 (d) The Mediterranean in International Politics, 1815-1914  
 (e) The Baltic in International Politics since 1815  
 (f) International Socialism and the Problem of War, 1870-1918  
 (g) Fascism and National Socialism in International Politics, 1919-1945  
 (h) The Great Powers and the Near and Middle East, 1898-1956
- 7 and 8. Two approved papers taught outside the department of International History of which at least *one* must be from the following list:
- \**(a)* General Economics  
 (b) Economic History of England, 1603-1830  
 (c) Economic History of England from 1815  
 (d) Economic History of the United States of America from 1783  
 (e) Economic History of Latin America from Independence to the present day  
 (f) Economic History of Western Europe from 1815  
 (g) Political Thought
- or \*(h) Modern Political Thought  
 (i) History of British Politics in the Twentieth Century
- or \*(j) Modern British Government  
 (k) History of British Politics from the Seventeenth to the Twentieth Century  
 (l) The Politics and Government of a Foreign Country or Group of Countries
- \**(m)* International Politics  
 \*(n) International Institutions  
 \*(o) International Law (*unless taken at Part I*)  
 \*(p) Politics of International Economic Relations  
 (q) An Approved Modern Foreign Language

**Lectures, Classes and Seminars**

- Hy.129  
 Hy.130  
 Hy.131  
 Hy.132  
 Hy.119-a  
 Hy.123-a  
 Hy.121  
 Hy.120-a  
 Hy.122  
 Hy.124-a  
 Hy.126-a  
 Hy.125-a  
 Ec.107-a  
 EH.102-a  
 EH.103-a  
 EH.106-a  
 EH.110-a  
 EH.105-a  
 Gv.102-104, Gv.106, Gv.108  
 Gv.108-110  
 Gv.152-156, Gv.201  
 Gv.157  
 Gv.151-a  
 Gv.163-164a,  
 Gv.166-a, Gv.223,  
 IR.110, LL.164  
 IR.102-a, IR.119  
 IR.112-116a  
 LL.163, LL.163b  
 IR.123-a  
 Ln.213-216, Ln.303-305, Ln.401-402,  
 Ln.404-405, Ln.508,  
 Ln.510-511

**XVI. Geography**

- \*1, 2 and 3. *Three* of the following:  
 (a) Economic Geography  
 (b) *Either* (i) Theory and Techniques of Spatial Analysis (*unless taken at Part I*)  
 or (ii) Applied Spatial Analysis  
 (c) Urban and Social Geography  
 (d) Man and his Physical Environment
- 4 and 5. *Two* of the following:  
 (a) Advanced Economic Geography  
 (b) Urban and Regional Systems

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

- (c) Advanced Social Geography  
 (d) An independent Geographical Study
6. *One* of the following:  
 (a) Historical Geography  
 (b) Political Geography  
 (c) An approved Regional Study
- (d) Any paper under 4 and 5 above not already taken  
*In special cases with the approval of the School, candidates may substitute for one of the options under 4, 5 and 6 above an appropriate course from the B.Sc. Geography degree syllabus.*
- \*7 and \*8. Two approved papers taught outside the department of Geography.

**Lectures, Classes and Seminars**

- Gy.308  
 —  
 Gy.211-a or Gy.310-a  
 Gy.212  
 Gy.213-217,  
 Gy.313-320

**XVII. Philosophy**

1. Scientific Method  
 2. History of Modern Philosophy, Bacon to Kant  
 3. *Either* (a) Mathematical Logic  
 or \*(b) Logic  
 4. Epistemology and Metaphysics  
 5. and 6. *Two* of the following:  
 \*(a) The Rise of Modern Science, Copernicus to Newton  
 (b) *Either* \*(i) Social and Moral Philosophy  
 or \*(ii) Political Philosophy  
 (c) *Either* (i) An essay written during the course of Study  
 or (ii) An essay written under examination conditions  
 (d) Ideas in Mathematics and Science  
 \*(e) *either* (i) An approved Foreign Language  
 or (ii) Elementary Linguistics
- \*7 and \*8. Two approved papers taught outside the department of Philosophy

- Ph.101-a, Ph.103,  
 Ph.105, Ph.108-a,  
 Ph.123, Ph.125b  
 Ph.104-a  
 Ph.107, Ph.107,  
 Ph.109-110  
 Ph.107, Ph.107b,  
 Ph.108-a, Ph.126  
 Ph.105, Ph.124  
 Ph.106-a  
 So.104-a  
 Gv.103, Gv.107-108  
 —  
 MS.108-a  
 Ln.213-216, Ln.303-305,  
 Ln.401-402, Ln.404-405,  
 Ln.508, Ln.510-511  
 Ln.100-a

**XVIII. Government and History**

- A Government  
 1. *Either* (a) Political Thought  
 or (b) Political Philosophy  
 2. *Either* (a) Comparative Political Institutions  
 or \*(b) Modern British Government  
 3. *Either one* paper from papers 1 or 2 if not already chosen  
 or *one* of the following:  
 (a) Public Policy: Political and Economic Aspects  
 (b) Political Thought (set text)  
 (c) History of British Politics in the 20th Century  
 (d) History of British Politics from the 17th to the 20th Century

- Gv.102-104,  
 Gv.106, Gv.108  
 Gv.103, Gv.107-108  
 Gv.161-162  
 Gv.157  
 Gv.155, Gv.170  
 Gv.105  
 Gv.152-156, Gv.201  
 Gv.151-a

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

	<i>Lectures, Classes and Seminars</i>
* <i>(e)</i> Politics and Government of a Foreign Country or Group of Countries	Gv.163-164a, Gv.166-169a, Gv.223, IR.110, LL.164
* <i>(f)</i> Public Administration	Gv.153-156, Gv.217
* <i>(g)</i> Modern Political Thought	Gv.108-110
<b>B History</b>	
*4 and *5. <i>Two</i> of the following:	
(a) English History, 1042-1399	Hy.110
(b) English History, 1399-1603	Hy.111, Hy.202
(c) British History, 1603-1750 ( <i>this paper may not be taken by candidates who have chosen 3 (d) above</i> )	Hy.112, Hy.202
(d) British History, 1750-1914 ( <i>this paper may not be taken by candidates who have chosen 3 (d) above</i> )	Hy.203, Hy.203b
(e) European History c.1600-1789	Hy.114
(f) <i>Either</i> (i) European History, 1789-1945 ( <i>not available if Political History was taken at Part I</i> )	Hy.115
or (ii) World History since 1890 ( <i>if not taken at Part I</i> )	Hy.101-a
6. <i>One</i> of the following:	
(a) War and Society, 1600-1815	Hy.119-a
(b) Revolution, civil war, and intervention in the Iberian Peninsula, 1808-1854	Hy.123-a
(c) British-American-Russian Relations, 1815-1914	Hy.121
(d) The Mediterranean in International Politics, 1815-1914	Hy.120-a
(e) The Baltic in International Politics since 1815	Hy.122
(f) International Socialism and the Problem of war, 1870-1918	Hy.124-a
(g) Fascism and National Socialism in International Politics, 1919-1945	Hy.126-a
(h) The Great Powers and the Near and Middle East, 1898-1956	Hy.125-a
(i) Economic History of Western Europe from 1815	EH.105-a
(j) Economic History of the U.S.A. from 1783	EH.106-a
7 and 8. <i>Two</i> approved papers from the following:	
(i) one paper from papers 1, 2 or 3 if not already chosen	
(ii) one paper from paper 6 if not already chosen	
(iii) one paper from the following:	
(a) William III and Louis XIV, 1698-1702	Hy.127
(b) The Great Powers and Egypt, 1882-1888	Hy.128
(c) The Great Powers and the Balkans, 1908-1914	Hy.129
(d) Great Britain and the Peace Conference of 1919	Hy.130
(e) The Manchurian Crisis, 1931-1933	Hy.131
(f) The League of Nations in Decline, March 1933-December 1937	Hy.132
(iv) An approved paper taught in another department	
<b>XIX. Economics and Economic History</b>	
*1. Principles of Economics	Ec.108-a
*2. <i>Either</i> (a) Economic Statistics	MS.213-a
or (b) Econometric Methods	Ec.114-a
*3. <i>Either</i> (a) Economic History of England, 1603-1830	EH.102-a
or (b) Economic History of England from 1815	EH.103-a
4. <i>One</i> of the following:	
* <i>(a)</i> Economic History of the U.S.A. from 1783	EH.106-a
* <i>(b)</i> Economic History of Latin America from Independence to the Present Day	EH.110-a

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

	<i>Lectures, Classes and Seminars</i>
* <i>(c)</i> A Comparative Study of Modern Economic Development of Russia, India and Japan	EH.109-a
* <i>(d)</i> Economic History of Western Europe from 1815	EH.105-a
5. Problems of Applied Economics	Ec.109-a
6. Britain and the International Economy, 1919-1964	EH.117
7. <i>One</i> of the following:	
(a) History of Economic Thought	Ec.111-a
(b) Economic Development	Ec.130-a
(c) Labour Economics	Ec.121-a
(d) Principles of Monetary Economics	Ec.124-125, Ec.127
(e) International Economics	Ec.129-a
(f) Economics of Industry	Ec.119-a
8. Problems in Quantitative Economic History	EH.116
<i>(This paper will be taught over two years; and may be examined by essay or by a three-hour paper.)</i>	

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



## 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 any 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 eight 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 Psychology  
Sociology

### B.A. Degree

Geography  
French Studies  
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

- 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 small number of second-year courses may be examined at the end of the third year.
- 1.4 All students must undertake field work. The compulsory field courses normally last for a week and are taken annually in each of the Easter vacations. Certain courses involve additional field work.
- 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:

	<i>Value in Course Units</i>	<i>Course Registration Number</i>	<i>Lectures Classes and Seminars</i>
<b>First Year</b>			
1. Physical Geography	1	420/0111	Gy.101
2. Human Geography	1	420/0113	Gy.102
3. Theory and Techniques of Spatial Analysis	1	420/0114	Gy.103
4. One course outside Geography (See List of courses outside Geography)	1	—	—
5. Field Studies (continued in 2nd and 3rd years)	$\frac{1}{2}$	420/0600	—
<b>Second Year</b>			
<i>3 or 4 course units to be chosen from:—</i>			
British Isles	1	420/0205	Gy.213
Economic Geography	1	420/0206	Gy.207-a
Man and his Physical Environment	1	420/0466	Gy.206
Advanced Quantitative Geography	$\frac{1}{2}$	420/0207	Gy.201
Applied Spatial Analysis	1	420/0204	Gy.200-201
Urban Geography	$\frac{1}{2}$	420/0395	Gy.209
Social Geography	$\frac{1}{2}$	420/0497	Gy.208
Historical Geography: British Isles	$\frac{1}{2}$	420/0485	Gy.211-a
General Political Geography	$\frac{1}{2}$	420/0493	Gy.212
Biogeography I	$\frac{1}{2}$	420/0475	—
Advanced Geomorphology I	1	420/0260	Gy.203
Meteorology & Climatology	1	420/0266	Gy.205
Elements of Surveying, and Map Projections	$\frac{1}{2}$	420/0112	—
Population Geography	$\frac{1}{2}$	420/0208	Gy.210
Soil Science	$\frac{1}{2}$	420/0452	Gy.304
Advanced Cartography	$\frac{1}{2}$	420/0456	Gy.202
<i>Courses up to the value of 1 unit from the following list:—</i>			
Africa I	$\frac{1}{2}$	420/0441	Gy.215
Europe I	$\frac{1}{2}$	420/0417	Gy.214-a
Latin America I	$\frac{1}{2}$	420/0425	Gy.217
North America I	$\frac{1}{2}$	420/0421	Gy.216
North America II (*420/0421)	$\frac{1}{2}$	420/0322	Gy.317
<i>Courses to the value of 1 unit chosen from the list outside Geography</i>	1		

\*Recommended Preliminary Course

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars	
<b>Third Year</b>				
3 or 4 course units to be chosen from:—				
Advanced Economic Geography (i) Natural Resources (*420/0466 or 420/0206)	½	420/0380	Gy.305-a	
Advanced Economic Geography (ii) Agriculture (*420/0206)	½	420/0381	Gy.306-a	
Advanced Economic Geography (iii) Industry (*420/0206)	½	420/0382	Gy.307-a	
Geography and Planning (*420/0204)	½	420/0498	Gy.312-a	
Urban and Regional Systems (*420/0204)	1	420/0396	Gy.309	
Advanced Social Geography (*420/0497)	½	420/0394	Gy.308	
Historical Geography: Western and Central Europe (*420/0485 or 420/0417)	½	420/0486	Gy.310-a	
Political Geography II <sup>1</sup> (*420/0491)	½	420/0492	—	
Biogeography II (*420/0475)	1	420/0476	—	
Advanced Geomorphology II (*420/0260)	½	420/0461	Gy.300	
Advanced Geomorphology III (*420/0260)	½	420/0462	Gy.301	
Climatic Change } (*420/0266)	½	420/0367	Gy.303	
Urban Climatology }	½	420/0469	—	
Microclimatology }	½	420/0468	—	
Geography of Rural Settlement	½	—	—	
Philosophy, Methodology and Explanation in Geography <sup>1</sup>	½	420/0379	—	
Africa II (*420/0441)	½	420/0342	Gy.315	
Spatial Policy Problems in South Africa (*420/0204)	½	420/0344	Gy.316	
Europe II: Western Europe (*420/0417)	½	420/0418	Gy.313	
Europe II: Eastern Europe (*420/0417)	½	420/0419	Gy.314	
Soviet Union	½	420/0431	Gy.319	
Monsoon Asia	½	420/0430	Gy.320	
Latin America II (*420/0425)	½	420/0426	Gy.318	
North America II (*420/0421)	½	420/0322	Gy.317	
A course or courses to the value of not more than 1 unit from the second year list.	1	—	—	
An independent essay of not more than 5,000 words on an approved topic in Geography.	1	420/0610	—	
Courses to the value of not more than 1 unit chosen from the list of courses outside Geography.	1	—	—	
	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
<b>Courses outside Geography</b>				
<b>Anthropology</b>				
Introduction to Social Anthropology	1	180/0037	1, 2 or 3	An.100-a
Race and Culture	1	180/0036	1, 2 or 3	An.101-a
Elementary Ethnography	1	180/0403	1, 2 or 3	An.102-a
<b>Economics</b>				
Economics A	1	340/0010	1, 2 or 3	Ec.101-a
General Economics	1	340/0019	2 or 3	Ec.107-a
(Course 340/0010 is a prerequisite)				
Economics of Geography and Transport 1		340/0024	3	Ec.133-134, Ec.179
(Course 340/0010 is a prerequisite)				
<b>History</b>				
English History, 1399-1603	1	480/0010	1, 2 or 3	Hy.111, Hy.202
British History, 1603-1750	1	340/0031	1, 2 or 3	Hy.112, Hy.202

<sup>1</sup>Recommended Preliminary Course

<sup>2</sup>Not available in 1977-78

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
British History since 1750	1	480/0011	1, 2 or 3	Hy.203, Hy.203b
International History, 1815-1914	1	480/0004	1, 2 or 3	Hy.116-a
International History since 1914	1	480/0003	2 or 3	Hy.117-118
<b>Mathematics</b>				
Basic Mathematics (Introductory)	1	550/0016	1, 2 or 3	MS.100-a
Elementary Mathematical Methods	1	550/0021	1, 2 or 3	MS.102-a
Introduction to Analysis and Set Theory	1	550/0003	1, 2 or 3	MS.103-a
<b>Statistics</b>				
Elementary Statistical Theory	1	790/0001	1, 2 or 3	MS.204-a
Social Statistics	1	790/0010	3	MS.216-a
Sample Survey Theory and Methods and Further Statistical Theory (Course 790/0001 is a prerequisite)	1	790/0009	3	MS.210-212a, MS.215
<b>Geology (King's College)</b>				
Fundamentals of Geology	½	430/0101	2 or 3	—
Stratigraphical Palaeontology	½	430/0104	1, 2 or 3	—
Stratigraphy and Sedimentation	1	430/0201	2	—
World Stratigraphy	½	430/0202	3	—
Economic Geology	½	430/0206	2 or 3	—
Structural Geology	½	430/0304	2 or 3	—
Advanced Economic Geology	½	430/0308	3	—
Sedimentology	½	430/0307	2 or 3	—
Oceanography	½	430/0108	1, 2 or 3	—
<b>Demography</b>				
Elements of Demographic Analysis	1	780/0001	2 or 3	Dm.102-104a
<b>Sociology</b>				
Introduction to Sociology	1	780/1101	1, 2 or 3	So.100-a
<b>Social Administration</b>				
Social Policy	1	775/0005	1, 2 or 3	SA.100, SA.103-104
<b>International Relations</b>				
The International Political System	1	340/0004	1, 2 or 3	IR.102-a, IR.119
<b>Psychology</b>				
Introduction to Individual and Social Psychology	1	720/0106	1, 2 or 3	Ps.100, Ps.100b
Psychological Aspects of the Study of Society (Course 720/0002 is normally a prerequisite)	1	720/0407	2 or 3	Ps.106-a
<b>Law</b>				
English Legal Institutions	1	520/0001	1, 2 or 3	LL.160-a
International Law	1	520/0002	1, 2 or 3	LL.163-a

## 2 Mathematics, Statistics and Computing

(for candidates who entered the course in or before October 1976)

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 subject (or subjects) in which honours are awarded will depend on the choice of courses. The basic requirements for each subject are listed below.

In addition, students should choose six optional course units in consultation with their tutors.

**Mathematics:** Courses 1, 2, 9, 10 and at least two courses from 11, 19, 20, 21, or 22.

**Statistics:** Courses 3, 4, 11, 12, 13 and 14.

**Computing:** Courses 3, 5, 15, 16, 17 and 18.

2.3 A student may also qualify for combined honours. For example, to qualify for honours in Mathematics and Statistics a candidate will normally be expected to complete courses 1, 4, either 2 or 3, 9, 11, 12 and at least one course from courses 10, 13, 14 or 19-22 inclusive.

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
<b>First Year</b>			
1. Introduction to Analysis and Set Theory	1	550/0003	—
2. Introduction to Algebra	1	550/0020	—
3. Elementary Mathematical Methods	1	550/0021	—
4. Elementary Statistical Theory	1	790/0001	—
5. Introduction to Computing and Systems Design	1	295/0003	—
6. Introduction to Logic	1	500/0002	—
7. Introduction to Mathematical Economics	1	340/0006	—
8. At most <i>one</i> course from the following:			
(a) Modern Politics and Government, with special reference to Britain	1	340/0018	—
(b) Economic History of Great Britain and the U.S.A., 1850-1939	1	340/0008	—
(c) Political History, 1789-1941	1	480/0008	—
(d) Introduction to Psychology	1	720/0002	—
(e) Introduction to Human Geography	1	420/0004	—
<b>Second and Third Years</b>			
9. Further Analysis ( <i>to follow course 1</i> )	1	550/0022	MS.104-a
10. Further Algebra ( <i>to follow course 2</i> )	1	550/0023	MS.105-a
11. Mathematical Methods ( <i>to follow course 3</i> )	1	550/0012	MS.113-a
12. Probability, Distribution Theory and Inference ( <i>to follow course 4</i> )	1	790/0003	MS.206-207a
13. Statistical Methods (two-year course)	1	790/0007	MS.208-210, MS.304-a
14. Sample Survey Theory and Methods and Further Statistical Theory	1	790/0009	MS.210-212a, MS.215
15. Elements of Computer Science	1	295/0001	MS.303-304a, MS.311
16. Systems Analysis and Design ( <i>to follow course 15</i> )	1	295/0004	MS.306-307, MS.309-310a
17. Applications of Computers ( <i>to follow course 15</i> )	1	295/0005	—
18. Numerical Methods	1	295/0002	MS.304-a, MS.312-a
19. Games, Decisions and Gambling	1	550/0024	MS.106-a
20. Abstract Mathematics in Optimisation and Control	1	550/0030	MS.107-a
21. Mathematical Logic ( <i>to follow course 6</i> )	1	550/0015	Ph.109-110, Ph.126
22. Further Mathematical Logic ( <i>to follow course 21</i> )	1	550/0028	MS.110-a

Value in Course Units	Course Registration Number	Lectures Classes and Seminars
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**Additional Options**

Ideas in Mathematics and Science	1	550/0026	MS.108-a
Actuarial Investigations: Statistical and Financial (two-year course)	1	340/0029	MS.218-219a
Actuarial Life Contingencies	1	340/0030	MS.220-a
Operational Research Methods	1	340/0016	MS.314-315a
Social Statistics	1	790/0010	MS.216-a
Statistical Demography (two-year course)	1	790/0820	Dm.100-101, Dm.105-106
Mathematical Economics I ( <i>to follow course 7</i> )	1	340/0012	Ec.116-a
Mathematical Economics II (two-year course)	1	340/0013	Ec.117-118
Econometric Theory (two-year course)	1	340/0011	MS.214-a
Applied Econometrics (two-year course)	1	340/0014	Ec.115-b, Ec.118
Elements of Accounting	1	340/0027	Ac.100-101
Report: Statistics specialists may offer, in place of one of their optional course units, a report of not more than 10,000 words on an approved topic in statistical theory or a field of application (to be presented not later than 1 April in the candidate's third year).	1	790/0011	—
Social Structure of Modern Britain	1	780/2301	So.109-a
General Economics	1	340/0019	Ec.107-a
Social Policy	1	775/0005	SA.100, SA.103-104
Applied Spatial Analysis	1	420/0204	Gy.200-201
Urban and Regional Systems ( <i>Applied Spatial Analysis is a prerequisite</i> )	1	420/0396	Gy.309
An Approved course in Social Psychology	—	—	—

This list is not exhaustive and the Department expects to add to it from time to time. Candidates may also offer first year courses which they have not already taken subject to Departmental approval.

**Half-Unit Options**

Students may choose courses offered by other Colleges of the University where practicable, subject to Departmental approval. In Mathematics, these courses often occupy half a year and are valued at half a unit. Students should not enter for an odd number of such courses.

The attention of Mathematics specialists is drawn to the courses offered at neighbouring King's College. Note in particular the courses:

M204	Functions of a Complex Variable	$\frac{1}{2}$
M310	Operators on Hilbert Space	$\frac{1}{2}$
M329	Biosystems Theory	$\frac{1}{2}$

**Mathematics, Statistics, Computing and Actuarial Science**

(for candidates registering in and after October 1977)

2.1A Candidates will normally be expected to take courses to the value of four course units during each of the three years study.

2.2A The field or fields in which honours are awarded will depend on the choice of courses. The basic requirements for each subject are listed below:

Mathematics: Courses 1, 2, 9, 10 and two from 11, 22-27.

Statistics: Courses 3, 4, 11, 12, 13 and 14.

Computing: Courses 3, 5, 15, 16, 17 and 18.

- Actuarial Science: Courses 3, 4, 7, 11, 12, 13, 19, 20, 21.
- 2.3A A student may also qualify for combined honours.  
For example:  
Mathematics/  
Statistics: Courses 1, 4, 2 or 3, 9, 11, 12 and one from 10, 13, 14, 22-27.  
Statistics/  
Computing: Courses 3, 4, 5, 11, 12, 15 and two from 13-18.  
Mathematics/  
Computing: Courses 3, 5, 1 or 2, 9 or 10, 11, 15 and two from 16-18, 22-27.
- Actuarial Science/  
Statistics: Courses 3, 4, 7, 11, 12, 13, 14 and two from 19, 20, 21.

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
<b>First Year</b>			
1. Introduction to Analysis and Set Theory	1	550/0003	MS.103-a
2. Introduction to Algebra	1	550/0020	MS.101-a
3. Elementary Mathematical Methods	1	550/0021	MS.102-a
4. Elementary Statistical Theory	1	790/0001	MS.204-a
5. Introduction to Computing and Systems Design	1	295/0003	MS.301-302a, MS.308-a, Ph.107-a,
6. Introduction to Logic	1	500/0002	
7. At most <i>one</i> course from			
(a) Introduction to Mathematical Economics	1	340/0006	Ec.104-a
(b) Economics B	1	340/0023	Ec.102-a
8. At most <i>one</i> course from the following:			
(a) Modern Politics and Government, with Special Reference to Britain	1	340/0018	Gv.150-a
(b) Economic History of Great Britain and U.S.A., 1850-1939	1	340/0008	EH.100-a
(c) Political History, 1789-1941	1	480/0008	Hy.100-a
(d) Introduction to Individual and Social Psychology	1	720/0106	Ps.100, Ps.100b
(e) Introduction to Human Geography	1	420/0004	Gy.100-a
(f) Introduction to Sociology	1	780/1101	So.100-a
<b>Second and Third Years</b>			
9. Further Analysis ( <i>to follow course 1</i> )	1	550/0022	MS.104-a
10. Further Algebra ( <i>to follow course 2</i> )	1	550/0023	MS.105-a
11. Mathematical Methods ( <i>to follow course 3</i> )	1	550/0012	MS.113-a
12. Probability, Distribution Theory and Inference ( <i>to follow course 4</i> )	1	790/0003	MS.206-207a
13. Statistical Methods (two-year course)	1	790/0007	MS.208-210, MS.304-a
14. Sample Survey Theory and Methods and Further Statistical Theory	1	790/0009	MS.210-212a, MS.215
15. Elements of Computer Science	1	295/0001	MS.303-304a, MS.311

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
16. Systems Analysis and Design ( <i>to follow course 15</i> )	1	295/0004	MS.306-307, MS.309-310a
17. Applications of Computers ( <i>to follow course 15</i> )	1	295/0005	—
18. Numerical Methods	1	295/0002	MS.304-a, MS.312-a
19. Actuarial Life Contingencies	1	340/0030	MS.220-a
20. Actuarial Investigations: Statistical and Financial (two-year course)	1	340/0029	MS.218-219a
21. Elements of Accounting	1	340/0027	Ac.100-101
22. Games, Decisions and Gambling	1	550/0024	MS.106-a
23. Abstract Mathematics in Optimisation and Control	1	550/0030	MS.107-a
24. Topology and Convexity	1	550/0031	MS.109-a
25. Mathematical Logic ( <i>to follow course 6</i> )	1	550/0015	Ph.109-110, Ph.126
26. Further Mathematical Logic ( <i>to follow course 25</i> )	1	550/0028	MS.110-a
27. (a) Infinite Abelian Groups	$\frac{1}{2}$	550/0032	
(b) Commutative Algebra	$\frac{1}{2}$	550/0033	
<b>Additional Options</b>			
Ideas in Mathematics and Science	1	550/0026	MS.108-a
Operational Research Methods	1	340/0016	MS.314-315-a
Social Statistics	1	790/0010	MS.216-a
Statistical Demography	1	790/0820	Dm.100-101, Dm.105-106
Mathematical Economics I ( <i>to follow course 7</i> )	1	340/0012	Ec.116-a
Mathematical Economics II (two-year course)	1	340/0013	Ec.117-118
Econometric Theory (two-year course)	1	340/0011	MS.214-a
Applied Econometrics (two-year course)	1	340/0014	Ec.115-b, Ec.118
Social Structure of Modern Britain	1	780/2301	So.109-a
General Economics	1	340/0019	Ec.107-a
Social Policy	1	775/0005	SA.100, SA.103-104
Applied Spatial Analysis Urban and Regional System	1	420/0204	Gy.200-201
( <i>Applied Spatial Analysis is a prerequisite</i> )			
Psychological Aspects of the Study of Society ( <i>course 8d is a prerequisite</i> )	1	420/0396	Gy.309
	1	720/0407	Ps.106-a

**Other Options**

Students may also offer other course units available at the School or at other Colleges of the University where practicable, subject to Departmental approval. 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. In particular, Mathematics specialists may wish to consider the following courses taught at King's College.

- M204 Functions of a Complex Variable  $\frac{1}{2}$   
M310 Operators on the Hilbert Space  $\frac{1}{2}$   
M329 Biosystems Theory  $\frac{1}{2}$

Finally, Statistics specialists may offer in place of one of their optional units a report (790/0111) of not more than 10,000 words on an approved topic in Statistical theory of a field of application (to be presented not later than 1 April in the candidates third year).

### 3 Management Sciences

3.1 Candidates will normally be expected to take courses to the value of four course units in each year of the course.

3.2 All candidates are required to take the following courses:

- (a) 1, 3, 4 and 5. These will be taken in the first or second year, according to the entry qualification of the candidate: tutorial guidance will be given.
- (b) at least one course in Economics, Finance and Planning (courses 14–22).
- (c) at least one course in Organisation and Industrial Relations (courses 23–28).

3.3 All candidates are required to select *either* Systems Analysis or Operational Research as the core field of study.

Candidates selecting Systems Analysis are required to take courses 8, 11 and 12a. Candidates selecting Operational Research are required to take courses 9, 10 and at least one course from 12, 13 and 29–39.

3.4 The remaining courses will be selected under tutorial guidance.

The courses available are listed below. The number in parentheses following a title indicates the pre-requisite course. (Course 2 is regarded as equivalent to 'A' level Mathematics).

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
<b>First Year</b>			
1. Elements of Computer Science	1	295/0001	MS.303–304a, MS.311
2. Basic Mathematics (Introductory)	1	550/0016	MS.100–a
3. Elementary Mathematical Methods (2)	1	550/0021	MS.102–a
4. Elementary Statistical Theory (2)	1	790/0001	MS.204–a
5. <i>One of</i>			
(a) Economics A2	1		—
(b) Economics B	1	340/0023	Ec.102–a
(c) Introduction to Mathematical Economics (2)	1	340/0006	Ec.104–a
6. <i>One of</i>			
(a) Introduction to Logic	1	500/0002	Ph.107–a
(b) Introduction to Scientific Method	1	500/0003	Ph.100–a, Ph.102
(c) Introduction to Sociology	1	780/1101	So.100–a
(d) Introduction to Individual and Social Psychology	1	720/0106	Ps.100, Ps.100b
(e) Modern Politics and Government with Special Reference to Britain	1	340/0018	Gv.150–a
(f) English Legal Institutions	1	520/0001	LL.160–a
(g) Introduction to Human Geography	1	420/0004	Gy.100–a
7. <i>One of</i>			
(a) Introduction to Analysis and Set Theory (2)	1	550/0003	MS.103–a
(b) Introduction to Algebra (2)	1	550/0020	MS.101–a

#### Second and Third Years

##### Systems Analysis and Operational Research

8. Systems Analysis and Design (1)	1	295/0004	
9. Mathematical Programming (3)	1		
10. Operational Research Techniques and Simulation	1		
11. Operational Research Methods— <i>not to be taken if 9 or 10 is taken</i> (3,4)	1	340/0016	
12. <i>One of</i>			

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
(a) Applications of Computers (1)	1	295/0005	
(b) Applied Management Science (9,10)	1		
13. Games, Decisions and Gambling (7a, 29)	1	550/0024	
<b>Economics, Finance and Planning</b>			
14. Elements of Accounting (5)	1	340/0027	
15. Theory of Business Decisions (3,4,5)	1		
16. Public Finance (5)	1		
17. Economics of Industry (5)	1		
18. Labour Economics (5)	1		
19. Economics and Geography of Transport (5)	1	340/0024	
20. Mathematical Economics I (5c)	1	340/0012	
21. Actuarial Investigations: Statistical and Financial (2,4) (two-year course)	1		
22. Actuarial Life Contingencies (3)	1		
<b>Organisation and Industrial Relations</b>			
23. Organisation Theory and Practice	1		
24. Industrial Relations	1	340/0022	
25. Public Administration	1		
26. <i>One of</i>			
(a) Elements of Labour Law (6f)	1		
(b) Commercial Law (6f)	1		
27. Industrial Sociology (6c)	1	780/2604	
28. Psychological Aspects of the Study of Society (6d)	1	720/0407	
<b>Mathematics and Statistics</b>			
29. Mathematical Methods (3)	1	550/0012	
30. Numerical Methods (1)	1	295/0002	
31. Probability, Distribution, Theory and Inference (4,29)	1	790/0003	
32. Statistical Methods (31) (two-year course)	1	790/0007	
33. Sample Survey Theory and Methods and Further Statistical Theory (31)	1	790/0009	
34. Social Statistics (31)	1	790/0010	
35. Economic Statistics (4)	1		
36. Econometric Theory (31) (two-year course)	1	340/0011	
37. Topology and Convexity (7,29)	1		
38. Abstract Mathematics in Optimisation and Control (37)	1		
39. Scientific Method (6b)	1	500/0007	

With the exception of the introductory course Basic Mathematics, the courses listed as available in the first year may also be offered in the second or third year.

### 4 Mathematics and Philosophy

4.1 Candidates are required to take courses to the value of at least nine course units.

4.2 All students must take the four first year courses. To qualify for honours, a student must also take 5 or 6 or 7; 11; two courses from 13, 14, 15; 16 or

17 or 18. In the award of honours the total number of courses attempted will be taken into account. Students should make the choice of their optional courses in close consultation with their tutor.

	<i>Value in Course Units</i>	<i>Course Registration Number</i>	<i>Lectures Classes and Seminars</i>
<b>First Year</b>			
1. Introduction to Analysis and Set Theory	1	550/0003	MS.103-a
2. Introduction to Algebra	1	550/0020	MS.101-a
3. Introduction to Logic	1	500/0002	Ph.107-a
4. Introduction to Scientific Method	1	500/0003	Ph.100-a, Ph.102
<b>Second and Third Years</b>			
5. Further Analysis	1	550/0022	MS.104-a
6. Further Algebra	1	550/0023	MS.105-a
7. Mathematical Methods	1	550/0012	MS.113-a
8. Topology and Convexity	1	550/0031	MS.109-a
9. Games, Decisions and Gambling	1	550/0024	MS.106-a
10. Abstract Mathematics in Optimisation and Control	1	550/0030	MS.107-a
11. Mathematical Logic	1	550/0015	Ph.109-110, Ph.126
12. Further Mathematical Logic	1	550/0028	MS.110-a
13. Ideas in Mathematics and Science	1	550/0026	MS.108-a
14. History of Modern Philosophy, Bacon to Kant	1	500/0004	Ph.104-a
15. The Rise of Modern Science, Copernicus to Newton	1	500/0005	Ph.106-a
16. Epistemology and Metaphysics	1	500/0006	Ph.105, Ph.124
17. Scientific Method	1	500/0007	Ph.101-a, Ph.103, Ph.105, Ph.108-a, Ph.123, Ph.125
18. <i>Either</i> (i) an essay of 5,000-7,500 words written during the course of study on a topic approved either by the Mathematics Department or by the Philosophy Department.	1	550/0018 (Maths.) 500/0008 (Phil.)	—
<i>or</i> (ii) an essay written under examination conditions on a Mathematical or Philosophical topic.	1	550/0019 (Maths.) 500/0009 (Phil.)	—

This list is not exhaustive. Also available, for example, are the courses listed under the Mathematics, Statistics and Computing degree.

## 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:

*Value in Course Units*    *Course Registration Number*    *Lectures Classes and Seminars*

<b>First Year</b>			
1. Introduction to Social Anthropology	1	180/0037	An.100-a
2. Race and Culture	1	180/0036	An.101-a
3. Elementary Ethnography	1	180/0403	An.102-a
<b>Second Year</b>			
1. Studies of Kinship	1	180/0404	An.200-a
2. Political and Economic Institutions	1	180/0401	An.201-a
3. One of the following:			
(a) Statistical and Survey Methods of Social Investigation	1	790/0040	MS.201-202a
(b) Economics A	1	340/0010	Ec.100-a
(c) Comparative Social Structures	1	780/1102	So.101-a
(d) Sociological Theory	1	780/1201	So.102-a
(e) Introduction to Individual and Social Psychology	1	720/0106	Ps.100, Ps.100b
(f) Psychological Aspects of the Study of Society ( <i>Course 720/0002 or the consent of the Convener of the Psychology Department is required</i> )	1	720/0407	Ps.106-a
(g) Psychology of Personality, Motivation and Development ( <i>Course 720/0002 is normally a prerequisite</i> )	1	720/0205	Ps.111- Ps.112a
(h) Introduction to Scientific Method	1	500/0003	Ph.100-a, Ph.102
(i) Law and Dispute Settlement in Pre-literate Societies	1	520/0003	LL.122-a
<b>Third Year</b>			
1. Magic and Religion	1	180/0408	An.300-a
2. Advanced Theory of Social Anthropology	1	180/0411	An.303-a
3. One of the following:			
(a) Advanced Ethnography	1	180/0409	An.301-a
(b) Anthropological Linguistics	1	180/0410	Ln.100-a
(c) Primitive Art <sup>1</sup>	1	180/0412	—
(d) Social Aspects of Political and Economic Development	1	180/0414	An.304-a
4. Special Essay Paper in Social Anthropology (One essay of 6,000 words or two essays each of 3,000 words)	1	180/0413	—

## 6 Social Psychology

(for candidates who entered the Course in or before October 1976)

- 6.1 Candidates are normally required to take courses to the value of eleven course units during the three years of study. Four of these will be in the first year, four in the second year and three in the third year.
- 6.2 In the final year each candidate is required to carry out a research project under the supervision of a member of staff.
- 6.3 In addition to the courses set out below candidates for the degree may be required to attend a small number of courses designed to enable them to see psychology and social psychology in their proper perspective. These courses will not be separately examined.

<sup>1</sup> Not available in 1977-78.

6.4 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.

6.5 A candidate is required to take the following courses:

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars	
<b>First Year</b>				
1. Fundamental Approaches to the Study of Behaviour	1	720/0104	—	
2. Introduction to General and Social Psychology	1	720/0101	—	
3. Foundations of Experimental Psychology	1	720/0103	—	
4. Courses in other disciplines: (See List C below)	1	—	—	
<b>Second Year</b>				
1. Psychology of Personality, Motivation and Development	1	720/0205	Ps.111-112a	
2. Psychology of Perception and Skill	$\frac{1}{2}$	720/0206	Ps.110-a	
3. Social Psychology: Attitudes and Cognition	$\frac{1}{2}$	720/0203	Ps.106-a	
4. Methods and Assumptions of Social Psychological Research	$\frac{1}{2}$	720/0204	Ps.107-108a	
5. Psychology of Learning, Remembering and Thinking	$\frac{1}{2}$	720/0202	Ps.109-a	
6. Courses in other disciplines: (See List C below)	1	—	—	
<b>Third Year</b>				
1. Advanced Social Psychology	1	720/0301	Ps.115	
2. Research Project	1	720/0302	—	
3 and 4. Courses to the value of 1 course unit. At least one course must be selected from List A.	1	—	—	
Not all courses in Lists A and B may be available every session.				
<b>List A</b>				
(a) Child Development II	$\frac{1}{2}$	720/0303	Ps.116	
(b) Information Processing <sup>1</sup>	$\frac{1}{2}$	720/0304	—	
(c) Personality and Motivation II	$\frac{1}{2}$	720/0305	Ps.117	
(d) Psycholinguistics	$\frac{1}{2}$	720/0306	Ps.151	
<b>List B</b>				
(a) Communications and Attitude Change	$\frac{1}{2}$	720/0307	Ps.118, Ps.150	
(b) Groups and Group Functioning <sup>1</sup>	$\frac{1}{2}$	720/0308	—	
(c) Social Psychology of Conflict	$\frac{1}{2}$	720/0309	Ps.156	
(d) Applications of Social Psychology	$\frac{1}{2}$	720/0310	Ps.159	
<b>List C: Courses in other disciplines</b>				
	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
<b>Anthropology</b>				
Introduction to Social Anthropology	1	180/0037	1 or 2	An.100-a
Elementary Ethnography	1	180/0403	1 or 2	An.102-a
Studies of Kinship (Course 180/0037 is a prerequisite)	1	180/0404	2	An.200-a

<sup>1</sup>Not available in 1977-78.

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
<b>Economics</b>				
Economics A	1	340/0010	1 or 2	Ec.100-a
<b>Geography</b>				
Introduction to Human Geography	1	420/0004	1 or 2	Gy.100-a
<b>Linguistics</b>				
Elementary Linguistics	1	290/0002	1 or 2	Ln.100, Ln.100b
<b>Philosophy</b>				
Introduction to Scientific Method	1	500/0003	1 or 2	Ph.100-a, Ph.102
Introduction to Log	1	500/0002	1 or 2	Ph.107-a
<b>Social Administration</b>				
Social Policy	1	775/0005	1 or 2	SA.100, SA.103-104
<b>Sociology</b>				
Introduction to Sociology	1	780/1101	1 or 2	So.100-a
The Social Structure of Modern Britain	1	780/2301	1 or 2	So.109-a
Social and Moral Philosophy	1	780/2507	1 or 2	So.104-a
Industrial Sociology (Course 780/1101 is a prerequisite)	1	780/2604	2	So.116-a
Criminology (Course 780/1101 is a prerequisite)	1	780/2601	2	So.118-a
Political Sociology (Course 780/1101 is a prerequisite)	1	780/2603	2	So.114-a
<b>Demography</b>				
Elements of Demographic Analysis	1	780/0001	2	Dm.102-104a
<b>Mathematics</b>				
Basic Mathematics (Introductory)	1	550/0016	1 or 2	MS.100-a
Other courses may be approved by the department.				

(For candidates registering in October 1977)

- 6.1A Candidates are normally required to take courses to the value of twelve course units during the three years of study.
- 6.2A In the final year each candidate is required to carry out a research project under the supervision of a member of staff.
- 6.3A 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.
- 6.4A A candidate is required to take the following courses:

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
<b>First Year</b>			
1. Introduction to Individual and Social Psychology	1	720/0106	
2. Cognitive Psychology I	$\frac{1}{2}$	720/0105	
3. Biological Bases of Behaviour	$\frac{1}{2}$	24/804/0003	
4. Methods of Psychological Research I	$\frac{1}{2}$	720/0107	
5. Statistical Methods in Social Research	$\frac{1}{2}$	720/0108	
6. One course outside Psychology	1	—	

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
<b>Second Year</b>			
1. Dynamics of Social Behaviour	1		
2. Cognitive Psychology II: Development and Organisation of Cognitive Processes	1		
3. Methods of Psychological Research II: Social and Statistical	1		
4. One course outside Psychology	1		
<b>Third Year</b>			
1. Advanced Study of Psychological Processes	1		
2. Social Change and Social Organisations	1		
3. Methods of Psychological Research III: Project and Data Analysis	1		
4 and 5. Courses to the value of one unit from the following list:			
Child Development	$\frac{1}{2}$		
Personality	$\frac{1}{2}$		
Social Psychology of Conflict	$\frac{1}{2}$		
Attitude Change and Communication	$\frac{1}{2}$		
Applications of Social Psychology	$\frac{1}{2}$		
Psycholinguistics	$\frac{1}{2}$		

#### Courses in other disciplines

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
<b>Anthropology</b>				
Introduction to Social Anthropology	1	180/0037	1 or 2	An.100-a
Elementary Ethnography	1	180/0403	1 or 2	An.102-a
Studies of Kinship (Course 180/0037 is a prerequisite)	1	180/0404	2	An.200-a
<b>Economics</b>				
Economics A	1	340/0010	1 or 2	Ec.100-a
<b>Geography</b>				
Introduction to Human Geography	1	420/0004	1 or 2	Gy.100-a
<b>Linguistics</b>				
Elementary Linguistics	1	290/0002	1 or 2	Ln.100, Ln.100b
<b>Philosophy</b>				
Introduction to Scientific Method	1	500/0003	1 or 2	Ph.100-a, Ph.102
Introduction to Logic	1	500/0002	1 or 2	Ph.107-a
<b>Social Administration</b>				
Social Policy	1	775/0005	1 or 2	SA.100, SA.103-104
<b>Sociology</b>				
Introduction to Sociology	1	780/1101	1 or 2	So.100-a
The Social Structure of Modern Britain	1	780/2301	1 or 2	So.109-a
Social and Moral Philosophy	1	780/2507	1 or 2	So.104-a
Industrial Sociology (Course 780/1101 is a prerequisite)	1	780/2604	2	So.116-a

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
<b>Criminology</b>				
(Course 780/1101 is a prerequisite)	1	780/2601	2	So.118-a
<b>Political Sociology</b>				
(Course 780/1101 is a prerequisite)	1	780/2603	2	So.114-a
<b>Demography</b>				
Elements of Demographic Analysis	1	780/0001	2	Dm.102- 104a
<b>Mathematics</b>				
Basic Mathematics (Introductory)	1	550/0016	1 or 2	MS.100-a
Other courses may be approved by the department.				

## 7 Sociology

(for candidates who entered the course in or before October 1976)

- 7.1 Candidates are required to take courses to the value of at least ten course units, with a minimum of three course units each year. Courses will normally be examined at the end of the session in which they are taught.
- 7.2 To qualify for Honours in Sociology a candidate is required to complete six course units in Sociology, including the four compulsory courses and to pass in Sociology courses to the value of five course units.
- 7.3 A candidate may take up to four course units in courses outside Sociology.
- 7.4 A candidate will not normally be permitted to take more than a total of four courses valued at a half course unit during the three years of study.
- 7.5 A candidate may be permitted to submit a report of not more than 10,000 words on a topic approved by the convener of the department of Sociology in substitution for a course or courses to the value of one course unit in List A. The report must be presented not later than 1 May in the academic year of submission.
- 7.6 A candidate is required to take the following courses:

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
<b>First Year</b>			
1. Introduction to Sociology	1	780/1101	—
2. Methods of Social Research	1	790/1401	—
3. A course to the value of one unit from List B	1	—	—
4. Optional: A course or courses to the value of not more than one unit from Lists A or B	—	—	—
<b>Second Year</b>			
1. Comparative Social Structures	1	780/1102	So.101-a
2. Sociological Theory	1	780/1201	So.102-a
Courses to the value of at least one unit from List A and/or List B	1	—	—
<b>Third Year</b>			
1, 2 and 3. Courses to the value of at least three units from List A and/or List B	3	—	—

(For candidates registering in and after October 1977)

- 7.1A 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.



7.2A To qualify for Honours in Sociology a candidate is required to complete seven course units in Sociology, including the five compulsory courses and to pass in Sociology courses to the value of six course units.

7.3A A candidate may take up to five course units in courses outside Sociology.

7.4A A candidate will not normally be permitted to take more than a total of four courses valued at a half course unit during the three years of study.

7.5A A candidate may be permitted to submit a report of not more than 10,000 words on a topic approved by the convener of the department of Sociology in substitution for a course of courses to the value of one course unit in List A. The report must be presented not later than 1 May in the academic year of submission.

7.6A A candidate is required to take the following courses:

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars	
<b>First Year</b>				
1. Introduction to Sociology	1	780/1101	So.100-a	
2. Methods of Social Research	1	790/1401	MS.201-202a, So.103	
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 Lists A or B	1	—	—	
<b>Second Year</b>				
1. Comparative Social Structures: I	1	780/1103		
2. Sociological Theory	1	780/1201		
3 and 4. Courses to the value of at least two units from List A and/or List B	2	—		
<b>Third Year</b>				
1. Comparative Social Structures: II	1	780/1104		
2, 3 and 4. Courses to the value of at least three units from List A and/or List B	3	—		
<b>Optional Courses</b>				
<b>List A: Courses in Sociology</b>				
	Value in Course Units	Course Registration Number	Lectures Taken in Year	Lectures Classes and Seminars
Social and Moral Philosophy (not available to candidates who have taken course 780/2501, 780/2504 or 780/2503)	1	780/2507	2 or 3	So.104-a
Ideologies: the Sociology of Belief Systems	1	780/2508	2 or 3	So.105-a
The Social Structure of Modern Britain	1	780/2301	2 or 3	So.109-a
The Social Structure of the Soviet Union	1	780/2304	2 or 3	So.110
The Development of Modern Japanese Society	1	780/2306	2 or 3	So.111-a
Political Sociology	1	780/2603	2 or 3	So.114-a
Political Processes and Social Change	1	780/2202	2 or 3	So.115-a
Industrial Sociology	1	780/2604	2 or 3	So.116-a
Sociology of Religion	1	780/2605	2 or 3	So.113-a
Elements of Demographic Analysis	1	780/0001	2 or 3	Dm.102-Dm.104a
Industrialisation and Theories of Social Change	1	780/2201	2 or 3	So.112-a
Criminology	1	780/2601	2 or 3	So.118-a
Sociology of Deviant Behaviour	1	780/2602	2 or 3	So.119-a

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
Society and Literature	1	780/2610	2 or 3	So.107-a
Sociology of Knowledge and Science	1	780/2609	2 or 3	So.106-a
Sociology of Sex and Gender Roles: Women in Society	1	780/2608	2 or 3	So.117-a
Race Relations and Minority Groups	1	780/2203	2 or 3	SA.122, SA.122b

**List B: Courses outside Sociology**

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
<b>Anthropology</b>				
Introduction to Social Anthropology	1	180/0037	1, 2 or 3	An.100-a
Studies of Kinship ( <i>Course 180/0037 is a prerequisite</i> )	1	180/0404	2	An.200-a
Political and Economic Institutions ( <i>Course 180/0037 is a prerequisite</i> )	1	180/0401	2	An.201-a
Magic and Religion ( <i>Course 180/0037 is a prerequisite</i> )	1	180/0408	3	An.300-a
Primitive Art <sup>1</sup> ( <i>Course 180/0037 is a prerequisite</i> )	1	180/0412	3	—
<b>Economics</b>				
Economics A	1	340/0010	1, 2 or 3	Ec.100-a
<b>Geography</b>				
Introduction to Human Geography	1	420/0004	1, 2 or 3	Gy.100-a
<b>Government</b>				
Modern Politics and Government with special reference to Britain	1	340/0018	1, 2 or 3	Gv.150-a
<b>History</b>				
Economic History of Great Britain and the U.S.A. 1850-1939	1	340/0008	1, 2 or 3	EH.100-a
The Social and Political Structure of Britain in the 19th Century	1	340/0021	1, 2 or 3	EH.104-a
<b>Industrial Relations</b>				
Industrial Relations	1	340/0022	1, 2 or 3	Id.104, Id.104b
<b>Law</b>				
English Legal Institutions	1	520/0001	1, 2 or 3	LL.160-a
<b>Linguistics</b>				
Elementary Linguistics	1	290/0002	1, 2 or 3	Ln.100, Ln.100b
Sociolinguistics: Language and the Community ( <i>290/0002 is a prerequisite</i> )	1	290/0003	2 or 3	—
Language, Mind and Society	1	—	1, 2 or 3	—
<b>Philosophy</b>				
Introduction to Logic	1	500/0002	1, 2 or 3	Ph.107-a
Introduction to Scientific Method	1	500/0003	1, 2 or 3	Ph.100-a, Ph.102
<b>Social Administration</b>				
Social Policy	1	775/0005	1, 2 or 3	SA.100, SA.103-104
<b>Social Psychology</b>				
Introduction to Individual and Social Psychology	1	720/0106	1, 2 or 3	Ps.100, Ps.100b
Psychological Aspects of the Study of Society ( <i>Course 720/0002 is normally a prerequisite</i> )	1	720/0407	2 or 3	Ps.106-a

<sup>1</sup>Not available in 1977-78.

## 8 French Studies

(for candidates who registered in October 1975)

Candidates who complete the appropriate courses will be considered for the award of Honours. Examiners will take all a candidate's courses into account in deciding upon the class of Honours to award.

Candidates are required to take the following courses:

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
<b>First Year</b>			
1. Translation from and into French I	½	750/0003	—
2. <i>Either</i> (a) An outline of the history of ideas in France in the 17th and 18th Centuries	½	750/0016	—
<i>or</i> (b) An outline of 17th and 18th Century French Literature	½	750/0015	—
3. <i>One</i> of the following:			
(a) Introduction to Sociology	1	780/1101	—
(b) Introduction to Social Anthropology	1	180/0037	—
(c) <i>either</i> German I	1	450/0001	—
<i>or</i> Spanish I	1	750/0100	—
<i>or</i> Russian I	1	770/0001	—
(d) Elementary Linguistics	1	290/0002	—
(e) Literature and Society in Britain 1830-1900	1	380/0001	—
(f) Literature and Society in Britain 1900 to the present day	1	380/0002	—
(g) Any other approved subject offered at the School	1	—	—
<b>Second Year</b>			
4. <i>Either</i> (a) The French language in the 20th Century	1	750/0021	—
<i>or</i> (b) The History of the French Language	1	750/0022	—
5. <i>Either</i> (a) History of Ideas in France in the 19th Century	½	750/0018	—
<i>or</i> (b) French Literature in the 19th Century	½	750/0017	—
6. The History of Modern France	1	480/0014	—
7. <i>One</i> of the following: ( <i>excluding a subject taken in Year I</i> )			
(a) <i>either</i> German I	1	450/0001	—
<i>or</i> Spanish I	1	750/0100	—
<i>or</i> Russian I	1	770/0001	—
(b) <i>either</i> German II	1	450/0005	—
<i>or</i> Spanish II	1	750/0102	—
<i>or</i> Russian II	1	770/0002	—
(c) Elementary Linguistics ( <i>if not already taken</i> )	1	290/0002	—
(d) Comparative Social Structures ( <i>Course 780/1101 is a prerequisite</i> )	1	780/1102	—
(e) Literature and Society in Britain 1830-1900 ( <i>if not already taken</i> )	1	380/0001	—
(f) Literature and Society in Britain 1900 to present day ( <i>if not already taken</i> )	1	380/0002	—
8. A report to be written in French, on a subject connected with the course and approved by the Tutor	1	—	—

Value in Course Units	Course Registration Number	Lectures Classes and Seminars
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### Third Year

9. Translations from and into French II	1	750/0014	
10. Oral examination	½	750/0013	
11. <i>Either</i> (a) History of Ideas in France in the 20th Century	1	750/0012	
<i>or</i> (b) French Literature in the 20th Century	1	750/0006	
12. <i>One</i> subject for special study from the following:			
(a) The French Language: Linguistic Geography and Dialectology	1	750/0011	
(b) French Thought in the 20th Century	1	750/0008	
(c) The Social and Political History of France since 1870	1	480/0012	
(d) Flaubert	1	750/0010	
(e) French Theatre and the Advant-Garde	1	750/0009	
13. <i>Either</i> (a) The Economic History of Western Europe from 1815	1		
<i>or</i> (b) French Literature under the 2nd Empire and its Social and Political Background*	1		
14. <i>One</i> of the following:			
(a) The Politics and Government of France	1		
(b) France in Western Europe since 1945	1	750/0004	
(c) French Literature under the 2nd Empire and its Social and Political Background*	1		
(d) Sociolinguistics ( <i>Course 290/0002 is a prerequisite</i> )	1	290/0003	

\*can only be taken in either 13 or 14

(For candidates registering in and after October 1976)

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:

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
<b>First Year</b>			
1. The Development of Ideas and Literature in France in the 17th and 18th Centuries	1	750/0030	Gv.106, Ln.202-a
2 and 3. <i>Two</i> of the following:			
(a) History of European Ideas since 1700	1	480/0013	Hy.102-a
(b) European History c. 1600-1789	1	480/0019	Hy.114
(c) The Language of Politics: An Introduction to Political Theory	1	340/0025	Gv.101-a
(d) The Structure of International Society	1	340/0026	IR.101-a
4. Any other subject taught in the B.Sc. (Econ.) or Course-unit degree at the School†	1	—	—
<b>Second Year</b>			
5. The Development of Modern French	1	750/0109	Ln.201
6. <i>Either</i> (a) The History of Ideas in France in the 19th and 20th Centuries	1	480/0020	Ln.203
<i>or</i> (b) French Literature in the 19th and 20th Centuries	1	750/0002	Ln.204-a

†Subject to the approval of the teachers concerned and to the course being registered.

	<i>Value in Course Units</i>	<i>Course Registration Number</i>	<i>Lectures Classes and Seminars</i>
7. The Politics and Government of France	1	340/0020	Gv.164-a
8. <i>One of the following:</i>			
(a) The Economic History of Western Europe from 1815	1	340/0032	EH.105-a
(b) The International Political System	1	340/0004	IR.102-a, IR.119
(c) The Politics of Western European Integration	1	340/0033	IR.116-117
(d) Foreign Policy Analysis, with particular reference to Western Europe	1	340/0034	IR.103-105
(e) <i>Either</i> (i) An approved modern foreign language other than French	1	—	—
or (ii) Elementary Linguistics	1	290/0002	Ln.100, Ln.100b
(f) European History 1789-1945	1	480/0018	Hy.115
(g) World History since 1890	1	480/0016	Hy.101-a

### Third Year

9. Translation from and into French	1		
10. Report and Oral Examination in French	1		
11. The Social and Political History of France since 1870	1	480/0012	
12. <i>One of the following:</i>			
(a) Texts in French Thought in the 20th Century	1		
(b) The French Language in the 20th Century	1		
(c) French Literature under the Second Empire and its Social and Political Background	1		

Students will be expected to undertake a period of study abroad.

## 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:

	<i>Value in Course Units</i>	<i>Course Registration Number</i>	<i>Normally Taken in Year</i>	<i>Lectures Classes and Seminars</i>
1. Introduction to Logic	1	500/0002	1	Ph.107-a
2. Introduction to Scientific Method	1	500/0003	1	Ph.100-a, Ph.102
3. History of Modern Philosophy, Bacon to Kant	1	500/0004	2 and 3	Ph.104-a
4. The Rise of Modern Science, Copernicus to Newton	1	500/0005	2 and 3	Ph.106-a
5. Epistemology and Metaphysics	1	500/0006	2 and 3	Ph.105, Ph.124
6. Scientific Method	1	500/0007	2 and 3	Ph.101-a, Ph.103, Ph.105, Ph.108-a, Ph.123, Ph.125
7. <i>Either</i> Logic	1	550/0010	2	Ph.107, Ph.107b, Ph.108-a, Ph.126
or Mathematical Logic	1	550/0015	2 and 3	Ph.109-110, Ph.126
8. <i>Either</i> an Essay of 5,000-7,500 words written during the course of study on a topic approved by the Philosophy Department	1	500/0008	—	—
or an Essay written under examination conditions on a Philosophical topic	1	500/0009	—	—

## B.Sc. Social Science and Administration

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

### Entrance Requirements

The entrance requirements for the degree are set out in the table on page 123.

### 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.

### Subjects of Examination

The First Year Examination will consist of the following:

1. Introduction to Sociology

*Lectures, Classes and Seminars*  
SA.109-110a,  
SA.119(iii)  
Ec.101, MS.201-202a,  
SA.114, SA.114b,  
SA.115a

2. Economics and Statistics

3. History of Social Policy in the 19th and 20th Centuries  
Each of the subjects 1-8 below may be examined at the discretion of the University by:

SA.100-101, SA.109

*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 candidates 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.

The Final Examination will consist of the following:

\*1. Social and Public Administration

SA.103, SA.107,  
SA.108a  
Ec.105, Ec.107,  
SA.114c

\*2. Social Economics

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

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\*3. Social Structure

\*4. Social Investigation

5. Social Policy

6. Social and Political Theory

*Lectures, Classes and Seminars*

SA.119(ii), So.119  
SA.115, SA.115b-c  
SA.102-b, SA.150  
Gv.109, SA.120a-b,  
So.102

7 and 8. Two of the following, subject to the approval of the School and availability of the course concerned:

(a) Educational Policy and Administration	SA.121-b
(b) Race Relations and Minority Groups	SA.122-b
(c) Personal Social Services	SA.123-b
(d) Social Policy of Developing Countries	SA.124
(e) Housing and Urban Structure	SA.125-b, SA.150
(f) Health Administration	SA.126-b
(g) Law and Social Policy	—
(h) Social Theory and Social Policy 1870-1918	SA.127a-b
(i) General and Social Psychology	Ps.100, SA.117, SA.118(i)

(j) Industrial Sociology	So.116-a
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(This paper will be examined for the last time in 1978)

(k) Sociology of Deviance	SA.128a-b, So.119
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(This paper will be examined for the last time in 1978)

(l) Penology	—
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(This paper will be examined for the last time in 1978)

(m) The Family in Law and in Society	—
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(n) Demography	—
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(This paper will be examined for the last time in 1978)

(o) Sociology of Education	—
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(This paper will be examined for the last time in 1978)

(p) Political Sociology	—
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(q) Interpersonal Relations	—
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(This paper was examined for the last time in 1977)

(r) Values and Society	—
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(s) Urban and Regional Economics	—
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(t) Parliament, Policy-making and the Legislative Process	—
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(u) Sociology of Religion	—
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(This paper was examined for the last time in 1977)

(v) British Social History in the 19th and 20th Centuries	—
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(w) The Sociology of Medicine	—
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(x) Sociology of Deviance and Control	—
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(y) Population Studies	—
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(z) The Sociology of Sex and Gender Roles: Women in Society	So.117-a
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The following combinations of subjects may *not* be offered:

(i) and (q); (k) and (x); (l) and (x); (n) and (y); (r) and (u).

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.

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## 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 201).

### 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 subjects (a) to (d):

	<i>Lectures, Classes and Seminars</i>
a) Public Law I	LL.100-a
b) Law of Contract	LL.101-a
c) Law of Property I	LL.102-a
d) English Legal System	LL.103-a

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 any 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:

	<i>Lectures, Classes and Seminars</i>
Law of Tort and in	LL.104-a
Criminal Law	LL.105-a

and in other courses to the value of two subjects from the following lists:

	<i>Lectures, Classes and Seminars</i>
(i) (a) Property II	LL.110-a
(b) Law of Evidence	LL.111-a
(c) History of English Law (not available at present)	—
(d) Public International Law	LL.112-a
(e) Labour Law	LL.115-a
(f) Domestic Relations	LL.116-a, LL.225
(g) Administrative Law, with special reference to Local Government (Essay)	LL.118-a
(h) International Protection of Human Rights	LL.119-a
(i) Basic Principles of the Soviet and Yugoslav Legal Systems	LL.120-a
(j) Legislation (Essay)	LL.121
(k) Law and Dispute Settlement in Pre-literate Societies	LL.122-a
(l) Introduction to European Law	LL.123
(m) The Law Relating to Land Use and the Environment (not available at present)	—
(n) Legal and Social Change since 1750	LL.124
(o) Housing Law	LL.125
(ii) (a) Public Law II	LL.140
(b) Sentencing and Treatment of Offenders	LL.141-a
(c) Law Relating to Civil Liberties	LL.142
(d) Legal Services to the Community (Essay)	LL.143
(e) Social Security	LL.144
(f) Law of Landlord and Tenant	LL.145
(g) Race, Nationality and the Law	LL.146
(h) Sociological Theory and the Idea of Law	LL.147

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:

	<i>Lectures, Classes and Seminars</i>
Jurisprudence	LL.106-a

He is also required to satisfy the examiners in other courses to the value of three subjects selected from the following lists:

	<i>Lectures, Classes and Seminars</i>
(i)	
(a) Property II	LL.110-a
(b) Law of Evidence	LL.111-a
(c) History of English Law ( <i>not available at present</i> )	—
(d) Public International Law	LL.112-a
(e) Conflict of Laws	LL.113
(f) Mercantile Law	LL.114-a
(g) Labour Law	LL.115-a
(h) Domestic Relations	LL.116-a, LL.225
(i) Administration of Estates and Trusts ( <i>not available after session 1976/7</i> )	—
(j) Law of Business Associations	LL.117-a
(k) Administrative Law, with special reference to Local Government (Essay)	LL.118-a
(l) International Protection of Human Rights	LL.119-a
(m) Basic Principles of the Soviet and Yugoslav Legal Systems	LL.120-a
(n) Legislation (Essay)	LL.121
(o) Law and Dispute Settlement in Pre-literate Societies	LL.122-a
(p) An Introduction to European Law	LL.123
(q) The Law relating to Land Use and the Environment ( <i>not available at present</i> )	—
(r) Legal and Social Change since 1750	LL.124
(s) Housing Law	LL.125
(ii)	
(a) Public Law II	LL.140
(b) Sentencing and Treatment of Offenders	LL.141-a
(c) Law Relating to Civil Liberties	LL.142
(d) Legal Services to the Community (Essay)	LL.143
(e) Social Security	LL.144
(f) Law of Landlord and Tenant	LL.145
(g) Race, Nationality and the Law	LL.146
(h) Sociological Theory and the Idea of Law	LL.147

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.

## 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 a 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.

### Examination papers

	<i>Lectures, Classes and Seminars</i>
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	Hy.200-201
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	Hy.200, Hy.202
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	Hy.200, Hy.203
B1. European History from 400 to 1200	Hy.204
B2. European History from 1200 to 1500	Hy.205
B3. European History from 1500 to 1800	Hy.113, Hy.206
B4. European History from 1800	Hy.100, Hy.116, Hy.207
Group C: <i>the School offers teaching for those papers indicated. Teaching for the remainder is available in other Schools and Colleges of the University</i>	
C1. History of Political Ideas. The paper will be divided into three sections:	Gv.100, Gv.102, Hy.102
(a) European	
(b) South Asian	—
(c) Islamic	—
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.	
Candidates must attempt at least one question from each of the subsections (a) (i) and (a) (ii).	
The following papers may be selected only subject to the approval of the School:	
C2. Any one of papers A1-A3 in Branch 1B, or of the first three papers in one of Branches III, IV, V and VII or of papers A1-A4 in Branch VI, or of the first two papers in Branch VIII	—
C3. History of the U.S.A. since 1783	—
C4. History of Latin America from the middle of the 18th century	—

	<i>Lectures, Classes and Seminars</i>
C5. History of the British Empire and Commonwealth. The 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	Hy.101, Hy.208
6. An Optional Subject: <i>the School offers teaching only for those papers indicated; teaching for the remainder is available in other Schools and Colleges of the University</i>	Hy.117-118, Hy.210-211
7 and 8. A Special Subject: <i>the School offers teaching only for those papers indicated; teaching for the remainder is available in other Schools and Colleges of the University</i>	Hy.212-216

Special subjects will be examined by one three-hour paper normally including passages for comment from prescribed texts and *either* by another three-hour paper *or* by an essay not exceeding 5,000 words *or* two essays of not more than 2,500 words each. Such essays, which shall refer to texts 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 type-written. The method of examination to be adopted for any particular special 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

### ACCOUNTING

#### Institute of Chartered Accountants in England and Wales

In order to qualify as a chartered accountant, a period under a training contract with a firm of chartered accountants is necessary. Holders of a first degree normally have this period reduced to three years. Full particulars may be obtained from the Secretary, Institute of Chartered Accountants in England and Wales, P.O. Box 433, Chartered Accountants Hall, Moorgate Place, EC2P 2BJ.

Graduates who have taken an 'approved degree' are entitled also to exemption from the Institute's foundation examination. At the University of London, the course leading to the 'approved degree' is the course for the B.Sc. (Econ.) with the special subject Accounting and Finance. Partial exemption may be given to graduates who have taken other courses which include law, economics or statistics. Further information is given in the pamphlet *Degree Studies and the Accountancy Profession* (obtainable from the Institute and also from the Registrar of the School).

Experience has shown that students from overseas often have difficulty after graduation in getting a training contract with a firm of professional accountants in Britain. Such students would therefore be greatly helped if they could obtain an offer of a training contract from a suitable firm before beginning their studies.

#### Institute of Chartered Accountants of Scotland

The 'approved degree' is recognised by the Institute of Chartered Accountants of Scotland as a preliminary qualification under their regulation requirements provided the subject English Legal Institutions is taken.

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

Various exemptions are given from the Institute's examinations on the basis of papers taken at degree examinations.

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 departments of a commercial or industrial company, one of the nationalised industries, in national or local government or in the office of a practising accountant (not under articles).

The period of articles or approved training for graduates is three years. Various exemptions are given from the Association's examinations to those who have taken the 'approved degree' (B.Sc. (Econ.) with the special subject Accounting and Finance) or relevant subjects in other degrees.

Further information may be obtained from the Secretary of the Association, 22 Bedford Square, London, WC1B 3HS.

#### Institute of Cost and Management Accountants

Students obtain their practical training in industry. Various exemptions are given from the Institute's examinations to those who have taken relevant subjects.

Further information may be obtained from the Chief Education Officer, 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.

### LAW

#### The Bar

The Council of Legal Education will normally grant to a student who has obtained a 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. 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 normal period of articles is five years, but for candidates who have taken a degree at an approved university the period is reduced to two-and-a-half years. Any first degree of the University of London entitles the holder to this reduction. In the case of law graduates the period for articles is reduced to two years.

In most cases law graduates are wholly exempt from Part I of the Law Society's qualifying examination and may sit for Part II of the qualifying examination 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 (namely mathematics, statistics and economics 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 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. With-in 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.



## Regulations for Diplomas Awarded by the School

The School awards the following diplomas:

- (1) Diploma in Social Planning in Developing Countries
- (2) Diploma in Social Administration:  
One-year Course for Graduates
- (3) Diploma in Personnel Management
- (4) Diploma in Social Work Studies
- (5) Diploma in Statistics
- (6) Diploma in Systems Analysis and Design

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

### (1) Diploma in Social Planning in Developing Countries

The London School of Economics and Political Science, with support from the Foreign and Commonwealth Office (Overseas Development Administration) offers a course in Social Planning in Developing Countries.

It is designed for men and women who work in the Civil Service and in other organisations concerned with social policies and social administration. One of the purposes of the course is to assist a student to stand outside the immediate circumstances of his own country and to consider general questions about the methods and organisation of social development. He will be encouraged to examine the policies of western countries, and to assess for himself their suitability for his own country's problems. Though western ideas, institutions and experience are drawn on in the teaching, they are viewed in terms of their possible application to the problems of less developed areas.

If required, opportunity will be provided during the course for students to spend short periods in central or local government departments, or some other administrative agency in which they may be interested.

Members of the course will normally be university graduates who have had several years' experience of relevant work. Admission may also be offered, in special circumstances, to candidates otherwise well qualified who do not hold degrees, or to graduates who have had no practical experience, but are taking up appointments in social administration or allied fields.

The course covers one academic year.

The course will cover the following subjects:—

1. Social Policy and Planning in Developing Countries.
2. Two of the following:—
  - (i) Problems of Health and Disease
  - (ii) Planning of Welfare Services
  - (iii) Planning Community Development
  - (iv) Social and Economic Aspects of the Housing System
  - (v) Social Implications of Education.

At the end of the course a paper will be set in each of the three branches of study. Suitably qualified persons will be allowed to substitute for one of the papers a dissertation on some specialised topic within the field of social planning.

Applications for admission to the course should be sent by 15 April to the Assistant Registrar (Admissions), London School of Economics, Houghton Street, London, WC2A 2AE.

### Regulations

1. There shall be a Diploma in Social Planning in Developing Countries which shall be awarded to persons who, having completed the course of study prescribed by these regulations, have satisfied the examiners in the examination for the Diploma.

2. No person shall be admitted to the prescribed course of study for the Diploma unless:—

- (a) he holds a university degree or other qualification approved for this purpose by the convener of the Department of Social Science and Administration,
- and (b) he has had practical experience or other qualifications of special relevance to the course.

3. The prescribed course of study shall be of one academic year's duration.

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year on dates determined by the convener of the Department of Social Science and Administration. Candidates will normally take papers in three subjects:—

*Lectures, Classes and Seminars*

- |                                                        |                                              |
|--------------------------------------------------------|----------------------------------------------|
| (1) Social Policy and Planning in Developing Countries | Ec.130, Ec.188,<br>SA.170-171,<br>SA.173-174 |
| (2) Two of the following:                              |                                              |
| (i) Problems of Health and Disease                     | SA.154, SA.175                               |
| (ii) Planning of Welfare Services                      | SA.176                                       |
| (iii) Planning Community Development                   | SA.177                                       |
| (iv) Social and Economic Aspects of the Housing System | SA.125, SA.178                               |
| (v) Social Implications of Education                   | Ec.196, SA.179                               |

5. Candidates who have sufficient qualifications and have shown appropriate abilities may be allowed to substitute, for one of the papers, a dissertation upon some aspect of social planning. This substitution shall depend upon the convener's agreement and the form and length of the dissertation shall be settled by the convener.

6. In assessing a candidate's performance the examiners shall have regard to the essays or other work written by the candidate during the course.

7. The examiners may test any candidate by means of oral questions.

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. 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 external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

10. In order to satisfy the examiners in the examination a candidate shall be required to reach in each subject a standard prescribed by them.

11. A candidate who reaches 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 he is then successful he shall be awarded the Diploma.

12. 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.

13. 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.

14. 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 Academic Secretary for an aegrotat award.

Having considered the work which the candidate has submitted 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, the examiners will determine whether evidence has been shown to their satisfaction that, had he 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.

## (2) Diploma in Social Administration

The School offer a course of study for full-time day students leading to a Diploma in Social Administration. The course is designed to give a broad general education in the social sciences. Students who wish to prepare themselves to work as professional social workers after this course of study normally proceed to a course of training leading to a professional qualification.

The teaching for the Diploma combines theoretical study of the social sciences and practical experience in the fields of social administration, social work and social research. The curriculum includes lectures and classes in Economic and Social History, Economics, Psychology, Sociology, Social Anthropology and Social Policy and Administration. Each student is assigned to a tutor who is responsible for the general supervision of his studies. For tutorials and classes the students are required to do regular written work. Variations are made in the course to meet the needs of students who are preparing to work in the low-income countries.

Field work in both statutory and voluntary agencies is arranged with the aim both of helping the students to gain a better appreciation of social conditions and social problems and of giving them an introduction to the practice of social work. This is undertaken during vacations. In their own interests students are advised to gain some experience outside London, and this may involve additional expense.

Admission for British applicants will be determined by interview and relevant documentary evidence. Application must be made by 1 February preceding the session for which admission is desired, but interviews will be given in the Christmas vacation for candidates who apply by the middle of November, and during the Lent term for those who apply by the middle of January.

Graduates of overseas universities must apply by 1 February preceding the session for which admission is desired. They should have had practical experience of at least one year's duration, preferably in their own country, in the social welfare field or in other relevant work. They are normally required to take an entrance examination, for which there is a fee of £3, and they may be called for interview; if necessary, arrangements can be made for the examination and the interview to take place overseas. Overseas graduates of a British university are not required to take the entrance examination, but they should have had the year's practical experience. The Diploma course is adapted to meet the needs of students, both from the United Kingdom and from overseas, who intend to work outside the United Kingdom, and separate papers for these students are set in the examination for the Diploma. British graduates who wish to follow this 'overseas option' should have had a year's practical experience in an overseas country.

Application forms may be obtained from the department of Social Science and Administration.

## Regulations

1. There shall be a Diploma in Social Administration which shall be awarded to persons who, having completed the course of study prescribed by these regulations, have satisfied the examiners in the examination for the Diploma and in the field work prescribed by these regulations.

2. No person shall be admitted to the prescribed course of study for the Diploma unless:

- (a) he shall have attained the age of 21 years on or before 1 October of the calendar year in which he is admitted;
  - (b) he holds a University or CNAA degree or other qualification obtained by written examination which is approved for this purpose by the School.
- and (c) the Department may apply to the School for special consideration to be given to a candidate who possesses a qualification obtained by written examination other than those listed in (b) above. Any such candidate will only be registered if the School is satisfied that his general education and professional training are of special relevance to the course.

3. The prescribed course of study shall be of one academic year's duration.

4. A candidate will be required to undertake twelve weeks' full-time field work during vacations as an integral part of the course. Six weeks of this shall normally be undertaken before the beginning of the course of study.

5. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the convener of the department of Social Science and Administration, hereinafter referred to as the convener of the department. The examination shall comprise the following papers:

	<i>Lectures, Classes and Seminars</i>
(i) Social Policy and Administration I	SA.103, SA.105–
(ii) Social Policy and Administration II	106b, SA.111–113c
<i>For candidates taking the United Kingdom option:</i>	
(iii) Psychology, Social Structure and Economics I	Ec.105, Ps.100,
(iv) Psychology, Social Structure and Economics II	SA.109, SA.114–a, SA.116, SA.118(ii), SA.119(i)

*For candidates taking the Overseas option:*

(v) Psychology, Social Structure, and Economics. The paper consists of three sections and each candidate is required to select two of them.

(vi) Social Welfare Services in Developing Countries

Papers (ii) and (iv) shall each be examined by means of an essay of not more than 3,000 words, written in the candidate's own time on a subject selected by the candidate from a list published by the Registrar. The essays shall be submitted to the Registrar by a date to be determined by him. An oral examination shall be held for papers (ii) and (iv) and a candidate may be tested orally on the remaining papers.

6. The examination shall be conducted by such members of the staff of the department of Social Science and Administration as may be designated as internal examiners in each year by the Director, together with one external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

7. 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 reaches the prescribed standard in each of three papers and the examiners do not consider his failure in the fourth to be serious they may, at their discretion, declare him 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.

8. A candidate may offer on not more than two subsequent occasions a paper in which he has 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 those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.

9. A mark of distinction shall be awarded to candidates who show exceptional merit.

10. 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 Academic Secretary for an aegrotat award.

Having considered the work which the candidate has submitted 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, the examiners will determine whether evidence has been shown to their satisfaction that, had he 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.

11. A candidate who completes the course of study for the Diploma, but for reasons which, in the opinion of the convener of the department, are sufficient, fails to present himself for examination, or who presents himself, but fails to satisfy the examiners in the examination and who is not referred in any paper, may be a candidate for the whole examination on two, but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper, Regulation 8 shall apply to him.

12. A candidate who re-enters for the Diploma examination may not re-submit an essay which he has previously submitted for examination.

13. Each candidate for the Diploma shall be required to submit to the convener of the department before the date on which he satisfies the examiners in the examination, or not later than two calendar years (or such further period as the convener of the department may in a particular case permit) after that date, evidence to the satisfaction of the convener of the department of his having completed field work of such nature and such duration as may be prescribed by the convener of the department.

### (3) Diploma in Personnel Management

The School offers a full-time course of study for men and women intending to seek employment as Personnel Officers. It is designed to give students knowledge and understanding of the principles and problems of Personnel Management, both by

theoretical study and by direct experience. For this purpose the School is fortunate in the assistance received from companies and management organizations, which makes it possible for students to obtain varied first-hand experience, including practical training in a personnel department.

Students to whom the Diploma is awarded are granted exemption from Part I and Part II of the examinations of the Institute of Personnel Management providing their initial qualifications comply with the Institute's requirement.

Students who have not taken basic social sciences in their first degree are required to take an examination in each of the following subjects:

Economics  
Psychology  
Sociology  
Statistics

The Diploma subjects are:

Personnel Management  
Training and Development  
Industrial Relations and Law

Students are also required to undertake a project and to produce a report on which they are given an oral examination.

The course begins with an intensive conversion course in August for students who have not received full exemption from the four social science subjects. Students who have full exemption begin with a period of practical work in the middle of September. The course finishes with the Diploma examinations at the end of the following July. Project work is undertaken during the Easter vacation.

A limited number of grants is available from the Social Science Research Council for suitably qualified students.

**Applicants resident in the United Kingdom** should have either a degree or a Higher National Diploma in Business Studies. Applicants without a degree or H.N. Diploma may be considered if they are at least 24 years of age and have had experience of personnel management or related work. They must take an entrance examination, for which there is a fee of £3 and they will *not* be granted exemption from the I.P.M. examinations. All applicants who are exempt from the entrance examination, and those who reach a satisfactory standard in it will be interviewed. Non-graduates should apply by 1 January preceding the session for which admission is required. The entrance examination will be held in March. Applications from graduates will continue to be accepted up to 1 June. However, it should be noted that the number on the course will be limited to approximately 20 and it is in the applicant's own interest to apply early. The bulk of the interviews will take place during the Easter vacation.

**Applicants resident overseas** must have either a degree of a Higher National Diploma in Business Studies and must have had at least two years experience of industrial or related work in their own country. They are normally required to take the entrance examination and only those who reach the approved standard will be given an interview. If necessary, arrangements can be made for the examination and the interview to take place overseas. All candidates must apply by 1 January preceding the session for which admission is desired.

Application forms may be obtained from the Assistant Registrar (Admissions), London School of Economics and Political Science, Houghton Street, London, WC2A 2AE.

### Regulations

1. There shall be a Diploma in Personnel Management which shall be awarded to persons who, having completed the course prescribed by these regulations, have satisfied the examiners in the examination for the Diploma.

2. No person shall be admitted to the prescribed course of study for the Diploma unless:

- (a) he is a graduate of a university
- or (b) he holds a certificate or diploma in Social Science or a Higher National Diploma in Business Studies
- or (c) he has attained the age of 24 years, and, having had considerable industrial or commercial experience, satisfies the examiners in the entrance examination for the course.

3. The prescribed course of study shall be of one calendar year's duration.

4. There shall be an examination for the Diploma, to be held at the end of July each year (on dates to be determined by the School).

The examination shall comprise the following subjects:

- |                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| i Personnel Management           | <i>Lectures, Classes and Seminars</i><br>SA.200-b |
| ii Training and Development      | SA.201-a                                          |
| iii Industrial Relations and Law | Ec.106, Id.104, Id.105, LL.162                    |

Candidates are also required to submit a written report on a project on a subject or subjects approved by the department and will be examined orally on their project work. In the final assessment performance during the course and on the project is taken into account. Candidates are required to attend courses in Methods of Social Research in Industry and the Sociology of Industrial Relations.

5. The examination shall be conducted by members of the staff of the School designated as internal examiners in each year by the Director, together with one or more external examiners. For the oral examination, an external examiner or examiners shall be appointed who, in addition to the appropriate academic qualifications, hold or have held a responsible position in personnel management in industry or commerce. 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 reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

6. At the discretion of the examiners candidates may be referred in not more than one subject of the examination.

7. A candidate may offer on not more than two subsequent occasions a paper in which he has 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 those occasions he is successful in attaining the prescribed standard he shall be treated as having satisfied the examiners in the whole examination.

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. 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 Academic Secretary for an aegrotat award.

Having considered the work which the candidate has submitted 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, the examiners will determine whether evidence has been shown to their

satisfaction that had he 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.

10. A candidate who completes the course of study for the Diploma, but for reasons which, in the opinion of the convener of the department, are sufficient, fails to present himself for examination, or who presents himself, but fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination on two, but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 7 shall apply to him.

#### (4) Diploma in Social Work Studies

The School offers a one-year course in social work leading to a Diploma in Social Work Studies. The main subjects of study are principles and practice of social work, with special attention to casework, but including also the study of group work, community work and residential work; human growth and development, social influences on behaviour, deviations from normal patterns of living created by ill health, disablement, mental disorder, delinquency and deprivation of family life.

Field work teaching under supervision, undertaken in various social work agencies, e.g. local authority social work departments, social work departments of general and psychiatric hospitals, is an essential part of the course and is closely integrated with the theoretical part of the studies. Individual tuition is given in both the theoretical and field work parts of the course.

The course is a generic one and students have a choice of field work placements. On qualifying they become eligible for membership of the appropriate professional associations. In addition to working as practitioners in different fields of social service those qualifying by means of this professional course are in demand for a variety of posts carrying responsibility for teaching, supervision and administration.

Applications will be considered in order of receipt, and in any case not after 31 January in the year in which admission is desired. Candidates are admitted to the course on the recommendation of a selection committee which takes into account personal suitability for the practice of social work as well as qualifications, experience and age (see regulations below). Candidates are expected to have had at least a year's experience in social work before the course commences at the beginning of October. Only in exceptional circumstances will candidates with less experience be admitted to the course. Further particulars may be obtained from the Secretary, Social Work Courses, Department of Social Science and Administration, London School of Economics and Political Science, Houghton Street, London, WC2A 2AE. Letters should be clearly marked 'Diploma in Social Work Studies'.

#### Regulations

1. There shall be a Diploma in Social Work Studies which shall be awarded to persons who, having completed the course of study prescribed by these regulations, have satisfied the examiners in the examination for the Diploma and in the field work as prescribed by these regulations.

2. No person shall be admitted to the prescribed course of study for the Diploma unless:

- either (a) he holds a university degree or diploma or certificate in the social sciences approved for this purpose by the convener of the department of Social

Science and Administration (hereafter referred to as the convener of the department)  
and

- (b) he has experience in social work or work of a similar nature  
or (c) he has attained the age of 25 years and has satisfied the convener of the department that he is adequately qualified:
- (i) by experience in social work or work of a similar nature and
  - (ii) by reason of having followed a systematic course of study in the social sciences.

3. The prescribed course of study shall be of one academic year's duration.

4. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the convener of the department. The examination shall comprise the following papers:

1. Human Growth and Behaviour
2. Social Work and Social Administration
3. Individual and Social Problems.

Paper 2 shall be examined by means of an essay of not more than 3,000 words written in the candidate's own time, on a subject selected by the candidate from a list published by the Registrar. The essay shall be submitted to the Registrar by a date to be determined by him. An oral examination shall be held for paper 2 and a candidate may be tested orally on papers 1 and 3.

5. In order to qualify for the award of the Diploma each candidate shall be required to complete field work of such nature, duration and standard as may be prescribed by the convener of the department. Each candidate will be required to satisfy the Convener of the department of his field work ability by the end of the first period of field work before being permitted to proceed with the remainder of the course, including field work. Where a candidate does not so satisfy the Convener of the department his registration for the course may be terminated by the School under Regulation 5 of the Regulations for Students.

6. 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 external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

7. 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 reaches the prescribed standard in two of the three papers and the examiners do not consider his failure in the other to be serious they may, at their discretion, declare him to be referred in that paper.

An examination for candidates so referred may be held either in the following December or at any subsequent Diploma examination.

8. A candidate may offer on not more than two subsequent occasions a paper in which he has 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 those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.

9. A mark of distinction shall be awarded to candidates who show exceptional merit.

10. 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 Academic Secretary for an aegrotat award.

Having considered the work which the candidate has submitted 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, the examiners will determine whether evidence has been shown to their satisfaction that, had he 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.

11. A candidate whose field work has reached the required standard and who completes the course of study for the Diploma, but for reasons which, in the opinion of the convener of the department, are sufficient, fails to present himself for examination, or who presents himself, but fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination on two, but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 8 shall apply to him.

12. A candidate who re-enters for the Diploma examination may not re-submit an essay which he has previously submitted for examination.

#### (5) **Diploma in Statistics**

The School offers a full-time course for graduate students leading to a Diploma in Statistics. The course is intended for graduates with first degrees specialising in subjects other than statistics, but including some study of statistics. The mathematics background required is approximately that of an Advanced level pass in the General Certificate of Education examination. The Diploma will furnish a basis for further graduate work in statistics as well as provide a qualification for those who wish to embark on a career as a statistician.

Members of the staff of the Statistics department will advise prospective applicants on the relative suitability of the Diploma course and the M.Sc. Statistics course for particular individuals. Generally speaking, the M.Sc. can be obtained in one year only by students who have done a substantial amount of statistics during their first degree courses. In suitable cases it will, however, be possible for a student to obtain the M.Sc. by means of a further year's study after passing the Diploma examination at a sufficiently high level.

Applications for admission to the course should be made on the prescribed form by 1 February to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London, WC2A 2AE.

The department reserves the right to cancel lecture courses for any option for which there are fewer than four candidates. In such cases candidates will be prepared for the examination by tutorials and directed reading.

#### **Regulations**

1. There shall be a Diploma in Statistics which shall be awarded to persons who, having completed the course of study prescribed by these regulations, have satisfied the examiners in the examination for the Diploma.

2. No person shall be admitted to the prescribed course of study for the Diploma unless he holds a university degree or other qualification approved for this purpose by the convener of the department of Statistics.

3. The prescribed course of study shall be of one academic year's duration.

4. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the convener of the department of Statistics. (Note Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the Office duly completed by 1 February.)

The examination shall comprise four papers selected with the approval of the candidate's supervisor from the following list:

	<i>Reference Nos. of Courses</i>
1. Statistical Theory	MS.269-a
2. Statistical Methods and Inference	MS.207-a, MS.210, MS.269-a
3. <i>Either</i> (i) Elementary Mathematical Methods or (ii) Mathematical Methods	MS.102-a MS.113-a
4. Social Statistics and Survey Methodology	MS.210-211, MS.215-216(i)a, MS.265
5. Statistical Demography	Dm.100-101, Dm.105-106
6. Operational Research Methods	MS.314-315a
7. <i>Either</i> (i) Econometric Theory or (ii) Econometric Methods	MS.214-a Ec.114-a
8. One of the following: (i) Elements of Computer Science (ii) Numerical Methods (iii) Any other paper approved by the candidate's teachers.	MS.303, MS.311 MS.312-a —

A candidate may not offer a paper in which he has been examined at first degree level or its equivalent.

A candidate will normally be expected to include papers 1 and 3 in his selection, and if he wishes subsequently to be considered for the M.Sc. in Statistics at the School, he will normally include paper 2 also. These restrictions may be waived where the candidate can satisfy his supervisor that he has already reached the required standard in a particular paper or papers.

5. In order to qualify for the award of the Diploma each candidate shall be required to attend a course on computer programming.

6. 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 external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

7. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them.

8. The examiners may test any candidate by means of oral questions.

9. A mark of distinction shall be awarded to candidates who show exceptional merit.

10. A candidate who fails to reach the required standard in the examination may in approved cases, be allowed to re-enter for the examination on one further occasion.

#### (6) Diploma in Systems Analysis and Design

The School offers a full-time course leading to the School Diploma in Systems Analysis and Design. The course is intended for graduates or for people with

equivalent professional qualifications who are able to satisfy the Graduate School Committee that they are adequately qualified through their previous experience to be admitted to the Diploma.

The course was established in consultation with the Civil Service College who are seconding members of the College to attend it. Applications for admission should be made on the prescribed form by 1 February to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London, WC2A 2AE.

#### Regulations

1. There shall be a Diploma in Systems Analysis and Design which shall be awarded to persons who, having completed the course of study prescribed by these regulations, have satisfied the examiners in the examination for the Diploma.

2. No person shall be admitted to the prescribed course of study for the Diploma unless he holds a university degree or an equivalent professional qualification, or has satisfied the Graduate School Committee that he is adequately qualified through his previous experience.

3. The prescribed course of study shall be of one calendar year.

4. The examination shall consist of four papers, as set out below, to be sat in June and the satisfactory completion of a project of not more than 10,000 words to be submitted in the following September. A candidate's choice of options and project shall be made subject to the advice and approval of his supervisor.

	<i>Reference Nos. of Courses</i>
i. Computers in Information Processing Systems	MS.367-368
ii. <i>Either</i> (a) Elements of Management Mathematics or (b) Operational Research I	MS.205-a, MS.313-a MS.350-351a, MS.353-a, MS.358-359
iii. Organisational Theory and Practice	Id.104, Id.104c, Id.107-a
iv. Information Systems Analysis and Design	MS.309, MS.309b, MS.310(i), MS.310(iii), MS.311, MS.361-362, MS.367

5. 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 external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

6. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by the Examiners Board.

7. The examiners may test any candidate by means of oral questions.

8. A mark of distinction may be awarded to candidates who show exceptional merit.

9. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter for the examination on one further occasion.

Note Candidates should collect their entry forms for the examination from the Graduate School Office early in January and return them to the Office duly completed by 1 February.

## The Graduate School and Regulations for Higher 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 1976-77, 1,530 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, 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.

As regards advanced training, the School provides lectures, classes, seminars and individual supervision for students who wish to take a Master's degree by examination. 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. Reference to the details of lecture courses, classes and seminars in Part III of this Calendar will show the individual courses involved, which are now provided in the different subjects on a very extensive scale.

As regards 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 and the Public Record Office 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 undertake research 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 obtainable by post on request. A copy may be obtained from the Graduate School Office by students applying personally for postgraduate registration. It contains a fuller description of graduate facilities, procedure on registration, the main regulations for internal higher degrees of the University of London open to students at the School and notes on library and social facilities.

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, completed and fully documented, by 1 February. As preliminary correspondence is usually necessary, applicants are advised to make first enquiries well in advance.

**Note** 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.

For all further particulars on facilities and procedure, students are referred to the handbook *The Graduate School*.

## Higher Degrees

Candidates for internal higher degrees of the University of London must first be accepted by one of the colleges of the University. The fact that a student has satisfied the general requirements of the University of London does not mean that he will obtain a place at the School. Since its accommodation is limited the School can accept only a small proportion of those who apply. The School may specify conditions over and above the requirements of the University regulations with which a student must comply before admission. Candidates may also be asked to take a qualifying examination either before a decision is made on their application, or after the first year of registration at the School. A copy of the full University regulations of the relevant degree is available for inspection in the Graduate School Office. The School is able to distribute copies only to students registered for research degrees. There is given below only a selection of the regulations for those higher degrees for which candidates are most commonly registered at the School, together with a note on certain others.

### Regulations for Higher Degrees of the University of London

Candidates are directly responsible for knowing and observing University regulations, but deal with the University through the Graduate School Office. Only the final submission of theses and detailed arrangements for all examinations are conducted directly between the candidate and the University. Instructions on these points are given at the appropriate times.

### Degrees Available and Other Forms of Registration at the School

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

### Degrees

The degrees 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.)

The Ph.D. may be awarded in the Faculties of Arts, Economics, Laws and Science.

The M.Phil. may be awarded in the Faculties of Arts, Economics, Laws and Science.

The M.Sc. may be awarded in the Faculties of Economics and Science.

The branches in which the School registers candidates for the M.A. are International History and Area Studies.

A candidate who has been accepted by the School for one of the above degrees must register for the degree with the University as soon as he starts his course at the School.

### Diplomas

Candidates are also accepted in the Graduate School for the University Diploma in Social Anthropology, the School Diploma in Statistics and for the School Diploma in Systems Analysis and Design.

Candidates accepted for the Diploma in Social Administration are *not* registered in the Graduate School; enquiries about this diploma should be addressed to the Department of Social Science and Administration.

### Research Fee registration

As indicated earlier the School accepts for registration students wishing to visit the School for short periods to undertake some special research. Such students carry

out their research under the guidance of a supervisor and may attend relevant lectures and seminars recommended by their supervisor. Admission will be contingent 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 be contingent 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 or the External 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. It is most unusual for candidates for external higher degrees to be registered at the School, but the Graduate School Committee may in special cases consider such applications. Candidates so accepted must conform to the appropriate School regulations and, while registered, pay the same tuition fees as candidates registered for internal degrees. The M.Sc. degree by course work may not be taken externally.

### Qualifications for Admission to the Graduate School

Candidates possessing one of the following qualifications are eligible to apply for admission to the Masters degree, the M.Phil. or the Ph.D.

1. (a) A degree of this or another university;
  - (b) A qualification of an approved standard after a course of study extending over not less than three years in a university (or educational institution of university rank) overseas;
  - (c) An Internal Student who has passed all the examinations for a Bachelor's degree of the University and is required to pursue a further approved course of study before being admitted to the degree. (*See* para. 3.11 on page 1253 in University regulations.) (c) does not apply to candidates applying to register for the M.Phil. and Ph.D. under the scheme for registration at public research institutions and industrial research laboratories;
  - (d) In the Faculties of Theology, Arts, Laws, Music, Science, Engineering, Economics and Education, a degree of the Council for National Academic Awards;
  - (e) In the Faculty of Medicine, a degree in Pharmacy of the Council for National Academic Awards;
  - (f) Any other qualification obtained by written examination which is approved by the University for registration for the degree in question.
2. A School may apply to the University for special consideration to be given to a candidate who possesses a qualification obtained by written examination other than those listed in 1 above. Any such candidate will only be registered as an Internal Student if the University is satisfied that his general education, scholarship and training are suitable for the course of study for the proposed degree, and that his breadth of general education is comparable to candidates under paragraph 1.

### Regulations Common to the Ph.D. and Master's Degrees

1. Recommendations for registration must be submitted by the School to the University not later than three months after the date on which the course is begun. Retrospective registration will be allowed in some circumstances and where a student has already been registered in the Graduate School. No retrospective registration towards another degree is allowed for any period spent on the M.Sc.
2. A candidate who has been accepted by the School must be registered with the University as soon as he starts his course at the School. Candidates should complete a registration form and return it to the Graduate School office. Their registration cannot be recommended to The University until *official* evidence of their qualifications has been received by the Graduate School office. Candidates for the one-year M.Sc. must be registered within two months of taking up their course. There is no provision for retrospective registration for the M.Sc.
3. If a student does not begin his course of study within one calendar year from the date of the approval of his registration the approval of his registration will lapse and he must apply again for registration if he still desires to proceed to a higher degree.
4. A qualifying or preliminary examination may be imposed after registration, as a condition of being allowed to enter for the degree examination. A student upon whom such a condition has been imposed will normally be required to sit the qualifying examination at least one year before he enters for his degree examination or submits his thesis. If he fails to pass this qualifying examination he will not be permitted to re-enter for it without the permission of the School and the University.  
If an official qualifying examination is imposed, consisting of a paper or papers from an existing University examination, and administered by the University, the fee payable by the candidate is prescribed by the University: £14 for a single paper, £42 for more than one paper. In this case, the candidate is required to submit an entry form to the University by the date prescribed in the regulations for the relevant examination.
5. It is essential that the student, whilst pursuing his course of study as an internal student, should be prepared to attend personally for study in a college, school or institution of the University during the ordinary terms at such time or times as his supervising teacher may require. All graduate students are therefore required to be resident within normal daily travelling distance of central London during term time.
6. A research student engaged in teaching work in a School of the University or elsewhere may be accepted as a full-time student, provided that the total demand made on his time, including any preparation which may be required, does not exceed six hours a week.
7. Part-time students must discuss with their supervisors at the beginning of the course how often they are required to attend. There are, however, very few lectures given in the evening.
8. Except with the special permission of the Academic Council an internal student will not be permitted to register concurrently for more than one degree, diploma or certificate, nor 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 of any other university for the equivalent qualification, 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 unless he has pursued at the two universities separate prescribed courses leading to the examination concerned.



No student who is registered as an external student may be registered concurrently as an internal student.

## The Master's Degrees - M.Sc., LL.M., M.A.

### General regulations and qualifications for admission

The 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.

A candidate who has not obtained at least Second Class Honours at a first degree of London University, or an approved equivalent in another university, will not normally be admitted to the Graduate School.

### 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 a candidate whose initial qualification in the field of study he wishes to pursue is held by the School to be insufficient may be required to extend his course over *two* years and to pass a qualifying examination not less than one year before entering for the degree examination. If he fails to pass this qualifying examination he will not be allowed to re-enter for it without the permission of the School and the University. 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 candidate who has been admitted to the School as a part-time student will be required to extend his course over *two* academic or *two* calendar years or longer if necessary.

A student registered for a taught Master's degree may, with the permission and recommendation of his supervisor, apply to proceed to a research degree instead. On registering for the research degree his Master's degree registration will lapse. No period of time spent on the Master's degree can count towards the prescribed period of registration for the research degree.

No grades or classes are awarded in the Master's degree, but a candidate who shows exceptional merit at the examination may be awarded a mark of distinction.

A candidate who fails in his examination will not normally be re-admitted to the School, but under University regulations he may re-enter for the examination once (or, in some cases, twice) more without being registered at the School.

Details of subjects of study available, length of course for each subject, choice of papers for examination and method of examination in the various Master's degrees available at the School will be found on the following pages.

## M.Sc. in the Faculty of Economics

The M.Sc. is awarded to candidates successfully completing examinations based on courses which fall within any of the following Branches:

Accounting & Finance	Econometrics &	International History
Analysis, Design &	Mathematical Economics	International Relations
Management of In-	Economic History	Logic & Scientific Method
formation Systems	European Studies	Operational Research
Business Studies <sup>1</sup>	Geography	Planning Studies
Demography	Industrial Relations	Politics
Economics	& Personnel Management	

<sup>1</sup>The School does not register students for this branch of the M.Sc.

Social Administration &	Social Psychology	Sociology with special
Social Work Studies	Sociology	reference to the
Social Anthropology <sup>1</sup>	Sociology & Statistics	Sociology of Medicine <sup>1</sup>
Social Planning in	Sociology with special	Statistics
Developing Countries	reference to Education <sup>1</sup>	

The examination will consist of four written papers (one of which may in some branches be an essay paper written at the time of the examination) or of three papers, together with an essay or report on an approved topic written during the course of study, and where appropriate a record of practical work done during the course; at the discretion of the examiners an oral examination may be imposed.

In the following branches, the courses will extend over not less than one academic year and the examination will take place each year in the third week of June:

Accounting and Finance, Economics, Econometrics and Mathematical Economics, European Studies, Industrial Relations and Personnel Management, International History, International Relations, Logic and Scientific Method, Operational Research, Politics (Branches 5-8), Regional and Urban Planning Studies, Social Administration and Social Work Studies, Social Planning in Developing Countries, Social Psychology, Sociology, Sociology and Statistics, Statistics.

In the following branches, the course will extend over not less than one calendar year and the examination will take place each year in the first week of September, except that a candidate offering for one of these Branches a paper which is offered in June in the Master's examination in another Branch will sit that paper in June, and the remainder of his papers in September:

Demography, Economic History, Geography, Politics (Branches 1-4)

## Subjects of Study

The following subjects may be offered; they are arranged under branches of study. Where special approval for a subject is required, it must be sought at the beginning of the course of study.

In some branches, as indicated on the following pages, candidates may, with the consent of the teachers in the relevant branches, substitute for one (or two in exceptional cases) of the papers prescribed, one (or two) papers concerned with their chosen field from another branch. In this case, all papers must still be taken at one and the same time, i.e. at the time of the examination of the branch for which the candidate is actually registered, except that candidates for branches of the M.Sc. which are examined in September will be required to sit those papers which are common to branches of the M.Sc. examined in June together with the June candidates. **Note.** In cases where a department gives permission for a candidate to take a paper from another branch, the Graduate School should be informed *at the beginning of the course.*

### I. Accounting and Finance

The course occupies one or two academic years, depending upon the candidate's qualifications on admission.

The examination will consist of four papers, or three papers and a report, as indicated below. The selection must be approved by the candidate's School. Papers 1 and 2 must be taken by all candidates.

	<i>Lectures, Classes and Seminars</i>
1. Advanced Accounting and Finance I	—
2. Advanced Accounting and Finance II	—
3. Advanced Accounting and Finance III	—
4. Advanced Accounting and Finance IV	—
5. Economics of Industry	Ec.184, Ec.186-187
6. Public Finance	Ec.182-185, LL.224

<sup>1</sup>The School does not register students for this branch of the M.Sc.

7. *Either* (a) Management Mathematics  
or (b) Operational Research I  
or (c) Advanced Mathematical Programming
8. *Either* (a) Computing and Data Processing  
or (b) Advanced Systems Analysis
9. Industrial Organisation

*Lectures, Classes and Seminars*  
MS.205-a, MS.313-a  
MS.350-351a, MS.353-a, MS.358-359  
MS.353-355  
MS.302-303, MS.306-b, MS.309, MS.309b, MS.311  
MS.309, MS.309b, MS.310(i), MS.310(iii), MS.311, MS.361-362  
Id.107-a

A candidate may, with the approval of his School, substitute a report of not more than 10,000 words for one of the papers other than 1 and 2.

In exceptional cases, a candidate may, with the approval of his School, substitute a paper from another Branch of the M.Sc. in Economics for one of the above papers 3 to 9.

N.B. In session 1977-78, no teaching will be offered for paper 4.

### II. Analysis, Design and Management of Information Systems

The examination will consist of three papers to be taken in June and a report of not more than 10,000 words on a selected project to be submitted in the following September.

A candidate's choice of options and project will be made subject to the advice and approval of his supervisors.

Candidates whose qualifications on admission are insufficient will be required to spend not less than two years on the course and to pass a qualifying examination at the end of the first session.

The three papers of the examination are as follows:

Advanced Systems Analysis	<i>Lectures, Classes and Seminars</i> MS.309, MS.309b, MS.310(i), MS.310(iii), MS.311, MS.361-362 MS.367-368
Computers in Information Processing Systems	
<i>One of the following options:</i>	
(a) Econometric Theory I	Ec.240-241
(b) Economics of Industry	Ec.184, Ec.186-187
(c) Mathematical Methods in Planning	Gy.453-454, MS.365, MS.369
(d) Industrial Relations and Personnel Management for Non-Specialists	Id.104, Id.104c
(e) Industrial Psychology	Id.113-a
(f) Industrial Sociology	Id.106-107a
(g) Accounting for Non-Specialists	Ac.100-101a, MS.217
(h) Management Mathematics	MS.205-a, MS.313-a
(i) Manpower Planning	Id.110-111
(j) Statistical Theory	MS.269-a
(k) Operational Research I	MS.358-359

### III. Business Studies

This branch of the M.Sc. is not offered at the School.

### IV. Demography

The examination will consist of three papers and a record of practical work done during the course:

1. Demography I	} <i>Lectures, Classes and Seminars</i> Dm.104, Dm.110-117
2. Demography II	
3. <i>One of the following:</i>	
(i) Methods of Sociological Study	So.160, MS.268-a
(ii) Sociology of Development	So.112, So.163
(iii) Social Structure of Industrial Societies	So.162
(iv) The Economics of Less Developed Countries and of their Development	Ec.130, Ec.188-190
(v) Economic Growth Historically Considered	—
(vi) Problems of Public Health and Socio-medical Research	Dm.118

- (vii) Statistical Theory  
(viii) Any other subject approved by the candidate's teachers

*Lectures, Classes and Seminars*  
MS.269-a

N.B. The examinations for optional papers (i), (ii), (iii), (iv) and (vii) will take place in June, not September.

### V. Economics

The examination will consist of four papers as follows:

1. Economic Theory I	<i>Lectures, Classes and Seminars</i> Ec.112(iii), Ec.154-155a, Ec.158
2. Economic Theory II	Ec.154-157
3. Methods of Economic Investigation	Ec.154-155a, Ec.160-a
4. <i>One of the following (one paper):</i>	
(i) Advanced Economic Theory I: Theory of Economic Growth	Ec.161-a, Ec.163
(ii) Advanced Economic Theory II: Linear Economic Models	Ec.162-163
(iii) Advanced Economic Theory III: Theory of Investment Planning	Ec.164-a, Ec.166, Ec.284(i)
(iv) History of Economic Thought	Ec.111, Ec.168
(v) International Economics	Ec.169-172
(vi) Theory of Optimal Decisions	—
(vii) Labour Economics	Ec.174-a, Ec.281, Id.112
(viii) Monetary Economics	Ec.175-177
(ix) Economics of Public Enterprise	—
(x) Economics of Transport	Ec.134, Ec.178-181, Ec.291, MS.369
(xi) Public Finance	Ec.182-185, LL.224
(xii) Economics of Industry	Ec.184, Ec.186-187
(xiii) The Economics of Less Developed Countries and of their Development	Ec.130, Ec.188-190
(xiv) Agricultural Economics	—
(xv) Soviet Economic Structure	Ec.191-192, Ec.194-195
(xvi) Theory and Implementation of Detailed Planning	Ec.191-195
(xvii) Economics of Education and Human Capital	Ec.174(iii)-a, Ec.196, Ec.281
(xviii) Urban Economics	—
(xix) Marx, Walras and Keynes in the Light of Contemporary Economic Analysis	Ec.200-a
(xx) Environmental Economics	—
(xxi) Any other field of Economics approved by the candidate's teachers	—

In session 1977-78 no teaching will be offered for papers 4(vi), 4(ix), 4(xiv), 4(xviii) and 4(xx).

It is anticipated that in session 1978-79 no teaching will be offered for papers 4(ix) and 4(xiv).

In exceptional circumstances (for example, where the M.Sc. Committee is satisfied that a candidate has already attained the appropriate standard in one of the compulsory papers) a candidate may, subject to the approval of his teachers, substitute for one of the papers under 1, 2 or 3 a second paper in the subject selected under 4 or a paper in a second subject under 4.

### VI. Econometrics and Mathematical Economics

The examination will consist of four papers as follows:

1. <i>Either</i> (i) Quantitative Economics I (one paper) or (ii) Quantitative Economics II (one paper)	<i>Lectures, Classes and Seminars</i> Ec.233-234, Ec.236 Ec.233, Ec.235-236
------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------

2. Three of the following:

- |                                                                                     |                                |
|-------------------------------------------------------------------------------------|--------------------------------|
| (i) Quantitative Economics I (not if taken under 1 (i))                             | Ec.233-234, Ec.236             |
| (ii) Quantitative Economics II (not if taken under 1 (ii))                          | Ec.233, Ec.235-236             |
| (iii) Econometric Theory I                                                          | Ec.240-242, MS.257             |
| (iv) Econometric Theory II (available only to candidates taking 2 (iii))            | Ec.240-242, MS.258             |
| (v) Advanced Mathematical Economics I                                               | Ec.237, Ec.239, MS.107, MS.109 |
| (vi) Advanced Mathematical Economics II (available only to candidates taking 2 (v)) | Ec.238-239, MS.107             |
| (vii) Advanced Mathematical Programming                                             | MS.353-355                     |
| (viii) Any other subject approved by the candidate's teachers                       | —                              |

Subject to the approval of the School, a candidate may substitute an essay or report for one of the papers under 2.

### VII. Economic History

The examination will consist of three papers and a report written during the course of study. The candidate's choice of papers and report title will require the approval of his or her supervisor.

#### Lectures, Classes and Seminars

- |                                                                                                                                |                    |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 1. The sources and historiography of Economic History in one of the following periods:                                         |                    |
| (i) England 1350-1500                                                                                                          | EH.132             |
| (ii) England in the 17th century                                                                                               | EH.102, EH.133     |
| (iii) Britain 1783-1850                                                                                                        | EH.102-104, EH.134 |
| (iv) Britain 1900-1950                                                                                                         | EH.103, EH.134     |
| (v) U.S.A. 1890-1929                                                                                                           | EH.106, EH.136     |
| 2. Either a second paper under 1 or a paper on a specified period in the Economic History of Great Britain or the U.S.A.       |                    |
| 3. A report of about 10,000 words on an approved topic relating to the period chosen for paper 1                               |                    |
| 4. One of the following:                                                                                                       |                    |
| (i) Economic Growth Historically Considered                                                                                    | —                  |
| (ii) One of                                                                                                                    |                    |
| (a) Evolution of Early Technology to c. 1650                                                                                   | —                  |
| (b) The Emergence of Modern Technology c. 1650-1850                                                                            | —                  |
| (c) Technology in the Modern Era                                                                                               | —                  |
| (iii) The Economic Geography of the U.S.A.                                                                                     | Gy.412             |
| (iv) The History of Economic Thought                                                                                           | Ec.111, Ec.168     |
| (v) The Regulation of the Economy by Government in the U.S.A.                                                                  | Gv.224             |
| (vi) Elements of Statistical Methods                                                                                           | MS.201-202a        |
| (vii) British Labour History                                                                                                   | EH.130             |
| (viii) The Population of the United States of America from Colonial Times to the Present                                       | EH.140             |
| (ix) Aspects of Latin American Economic History since Independence (a reading knowledge of Spanish or Portuguese is desirable) | EH.142             |
| (x) The History of Transport from the Turnpike to the Motorway                                                                 | EH.131             |

N.B. The examinations for optional papers (ii), (iv), (v), (viii) and (ix) will take place in June, not September.

In session 1977-78 no teaching will be offered for papers 4(i) and 4(vii).

### VII'. European Studies

The examination will consist of three papers of which at least two must be chosen from Group I, and an essay not exceeding 10,000 words on an approved topic falling within the field of one of the candidate's chosen papers.

- |                                                                |                                        |
|----------------------------------------------------------------|----------------------------------------|
| I                                                              | Lectures, Classes and Seminars         |
| 1. European History since 1945                                 | Hy.117-118, Hy.179                     |
| 2. The Politics of Western European Institutions               | IR.114, IR.116, IR.161-162             |
| 3. The Law of Western European Institutions                    | LL.213                                 |
| II                                                             |                                        |
| 4. The Politics and Government of an Approved European Country | Gv.164, Gv.168, Gv.200, Gv.218, Gv.227 |
| 5. The Political Geography of Western Europe                   | Gy.311                                 |
| 6. The International Politics of Western Europe                | IR.155, IR.162                         |
| 7. The Economics of European Integration                       | Ec.204-205                             |
| 8. The Law of European Economic and Monetary Transactions      | LL.215, LL.215b                        |

The examination will be held in June each year. The essay must be submitted by 15 September.

### IX. Geography

The examination will consist of three papers to be taken in June and a report to be submitted in the following September:

- |                                                                                                                                       |                                 |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 1. Geographical Concepts and Methods                                                                                                  | Lectures, Classes, and Seminars |
| 2. Research Techniques and Design                                                                                                     | Gy.400-401, Gy.403              |
| 3. One of the following:                                                                                                              | Gy.402-403                      |
| (i) Social Change and Urban Growth                                                                                                    | Gy.404                          |
| (ii) Regional Policy and Planning                                                                                                     | Gy.405, Gy.453                  |
| (iii) Natural Resources Management                                                                                                    | Gy.406                          |
| (iv) Spatial Aspects of Change in Economic Activity                                                                                   | Gy.407                          |
| (v) Geography of Transport Planning                                                                                                   | Gy.408                          |
| (vi) Any other subject of comparable range in the field of Geography or one related thereto, approved by the candidate's supervisors. | —                               |
| 4. A report of not more than 10,000 words on an approved topic.                                                                       |                                 |

Candidates will also be required to show satisfactory evidence of acquaintance with field and other practical research techniques.

### X. Industrial Relations and Personnel Management

The examination will consist of three papers to be taken in June and a report of not more than 10,000 words on an approved project to be submitted in the following September.

All candidates must choose either or both paper 1 and 2 and accordingly one or two other options subject to the approval of the School.

- |                                                         |                                                    |
|---------------------------------------------------------|----------------------------------------------------|
|                                                         | Lectures, Classes and Seminars                     |
| 1. Industrial Relations and Personnel Management        | Id.102                                             |
| 2. Industrial Relations: Theory and Comparative Systems | Id.100-101a                                        |
| 3. Industrial Organisation                              | Id.106, Id.108-a, Id.113                           |
| 4. Industrial Psychology                                | Id.113-a                                           |
| 5. Industrial Sociology                                 | Id.106-a                                           |
| 6. Labour Law                                           | Id.105, Id.114                                     |
| 7. Labour Economics                                     | Ec.174-a, Id.112                                   |
| 8. Labour History                                       | EH.104, EH.130                                     |
| 9. Manpower Planning                                    | Id.110-111                                         |
| 10. Accounting for Non-Specialists                      | Ac.100-101a, MS.217                                |
| 11. Economics of Industry                               | Ec.186-187                                         |
| 12. Systems Analysis                                    | MS.302-a, MS.306, MS.306b, MS.307, MS.309, MS.309b |

Essays written during the term will also be assessed and will form an integral part of the examination.

## XI. International History

The examination will consist of three papers, taken in June, and an essay to be submitted in September. A knowledge of at least one European language in addition to English is essential.

1. One of the following general periods, including a knowledge of its sources and historiography:

- (i) 1688-1740
- (ii) 1740-1789
- (iii) 1789-1815
- (iv) 1815-1870
- (v) 1870-1914
- (vi) 1914-1946

2. Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period under paper 1:

- (i) 1500-1815
- (ii) 1815-1919
- (iii) 1919-1946

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. This paper will be selected from those available to candidates for the M.A. in International History and approved by the candidate's teachers.

4. An essay not exceeding 10,000 words on a topic within the field of the above three papers.

A candidate who is successful in this branch may not enter for the M.A. in International History. A candidate who is successful in the M.A. in International History may not enter for this branch.

Courses by special arrangement.

## XII. International Relations

The examination will consist of three papers and an essay of not more than 10,000 words on an approved topic. The essay must be submitted by 15 September.

The three papers are as follows:

1. International Politics

*Lectures, Classes and Seminars*  
IR.102, IR.108, IR.119, IR.122,  
IR.152

2. Two of the following, to be chosen with the approval of the supervisor:

- (i) Foreign Policy Analysis IR.103-105, IR.107-108, IR.153
- (ii) International Institutions IR.112-115, IR.160, IR.166

(iii) European Institutions IR.114, IR.116-117, IR.161-162,  
LL.213

(iv) International Theory IR.118, IR.121, IR.163

(v) The Politics of International Economic Relations IR.123, IR.167

(vi) The Politics of International Law IR.130, IR.170

(vii) Strategic Studies IR.120, IR.125, IR.127-129,  
IR.171-172

(viii) International Politics: The Western Powers IR.103, IR.155, IR.162

(ix) International Politics: The Communist Powers IR.103, IR.106-107, IR.156

(x) International Politics: Asia and the Pacific IR.103, IR.107-109, IR.157

## *Lectures, Classes and Seminars*

(xi) International Politics: Africa and the Middle East

Gv.163, IR.103, IR.108, IR.110-111, IR.158-159

(xii) International Business in the International System

IR.123-124, IR.168

(xiii) Imperialism

IR.122, IR.165

(xiv) Concepts and Methods in International Relations

IR.119, IR.164

(xv) Any other subject of comparable range in the field of International Relations or one related thereto approved by the candidate's teachers.

## XIII. Logic and Scientific Method

The examination will consist of four papers, or three papers and an essay of not more than 10,000 words on an approved topic (to be submitted by 1 June).

The candidate's choice of papers will require the approval of his supervisor.

Papers 1 and 2 must be taken by all candidates.

1. *Either* (i) Elements of Mathematical Logic

*Lectures, Classes and Seminars*

Ph.107-109, Ph.126

*or* (ii) Mathematical Logic

Ph.109

2. Advanced Scientific Method

Ph.100-103, Ph.105, Ph.108, Ph.121

3. History of Epistemology

Ph.104-105, Ph.121

4. Philosophy of Mathematics

Ph.110

5. Selected Topics in the History of Science and Mathematics

MS.108, Ph.106, Ph.110, Ph.122

6. Methodology of the Social Sciences

Ph.103, Ph.123

7. Advanced Mathematical Logic

MS.110-111

## XIV. Operational Research

The examination will consist of four papers (or three papers and a report on an approved project) and a record of practical work done during the course. The choice of special subjects must be approved by the candidate's teachers.

*Lectures, Classes and Seminars*

1. Operational Research I

MS.350-351a, MS.353-a, MS.358-359

2. Operational Research II

Ac.104-a, MS.356-357, MS.363-364, Ps.158, SA.210

3. Two (or one if a report on an approved project is submitted) of the following options:

(i) Advanced Mathematical Programming MS.353-355

(ii) Advanced Operational Research Techniques MS.251-a, MS.354-355

(iii) Statistical Theory MS.269-a

(iv) Probability, Stochastic Processes and Distribution Theory

MS.250-252

(v) Advanced Systems Analysis

MS.309, MS.309b, MS.310(i), MS.310(iii), MS.311, MS.361

(vi) Transport Studies

Ec.134, Ec.291, MS.369, MS.371

(vii) Mathematical Methods in Urban Planning

Gy.453-454, MS.365, MS.369-370

(viii) Social Planning

Gv.155, SA.152

(ix) Education and Manpower Planning

Ec.196, MS.260-a, MS.265-a

(x) Games, Decisions and Gambling

MS.106-a

(xi) Any other subject approved by the candidate's teachers.

A knowledge of mathematics and statistics to the level of the papers in Elementary Mathematical Methods and Elementary Statistical Theory of the Part I examination of the B.Sc.(Econ) will be assumed. A student who applies without previous study of one or more of these subjects may be required to pass a qualifying examination before admission.

## XV. Planning Studies

### Regional and Urban Planning Studies

The examination will consist of three papers and a report.

#### *Lectures, Classes and Seminars*

1. The Economics of Regional and Urban Planning Ec.101, Ec.133, Ec.260-261, Gy.450, Gy.452
2. Administration in Regional and Urban Planning Gy.450, Gy.452, Gv.153, Gv.208-209, Gv.211-212, SA.125
3. Geographical Aspects of Regional and Urban Planning Gy.312, Gy.450-453
4. A report of not more than 10,000 words

The report must be submitted in September.

Candidates must also satisfy the examiners that they have a sufficient level of attainment in statistics.

## XVI. Politics

Candidates will be required to choose *one* of the following branches:

#### *Lectures, Classes and Seminars*

1. History of Political Thought Gv.103, Gv.121-123
2. The Politics and Government of the United Kingdom Gv.158, Gv.200
3. Political Sociology Gv.205-207, So.114-115
4. The Politics and Government of Russia Gv.166-167, Gv.220-221
5. Comparative Government Gv.163-164, Gv.166, Gv.168, Gv.203-204, Gv.218, Gv.220-221, Gv.223, Gv.227, IR.110, IR.158, LL.220
6. Theory and Practice of Public Administration Gv.153, Gv.155-156, Gv.159-160, Gv.208-210, Gv.213-217, Gv.223
7. The Politics and Government of Western Europe Ec.204-205, Gv.164, Gv.168, Gv.200, Gv.218, Gv.226-229, Hy.117-118, Hy.179, IR.114, IR.116, IR.155, IR.161, LL.213
8. Politics and Government in Africa Gv.163, Gv.223, IR.110, IR.158

Branch 1 will be examined by four written papers taken in September. Branches 2 and 4 will be examined in September by four written papers or three papers and an essay written during the course. Branch 3 will be examined in September by three written papers and an essay written during the course. Branches 6, 7 and 8 will be examined by three written papers in June and an essay written during the course and submitted in September.

A candidate may, subject to the approval of his teachers, substitute for one of the papers for the branch of Politics he is offering, a paper from one of the other branches of Politics listed above. A candidate offering branch 1, 2, 3 or 4 may only substitute a paper from another branch the written papers for which are examined in September. A candidate offering branch 5, 6, 7 or 8 may only substitute a paper from another branch the written papers for which are examined in June. A candidate offering branch 3, 5, 6, 7 or 8 may not substitute a written paper for the essay which he is required to write during his course of study.

## XVII. Social Administration and Social Work Studies

The examination will consist of three papers and a report written during the course of study.

Candidates will be required to choose *one* of the following options. (Only candidates who have had field work experience in a Social Work agency and who satisfy the selection committee as to their personal suitability for social work will be considered for option B.)

#### *Lectures, Classes and Seminars*

### Either A (Social Policy and Planning)

1. Students must select *one* or *both* of the following:

- (i) Social Planning Gv.155, SA.152-a
- (ii) Social Policy and Administration SA.150-151

2. Students must select at least *one* of the following:

- (i) Planning of Health Services SA.126, SA.154
- (ii) Income Maintenance and Social Security Policies SA.155
- (iii) Planning of Personal Social Services SA.123, SA.156
- (iv) Housing and Urban Planning SA.125, SA.157
- (v) Education Policies and Administration —
- (vi) A paper from another Branch of M.Sc. study (with the consent of the candidate's teachers). —

3. A report of not more than 10,000 words on a topic approved by the candidate's teachers.

**N.B.** The report must be presented in June.

In session 1977-78 no teaching will be offered for paper 2(v).

### Or B (Social Work Studies)

1. Social Work Studies
  2. Social Problems and Social Services
  3. Mental Health and Mental Disorder
- } Supervisors will recommend appropriate courses for option B.

Candidates for option B must also attain a satisfactory standard in field work. The assessment of field work will be based on supervisors' reports and on a report dealing with an aspect of this work approved by the candidate's teachers. The report must be submitted in September.

Applications are not accepted from those who are able to train for social work to the same level in their own countries (e.g. U.S.A., Canada, Australia).

## XVIII. Social Anthropology

This branch of the M.Sc. is not offered at the School.

## XIX. Social Planning in Developing Countries

The examination will consist of three papers and an essay as follows:

#### *Lectures, Classes and Seminars*

1. Social Policy and Planning in Developing countries SA.172
2. *One* of the following:
  - (i) Planning Health Development SA.126, SA.154, SA.175
  - (ii) Community Development and the Planning of Social Security and Welfare SA.176-177
  - (iii) Social and Economic Aspects of Urbanisation SA.125, SA.178
  - (iv) Social Implications of Education and Manpower Ec.196, Ec.281, SA.125, SA.179
  - (v) Industrial Relations and Manpower Id.101, Id.111
  - (vi) Operational Research I MS.350-351a, MS.353-a, MS.358-359
3. *One* of the following:
  - (i) Sociology of Development So.112, So.163
  - (ii) The Economics of Less Developed Countries and of their Development Ec.130, Ec.188-190
  - (iii) The Aims and Methods of Government Planning Gv.153, Gv.208-209, Gv.217
  - (iv) Demography Dm.102-104a, Dm.113-114
  - (v) Public Finance Ec.182-183, Ec. 185, LL.224
  - (vi) A Second Subject from 2 above —

4. An essay of not more than 10,000 words on an approved topic. The written examination will take place in the third week of June. The essay will be presented in the first week of September.

Note Applicants should have had several years' experience in relevant work.

In Session 1977-78 no teaching will be offered for paper 2(iv).

## XX. Social Psychology

The examination will consist of *three* papers selected from the following:

	<i>Lectures, Classes and Seminars</i>
1. Child Development and Socialisation	—
2. Language, Thought and Communication	Ps.151
3. Groups and Group Functioning	Ps.155
4. Social Psychology of Organizations	Ps.153
5. Social Psychology of Conflict	Ps.156
6. Communication and Attitude Change	Ps.118, Ps.150
7. The Psychological Study of Social Issues	Ps.159
8. Person Perception	—
9. Personality	Ps.154
10. Selected Issues in Social Psychology	—
11. Interpersonal Behaviour	Ps.157

Students will also be required to demonstrate a satisfactory degree of competence in practical work and statistical techniques and must submit a report on a project.

Essays written during the session will also be assessed and will form an integral part of the examination.

One paper from another branch of the M.Sc. in the Faculty of Economics may be substituted for one of the papers if the candidate's teachers approve.

Note In Session 1977-78 options 1, 3, 8 and 10 will not be available. The department reserves the right to cancel lecture courses for any option for which there is an insufficient number of candidates.

## XXI. Sociology

The examination will consist of three papers and an essay as follows:

	<i>Lectures, Classes and Seminars</i>
1. Methods of Sociological Study	So.160-161
2. <i>Either</i> (i) Social structure of Industrial Societies	So.162
<i>or</i> (ii) Sociology of Development	So.112, So.163
3. <i>One</i> paper of the following:	
(i) Sociology of Education	—
(ii) Sociology of Deviant Behaviour	So.119, So.165
(iii) Sociology of Religion	So.113, So.166
(iv) Industrial Sociology	Id.106-a
(v) Race Relations	SA.122, So.167
(vi) <i>Either</i> (a) Theories and Concepts of Political Sociology	—
<i>or</i> (b) Political Stability and Change	So.115, So.168
<i>or</i> (c) The Study of Political Behaviour	—
(vii) Medical Sociology	SA.154
(viii) Sociological Theory	So.102, So.170

4. An essay of not more than 10,000 words on an approved topic.

Subject to the approval of their teachers candidates may substitute for one of the options under 3, a paper from the M.Sc. in Social Psychology.

In exceptional circumstances, for example, where a candidate's teachers are satisfied that the candidate has already attained the appropriate standard in Methods of Sociological Study or in either of the papers under 2, a candidate may submit a further paper from 3.

The examinations for the three papers will take place in June. The final essay must be submitted by 15 September.

Note. In session 1977-78 options 3(i), 3(vi)a and 3(vi)c will not be available. The department reserves the right to cancel teaching for any option for which there is an insufficient number of candidates.

Students' attention is also drawn to the M.Sc. in Politics XVI. 3 Political Sociology.

## XXII. Sociology and Statistics

The examination will consist of three written papers to be taken in June, and a report of not more than 10,000 words to be submitted by 15th September. *Two* papers must be chosen from List A, and *one* from List B.

The report, which must demonstrate the candidate's ability to apply quantitative methods to an appropriate field within Sociology, will be written on a subject to be approved by the candidate's supervisors falling within the range of options in List B but excluding the field chosen for the written paper. Choice of courses from both Lists A and B is subject to approval by the candidate's supervisors.

### List A

	<i>Lectures, Classes and Seminars</i>
1. Probability, Stochastic Processes and Distribution Theory	MS.250-252
2. Statistical Methodology and Inference	MS.253-258
3. Statistical Theory	MS.269-a
4. Advanced Social Statistics and Model Building	MS.251-a, MS.259-261, MS.268
5. Survey Theory and Methods	MS.210, MS.256, MS.262-264

(In exceptional cases, a paper from another branch of the M.Sc. may be substituted for one of the papers listed above.)

### List B

	<i>Lectures, Classes and Seminars</i>
1. Social Structure of Industrial Societies	So.162
2. Sociology of Development	So.112, So.163
3. Sociology of Education	—
4. Sociology of Deviant Behaviour	So.119, So.165
5. Sociology of Religion	So.113, So.166
6. Industrial Sociology	Id.106-a
7. Race Relations	SA.122, So.167
8. One of the following:	
(a) Theories and concepts of Political Sociology	—
(b) Political Stability and Change	So.115, So.168
(c) The Study of Political Behaviour	—
9. Sociological Theory	So.102, So.170

Candidates who wish to take a combination of subjects for which, in the view of the teachers concerned, one year's work is likely to be inadequate given the candidates' previous qualifications, 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.

Note In session 1977-78 options 8(a) and 8(c) in List B will not be available. The department reserves the right to cancel teaching for any option for which there is an insufficient number of candidates.

## XXIII. Sociology with special reference to Education

This branch of the M.Sc. is not offered at the School.

## XXIV. Sociology with special reference to the Sociology of Medicine

This branch of the M.Sc. is not offered at the School.

## XXV. Statistics

The examination will consist of three papers, a record of practical work<sup>1</sup> and a report on a project done during the course. The choice of papers must be approved by the candidate's teachers. The department reserves the right to cancel lecture courses for any option for which there are fewer than four candidates. In such cases candidates will be prepared for the examination by tutorials and directed reading.

	<i>Lectures, Classes and Seminars</i>
1. Probability, Stochastic Processes and Distribution Theory	MS.250-252
2. Statistical Methodology and Inference	MS.253-258

<sup>1</sup>Course MS.267

3. Advanced Social Statistics and Model Building  
(not to be taken with paper 7)
4. Econometric Theory I
5. Advanced Mathematical Programming
6. Survey Theory and Methods
7. Education and Manpower Planning  
(not to be taken with paper 3)
8. Mathematics (by special arrangement only)
9. Demographic Techniques and Analysis (by  
special arrangement only)
10. Any other topic approved by the candidate's  
teachers

*Lectures, Classes and Seminars*

MS.251-a, MS.259-261, MS.268  
Ec.240-241, MS.257  
MS.353-355  
MS.210, MS.256, MS.262-264  
Ec.196, MS.260-a, MS.265-a

## M.A. in the Faculty of Arts

### International History

The examination will consist of three papers and an essay. A knowledge of at least one European language in addition to English is essential.

1. One of the following general periods, including a knowledge of its sources and historiography:
  - (i) 1688-1740
  - (ii) 1740-1789
  - (iii) 1789-1815
  - (iv) 1815-1870
  - (v) 1870-1914
  - (vi) 1914-1946
2. Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period under 1:
  - (i) 1500-1815
  - (ii) 1815-1919
  - (iii) 1919-1946
3. A special aspect, to be studied with the appropriate period under 1. Candidates will be expected to show knowledge of set printed sources and relevant monographs and articles.
4. An essay not exceeding 10,000 words on a topic within the field of the above papers.

The course will extend over one academic year, and the written examination will be held in June. The essay shall be presented not later than the end of September. Two copies must be submitted. They should normally be typewritten.

A candidate who has been successful at the examination for this degree may not enter for the M.Sc. branch XI. International History. A candidate who has been successful at the examination in the M.Sc. branch XI. International History may not enter for this degree.

A candidate who is permitted to re-enter with exemption from re-examination by written papers may re-present his essay at any time within a period not exceeding eighteen months from the date of the examiners' report. Examiners may, at their discretion, prescribe a minimum period to elapse before re-presentation.

## 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. Applications cannot, however, be made direct to the School, but must be made to the various institutions concerned with the admissions procedure for the M.A. degree. A pamphlet about Area Studies is issued by the University of London and can be sent on request.

## LL.M. in the Faculty of Laws

Only applicants with an honours degree in law are eligible for consideration for admission to the LL.M. course. Seminars marked with an asterisk are given at the School. Those not so marked are given at other colleges of the University. Applicants wishing to be registered at this School must choose at least *two* subjects marked with an asterisk.

A candidate will be required *either* (i) to pass at one and the same examination in any *four* of the subjects; *or* (ii) in special circumstances and with the prior approval of the University to pass at one and the same examination in any *three* of the subjects, *and* in an essay of not more than 15,000 words on an approved legal topic.<sup>1</sup> The essay must provide evidence of original work or a capacity for critical analysis, and must be written during the candidate's course of study. A candidate submitting an essay shall be examined orally on the subject of his essay unless the examiners otherwise determine.

The course will extend over not less than one calendar year and the examination will take place once in each year beginning on the first Monday in September.

There is one paper in each subject.

A candidate is required to pass at one and the same time in any four subjects from the list below.

The subjects of the examination are as follows:

1. Jurisprudence and Legal Theory
2. Legal History
3. Administrative Law
4. Comparative Constitutional Law I\*
5. Comparative Constitutional Law II
6. Comparative Constitutional Law III
7. The Principles of Civil Litigation\*
  
11. Company Law\*
12. Insurance
13. Marine Insurance
14. Carriage of Goods by Sea
15. Maritime Law
16. Law of Personal Taxation\*
17. Law of Business Taxation\*
18. Law of Credit and Security
  
21. Industrial and Intellectual Property\*
22. Law of Management and Labour Relations\*
23. Individual Employment Law\*
24. Monopoly, Competition and the Law\*
  
31. The Law of Mortgages and Charities
32. The Law of Landlord and Tenant

<sup>1</sup>Permission to take an essay will be granted only to candidates with particularly high entrance qualifications and will be granted only subject to the approval of the candidate's supervisor and the University.

- 33. Planning Law
- 34. Law of Estate Planning
- 35. The Law of Restitution\*

- 41. Comparative Law of Contract in Roman and English Law
- 42. Comparative European Law (*Candidates taking the Soviet Law option for this subject may not take subject 77, Soviet Law*)
- 43. Comparative Criminal Law and Procedure\*
- 44. Comparative Family Law\* (*Candidates taking this subject may not take Section B of subject 77, Soviet Law. Candidates taking option (iii) for this paper—The Law of the Overseas Chinese Communities in Singapore and Hong Kong—may not offer subject 75, Chinese Customary Law*)
- 45. Comparative Conflict of Laws
- 46. European Community Law

- 51. History of International Law
- 52. Methods and Sources of International Law
- 53. Comparative Approaches to International Law
- 54. Law of International Institutions\*
- 55. Law of European Institutions\*
- 56. Air and Space Law
- 57. International Law of the Sea\*
- 58. International Economic Law\*
- 59. International Law of Armed Conflict
- 60. Legal Aspects of Defence Studies
- 61. Law of Treaties
- 62. Human Rights\*
- †63. International Politics\*
- †64. International Theory\*

- 71. African Law
- 72. Law of Land and Natural Resources in Africa South of the Sahara
- 73. Hindu Law
- 74. Mohammedan Law
- 75. Chinese Customary Law
- 76. Modern Chinese Law
- 77. Soviet Law\* (*Candidates taking Section B 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*)

- 81. Criminology\*
- 82. Sentencing and the Treatment of Offenders\*
- †83. Sociology of Family Law

The selection of optional subjects available to part-time candidates, who cannot attend during the daytime, is considerably restricted.

The title of the essay must be submitted to the University for approval by the last day of February of the year in which the candidate presents himself for the examination, and the essay must be submitted in typescript in duplicate to the Academic Registrar by 1 July of that year.

A candidate may not proceed to the LL.M. examination as an Internal Student after failing that examination as an Internal Student on two occasions.

### M.Sc. in the Faculty of Science

The School registers students for the intercollegiate M.Sc. in Mathematics. Students choose three or four courses from the University's list of Advanced and Post-

† In exceptional cases and with special permission of the University a candidate may select one or two of the subjects so marked in place of one or two of the other subjects.

graduate lectures in 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.

### The Degree of M.Phil.

The degree of Master of Philosophy is awarded by thesis or dissertation in the faculties of Economics, Arts and Laws in every field for which the School offers teaching.

In the Faculty of Arts the University may, in certain cases, prescribe written papers and/or practical examinations to be taken by candidates for the M.Phil. in Psychology and in Philosophy.

#### 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.

A candidate whose initial qualifications in the field of study he wishes 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 he submits his dissertation.

#### The course of study

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 session will be required to pursue a course of not less than two calendar years.

#### Thesis or dissertation

At the end of his course of study each candidate for the M.Phil. must submit a dissertation written in English; it must not exceed 55,000 words.

Each candidate should agree on the subject and title of his dissertation with his supervisor(s) after registration and immediately submit it to the Graduate School Office for approval.

The greater portion of the work submitted must have been done after the registration of the student as a candidate for the M.Phil. The thesis or dissertation shall be either a record of original work or an ordered and critical exposition of existing knowledge.

#### Retrospective transfer to the Ph.D.

Should the supervisor(s) of a candidate registered for the M.Phil. consider that the candidate's work is of doctoral standard, he may on their recommendation and with the permission of the School be transferred to registration for the Ph.D. degree provided that the entrance qualifications which he holds 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 candidate may be allowed to count all or part of the period during which he was registered for the M.Phil. degree, towards his registration for the Ph.D. degree.

Where a candidate for the M.Phil. has been required to satisfy qualifying conditions during his course, his Ph.D. registration cannot be backdated beyond the date on which these conditions were satisfied.

#### Leave of absence for research in the field

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 of two terms or more must in addition be in attendance during his period of registration for the degree for not less than four terms at the School;



neither the first nor the last term of the course can be counted as leave of absence. See also page 236.

#### **M.Phil. in Sociology**

Students registered for the M.Phil. in Sociology will normally be required by the Department of Sociology to attend the course in Methods of Sociological Study and to pass a qualifying examination in this subject at the end of their first year. (Students already qualified in this area—e.g. those holding an M.Sc. in Sociology or evidencing a similar level of attainment—will be exempted from this requirement.)

In addition, students will normally be expected to attend two further courses as agreed by their supervisors and the Department during their first year of registration. They may be required to attain a standard satisfactory to the Department in either or both of these courses.

## **The Degree of Ph.D.**

### **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 Graduate 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.

A candidate who is required to satisfy any qualifying conditions *before* registration for the Ph.D. will not be permitted to count the time spent up to the time of obtaining these qualifications, towards his course of study for the Ph.D.

A candidate for the Ph.D. must, *before* registration and the commencement of his course, comply with the following requirements:

He must produce satisfactory evidence of the standard he has already attained and of his ability to carry out research. A candidate will not be permitted to register for the Ph.D. unless these conditions are satisfied, except in special circumstances where recommended. A qualifying condition may be imposed if the evidence produced is not of satisfactory standard.

In the subjects listed below, candidates must comply with the additional qualification requirements stated in each case, before being permitted to register for the Ph.D.

#### **Geography**

A candidate is normally required to have obtained First or Second Class Honours at the B.A. Honours or B.Sc. (Special) examination in Geography.

#### **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.

#### **Laws**

A candidate should have obtained the LL.B. with First Class Honours, the LL.M., the M.Phil. or an equivalent degree of another university.

#### **Philosophy**

A candidate who does not possess the M.A. or M.Phil. in Philosophy must produce evidence of his 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. After one academic year, a candidate may, if his supervisor so recommends, apply for permission to transfer his registration and to proceed to the Ph.D. and may be granted retrospective registration.

### **The course of study**

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. A student is considered by the University to be full time provided that the total time spent on outside teaching or research does not exceed six hours per week.

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 and part-time students respectively.

### **Thesis**

Each candidate for the Ph.D. should decide with his supervisor(s) after registration the subject and title of his thesis and submit it to the Graduate School Office immediately, for transmission to the University. At the end of his course of study he is required to submit a thesis, which must comply with the following conditions:

- (a) The greater portion of the work submitted therein must have been carried out after the registration of the student as a candidate for the Ph.D.
- (b) It 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.
- (c) 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.
- (d) Theses for the Ph.D. in Geography and Philosophy shall not exceed 75,000 words in length unless permission to exceed this limit has been granted by the University.

Theses for the Ph.D. in Anthropology shall not exceed 100,000 words in length, excluding notes, bibliography and appendices, unless permission to exceed this limit has been granted by the University.

No thesis submitted for the Ph.D. degree in Economics should exceed 100,000 words in length (inclusive of footnotes and appendices, but exclusive of bibliography); this regulation does not apply to editions of a text or texts; and in other cases a candidate wishing to exceed the prescribed limit may apply to the University to do so, such application being made at least six months before the presentation of the thesis.

In the field of History in the Faculty of Arts no thesis shall exceed 100,000 words in length (inclusive of footnotes and appendices, other than documentary or statistical appendices, but exclusive of bibliographies). This regulation does not apply to editions of a text or texts.

- (e) A candidate wishing to exceed the prescribed limit may apply for permission to do so to the University through his supervisor and the Graduate School

Office, such application being made at least six months before the presentation of the thesis.

### **Transfer to or from the M.Phil.**

A student registered for the Ph.D. who wishes to proceed instead to the M.Phil. must apply for permission to do so. The length of further course, if any, which he will be required to pursue for the M.Phil. will be prescribed in each case. On registering for the M.Phil. his Ph.D. registration will lapse.

A candidate may obtain transfer, with retrospective registration, from the M.Phil. to the Ph.D. degree (see under M.Phil. degree). If he has been required to satisfy qualifying conditions during his course of study for the M.Phil. and is permitted to transfer to the Ph.D., his registration for the Ph.D. will not date from a time earlier than the date on which he satisfied these qualifying conditions.

### **Leave of absence for research in the field**

Where a student wishes to take leave of absence from the School in order to carry out research for his thesis in the field, for full-time students the same conditions regarding this leave apply as for the M.Phil. degree. 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 seven terms.

The Ph.D. degree may be conferred in the Faculties of Arts, Laws, Science and Economics.

## **Regulations for Examinations**

### **University fees**

#### **Examination entry fees**

No examination fee is payable in respect of the first entry to examinations, except in the case of part-time students entering for the M.Phil. or Ph.D. examinations. Information about these fees, and fees for re-entry to examinations, is available from the Graduate School office.

### **Entry for Examination**

#### **M.Sc., M.A., LL.M.**

Notices will be displayed on the various notice boards at the appropriate times asking students to collect entry-forms from the Graduate Office. They should be completed according to the instructions 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.

The latest dates for withdrawals from Master's degree examinations are as follows:

LL.M. 28 July

Other Master's degrees:

For June examinations 1 June

For September examinations 15 August

Candidates who are prevented owing to the death of a near relative, or contact with a case of an infectious illness, or by their own illness from taking all or part of a written examination under revised regulations for the degrees of M.A. and M.Sc. in the Faculties of Economics and Science at the normal time may, with the approval of the relevant Board of Examiners:

- (i) be set a special examination in the papers missed as soon as possible after that date
- (ii) if electing to re-enter the written examination at the normal time, either submit their reports, essays or dissertations immediately or at the time of re-entering the written papers

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 the examination paper(s) concerned.

### Diploma in Social Anthropology

If a dissertation is to be submitted in lieu of papers (iv) and (v) (see page 242 under course of study for the diploma) the subject of the dissertation must be submitted to the candidate's supervisor for approval by 1 January.

The examination is held once a year beginning on the second Monday in June. Entry forms should be collected by candidates at the appropriate time. They should be completed according to the instructions enclosed and returned to the Graduate Office promptly by 1 February.

Candidates submitting original work in the form of a dissertation must submit two copies of the dissertation typewritten or printed, and bound in the prescribed fashion not later than 15 May.

A provisional list of successful candidates, arranged in alphabetical order, will be published by the Academic Registrar on 14 July. A Mark of Credit will be awarded to those candidates showing merit and a Mark of Distinction to those candidates showing exceptional merit.

### Research Degrees - M.Phil. and Ph.D.

#### Thesis title

Not later than nine months before the date when he proposes to enter for the examination for the M.Phil. or Ph.D. the student must submit the title of his thesis through the Graduate School Office for approval and subsequent notification of the University.

Students should obtain the approval of their supervisor for their proposed thesis title before submitting it to the Graduate School Office.

Candidates are warned that, except at their definite request, thesis subjects provisionally registered on admission to the course and incidentally included in their annual reports are not passed on to the University. A title that has been formally submitted to the University can be modified later only by consent of the School authorities. Until formal submission of title, changes of field of research from the one submitted on registration should be reported to the Graduate School Office

since, if they are substantial or have been made long after the commencement of registration, they may need the consent of the Graduate School Committee.

#### Thesis requirements

For regulations governing length of theses for the M.Phil. and Ph.D. see pages 233 and 235.

The thesis for a Ph.D. must consist of the candidate's own account of his research. It may describe work done in conjunction with the teacher who has supervised the work, provided that the candidate clearly states his personal share in the investigation, and that this statement is certified by the teacher. Work done conjointly with persons other than the candidate's teacher will be accepted as a thesis in special cases only. In no case will a paper written or published in the joint names of two or more persons be accepted as a thesis.

The candidate must indicate how far the thesis embodies the result of his own research or observation, and in what respects his investigations appear to him to advance the study of his subject.

Conjoint work may be submitted as a thesis or dissertation for the M.Phil., provided that the student shall furnish a statement showing clearly his share in the conjoint work and further provided that such statement shall be countersigned by his coadjutor.

Every candidate will be required to present a short abstract of his thesis comprising not more than 300 words which should be bound immediately after the title page with each copy of the thesis submitted to the University.

A candidate will not be permitted to submit as his thesis a thesis for which a degree has already been conferred on him in this or any other university; but a candidate shall not be precluded from incorporating work which he has already submitted for a degree in this or in any other university in a thesis covering a wider field provided that he shall indicate on his form of entry and also in his thesis any work which has been so incorporated.

#### Entry for examination

Every candidate must apply to the Graduate School Office for a form of entry which must be returned, duly completed, with the proper fee not earlier than six months before the completion of the prescribed course and not later than two months before the submission of the thesis or dissertation. (A candidate permitted to re-enter within a specified period should submit his entry form, fee and thesis or dissertation at the same time.) Certain Boards of Studies require candidates to submit with their form of entry a short abstract of about 300 words of their thesis. This requirement applies to Anthropology and Geography in the Faculty of Arts.

Every candidate must produce a certificate from the School, stating that he has studied to their satisfaction for the prescribed period. This certificate must be submitted before or at the same time as the thesis or dissertation. *Candidates should therefore advise the Graduate School Office at least one month before they intend to submit their theses.*

Candidates for the M.Phil. and Ph.D. will at the time of entry to the examination be required to sign a declaration in the following terms subject to paragraph 8 below:

1. I authorise that the thesis/dissertation presented by me in (*year*) for examination for the M.Phil./Ph.D. degree of the University of London, shall, if a degree is awarded, be deposited in the University of London Library and in the library of the appropriate School or Institute and that, subject to the conditions set out in paragraph 4 below, my thesis/dissertation be made available for public reference, inter-library loan and photocopying or microfilming.

2. I authorise the University of London to supply a copy of the abstract of my thesis/dissertation for inclusion in any published list of these offered for higher degrees in

British Universities or in any supplement thereto, or for consultation in any central file abstracts of such theses.

3. I authorise the University of London to lend a copy of my thesis/dissertation to the British Library and authorise that Library, subject to the conditions set out in paragraph 4 below to make a microfilm copy for the purposes of inter-library loan and the supply of photocopies.

4. I understand that before any person is permitted to read, borrow or reproduce a single copy of my thesis/dissertation by photocopy or in microfilm he will be required to sign a declaration that the thesis/dissertation and any copy thereof is required for private study and research and that he will respect the author's copyright.

5. I authorise the University of London to make a microfilm copy of my thesis/dissertation in due course as the archival copy for permanent retention in substitution for the original copy.

6. I warrant that this authorisation does not, to the best of my belief, infringe the rights of any third party.

7. I understand that in the event of my thesis/dissertation being not approved by the examiners, this declaration would become void.

8. A candidate may apply to the Academic Council: to retain personally the sole right to grant permission to consult, borrow or copy his work for a period, not normally exceeding five years which shall be specified in each case and/or to withhold the abstract of his thesis from publication, or from inclusion in a central file, for a period not normally exceeding five years which shall be specified in each case.

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 his thesis or dissertation on or after 1 June of the relevant year except where otherwise provided for particular fields of study.

A candidate who will not be ready to submit his 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 his course. A candidate who does not submit his form of entry within one calendar year must apply to the University for admission to the examination if he still desires to proceed to the degree.

If a candidate has not submitted his thesis or dissertation for examination, within eighteen months after submission of the form of entry for the examination his entry will be cancelled and the fee refunded less £15.

A candidate will be required to submit three copies of his thesis or dissertation either typewritten or printed of which two copies must be bound in accordance with instructions obtainable from the Academic Registrar. The third copy must be at least adequately bound. A thesis or dissertation which consists of a collection of printed pamphlets, excerpts or of a single pamphlet must also be bound in accordance with those instructions.

For the Ph.D. and the M.Phil. in Arts and Science each candidate is required to bring to the oral examination an *additional copy*, adequately bound, and paginated in the same way as the three copies submitted to the University.

The candidate is invited to submit as subsidiary matter in support of his candidature any printed contribution or contributions to the advancement of his subject which he may have published independently or conjointly.

If a candidate submits such subsidiary matter he will be required to state fully his own share in any conjoint work.

Every candidate who is unsuccessful at the Ph.D. examination will be required on re-entry to comply with the regulations in force at the time of his re-entry.

## Examination

- (a) 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.
- (b) Except as provided in paragraphs (a) and (d), 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.
- (c) If a thesis or dissertation is adequate, but the candidate fails to satisfy the examiners at the practical or written examination held in connection therewith, 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.
- (d) 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 his thesis or dissertation in a revised form within twelve months for the M.Phil. and 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.
- (e) If the thesis is otherwise adequate, but requires minor amendments and if the candidate satisfies the examiners in all other parts of the examination the examiners may require the candidate to make within one month specified amendments to their satisfaction or that of one of their number nominated by them.
- (f) If, after completion of the 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. 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 not be 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 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.

(g) For the purposes of the oral, practical or written examination held in connection with his thesis or dissertation, the candidate will be required to present himself at such a place as the University may direct and upon such a day or days as shall be notified to him. A Teacher or Teachers not exceeding two in number may be invited to attend the oral examination for the Ph.D. as observers.

Each report of the examiners shall state (a) the subject of the thesis or dissertation submitted by the candidate; (b) a list of his other original contributions (if any) to the advancement of his subject; (c) a concise statement of the grounds upon which the examiners base their decision.

The degree of Ph.D. will not be conferred upon a candidate unless the examiners certify that the thesis is worthy of publication as a 'Thesis approved for the degree of Doctor of Philosophy in the University of London'.

Work approved for the degree of Ph.D. and subsequently published, must contain a reference, either on the title page or in the preface, to the fact that the work has been approved by the University for the award of the degree.

A graduate will not be permitted to publish his thesis or dissertation as a thesis or dissertation approved for the M.Phil. without the permission of the University.

### Notification of results

Every candidate will be notified 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.

### Diploma in Social Anthropology

#### General regulations and qualifications for admission

The diploma is awarded by the University of London and all candidates at the School are required to register as internal students of the University.

All students should read the pamphlet *Regulations for Academic Diplomas*, which may be obtained from the Academic Registrar, University of London, Senate House, WC1E 7HU.

The diploma course is open to:

(a) Students of postgraduate standing whose undergraduate courses have in the opinion of the University included a suitable preliminary training.

(b) Students who, though not graduates, have satisfied the University that their previous education and experience qualify them to rank on the same level as graduates approved under (a) for this purpose.

#### The course of study

The course of study for the diploma extends over two academic sessions and must be pursued continuously, unless special exemption is obtained. Only full-time students are accepted for registration for the Diploma.

At the discretion of the examiners there may be an oral or a practical examination in any subject, in addition to the written examination in that subject.

Candidates shall not be approved by the examiners unless they have shown a competent knowledge of all the branches prescribed for the examination.

Enquiries about this diploma should be addressed to the Secretary of the Graduate School.

Candidates are required to take the following papers:

- (i) History and Theory of Social Anthropology
- (ii) Political and Economic Organization
- (iii) Values, Beliefs and Ritual
- (iv) and (v) Two of the following options:

- (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 for the diploma).
- (b) Applied Social Anthropology  
or Social Change in Developing Societies
- (c) Social Anthropological Studies of Sectors of Complex Modern Societies
- (d) General Principles of Linguistics  
or Anthropological Linguistics
- (e) Primitive Technology
- (f) An essay consisting of a paper of three hours, relating to a subject within the fields of the first three papers
- (g) Primitive Art
- (h) Islamic Societies and Cultures.

Supervisors will recommend to candidates courses appropriate for this diploma.

A dissertation of *not more than 30,000* words may be offered in lieu of papers (iv) and (v). The subject of the dissertation must be submitted to the candidate's supervisor by 1 January. Candidates submitting original work in the form of a dissertation must submit two copies of the dissertation typewritten or printed, and bound in the prescribed fashion, not later than 15 May.

### Diploma in Statistics

The School offers a full-time course for graduate students leading to a Diploma in Statistics. For details about this diploma please see pages 211-212.

### Diploma in Systems Analysis and Design

The School offers a full-time course leading to a Diploma in Systems Analysis and Design. For details about this diploma please see pages 212-213.

## Dates of Examinations

(INTERNAL STUDENTS)

1977-78

Entry forms for first-degree examinations should be obtained from the Examinations Office at least one month before the closing date. After completion by the student of the appropriate section the form should be returned to the Examinations Office, together with the relevant enclosures.

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.

B.Sc.(Econ.) Final, Part I  
Entry closes 15 January 1978  
Examination begins To be announced

B.Sc.(Econ.) Final, Part II (*New Regulations*)  
Entry closes 15 January 1978  
Examination begins To be announced

B.Sc. Degree and B.A. Degree (by course units)  
(all years)  
Geography  
Mathematics, Statistics and Computing  
Mathematics and Philosophy  
Social Anthropology  
Social Psychology  
Sociology  
French Studies  
Entry closes 15 January 1978  
Examination begins To be announced  
B.A. Final  
Entry closes 17 January 1978  
Examination begins 1 June 1978

LL.B  
Entry closes 1 February 1978  
Examination begins To be announced

B.Sc. Social Science and Administration  
(First year)  
Entry closes 15 December 1977  
Examination begins To be announced

First Stage (Second Year)  
Entry closes 15 December 1977  
Examination begins 27 April 1978

Second Stage (Third Year)  
Entry closes 15 December 1977  
Examination begins 1 June 1978

M.Sc.  
Entry closes

1 February 1978 for June examination (including candidates for September branches who have chosen an optional paper which is examined in June)

1 May 1978 for September examination

Either 19 June 1978 or 4 September 1978 according to subject

Examination begins

M.A. Area Studies, History

Entry closes

1 February 1978

Examination begins

19 June 1978

LL.M.

Entry closes

1 May 1978

Examination begins

4 September 1978

Diploma in Anthropology

Entry closes

1 February 1978

Examination begins

12 June 1978

## 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 organizations, 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

Problems of human relations; the social organization of industry; industrial relations in overseas territories and the work of international organizations are covered in a series of lectures and classes.

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 his 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 scholarships provided by the Trades Union Congress, to whom they should apply.

## 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 former student of the School who has attained distinction in the arts, science or public life, or any person who has rendered exceptional services to the School, or to the arts, science or public life.

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 ten nor shall there be included amongst them, save for the like reasons, more than three persons who are not former students of the School.

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 Academic 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 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 social, economic and international aspects of history. As well as treatises and some 11,600 non-governmental periodicals (of which 4,400 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 some 12,700 serials (of which 7,000 are received currently); 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 some 670,000 bound volumes; the total number of separate items is estimated at over two and a half million. 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. A brochure, *Outline of the Resources of the Library*, may be obtained from the Librarian.

There is a full author catalogue typed on cards. The subject catalogue is published as *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 34 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 £1.25 a copy (plus postage).

The Library occupies a connected series of rooms on the north side of the School's main buildings in Houghton Street, Clare Market and Portugal Street. They include the only remaining part of the original School building of 1902, and later additions built partly with the aid of benefactions from the Rockefeller Foundation of New York. They are entered through a hall containing the counter for enquiries and the issue of books. There are seats for 943 readers. Immediately adjacent to the entrance hall is a room containing the catalogues and the most important bibliographies, encyclopaedias, directories, etc. Reading rooms devoted to particular subjects or classes of material contain open-shelf collections amounting to some 85,000 volumes. The Periodicals Room displays the current numbers of some 600 periodicals. Two further reading rooms are reserved for graduate students, and one for the Senior Staff of the School.

The greater part of the Library's collections is housed in the reserve stacks, which occupy nearly the whole of the basements of the main School building. Readers are not normally admitted to these, but any book is issued on request for use in the reading rooms. In addition, some 250,000 volumes are kept in repositories at

Egham and in Finsbury, from which collections are made at regular intervals.

During the summer vacation of 1978 it is planned to move the Main Library to new premises at 10 Portugal Street, adjacent to the School. It is likely that the Library will need to be closed for at least part of this vacation. During this period every effort will be made to make alternative arrangements to meet the information needs of members of the School; and the Teaching Library (see below) will remain available.

The School also possesses other libraries. The *Teaching Library* occupies a series of connected rooms in the East Building. Its stock of over 35,000 volumes contains additional lending copies of the more important books used by undergraduates and graduates taking courses, and there is also a short-loan collection of periodicals and photocopies of articles, etc. In addition to lending books, this library is a place of study, with accommodation for 159 readers. A leaflet giving details of Teaching Library services may be obtained at the counter.

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 fifth floor of the Main Building.

A brochure *Notes for Readers* 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 lecturers 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.<sup>1</sup> All fees are non-returnable.

3. Every registered student on his first visit must produce his School registration card to be endorsed by the appropriate Library officer. Every permit holder on his

<sup>1</sup>The fees at present prescribed are, £75 for a permit valid for six months, and £37.50 for three months or less.



first visit must sign his name in a book kept for that purpose and may be required to sign on subsequent occasions.

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 reading rooms are normally open on all working days during hours prescribed from time to time. They are closed on Sundays and on certain other days as prescribed.<sup>1</sup>

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 rooms in the main Library.

7. Readers who have finished with books taken from the open shelves in any of the rooms should return them without delay to the returned-book stack in the room from which they have been taken, or preferably to their places on the shelves.

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 uncanceled. Certain categories of books and papers may be read only in such rooms and during such hours as the Librarian may prescribe.

9. 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.

Members of the School staff may borrow books subject to the prescribed conditions.

Students of the School may borrow books over the weekend and at other times when the Library is closed subject to the prescribed conditions.

10. Graduate students, upon completion of the prescribed vouchers, may keep books from the reserve stacks in their individual lockers in the research reading rooms. They will be responsible for books so held by them, and the books must remain accessible to the Library staff.

11. Graduate students of the School (including graduate students accepted by the School for intercollegiate study) 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) The prescribed loan voucher must be completed and handed in before any book is removed.

(vi) Books borrowed during the term are due back one week before the last day of term, but they will be subject to recall at any time. Books borrowed during the

<sup>1</sup>The hours of opening prescribed at present are from 10 a.m. to 5 p.m. on Saturdays, and from 10 a.m. to 9.20 p.m. on other days except in August, 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 Years' Day, May Day, the Spring and Late Summer Bank Holidays, and all Saturdays in July and August.

last week of any term or during vacation will be due for return at the end of the first week of the next term, but will also be subject to recall.

12. 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.

13. 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.

14. 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.

15. Eating, drinking and smoking are forbidden within the Library.

16. No reader may enter the Library basement or any other part of the Library not open to general readers without special permission.

17. 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.

18. The Library is intended solely for study and research, and may not be used for any other purpose whatsoever.

19. Silence should be preserved in the reading rooms and on the central staircase and landings.

20. 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 the Librarian to be sufficient.

## 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 obtain a ticket entitling him 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 about one million volumes; 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 European History, geography and geology, British Government publications, palaeography, philosophy, psychology, United States and Latin American studies, and music. Almost 6,000 periodicals are received currently; the Periodicals Room provides a wide selection on display. The Goldsmiths' 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 are provided in the Library, and the Photographic Section will also supply photocopies in addition to microfilms, slides, enlargements, etc.

### Hours of Opening

**Monday to Friday during the session: 9.30 a.m. to 9 p.m.**

**(book-stack service 10 a.m. to 6.30 p.m.)**

**Saturday and during the Summer vacation: 9.30 a.m. to 5.30 p.m.**

**(book-stack service 10 a.m. to 5 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 world-wide. 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 in recent years 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, the Bookshop has a mail order centre in N.W.1., and a separate shop selling secondhand books in Portugal Street. Over 8,000 titles are regularly held in stock, including a wide range of paperbacks and pamphlets. It also operates a bookshop at the Middlesex Polytechnic, Enfield Precinct.

## 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 one or other of the well-known 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. Until recently the majority of the publications sponsored by the Publications Committee have been channelled through one selected publisher. However experience has shown that no one publisher now can handle the whole output, which has been increasing both in quantity and in the range of subjects covered. Thus the Committee's policy now 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 favourably with what they might get elsewhere. Each year however the School finances the publication of some 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, Professor I. M. Lewis)  
Reprints of Scarce Works on Political Economy (*Economica* Office, L.S.E.)

Papers in Soviet and East European Law, Economics and Politics (Athlone Press. Editor, Professor L. B. Schapiro)

Greater London Papers (Greater London Group, L.S.E.)

Occasional Papers on Social Administration (G. Bell and Sons Ltd. Editor, Mr. M. J. Reddin)

Geographical Papers (Geography Department, L.S.E.)

L.S.E. Handbooks in Economic Analysis (Weidenfeld and Nicolson. Editors, Mr. Brian Henry and Professor A. A. Walters)

L.S.E./N.C.C. Monographs on Information Systems Analysis and Design (N.C.C. Publications. Editors, R. K. Stamper and J. D. Humphries)  
Inaugural Lectures (L.S.E.)

Publications of the former Higher Education Research Unit (Oliver and Boyd, 5 titles; Allen Lane the Penguin Press, 6 titles; the Elsevier Publishing Company, 8 titles to date)

L.S.E. Industrial Relations Series (Heinemann Educational Books Limited. General Editor, Professor B. C. Roberts)

A London Bibliography of the Social Sciences (British Library of Political and Economic Science, L.S.E.)

Monthly List of Additions to the Library

#### History of the Foundation of the School

Remaining stocks of Sir Sydney Caine's book *The History of the Foundation of the London School of Economics and Political Science* (Bell, 1963) are now held by the School. Copies are available from the Information Officer and Publications Officer at a reduced price of 50p each.

#### The Library

The following pamphlet will be of interest and is available free of charge from the Publications Officer or the Information Officer: *The British Library of Political and Economic Science, a brief history*, by Professor A. H. John, 1971.

## Student Health Service

The Student Health Service aims to provide medical care for all students of the School. The Health Service provides facilities for general medical, psychiatric, gynaecological, ophthalmic and first aid treatment.

One full-time and two part-time psychiatrists 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 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 is 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.

## Careers

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. A considerable number of the School's graduates find employment in industrial and commercial management, enter the teaching profession, go on to undertake academic research, find expert posts as economists, lawyers or statisticians, join central and local government, or enter journalism. It would be misleading to further catalogue areas of employment because we find L.S.E. graduates in every kind of profession and organisation.

Possession of a university degree may result in a considerable shortening of 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, the B.Sc. degree in Social Science and Administration and the diploma in Social Administration awarded by the School provide necessary 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.

It is never too early to start thinking about a career and those who are in doubt should consult their tutor and the Careers Advisory Service. The University of London Careers Advisory Service maintains a permanent office in the School. Students may consult the careers advisers at any time during their courses, but are urged to start using the Service not later than the end of their second year, though all students can seek advice at any time before entry and after graduation if they so desire.

## Students' Union and Athletic Union

### Students' Union

The objects of the Students' Union are to promote the 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 first floor of the St. Clement's building.

The Union employs a number of permanent staff. There is a Welfare Officer, who deals with general student welfare, i.e. accommodation, overseas students' affairs, vacation work and personal problems. The Union General Meeting, held regularly on Friday afternoons in the Old Theatre, is the central decision-making organ of the Union. There are two student sabbatical officers (General Secretary and Senior Treasurer) 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, the Bar, Shop and Coffee Bar, Academic affairs, External affairs, entertainments, and so on. There are also more than fifty societies which cover a wide range of interests. Full details of Union meetings and elections and of the Committees and Societies are 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 Friday lunch-time in Room S.101a. N.U.S. Cards and information on cheap student travel can be obtained from the Union offices.

There is a nursery at the School with places for children between the ages of two and five and the Union also has a limited number of places for children under the age of two at a nursery run jointly with the Centre for Environmental Studies. Information on nursery places can be obtained from the Welfare Officer, Room S.100a.

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. 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 Senior Treasurer or Students' Union Offices.

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. In addition, the Union magazine *Clare Market Review*, which was founded over seventy years ago, is resuming publication next December, after a few years' break. Every day during term-time *Beaver Daily News* is printed, which is an information sheet of that day's events. The editorial boards of all these publications, are open to all students, whilst the editorial candidates are recommended by the Executive Committee of the Union to a Union Meeting, who 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 Intercity Athletics Board. All students are eligible to join the Athletic Union. The subscription charged for membership of each club is forty pence; A.U. membership is free.

The following clubs are affiliated to the Athletic Union:

Association Football, Athletics, Badminton, Basketball, Cricket, Cross-Country, Gliding, Golf, Hockey (Men and mixed), Judo, Karate, Mountaineering, Riding, Rowing, Rugby Football, Sailing, Skiing, Squash, Table Tennis, Tennis. And other facilities are available at University College London.

Details about club activities may be obtained from the Athletic Union Office (E.65) or from the club noticeboards in the concourse area, St. Clement's building.

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 (E.29) 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 Golf Club plays at Malden Golf Club; the Gliding Club uses Lasham Aerodrome, Hants. The Mountaineering Club meets in England and on the Continent.

There is an annual open day at New Malden, held in June.

### Officers of the Students' Union and Athletic Union

General Secretary of the Students' Union—Daud Kahn (sabbatical position)

Senior Treasurer of the Students' Union—Julian Ingram (sabbatical position)

President of the Athletic Union—Will Evans

Internal Vice-President of the Athletic Union—Kathryn Binns

External Vice-President of the Athletic Union—Paul Knowles

Treasurer of the Athletic Union—Ian Morgan

General Secretary of the Athletic Union—Paul Whitfield

Assistant General Secretary of the Athletic Union—Al Newton

## Residential Accommodation

One-quarter of the student body is now 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.

### Lodgings and Flats in the Private Sector

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. Anyone whose tastes are likely to lead to his 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 (unless otherwise indicated) be made to the Assistant Registrar (Admissions) at the School. Applications should be made, if possible, by the 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): W. D. Bishop, B.A., M.A., B.C.L. and A. Sked, M.A., D.Phil.)

Carr-Saunders Hall accommodates 158 men and women students in 132 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 206 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 the 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 of course included in the fees paid by the hall occupants, but those resident 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 168 men and women students in 68 single, 32 double and 12 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 two blocks around its own garden and has all the usual facilities including, bar, gamesroom, common rooms, launderette, quiet room and limited cooking facilities. There is central heating in the communal areas and fires with coin meters are supplied in the study bedrooms. Parking spaces are also available.

### Rosebery Avenue Hall

Rosebery Avenue, London EC1R 4TY

(Warden: S. R. Hill, B.A., M.Sc., Ph.D.)

This hall opened in October 1974 and accommodates 194 men and women students in 162 single and 16 double study bedrooms. The hall is situated very close to the Sadlers 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.

### Anson Road and Carleton Road

(Academic Resident: M. A. M. Smith, M.A., M.Sc., D.Phil.)

The School has 19 flatlets at the junction of Anson and Carleton Roads (N.7.) which are available for letting to married full-time students of graduate status. 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. Applications for flatlets for which there is generally a waiting list, should be made to the Hall Bursar, L.S.E. Hall of Residence, 90, Rosebery Avenue, London, E.C.1.

### University Halls of Residence

Canterbury Hall, College Hall and Nutford House are under the authority of the Halls of Residence Committee of the University of London. 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 406 men 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 organized; 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 at Afsil House, 155 Saffron Hill, EC1N 8QL, about ten minutes' walk from the School and at 69-75 Gauden Road, Clapham, S.W.4. Eight 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. Applications for the flats should be made to the Hall Bursar, L.S.E. Hall of Residence, 90 Rosebery Avenue, London EC1R 4TY.

### 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, 1977

*President:* Mrs. Nell McGregor

*Deputy President:* Kit F. Russell

*Life Vice-President:* The Right Hon. Lord Robbins

*Representatives of the London School of Economics Society on the Court of Governors:* R. J. Hacon, Eva Morris, J. B. Selier

*Joint Secretaries:* Eva Morris and Maliha Najjar

*Chairman of Programme Committee:* Mrs. Eileen Barker

*Secretary to Programme Committee:* Barbara Asherson

*Treasurer:* J. B. Selier

*Editors of L.S.E.:* P. D. C. Davis, Mrs. Nell McGregor

*Editorial Consultant:* D. J. Kingsley

*Auditor:* J. W. Smith

*Committee Members:* The Officers, Editors of *L.S.E.* and Butch Adams, Barbara Asherton, Eileen Barker, Anne Bohm, Shirley Chapman, Tom Conlon, Patrick Davis, Rosetta Desbrow, Richard Hacon, Maureen Murdoch, Kit F. Russell.

Membership of the London School of Economics Society is open to past students of the School, day and evening, who have been full members of the Students' Union for at least one session, if so admitted by the Committee. Members of the School's staff who were not students at the School are eligible for membership. Persons not so qualified can be admitted to membership at the discretion of the Committee. Free membership for two years is available to newly qualified graduates provided they join within six months of graduation.

Members of the Society are granted various privileges in regard to the use of the School facilities. Subject to certain restrictions, they are entitled to free permits to use the School Library during vacations and in some cases during term. The magazine *L.S.E.*, published twice yearly, is sent to members free of charge, and there are occasional social events, including discussion meetings on subjects of general interest to members, a Saturday School on Social Science, an annual lecture on a topical subject by a distinguished speaker, and an annual dinner.

The life subscription is £15 and the annual subscription £4. Application forms and information relating to the Society can be obtained from the Honorary Secretary at the School.

## Friends of the London School of Economics

### Trustees:

*Chairman:* Sir Paul Chambers

*Vice-Chairman:* Dr. L. Farrer-Brown

Professor W. T. Baxter, Sir Sydney Caine, Mr. W. S. Collings, the Director, the Chairman of the Senior Common Room

*Treasurer:* William Harrison

*Secretary:* Jennifer Pinney

In July 1957 an Association of Friends of the London School of Economics was formed. Membership is open to all former students of the School, present and past members of the staff, present and past Governors and any other persons or organizations interested in the welfare of the School. The principal object of the Association is to raise funds to provide for the School amenities which are important to its daily life, but which it cannot afford, either because of shortage of money or because it would not be appropriate to expend public funds on their acquisition. Since its foundation the Association has made many gifts to the School, some valuable in themselves, such as the three Persian carpets provided for the Founders' Room and furniture for the common rooms at Carr-Saunders Hall and Passfield Hall, and others whose usefulness is far in excess of their cost, such as the furniture for the roof gardens. Donations and gifts in kind of such items as pictures, plate, glass and silver are welcomed.

The Secretary will gladly send particulars of the Association on application. The annual subscription is £2.10 or £1.05 if paid under a seven-year deed of covenant. New members are urgently needed.



### Part III : Lecture Courses, Classes and Seminars

Part III of the Calendar groups courses according to subject in the order shown below. Regular students are at liberty to attend any course of lectures except for those which are restricted to certain students.

The rubrics for courses in this list show the degrees and years for which each course is intended and thus give a general indication of its level.

Students following degree or diploma courses of the University of London or the School are referred to the degree and diploma regulations set out on pages 154 to 243 where the course numbers of the relevant lectures, classes and seminars are shown against each subject.

The following abbreviations are used:

c.u.	course unit
B.Sc. S.S. and A.	B.Sc. in Social Science and Administration

The following prefixes used before the course number indicate the department responsible for the course:

		Page
Ac	Accounting	268
An	Anthropology (Social)	270
Dm	Demography	275
Ec	Economics	279
EH	Economic History	301
Gy	Geography	308
Gv	Government	325
Id	Industrial Relations	340
Hy	International History	347
IR	International Relations	359
Ln	Languages	374
LL	Law	380
MS	Mathematics, Statistics, Computing, Operational Research and Actuarial Science	416
Ph	Philosophy	438
Ps	Psychology (Social)	443
SA	Social Administration	449
So	Sociology	474

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

### General Courses

#### The Social Sciences: an Historical Introduction

Professor MacRae. Twenty lectures, Michaelmas and Lent Terms.

Recommended for all first-year students.

## Accounting and Finance

### Ac100 Accounting 1A: Introduction

Professor Edey. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; M.Sc. preliminary and final yrs.  
**Syllabus** The balance sheet and the income account. Assets and finance. Flow of funds statements. Interpretation.  
**Recommended reading** H. C. Edey, *Business Budgets and Accounts*, chaps. 1-3; *Introduction to Accounting*; C. T. Horngren, *Accounting for Management Control* (chaps. 1-5); F. W. Paish, *Business Finance*. Reference may also be made to W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory*; G. A. Lee, *Modern Financial Accounting*; J. F. Northey and L. H. Leigh, *Introduction to Company Law*; and L. C. B. Gower, *Modern Company Law*. The latest editions should be used.

### Ac100(a) Classes

Michaelmas and Lent Terms.

### Ac101 Accounting 1B: Company Accounting

Mr Macve. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; M.Sc. preliminary and final yrs.  
**Note:** Accounting 1A (Course Ac100) is a prerequisite for Accounting 1B.  
**Syllabus** The nature and significance of limited liability companies; the financing of a limited company; the legal requirements relating to company accounting information; the preparation of company accounts; capital maintenance and dividend policy; accounting for liquidations, reconstructions, acquisitions and mergers; group structure and group accounts; the interpretation of company accounts.

**Recommended reading** Relevant sections of G. A. Lee, *Modern Financial Accounting*; Spicer and Pegler, *Book-keeping and Accounts*; L. C. B. Gower, *Modern Company Law*; F. W. Paish, *Business Finance*. The latest editions should be used.

Reference should be made to the Companies Acts 1948, 1967 and 1976.

### Ac101(a) Classes

Lent and Summer Terms.

### Ac102 Accounting 1C: Accounting Systems

Professor Edey and Mr Paterson. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc. preliminary and final yrs.

**Note** Accounting 1A (Course Ac100) is a prerequisite for Accounting 1C.

**Syllabus** Basic features of the accounting information system. The analysis of systems. Internal control.

**Recommended reading** References will be given during the course.

### Ac102(a) Classes

Lent Term.

### Ac103 Compound Interest Practical Classes

Three classes, Michaelmas Term.  
For B.Sc.(Econ.) Part II; M.Sc. preliminary and final yrs.

### Ac104 Accounting 2A: Elements of Financial Decision Theory

Mr Lumby. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. preliminary and final yrs.

**Syllabus** Investment and financing decisions in the firm. The use of cash flow models and discounting. Risk and uncertainty. Dividend decisions. Methods of finance. Capital rationing situations.

**Recommended reading** B. Carsberg, *Analysis for Investment Decisions*; M. Bromwich, *The Economics of Capital Budgeting*; and relevant parts of: J. C. Van Horne, *Financial Management and Policy*. Further reading will be recommended during the course.

### Ac104(a) Classes

Michaelmas and Lent Terms.

### Ac105 Accounting 2B: Budgetary Planning and Control

Mrs Dev. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc. preliminary and final yrs.

**Syllabus** Short-run planning and control in the firm. Budgetary control. Responsibility and control. Analysis of cost and revenue for pricing, output and other decisions. Presentation of cost information.

**Recommended reading** H. C. Edey, *Business Budgets and Accounts*; C. T. Horngren, *Accounting for Management Control: An Introduction*, chaps. 6-12, 15 and 17; J. Arnold, *Pricing and output Decisions*.

### Ac105(a) Classes

Michaelmas Term.

### Ac106 Accounting 3A

Mr Macve. Fifteen meetings, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

**Syllabus** Financial accounting, with particular reference to company accounts, the valuation of assets, shares, and firms. The measurement of income, costs and depreciation. Standard practice. E.E.C. directives. Current problems.

**Recommended reading** References will be given during the course.

### Ac106(a) Classes (Theory)

Lent Term.

### Ac106(b) Classes (Practical)

Lent Term.

### Ac108 History of Accounting

Professor Yamey and Mr de Ste. Croix. Three lectures, at times to be arranged.

For B.Sc. (Econ.) Part II; M.Sc. and others interested.

### Ac109 Accounting for Non-Specialists

Mr Noke. Seven meetings, Lent Term.

For B.Sc. (Econ.) Part II.

**Syllabus** Revision and extension of Course Ac100.

**Recommended reading** As for Course Ac100.

### Ac110 Business Finance for Trade Union Studies Course

Mr J. W. Smith. Ten meetings, Lent Term.

## FOR GRADUATE STUDENTS

### Ac150 Business Finance for Diploma in Personnel Management

Mr J. W. Smith. Five meetings, Lent Term.

### Ac151 Introductory Mathematics for Financial Theory

Mr Lumby. Ten meetings, Michaelmas Term.

This course will not be given in 1977-78.  
For M.Sc. preliminary and final yrs.

### Ac152 Valuation and Accounting Theory

Professor Baxter. Twenty meetings of 2 hours each, Michaelmas and Lent Terms.

For M.Sc. final yr.

### Ac153 Decision Analysis

Mr Watson. Fifteen lectures of 1½ hours each, Michaelmas and Lent Terms.

For M.Sc. final yr.

### Ac153(a) Classes

Lent Term.

### Ac154 Topics in Management Accounting

Lecturer to be announced. Ten meetings of 2 hours each, Lent Term.

For M.Sc. final year.

### Ac155 Analysis for Investment Decisions in Public Corporations

Mr Lumby. Ten meetings, Michaelmas Term.

For M.Sc. final yr.

### Ac155(a) Classes

Michaelmas Term.

### Ac157 Company Accounting Practice

Lecturer to be announced. Five classes, Michaelmas Term.

For M.Sc. final yr.

### Ac159 Accounting Theory and Practice

Professor Edey. Ten meetings of 1½ hours each, Michaelmas and Lent Terms.

For M.Sc. final yr.

## Anthropology

### COURSES INTENDED PRIMARILY FOR FIRST-YEAR STUDENTS

#### An100 Introduction to Social Anthropology

Professor Lewis. Twenty-four lectures, Sessional.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc., Soc. Psych.; B.Sc. (Econ.) Parts I and II; Dip. Soc. Anth. 1st yr.; graduate students taking qualifying examinations.

**Syllabus** The origins and scope of social anthropology and its relation to other subjects. Its key concepts, culture and society, and how they are connected. Their worldwide dimensions: 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.

**Recommended reading** B. Malinowski, *Argonauts of the Western Pacific*; E. E. Evans-Pritchard, *The Nuer*; *Witchcraft, Oracles and Magic among the Azande*; E. R. Leach, *Political Systems of Highland Burma*; J. Goody, *Kinship* (readings); I. M. Lewis, *Social Anthropology in Perspective*; R. Fox, *Kinship and Marriage*; J. Pitt-Rivers, *The People of the Sierra*; P. C. Lloyd, *Africa in Social Change*. American Museum source books in Anthropology should also be consulted on specific topics.

#### An100(a) Classes

In connection with Course An100. For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc., Soc. Psych.; B.Sc. (Econ.) Parts I and II.

#### An101 Race and Culture

Mrs D'Souza. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog.

**Syllabus** The evolution of man and the significance of human variations. Introduction to human ecology and the biological bases of behaviour and society. The nature, origin and development of culture.

**Essential reading** M. Day, *Fossil Man*; R. Fox, *Encounter with Anthropology*; S. Katz, *Biological Anthropology*; A. L. Kroeber and T. Parsons, *The Concepts of Culture and of Social Systems*; W. Robson (Ed.), *Man and the Social Sciences*; Kroeber and Kluckhohn, *Culture: a critical review of concepts and definitions*; S. F. Nadel, *The Foundations of Social Anthropology*; J. Pfeiffer, *The Emergence of Man*.

#### An101(a) Classes

In connection with Course An101.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog.

#### An102 Elementary Ethnography

Dr Morris and Dr Murray.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc. Psych.; Dip. Soc. Anth. 1st yr.

**Syllabus** The course will offer an introduction to cultural history and ethnography selected from several culture areas. A number of ethnographies will be considered in detail because of their intrinsic value and by way of example. **Recommended reading** will be given during the course.

#### An102(a) Classes

In connection with Course An102.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc. Psych.

### COURSES INTENDED PRIMARILY FOR SECOND- YEAR STUDENTS

#### An200 Studies of Kinship

Dr Woodburn and Dr Parry.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. Psych. 2nd yr., Soc. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Anth. 1st yr.; graduate students taking qualifying examinations.

**Syllabus** The analysis of institutions of kinship, marriage and the family.

**Essential reading** R. Fox, *Kinship and*

*Marriage*; M. Fortes, *Kinship and the Social Order*; J. Goody (Ed.), *The Developmental Cycle in Domestic Groups* (*Cambridge Papers in Social Anthropology*, No. 1); *The Character of Kinship*; E. R. Leach, *Rethinking Anthropology*; C. Lévi-Strauss, *Structural Anthropology: The Elementary Structures of Kinship*; A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*; R. Needham (Ed.), *Rethinking Kinship and Marriage*; J. Barnes, *Three Styles in the Study of Kinship*.

Further reading will be given during the course.

#### An200(a) Classes

In connection with Course An200.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr., Soc. Psych. 2nd yr.; B.Sc. (Econ.) Part II.

#### An201(i) Economic Institutions

Dr Loizos. Ten lectures, Michaelmas Term.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Anth. 2nd yr.; graduate students taking qualifying examinations.

**Syllabus** The cultural framework of different economic systems and their working; the economic organization of peasant and primitive production units; economic structure and kinship structure; property; trade, gifts, exchange and markets; the transition from subsistence to cash economies; systems of capital accumulation.

**Essential reading** R. Firth, *Primitive Polynesian Economy*; R. Firth (Ed.), *Themes in Economic Anthropology*; E. E. Le Clair and H. K. Schneider (Eds.), *Economic Anthropology*; J. M. Potter, M. N. Diaz and G. M. Foster, *Peasant Society*; M. Sahlins, *Stone Age Economics*; M. Bloch (Ed.), *Marxist Analyses and Social Anthropology*; H. K. Schneider, *Economic Man: the anthropology of economics*; M. Godelier, *Rationality and Irrationality in Economics*; G. Dalton (Ed.), *Tribal and Peasant Economies*; C. Forman, *The Raft Fisherman*.

#### An201(ii) Political Institutions

Mr. Selwyn. Ten Lectures, Lent Term.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr.; B.Sc. (Econ.) Part II;

Dip. Soc. Anth. 2nd yr.; graduate students taking qualifying examinations. **Syllabus** Political organization and political community; order and social control in non-centralised societies; power and sanctions; stratification and centralised power; patronage, networks, factions; plural society; political field and process.

**Essential reading** L. P. Mair, *Primitive Government*; A. Blok, *The Mafia of a Sicilian Village, 1860-1960*; F. Barth, *Political Leadership among Swat Pathans*; J. Goody, *Technology, Tradition and the State in Africa*; E. Kedourie, *Nationalism*; G. Balandier, *Political Anthropology*; P. Worsley, *The Third World*; A. Cohen, *Two-Dimensional Man*; M. Bloch (Ed.), *Political Language and Oratory in Traditional Society*; Plotnicov and Tuden, *Stratification in Africa*; J. Black-Michaud, *Cohesive Force*.

#### An201(a) Classes

In connection with Courses An201(i) and An201(ii).

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr.; B.Sc. (Econ.) Part II.

### COURSES INTENDED PRIMARILY FOR THIRD-YEAR STUDENTS.

#### An300 Magic and Religion

Dr La Fontaine and Mr McKnight. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Anth. 3rd yr., Soc. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Anth. 2nd yr.; graduate students taking qualifying examinations.

**Syllabus** Development of the anthropological study of religion, magic and morals. Ritual and symbolism. Sacrifice; magic; witchcraft; cargo and similar cults; shamanism; totemism; divination; ancestor worship. Religion and the structure of society.

**Essential reading** J. Middleton, *Lugbara Religion*; P. Worsley, *The Trumpet Shall Sound*; J. Middleton (Ed.), *Gods and Rituals: Readings in Religious Beliefs and Practices*; I. M. Lewis, *Ecstatic Religion*; M. Douglas, *Purity and Danger*; C. Lévi-Strauss, *Totemism*; F. Barth, *Ritual and Knowledge among the Baktaman*; V. Turner, *The Forest of*

*Symbols*; A. Richards, *Chisungu*; J. La Fontaine (Ed.), *The Interpretation of Ritual*. Further reading will be suggested during the course.

#### An300(a) Classes

In connection with Course An300. For B.Sc. c.u. main fields Soc. Anth. 3rd yr., Soc. 3rd yr.; B.Sc. (Econ.) Part II.

#### An301 Advanced Ethnography

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Anth. optional for 1st and 2nd yrs.

Any two of the following half-unit courses must be taken.

#### (i) Latin America: Lowlands

Dr Kaplan. Ten lectures, Michaelmas Term.

#### (ii) Latin America: Highlands

Mr Sallnow. Ten lectures, Lent Term.

**Syllabus** LATIN AMERICA (i) and (ii) Key topics of recent ethnographies of Lowland and Highland tribal societies will be analysed, including dualism, prescriptive marriage, kindred-based groups, shamanism and leadership, subsistence patterns, ceremonial feasts, ritual, myth and jungle ideologies. Recommended reading will be given during the course.

#### (iii) Madagascar

Dr Bloch. Ten lectures, Michaelmas Term.

**Syllabus** MADAGASCAR The Madagascar half of the course will deal with ethnographies of various peoples of Madagascar within the context of historical changes in Madagascar from the eighteenth century to the present day.

Recommended reading will be given during the course.

#### (iv) Hunters and Gatherers

Dr Woodburn. Ten lectures, Michaelmas Term.

**Syllabus** A discussion of the implications of recent anthropological research among hunting and gathering societies in Africa and India.

**Essential reading** HUNTERS AND GATHERERS: M. G. Bicchieri (Ed.), *Hunters and Gatherers Today*; R. B. Lee and I. DeVore

(Eds.), *Man the Hunter*; Kalahari Hunter-Gatherers; M. Sahlin, *Stone Age Economics*; E. R. Service, *Primitive Social Organisation: an Evolutionary Perspective*. Additional reading will be suggested during the course.

#### (v) Possible other areas:

Teaching may be available by arrangement at either University College or the School of Oriental and African Studies for the following ethnographic areas: East Africa, West Africa, Melanesia, India, South-East Asia.

#### An301(a) Classes

In connection with Course An301. For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Anth. optional for 1st and 2nd yrs.

#### An302(i) Anthropological Linguistics: Introduction to General Linguistics

Twenty-five lectures, Sessional. For B.Sc. c.u. main field Soc. Anth. 3rd yr. Optional for Dip. Soc. Anth. 2nd yr. This course will be taught in the Department of Language Studies. (See Course Ln100).

#### An302(ii) Anthropological Linguistics and Anthropological Problems

This course may not be available in 1977-78.

For B.Sc. c.u. main field Soc. Anth. 3rd yr. Optional for Dip. Soc. Anth. 2nd yr.

**Syllabus** The course will concentrate on (1) the nature of classification in various cultures; (2) the relationship of language form to types of social situations.

**Essential reading** Relevant parts of the following works will be indicated during the course: P. P. Giglioli (Ed.), *Language and Social Context*; J. Goody (Ed.), *Literacy in Traditional Societies*; J. J. Gumperz and D. Hymes (Eds.), *Directions in Sociolinguistics*; M. Bloch (Ed.), *Political Language, Oratory and Traditional Society*; B. Berlin and P. Kay, *Basic Color Terms*; R. Bauman and J. Sherzer, *Explorations in the Ethnography of Speaking*; B. Malinowski, *The Language of Magic and Gardening*

(*Coral Gardens and their Magic*, Vol. II); B. L. Whorf, *Language, Thought and Reality*; D. Hymes (Ed.), *Language in Culture and Society*; S. A. Tyler (Ed.), *Cognitive Anthropology*. Further reading will be given during the course.

#### An302(a) Classes

In connection with Courses An302(i) and An302(ii).

For B.Sc. c.u. main field Soc. Anth. 3rd yr. Optional for Dip. Soc. Anth. 2nd yr.

#### An303(i) Advanced Theory of Social Anthropology: Selected Topics in Anthropological Theory

Dr Bloch. Ten lectures, Michaelmas Term.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Anth. 2nd yr.; graduate students taking qualifying examinations.

**Syllabus** Types of explanation used in social anthropology. **Essential reading** F. Barth, *Models of Social Organization*; C. Lévi-Strauss, *The Savage Mind*; *The Scope of Social Anthropology*; R. Firth, *Essays on Social Organization and Values*; R. A. Manners and D. Kaplan, *Theory in Anthropology*; B. Wilson (Ed.), *Rationality*; R. Needham, *Structure and Sentiment*; J. Piaget, *Structuralism*; M. Bloch (Ed.), *Marxist Analyses and Social Anthropology*.

#### An303(ii) Advanced Theory of Social Anthropology: History of Social Anthropology

Dr La Fontaine and Dr Kaplan. Ten lectures, Lent Term.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Anth. 2nd yr.; graduate students taking qualifying examinations.

**Syllabus** The nineteenth-century background to the development of "social anthropology". The early posing and rephrasing of problems in kinship, religion, politics, morals, law and economics. The development of methods. Social anthropology and social theory: functionalist and conflict models of society. **Essential reading** R. H. Lowie, *History of Ethnological Theory*; A. R. Radcliffe-Brown, *Method in Social Anthropology*

(Ed. M. N. Srinivas); Sol Tax, "From Laitau to Radcliffe-Brown: A Short History of the Study of Social Organization" in F. Eggan (Ed.), *Social Anthropology of North American Tribes* (enlarged edn.); D. G. MacRae, "Darwinism and the Social Sciences" in S. A. Barnett (Ed.), *A Century of Darwin*; J. W. Burrow, *Evolution and Society*; T. Parsons, *The Structure of Social Action*; R. Aron, *Main Currents in Sociological Thought*; J. Rex, *Key Problems of Sociological Theory*; J. A. Barnes, *Three Styles in the Study Kinship*.

#### An303(a) Classes

In connection with Courses An303(i) and An303(ii).

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II.

#### An304 Social Aspects of Political and Economic Development

Dr Loizos and Mr Sallnow. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Admin., Overseas Option. Optional for Dip. Soc. Anth. 2nd yr. **Syllabus** MICHAELMAS Anthropological approaches to social change; evolutionism and structural functionalism; equilibrium, conflict and rational change models; social change and development. LENT The impact of a money economy on subsistence producers; responses to cash-cropping schemes; co-operatives; resettlement and its consequences; critiques of capitalist development; unequal exchange and the extension of dependency; the distinction between modernization and development.

**Essential reading** P. Mayer, *Townsmen or Tribesmen?*; A. Cohen, *Custom and Politics in Urban Africa*; F. Bailey, *Caste and the Economic Frontier*; P. Lawrence, *Road Belong Cargo*; Richards, Sturrock and Fortt (Eds.), *Subsistence to Commercial Farming in Present Day Buganda*; J. Goldthorpe, *The Sociology of the Third World*; E. Colson, *The Social Consequences of Resettlement*; P. Marris, *Loss and Change*; H. Bernstein (Ed.), *Underdevelopment and Development: the third world today*; P. Worsley (Ed.), *Two Blades of Grass*; R. Chambers, *Settlement Schemes in Tropical Africa*.

### An304(a) Classes

In connection with Course An304.  
For B.Sc. c.u. main field Soc. Anth. 3rd yr.;  
B.Sc. (Econ.) Part II. Optional for Dip.  
Soc. Anth. 2nd yr.

### SPECIAL

#### An400 A Programme of Ethnographic Films

Dr Woodburn and others.  
Sessional.

For all students, undergraduate and  
graduate, taking Anthropology as any  
part of their course.

### FOR GRADUATE STUDENTS

#### An500 Seminar on Anthropological Theory

Professor Lewis and others.  
Sessional.

For senior graduate students. Admission  
by permission.

#### An501 Thesis-Writing Seminar

Dr Parry and others. Sessional.  
For all graduate students currently  
engaged in preparing theses.

#### An502 Teaching Seminars

Dr Morris and Mr McKnight.  
Michaelmas and Lent Terms.

(i) For first-year Diploma students and  
(ii) for M.Phil. graduate students taking  
qualifying examinations.

#### An503 Special Research Seminars

Based on teachers' research interests. Open  
to graduate students and third year  
undergraduates with the agreement of  
their tutors and seminar organizers.  
Times to be arranged.

(i) Age and Sex as principles of social  
differentiation. Dr La Fontaine

(ii) Disaster situations (Cypriot  
refugees). Dr Loizos

(iii) Some topics in Borneo ethnography.  
Dr Morris

#### An504 Intercollegiate Seminar for Staff and Senior Graduate

**Students:**

**Shamanism**

Chairman: Dr Kaplan.  
Lent Term. At L.S.E.

Admission by permission of  
Seminar Chairman.

## Computing

See section for Mathematics, Statistics,  
Computing, Actuarial Science and  
Operational Research under "MS"

## Demography

### Dm100 Introduction to Demography

Mr N. H. Carrier. Twenty hours,  
Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u.  
main fields Maths., Stats., Comp., Act.  
Sci. 2nd or 3rd yr.; Dip. Stats.

**Syllabus** Sources and reliability of  
population statistics. Development of  
censuses and vital statistics. The inter-  
pretation of population statistics. The  
analysis of mortality, nuptiality and  
fertility.

**Recommended reading** GENERAL: A. M.  
Carr-Saunders, *World Population*;  
F. Lorimer and F. Osborn, *Dynamics of  
Population*; Royal Commission on  
*Population, Report* (Cmd. 7695); J. J.  
Spengler and O. D. Duncan (Eds.),  
*Population Theory and Policy: Selected  
Readings*; P.E.P., *World Population and  
Resources*.

**METHODS:** D. V. Glass, *Population Policies  
and Movements in Europe* (Appendix);  
I. Dublin, A. J. Lotka and M.  
Spiegelman, *Length of Life*; M. Spiegel-  
man, *Introduction to Demography*;  
U.K. Royal Commission on Population,  
*Selected Papers of the Statistics Committee*;  
J. J. Spengler and O. D. Duncan (Eds.),  
*Demographic Analysis: Selected Readings*;  
G. W. Barclay, *Techniques of Population  
Analysis*.

**SOURCES:** The General Reports of the  
various Censuses of England and Wales;  
The Registrar-General, *Statistical Review  
of England and Wales*; United Nations,  
*Demographic Yearbook*; United Kingdom,  
Interdepartmental Committee on Social  
and Economic Research, Guides to  
Official Sources, No. 2, *Census Reports of  
Great Britain, 1801-1931*; S.S.R.C., *The  
Population Census*.

References to articles and works of  
specialised interest will be given in the  
lectures.

### Dm100(a) Classes

Mr N. H. Carrier. Twenty classes,  
Michaelmas and Lent Terms.

### Dm101 Mathematics of Population Growth

Mr N. H. Carrier. Ten lectures,  
Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main  
fields Maths., Stats., Comp. 2nd or 3rd  
yr.; Dip. Stats.

Students will be expected to have attended  
Course Dm100 Introduction to Demo-  
graphy, and to possess some knowledge  
of the calculus and of linear algebra.  
**Syllabus** A study of certain aspects of  
stationary and stable populations with  
practical applications. Application of  
matrix algebra.

**Recommended reading** E. C. Rhodes,  
"Population Mathematics" (*Journal of the  
Royal Statistical Society*, 1940); United  
Nations Bureau of Social Affairs,  
*Population Studies*, No. 22, *Age and Sex  
Patterns of Mortality*; No. 25, *Methods of  
Population Projections by Sex and Age*;  
No. 26, *The Aging of Populations and its  
Economic and Social Implications*;  
N. Keyfitz, *Introduction to the  
Mathematics of Population*.  
Detailed references will be given as the  
course proceeds.

### Dm102 Elements of Demographic Analysis I

Mr Langford and Dr Thapar.  
Twenty hours, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main  
fields Geog., Soc., Soc. Psych.; M.Sc.  
**Syllabus** Sources and reliability of  
population statistics. The life table and  
its applications. Simple techniques of  
population projection. Cohort analysis.

The study of mortality, nuptiality and fertility. The effect of vital rates on age structure and population growth.

**Recommended reading** GENERAL: A. M. Carr-Saunders, *World Population*; Royal Commission on Population, *Report* (Cmd. 7695); P.E.P., *World Population and Resources*.

**METHODS AND SOURCES:** G. W. Barclay, *Techniques of Population Analysis*; P. R. Cox, *Demography*; B. Benjamin, *Health and Vital Statistics*; Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources*, No. 2, *Census Reports of Great Britain 1801-1931*; Census 1951, England and Wales, *General Report*; Census 1961, Great Britain, *General Report*; General Register Office, *Matters of Life and Death*, *Statistical Review of England and Wales* (especially the *Commentary* volumes of recent years); United Nations, *Demographic Yearbook* (especially the introductory text of successive volumes). Further references will be given in the lectures.

#### Dm103 Elements of Demographic Analysis II

Mr Langford and Dr Thapar.  
Ten hours, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog., Soc., Soc. Psych.; M.Sc.

#### Dm104 Population Trends and Policies

Professor Glass. Ten two-hour lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog., Soc., Soc. Psych.; M.Sc. Recommended for other graduate students.

**Syllabus** The growth and distribution of world population since 1800. Historical trends and territorial differentials in mortality. The course and levels of fertility. International migration. The contemporary demographic situation. The development of the small family. Family size and socio-economic characteristics. Stages of demographic and industrial development. The demographic problems of underdeveloped territories. Population theory and policy. A reading list and a selection of statistical data will be given at the first lecture in the course.

#### Dm104(a) Population Trends and Policies Class

Mr Langford. Michaelmas Term.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog., Soc., Soc. Psych.; M.Sc.

#### Dm105 Mathematical Techniques for the Manipulation and Analysis of Demographic Data

Mr N. H. Carrier. Twenty hours, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 2nd or 3rd yr.; Dip. Stats. Other students will be admitted only by permission.

**Syllabus** Manipulation of data classified by age and similar variables. The measurement of infant mortality and fertility. Mathematical models. **Recommended reading** will be given during the course.

#### Dm106 Demography Revision Class

Mr N. H. Carrier. Five classes, Summer Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; Dip. Stats.

### FOR GRADUATE STUDENTS

#### Dm110 Formal Demography

Mr Langford and Dr Thapar.  
Twenty hours, Michaelmas Term.  
For M.Sc.

**Syllabus** The construction and use of life tables and other indices of mortality. The concepts of stationary and stable populations. The measurement of fertility and replacement.

#### Dm111 The Collection and Analysis of Demographic Data on Underdeveloped Countries

Professor Brass and Mrs McIlroy.  
Sixty hours, Michaelmas and Lent Terms.

For M.Sc.

**Syllabus** The design of census-type inquiries. The content and design of census questionnaires. The structure of a census organization. Recruitment and training of field staff. Enumeration problems. The design of special inquiries for the determination of birth and death rates and of population growth. Processing

techniques and problems. Analysis of age-sex distributions. Estimation of fertility and mortality rates from census and survey data. Use of model life tables and stable population models.

**Recommended reading** U.N., *Handbook of Population Census Methods* (3 vols.); R. Blanc, *Manual of Demographic Research in Underdeveloped Countries*; Norma McArthur, *Introducing Population Statistics*; 1960 Census of Ghana, Volume V, *General Report*; 1965-66 School of Public Health, Turkey, *Vital Statistics from the Turkish Demographic Survey*; W. Seltzer, "Some Results from Asian Population Growth Studies" (*Population Studies*, Vol. XXII); W. Brass *et al*, *The Demography of Tropical Africa*; U.N., *Methods of Estimating Basic Demographic Measures from Incomplete Data* (*Population Studies*, No. 42, 1967); W. Brass, "Disciplining Demographic Data" (I.U.S.S.P. *Conference Proceedings*, 1969); U.N., *Principles and Recommendations for the 1970 Censuses* (Statistical Papers, Series M, No. 44, 1967).

#### Dm112 The Detection and Reduction of Errors in Demographic Data

Mr N. H. Carrier and Mrs McIlroy.  
Thirty hours, Lent and Summer Terms.

For M.Sc.

**Syllabus** Simple plausibility tests. Self-consistency and independent tests. The oblique axis ogive. The treatment of digital preference. Use of survivorship ratios. Under-enumeration at young ages and overstatement of age at old ages. Sex ratio tests. Testing birth and death registration. Application of stable and quasi-stable population models. **Recommended reading** N. H. Carrier and J. N. Hobcraft, *Demographic Estimation for Developing Societies*.

#### Dm113 Population Trends and Policies (Seminar)

Professor Glass, Mr Langford and others. Ten meetings, Michaelmas Term.

For M.Sc.

**Syllabus** Trends and patterns of mortality, marriage and fertility in both western and non-western societies.

#### Dm114 Design and Analysis of Investigations relating to Fertility and Birth Control (Seminar)

Professor Glass, Mr Langford, Dr Thapar and others. Ten meetings, Lent Term.

For M.Sc.

**Syllabus** Purpose and design of fertility surveys. The use of surveys in connection with the formulation and implementation of birth control programmes. Problems of questionnaire design in fertility and other demographic surveys.

#### Dm115 Techniques of Population Projection

Professor Brass. Five 1½ hour lectures, Summer Term.

For M.Sc.

**Syllabus** Aspects of population projections using the component method. The achievement of consistency between sub-categories when projections are made by sex and/or marital status. Predicting or projecting rates, especially through the use of relational models. The ideas of continuity in rates and the search for pattern through choice of different sub-categories. Time period versus cohort approaches.

#### Dm116 Internal Migration

Mrs McIlroy. Five 1½ hour lectures, Summer Term.

For M.Sc.

**Syllabus** The main concepts and definitions in internal migration analysis. Methods of estimating internal migration, with emphasis on intercensal techniques, especially for use with inaccurate data. The main questions on migration for inclusion in censuses, and the problems of utilisation of results from these questions. A brief survey of some migration theories and models.

#### Dm117 Techniques of Demographic Analysis

Dr Thapar. Fifteen hours, Michaelmas and Lent Terms.

For M.Sc.

**Syllabus** Examination, analysis and interpretation of data collected through censuses, vital registration and demographic surveys. **Recommended reading** will be given during the course.

### Dm118 Social and Demographic Problems in Medicine

Dr Douglas and Mr Wadsworth.  
Thirty lectures and classes,  
Sessional.

For M.Sc. and other graduate students.  
**Syllabus** Early studies of environment and health. The pattern of illness and growth related to demographic and social changes. High-risk groups in the population, problems of identification. Comparisons of the health of populations. Use of sociological methods in the study of disease. Introduction to sociological studies in medicine.  
**Recommended reading** will be given during the course.

## Economics

### I UNDERGRADUATE COURSES

#### Ec100 Economics A1

Mr Klappholz. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc., Soc. Psych.; optional for Dip. Soc. Plan.

In certain cases students can choose between courses Ec100 and Ec101.  
**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.

#### Ec100(a) Classes

Sessional.

#### Ec101 Economics A2

Dr Barr and Dr Whitehead.

Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.A./B.Sc. c.u. main field Geog.; B.Sc. S.S. and A. 1st yr.; Dip. Personnel Management; M.Sc. final yr. In certain cases students can choose between courses Ec100 and Ec101.

**Syllabus** This course gives a foundation in economic theory, primarily for 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, utility theory, cost curves, monopoly, external effects and public goods, theories of wages and labour supply, macro-economic equilibrium in the goods and money markets, unemployment, inflation, and the balance of payments.

**Recommended reading** The main textbook is either P. A. Samuelson, *Economics*, or R. G. Lipsey, *An Introduction to Positive Economics*. A useful introduction to the subject is M. Stewart, *Keynes and After*, or J. Robinson, *Economic Philosophy*.

#### Ec101(a) Classes

#### Ec102 Economics B

Professor Morishima. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II.

**Syllabus** From a unified point of view the course examines how the classical competitive economy, the mixed economy and the decentralised planning economy, work as self-contained systems. Naturally the price mechanism and fiscal and monetary policies will be the main items of the syllabus. In relation to them, also discussed are the social frameworks and historical background of the economics as well as the rational behaviour of the firms and households in socialist and capitalist environments. The dual structure of developing economies and other topics will be reviewed if time allows.

At the preliminary stage of learning economics which this course assumes, the students' greed for related subjects such as sociology, history, etc. as well as quantitative methods, must be encouraged.  
**Recommended reading** J. R. Hicks, *The Social Framework*; M. Morishima, *The Economic Theory of Modern Society*; P. A. Samuelson, *Economics*.

#### Ec102(a) Classes

Sessional.

#### Ec103 Quantitative Methods for Economists: Mathematics

Mr Nickell. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; M.Sc. preliminary yr.

**Syllabus** Simple curves and functions; vectors and matrices; differentiation including differentiation of functions of several variables; maximisation including maximisation subject to constraints; summation and integration; simple difference equations. Economic applications.

**Recommended reading** G. C. Archibald and R. G. Lipsey, *A Mathematical Treatment of Economics*.

Detailed reading will be given at the beginning of the course.

### Ec103(a) Classes

Note Students should also attend Course MS200 Quantitative Methods for Economists: Statistics.

### Ec104 Introduction to Mathematical Economics

Dr M. A. M. Smith. Twenty-five lectures, Sessional.  
For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr.

**Syllabus** An elementary treatment of basic principles of economics: the theory of markets and the actions of agents in these; simple monetary theory and macro-economic models. All formal propositions will be treated mathematically. This course covers roughly the material of Lipsey: Positive Economics using elementary mathematical tools.

**Recommended reading** R. G. Lipsey, *An Introduction to Positive Economics*.

### Ec104(a) Classes

#### Ec105 Economic Aspects of British Social Services

Dr Barr. Ten lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.; Dip. Soc. Admin.

**Syllabus** The objectives of state activity in the social services and the forms of state activity that are appropriate. Redistribution in cash and kind. The economics of education, health and housing, income redistribution, National Insurance, and non-contributory income support schemes.

**Selected reading** M. Friedman, *Capitalism and Freedom*, chaps. 2 and 6; J. E. Meade, "Poverty and the Welfare State", *Oxford Economic Papers*, 1972; M. Blaug, *Economics of Education 2*; K. Arrow, "Uncertainty and the Welfare Economics of Medical Care", *American Economic Review*, December 1963; J. M. Buchanan and C. M. Lindsay in British Medical Association, *Health Services Financing*; P. Albin and B. Stein, "The Constrained Demand for Public Assistance", *Journal of Human Resources*, Summer 1968; *Proposals for a Tax Credit System*, Cmnd. 5116, 1972; N. A. Barr, "Labour's Pension Plan: A Lost Opportunity?", *British Tax Review*, Nos. 2 and 3, 1975.

### Ec106 The Economics of the Labour Market with Special Reference to Unemployment

Dr Richardson. Ten lectures, Michaelmas Term.

For Dip. Personnel Management. Optional for B.Sc. S.S. and A. 2nd year. **Syllabus** Measures and definitions of unemployment; explanations of the level and structure of unemployment; policies to affect the level and structure of unemployment.

### Ec107 General Economics

Mr Marin.

Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main fields Geog. 2nd or 3rd yr., Maths., Stats., Comp.

Optional for B.Sc. S.S. and A. 2nd yr.

**Syllabus** This is a course of general economics for students with some training in elementary economics. It will concentrate on topics of a general nature (with examples based on the U.K.) including modern capitalism in relation to the operation of the price mechanism, government intervention in the economy, and some problems of economic growth and stabilisation.

An outline of the lecture course, class topics and a reading list will be distributed at the beginning of the course.

### Ec107(a) Classes

Twenty classes, Sessional.

### Ec108 Economic Principles

#### (i) Micro-Economic Theory

Mr de Meza.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. preliminary yr.

**Recommended reading** Main texts: D. Laidler, *Introduction to Microeconomics* and P. Bohm, *Social Efficiency*.

Detailed reading will be given at the beginning of the course.

#### (ii)(a) Classes

#### (ii) Macro-Economic Theory

Dr Perlman. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. preliminary yr.

**Recommended reading** M. Perlman, *Macro-Economics*; T. F. Dernburg and D. M. McDougall, *Macro-Economics*; M. G. Mueller (Ed.), *Readings in Macroeconomics*.

#### (ii)(a) Classes

### Ec109 Problems of Applied Economics

For B.Sc. (Econ.) Part II.

#### (i) Applied Micro-Economics

Dr Psacharopoulos. Twelve lectures, Michaelmas and Lent Terms.

Useful preliminary reading: E. J. Mishan, *Elements of Cost-Benefit Analysis*. Further reading will be given at the beginning of the course.

#### (i)(a) Classes

#### (ii) Applied Macro-Economics

Mr Marin. Twelve lectures, Lent and Summer Terms.

Useful background reading: S. Brittan, *Steering the Economy*; H. G. Johnson, "The Keynesian Revolution and the Monetarist Counter Revolution" *A.E.R.*, May 1971.

Detailed reading will be given at the beginning of the course.

#### (ii)(a) Classes

### Ec110 Economics Treated Econometrically

Mr Thomas. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II.

**Syllabus** The central themes running through both sections of this course are inflation, the formation of price expectations and their interactions. I *Macroeconomics* Theories of the causes of inflation. Cost-push v. demand-pull inflation. The Phillips curve and the Lipsey relationship. The role of trade unions in wage bargaining. The formation of price expectations and their influence on actual inflation. Short and long run Phillips curves. The 'natural' rate of unemployment. Policies to control inflation; wage and price controls, incomes policies. II *Microeconomics* Inflation and the labour market—the 'new' microeconomic theory of employment and inflation. Inflationary expectations and the prices of financial assets—the term structure of interest rates.

**Recommended reading** J. A. Trevithick and C. Mulvey, *The Economics of Inflation*; R. J. Ball and P. Doyle (Eds.), *Inflation*; E. S. Phelps et al, *Microeconomic Foundations of Employment and Inflation Theory*; J. B. Michaelson, *The Term Structure of Interest Rates*; F. Modigliani and R. J. Shiller, "Inflation, Rational Expectations and the Term Structure of Interest Rates", *Economica*, 40, February 1973, pp. 12-43.

### Ec110(a) Classes

#### Ec111 The History of Economic Thought

Lord Robbins. Thirty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. final yr. **Syllabus** The history of economic thought from Aristotle to the present day. Special attention will be paid to the period since 1776, including the monetary controversies of this period.

**Recommended reading** The set books by Ricardo and Marshall; M. Blaug, *Economic Theory in Retrospect*. Also: A. Monroe, *Early Economic Thought*; J. A. Schumpeter, *History of Economic Analysis*; H. W. Spiegel (Ed.), *The Development of Economic Thought*; G. S. L. Tucker, *Progress and Profits in British Economic Thought, 1650-1850*; W. Letwin, *The Origins of Scientific Economics*; R. W. Meek, *The Economics of Physiocracy*; H. Higgs, *The Physiocrats*; J. M. Clark and others, *Adam Smith, 1776-1926*; J. H. Hollander, *David Ricardo*; M. Bowley, *Nassau Senior and Classical Economics*; G. J. Stigler, *Production and Distribution Theories*; J. Viner, *Studies in the Theory of International Trade*; F. W. Fetter, *Development of British Monetary Orthodoxy, 1797-1875*; L. C. Robbins, *The Theory of Economic Policy in English Classical Political Economy*; Robert Torrens and the Evolution of Classical Economics; *The Theory of Economic Development in the History of Economic Thought*; D. P. O'Brien, *The Classical Economists*; T. W. Hutchison, *A Review of Economic Doctrines 1870-1929*; Erich Schneider, *Einführung in die Wirtschaftstheorie*, Vol. IV, *Geschichte der Wirtschaftstheorie*, 1. Band. A full guide to reading will be distributed at the beginning of the course.



### Ec111(a) Classes

Twenty classes, Michaelmas and Lent Terms.

### Ec112 Advanced Economic Analysis For B.Sc. (Econ.) Part II.

#### (i) Micro-Economics

Professor Scitovsky. Ten lectures, Michaelmas Term.

#### (ii) Macro-Economics

Dr Perlman. Ten lectures, Lent Term.

#### (iii) Capital Theory and Income Distribution

Dr Dougherty. Five lectures, Lent Term.

**Recommended reading** W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.); M. Blaug, *Economic Theory in Retrospect*; W. Breit and H. M. Hochman (Eds.), *Readings in Micro-Economics*; J. R. Hicks, *Value and Capital* (2nd edn.); H. G. Johnson, *The Two-Sector Model of General Equilibrium*; D. R. Kamerschen (Ed.), *Readings in Micro-Economics*; J. M. Keynes, *General Theory of Employment, Interest and Money*; A. Marshall, *Principles of Economics*; A. Leijonhufvud, *Keynesian Economics and the Economics of Keynes*; M. G. Mueller (Ed.), *Readings in Macroeconomics*.

### Ec112(a) Classes

Twenty classes, Michaelmas and Lent Terms.

### Ec113 Principles of Economics Treated Mathematically

Dr Glaister. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II; M.Sc. preliminary yr.

**Syllabus** Economic principles using elementary mathematical methods where appropriate. Consumer and producer theory, price determination, welfare economics. Macroeconomics: basic equilibrium theory, theoretical and empirical extensions, stability and growth.

**Recommended reading** J. M. Henderson and R. E. Quandt, *Microeconomic Theory*, 2nd edn.; W. J. Baumol, *Economic*

*Theory and Operations Analysis*; Branson, *Macroeconomic Theory and Policy*.

### Ec113(a) Classes

#### Ec114 Econometric Methods

Mrs Hornstein. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; Dip. Stats. (Note It will be assumed that the students attending this course either have taken Elementary Statistical Theory at Part I or at Part II.)

**Syllabus** Introduction to social accounting including problems of formulation and measurement. Methods of statistical estimation and inference in the linear regression model. Problems arising in simultaneous and dynamic economic models, illustrated by applied econometric work.

**Recommended reading** J. J. Thomas, *An Introduction to Statistical Analysis for Economists*; J. Kmenta, *Elements of Econometrics*; J. Johnston, *Econometric Methods* (2nd edn.); J. Stewart, *Understanding Econometrics*.

### Ec114(a) Classes

Twenty-five classes.

#### Ec115 Applied Econometrics

Dr Desai and Dr Wills.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; M.Sc. preliminary yr.

(i) Ten lectures, Lent Term for second-year students.

(ii) Twenty lectures, Michaelmas and Lent Terms for third-year students.

**Syllabus** Introduction to social accounting and measurement in economics. Index numbers. Discussion of the interpretation of econometric estimates, with computer applications.

**Recommended reading** will be given at the beginning of the course.

### Ec115(a) Classes

Five classes for second-year students.

### Ec115(b)

Five classes for third-year students.

### Ec116 Mathematical Economics I

Professor Morishima, Professor Hammond and Dr Pissarides.

Forty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; M.Sc. preliminary yr.

**Syllabus** Micro-economic principles; the theory of imperfect competition; macro-economic principles.

### Ec116(a) Classes

#### Ec117 Mathematical Economics II

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; M.Sc. preliminary yr.

#### (i) Applied Macro-Economics

Lecturer to be announced. Ten lectures, Lent Term.

For second-year students.

#### (ii) Applied Micro-Economics

Professor Hammond. Ten lectures, Michaelmas Term.

For third-year students.

### Ec117(a) Classes

#### Ec118 Seminar in Quantitative Economics

Professor Gorman.

Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.

### Ec119 Economics of Industry

Professor Yamey and Dr Richardson. Sessional.

For B.Sc. (Econ.) Part II.

This course surveys economic issues in the structure and practices of firms and industries, including vertical integration, concentration, specialisation and diversification, pricing policies, innovation and sales promotion. Government and the private sector.

A detailed reading list will be given at the beginning of the course.

### Ec119(a) Classes

#### Ec120 Theory of Business Decisions

Mr R. Rees.

Twenty-two lectures, Sessional.

For B.Sc. (Econ.) Part II.

**Syllabus** A selection from the following topics:

(a) Theory of decisions: the structure of decision problems. Rationality and Behaviourism. Linear problems. Probability, utility, uncertainty, dynamic planning, trees. Criteria for investment. Stock control. Layout and scheduling problems. Location. Special pricing systems. Insurance.

(b) Theory of organizations: Conflict and co-operation. Theory of games. Theory of teams. The aims of organizations. Division of labour, delegation, authority and communication. Review of particular administrative techniques, including administration charts, standard systems of organization, budgets, accounts, internal pricing systems. Predictive models of administrative action.

**Recommended reading** Main texts: W. Baumol, *Economic Theory and Operations Analysis* (3rd edn., chaps. 1-7, 12-19, 22-25); M. Alexis and C. Z. Wilson (Eds.), *Organizational Decision Making* (relevant parts); H. Raiffa, *Decision Analysis: Introductory Lectures on Choices under Uncertainty*.

**Further reading:** H. A. Simon, *The New Science of Management Decision*; A. Rapoport, *Games, Fights and Debates*, Part II; R. D. Luce and H. Raiffa, *Games and Decisions* (chaps. 1-7, 13); J. Marschak and R. Radner, *Economic Theory of Teams*, Part I; A. Etzioni, *Modern Organizations* or P. Blau and J. D. Scott, *Formal Organizations*; R. M. Cyert and J. G. March, *A Behavioural Theory of the Firm*; B. Carsberg and H. C. Edey, *Modern Financial Management*.

### Ec120(a) Classes

#### Ec121 Labour Economics

Dr Richardson. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II.

**Syllabus** Most of the following will be covered: 1 Labour supply: quantity (participation rates, hours); quality (education, training, migration, information) 2 Labour demand 3 Wage structure: by occupation, industry 4 Effects of unions on wages and resource allocation 5 Unemployment 6 Macro topics: wage adjustment, incomes policy 7 Income distribution 8 Policy questions e.g. strikes, efficiency in industrial relations, low pay, minimum wage legislation.

Recommended reading will be given at the beginning of the course.

#### Ec121(a) Twenty Classes

#### Ec122 The Economics of Public Finance

Professor Prest.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

**Syllabus** 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, wealth and the like. Analysis of fiscal policy and debt management, and discussion of problems of control of the economy. Central-local government financial relationships. 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.

**Recommended reading** A. R. Prest, *Public Finance in Theory and Practice* (5th edn.); R. A. Musgrave, *Fiscal Systems*; R. A. and P. B. Musgrave, *Public Finance in Theory and Practice*; R. A. Musgrave, *Theory of Public Finance*.

#### Ec122(a) Classes

#### Ec123 Selected Aspects of Public Finance

For B.Sc. (Econ.) Part II.

#### (i) Economic Aspects of Taxation, Poverty, and Redistribution

Students should attend first 8 lectures of course Ec128(iii)

#### (ii) Current Issues in Public Finance

Five meetings, Lent Term.

This course will not be given in 1977-78.

**Syllabus** A number of current issues of public concern will be discussed from the following: taxation and inflation, subsidies and policy towards nationalised industries, the taxation of North Sea oil; the taxation of multinational companies; wealth taxes, inheritance and estate duty; tax havens; fiscal harmonization within the EEC.

#### Ec124 Monetary Theory

Dr Pissarides. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

**Description of course** Characteristics of money. Demand for and supply of money. Monetarist and Keynesian theories of how money and expenditure influence economic activity. Targets, indicators and instruments of monetary policy.

**Recommended reading** J. R. Hicks, *Critical Essays in Monetary Theory*; D. Wrightman, *An Introduction to Monetary Theory and Policy*; E. Shapiro, *Understanding Money*; A. Bain, *The Control of the Money Supply*; A. Walters (Ed.), *Money and Banking*.

#### Ec124(a) Classes

Fifteen classes, Michaelmas and Lent Terms.

#### Ec125 International Monetary Economics

Professor Day. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II.

**Description of course** The course will primarily be concerned with international monetary theory, but will include some discussion of history and institutions.

**Recommended reading** L. B. Yeager, *International Monetary Relations*; J. E. Meade, *Balance of Payments*; H. G. Johnson, *International Trade and Economic Growth* (esp. chaps. 4 and 6); R. A. Mundell, *International Economics*; League of Nations, *International Currency Experience*; A. G. Ford, *The Gold Standard* (esp. chap. 1); R. Triffin, *Gold and the Dollar Crisis*.

#### Ec126 The British Monetary System

Mr Alford. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

**Syllabus** Banks and other financial intermediaries in the U.K.; the discount houses and specialised financial markets. Public sector debt and its management. Monetary policy and its problems. The role of money in the U.K.

**Recommended reading** *Report of the U.K. Committee on the Working of the Monetary System* (Radcliffe Report) (Cmd 827, 1959); A. D. Crockett, *Money*; J. R. S. Revell, *The British Financial System*;

N. G. Gibson, *Financial Intermediaries and Monetary Policy* (Hobart Paper 39); H. G. Johnson (Ed.), *Readings in British Monetary Economics*; For recent developments see *Bank of England Quarterly Bulletin*, *Midland Bank Review*, *The Banker* and *The Bankers' Magazine*.

#### Ec126(a) Classes

Fifteen classes, Michaelmas and Lent Terms.

#### Ec127 International Monetary Economics (Seminar)

Professor Day and Mr Dorrance. Lent Term.

For B.Sc. (Econ.) Part II.

**Description of course** It will primarily be concerned with international monetary history and institutions but will include some discussion of international monetary theory.

#### Ec128 Introduction to Economic Policy

For B.Sc. (Econ.) Part II.

#### (i) Macro-Economics Management

Dr Richardson. Ten meetings, Michaelmas Term.

**Syllabus** Targets, tools and indicators; the policy significance of unemployment, inflation, the balance of payments and growth. Budgetary policy, monetary policy, exchange rate policy, incomes policy; their use, effectiveness and problems since about 1960.

#### (ii) The Balance of Payments

Mr Dorrance. Ten meetings, Lent Term.

**Syllabus** U.K. balance of payments policy from about 1960. Interpretation of balance of payments accounts and their relationship to the external asset and liability position of the U.K. Analysis of the factors determining the current balance, overseas investment and other capital flows. Aims and methods of effecting these by official policy. The course will be closely related to developments in the U.K. over the period from 1960. Alternative international monetary regimes and their implications for balance of payments policy.

#### (iii) Economic Aspects of Taxation, Poverty and Redistribution

Dr Barr. Ten meetings, Michaelmas Term.

**Syllabus** The concept and meaning of income and poverty. Concepts, justification and methods of income redistribution. Discussion of existing sources of information on the distribution of income. Analysis of various types of income taxation and of various methods of providing and financing income support for the poor. Contributory and non-contributory income support schemes and their relation to the structure of income tax.

A reading list will be distributed at the beginning of the course.

#### (iv) Competition, Monopoly and Public Enterprise

Professor Yamey and others. Ten meetings, Lent Term.

**Syllabus** Selected issues in the analysis of monopoly and competition and of public policy towards monopoly and restrictive practices.

Public enterprise and its problems; its objectives and performance.

Reading for each section will be distributed during the course.

#### Ec129 International Economics

Dr Kuska and Mr Steuer. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

**Description of course** The course will cover the theory of comparative cost, tariff theory, customs unions, the benefits and costs of foreign investment and growth. In the second term, the monetary aspects of trade will be discussed; exchange rates, the use of monetary and fiscal policy to attain balance of payments and employment objectives, and problems of the international monetary system.

**Selected reading** R. E. Caves and H. G. Johnson (Eds.), *Readings in International Economics*; J. Bhagwati (Ed.), *International Trade*; R. N. Cooper (Ed.), *International Finance*.

**Recommended reading** will be given at the beginning of the course.

#### Ec129(a) Classes

Twenty classes, Michaelmas and Lent Terms.

**Ec130 Economic Development: Introduction to Development Economics**

Professor Myint. Twenty lectures, Michaelmas and Lent Terms. For B.Sc. (Econ.) Part II; M.Sc. final yr.; Optional for Dip. Soc. Plan. **Syllabus** Concepts and measurement of underdevelopment. The problem of efficient allocation of resources; choice of techniques and investment criteria; optimum prices of products and factors; population and labour force; financing development; public expenditure and revenue; characteristics of the agricultural sector in developing countries; contribution to development; capital accumulation; labour transfer, export earnings, import substitution; land tenure problems.

**Recommended reading** P. T. Bauer, *Dissent on Development; Economic Analysis and Policy in Underdeveloped Countries*; W. M. Corden, *Trade Policy and Economic Welfare*; Y. Hayami and V. W. Ruttan, *Agricultural Development and International Perspective*; U. K. Hicks, *Development Finance*; H. G. Johnson, *Economic Policies Toward Less Developed Countries*; S. Kuznets, *Modern Economic Growth*; G. M. Meier, *Leading Issues in Development Economics*; J. Mellor, *The Economics of Agricultural Development*; J. T. Morgan and G. W. Betz, *Economic Development Readings in Theory and Practice*; H. Myint, *The Economics of the Developing Countries*; H. Myint, *Economic Theory and the Underdeveloped Countries, Southeast Asia's Economy, Development Policies in the 1970's*; A. R. Prest, *Public Finance in Underdeveloped Countries* (2nd edn.); I. Little, T. Scitovsky and M. Scott, *Industry and Trade in some Developing Countries*; R. McKinnon, *Money, Capital and Economic Growth*; C. R. Frank, "Urban Unemployment and Economic Growth in Africa" (*Oxford Economic Papers*, July 1968); H. M. Southworth and B. F. Johnston (Eds.), *Agricultural Development and Economic Growth*; A. K. Sen, *Employment Technology and Development*; T. W. Schultz, *Transforming Traditional Agriculture*.

**Ec130(a) Classes**

Twenty classes, Michaelmas and Lent Terms.

**Ec131 Economic Institutions Compared**

Professor Wiles. Thirty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II.

**Description of course** Capitalism, classical Communism, Yugoslavia, the Kibbutz, the peasant.

**Recommended reading** M. Bornstein, *Comparative Economic Systems, Models and Cases*; R. L. Carson, *Comparative Economic Systems*; A. Nove, *The Soviet Economy*; B. Ward, *The Socialist Economy*.

Further reading will be given during the course.

**Ec131(a) Classes**

Ten classes, Lent Term.

**Ec132 Introduction to National Planning**

Professor Wiles and Dr Gomulka. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II.

**Description of course** The general theory and practice of detailed national planning: in France, U.S.S.R., underdeveloped countries.

**Recommended reading** B. Gross. (Ed.), *Action Under Planning*; P. J. D. Wiles, *The Political Economy of Communism*; S. Cohen, *Modern Capitalist Planning*; N. Ellman, *Soviet Planning Today*; D. Liggins, *National Economic Planning in France*; J. E. Meade, *The Controlled Economy*; B. Ward, *The Socialist Economy*; Mahbub-ul-Haq, *The Strategy of Economic Planning: A Case Study of Pakistan*.

Further reading will be given during the course.

**Ec132(a) Classes**

Ten classes, Lent Term.

For B.Sc. (Econ.) Part II only.

**Ec133 The Economics and Geography of Transport**

Professor Foster and Dr K. R. Sealy.

Twenty-three lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 3rd yr. Students take Section I and either Section II or Course No. Ec134. Also for M.Sc.

**Description of course: Section I** An introduction to the economics and geography of transport. The economics of highways, railways, road haulage and urban transport. Transport and spatial structure, introduction to network analysis, planning surveys. Further study of the transport industries. The application of cost benefit analysis to transport. Problems of pricing and analysis.

**Section II** Geography. Problems of site selection and development, environmental problems. Planning criteria and government policy. Land Use and Transportation surveys. Transport in developing countries.

**Recommended reading: Section I** K. M. Gwilliam, *Transport and Public Policy*; D. L. Munby, *Readings in the Economics of Transport*; E. J. Taaffe and H. L. Gauthier, *Geography of Transportation*; Alan Hay, *Transport and the Space Economy*; K. R. Sealy, *The geography of air transport* (2nd edn.); C. D. Foster, *The Transport Problem* (Revised Edition); A. J. Harrison, *Economics of Transport Appraisal*; J. M. Thompson, *Modern Transport Economics*; A. A. Walters, *The Economics of Road User Charges*.

**Section II** Report of the Commission on the Third London Airport (Roskill Commission) 1971; A. W. J. Thompson and L. C. Hunter, *The Nationalised Transport Industries*; R. Lane, T. J. Powell and P. Prestwood Smith, *Analytical Transport Planning*; E. K. Hawkins, *Roads and Road Transport in an Underdeveloped Country*; B. S. Hoyle (Ed.), *Transport and Development 1973*.

**Ec133(a) Classes**

Michaelmas and Lent Terms.

**Ec134 Transport Economics Treated Mathematically**

Dr Glaister. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 3rd yr. Students take this course or course No. Ec133 section II. Also for M.Sc.

**Syllabus** Consumer surplus, peak load pricing, congestion, urban transport models, queuing theory and traffic problems, demand analysis and forecasting. **Recommended reading** D. R. Cox and W. L. Smith, *Queues*; A. A. Walters in D. L. Munby, *Readings in the Economics of Transport*; W. J. Baumol and D. F. Bradford in *American Economic Review*

1970; T. A. Domencich and D. McFadden, *Urban Travel Demand*; P. R. Stopher and A. H. Meyburg, *Urban Transportation Modelling and Planning*.

**Ec135 Economic Applications of Game Theory**

Dr Dasgupta. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II.

**Syllabus** Exploration of different solution concepts, e.g. Core, Nash equilibrium, Pareto efficiency, Strong equilibrium, to problems of resource allocation. Specific attention will be given to problems of externalities. Students should also attend MS106(i) Games.

**Ec135(a) Classes**

Five classes, Lent Term.

**II GRADUATE COURSES (A) M.Sc. IN ECONOMICS**

**Ec150 Preliminary-Year Mathematics for Economists**

Dr Allingham. Sessional.

For M.Sc. preliminary yr.

**Syllabus** Vectors and matrices, linear equations, characteristic roots, differential and integral calculus, optimisation theory, differential equations, calculus of variations.

**Recommended reading** S. Glaister, *Mathematical Methods for Economists*.

**Ec150(a) Classes**

Sessional.

**Ec151 Preliminary-Year Statistics for Economists**

Mr Thomas. Sessional.

For M.Sc. preliminary yr.

**Description of course** Section I: Introduction, probability theory, frequency distributions. The binomial and normal distributions. Sampling theory. Estimation and hypothesis testing.

Section II: Correlation analysis. Simple linear regression. Multiple regression analysis. Time-series problems.

**Recommended reading** P. G. Hoel, *Elementary Statistics*; J. J. Thomas, *An Introduction to Statistical Analysis for Economists*; T. H. and R. J. Wonnacott,

*Introductory Statistics*; J. Johnston, *Econometric Methods*.

**Ec151(a) Classes**  
Sessional.

**Ec152 Preliminary-Year Micro-Economics**

Dr Hindley. Sessional.

For M.Sc. preliminary yr.

**Reading** Those students who have not studied economics before should ensure before taking this course that they are thoroughly acquainted with R. G. Lipsey, *An Introduction to Positive Economics* (2nd edn., parts 1-5). G. J. Stigler, *Theory of Price* (3rd edn.) and W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.), are good general texts.

**Ec152(a) Classes**  
Sessional.

**Ec153 Preliminary-Year Macro-Economics**

Mr Jackman. Sessional.

For M.Sc. preliminary yr.

**Reading** Those students who have not studied economics before should ensure before taking this course that they are thoroughly acquainted with R. G. Lipsey, *An Introduction to Positive Economics* (3rd edn., part 1 and parts 6-11). The main content of the course is to be found in T. F. Dernburg and D. M. McDougall, *Macro-Economics*, M. Perlman, *Macro-Economics*, and W. H. Branson, *Macroeconomic Theory and Policy*.

**Ec153(a) Classes**  
Eighteen classes, Michaelmas and Lent Terms.

**Ec154 Final-Year Mathematics for Economists**

Dr Kuska.

Twenty lectures, September, 1977.

For M.Sc. final yr.

**Description of course** The course will cover the following topics: an introduction to matrix algebra, partial differentiation, differentials, determinants, maximisation and minimisation, and the mathematical methods of comparative statics.

**Reading** Text for the course: E. A. Kuska, *Maxima, Minima, and comparative statics*.

Essential preliminary reading: a treatment of the differential calculus of one variable. Suitable expositions may be found in one of the following: T. Yamane, *Mathematics for Economists*, chaps. 1, 2 and 3 or A. Kooros, *Elements of Mathematical Economics*, chaps. 1-5 or R. G. D. Allen, *Mathematical Analysis for Economists*, chaps. 1-10. Course reading: E. A. Kuska, *Maxima, Minima and comparative statics*.

**Ec154(a) Classes**

Ten classes, September, 1977.

**Ec155 Final-Year Statistics for Economists**

Lecturer to be announced. Twenty lectures, September, 1977.

For M.Sc. final yr.

**Description of course** Descriptive statistics, probability theory, frequency distributions, the binomial and normal distributions, sampling theory, estimation, hypothesis testing, correlation analysis, simple linear regression, multiple regression analysis.

**Reading** J. J. Thomas, *An Introduction to Statistical Analysis for Economists*.

**Ec155(a) Classes**

Ten classes, September, 1977.

**Ec156 Final-Year Micro-Economics**

Professor Scitovsky and Mr

Nickell. Twenty, two-hour lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

**Description of course** 1 General equilibrium models: two-sector models and their properties. 2 Demand and supply curves - derivation, use and interpretation and empirical evidence. Derived demands and elasticity laws, measurements of the value of exchange. 3 Utility and household behaviour - properties of utility functions and intertemporal problems. Risk and utility. The permanent income hypothesis. 4 Production, technology and costs - feasible sets, the efficient frontier and the production function. Technical progress. Monopoly, oligopoly and imperfect competition. 5 Distribution and allocation - marginal productivity and the theory of wages. Monopsony. Labour supply. Theory of capital and interest.

**Selected reading** M. Friedman, *Price Theory - A Provisional Text*; J. R. Hicks, *Value and Capital*; G. J. Stigler, *The Theory of Price* (3rd edn.); H. G. Johnson,

*The Theory of Income Distribution*; J. R. Hicks, *A Revision of Demand Theory*; W. Breit and H. Hochman, *Readings in Micro-Economics*; H. Townsend, *Readings in Price Theory* (Penguin).  
Lecture notes are available.

**Ec156(a) Classes**

**Ec157 Introduction to Uncertainty Economics and Decision Models**

Mr Foldes. Ten lectures, Summer Term.

Optional for M.Sc. final yr. Micro-Economics; normally pre-requisite for course Ec173 (Theory of Optimal Decisions).

**Description of course** Information structure, probability and utility in decision models and games. Models of optimisation for individuals and governments. Uncertainty in models of markets and general equilibrium. Welfare and uncertainty. Selected applications, e.g. insurance, investment and information problems.

**Recommended reading** H. Raiffa, *Decision Analysis: Introductory Lectures on Choices under Uncertainty*; K. H. Borch, *The Economics of Uncertainty*; D. G. Champernowne, *Uncertainty and Estimation in Economics*, Vol. 3; E. Malinvaud, *Lectures on Micro-economic Theory* (parts); J. Marschak and R. Radner, *Economic Theory of Teams*, Part I; J. Tinbergen, *Economic Policy: Principles and Design*; K. J. Arrow, *Essays in the Theory of Risk-bearing*.

**Ec158 Final-Year Macro-Economics**

Dr Perlman. Forty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

**Description of course** Analysis of the classical and Keynesian models of income determination. The consumption function; the investment function; the demand and supply of money. The theory of economic policy. Wealth effects in a multiasset world. Financial intermediation; the term structure of interest rates. Macro problems of international trade and capital transactions. Inflation theory. Inflation and unemployment. Adjustments in a world of uncertainty and transactions costs.

**Selected reading** Lecture notes H. G. Johnson, *Macroeconomics and Monetary Theory*; J. M. Keynes, *The General Theory*

*of Employment, Interest and Money*; D. Patinkin, *Money, Interest and Prices* (2nd edn.); J. G. Gurley and E. S. Shaw, *Money in a Theory of Finance*; M. J. Bailey, *National Income and the Price Level*; W. T. Newlyn, *Theory of Money*; H. G. Johnson, *Essays in Monetary Economics*; R. S. Thorn (Ed.), *Monetary Theory and Policy*.

**Ec158(a) Classes**

**Ec160 Methods of Economic Investigation**

For M.Sc. final yr.

**(i) Econometric Theory and Case Studies**

Mr Nickell. Forty Lectures, Michaelmas and Lent Terms.

**Description of course** The purpose of this course is to present the more frequently used techniques of empirical investigation in economics. In addition to the methods employed, it illustrates the advantages and difficulties involved in their application.

**Recommended reading** C. F. Christ, *Econometric Models and Methods*; K. F. Wallis, *Introductory Econometrics; Topics in Applied Econometrics*; J. Kimenta, *Elements of Econometrics*.  
A detailed list of articles will be given at the beginning of the course.

**Ec160(a) Classes**

**(ii) Practical Applications**

Dr Hendry. Eight Lectures, Michaelmas and Lent Terms.

**Description of course** Computer estimation and analysis of econometric models.

**Ec161 Theory of Economic Growth**

Dr Ozga. Twenty lectures of one-and-a-half hours,

Michaelmas and Lent Terms.

For M.Sc. final yr.

**Description of course** General properties of models of economic growth. The characteristics of their paths of steady growth and the conditions of their convergence onto those paths. The concepts and the analysis of technical progress. Optimal growth. Management of exhaustible resources.

**Selected reading** E. Burmeister and A. R. Dobell, *Mathematical Theories of*

*Economic Growth*; A. K. Dixit, *The Theory of Equilibrium Growth*; F. H. Hahn and R. C. O. Matthews, "The Theory of Economic Growth: A Survey" (*The Economic Journal*, December 1964); H. G. Jones, *An Introduction to Modern Theories of Economic Growth*; R. M. Solow, *Growth Theory*; H. Y. Wan, *Economic Growth*.

#### Ec161(a) Classes

##### Ec162 Linear Economic Models

Dr Ozga. Twenty lectures of one-and-a-half hours, Michaelmas and Lent Terms. For M.Sc. final yr.

**Description of course** An introduction to linear programming, input-output and games theory. Static and dynamic production models and the von Neumann model. Application of activity analysis to economic theory.

**Selected reading** H. B. Chenery and P. B. Clark, *Interindustry Economics*; R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis*; D. Gale, *The Theory of Linear Economic Models*; G. Hadley, *Linear Programming*; D. C. Vandermeulen, *Linear Economic Theory*.

#### Ec162(a) Classes

##### Ec163 Turnpike Theorem and Related Topics

Dr Kuska. Six lectures, Summer Term.

For M.Sc. final yr.

**Description of course** The concepts and the analysis of efficient and optimal programmes of capital accumulation. Formulation and proof of a turnpike theorem.

##### Ec164 Theory of Investment Planning

Dr Dasgupta. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

For the paper *Advanced Economic Theory III*, this course must be combined with others.

**Description of course** Principles of Cost-benefit analysis. Optimality, duality and shadow prices. Incomplete rankings and quasi-optimality. Inter-temporal choices and discounting. Valuation of labour and

investment. Interest groups and feasibility constraints. Project evaluation, sensitivity analysis and quasi-optimal choices. **Suggested reading** United Nations, *Guidelines for Project Evaluation*; A. K. Sen, *Choice of Techniques*; G. M. Heal, *The Theory of Economic Planning*; I. M. D. Little and J. E. Mirrlees, *Project Appraisal and Planning for Developing Countries*; R. Layard (Ed.), *Cost-benefit Analysis*.

#### Ec164(a) Classes

Michaelmas and Lent Terms.

**Note** Welfare Economics and Political Conflicts. Students should attend course No. Ec284(i).

##### Ec166 Aggregative and Decentralized Planning

Dr Dasgupta. Ten lectures, Lent Term.

For M.Sc. final yr.

#### Ec166(a) Classes

Lent and Summer Terms.

#### Ec168 History of Economic Thought:

##### (i) Classical Economics

Professor Myint and Dr Perlman. Twenty lectures, Michaelmas and Lent Terms.

##### (ii) Economic Theory in Retrospect (Seminar)

Professor Myint, Professor Blaug and Dr Perlman. Sessional.

For M.Sc. final yr.

**Description of course** The course is concerned in the main with the writings of the classical and the neo-classical economists from Adam Smith to Alfred Marshall. It will consider issues of economic theory, policy and methodology. Emphasis will be given to the study of original texts.

**Selected general reading** M. Blaug, *Economic Theory in Retrospect*; D. P. O'Brien, *The Classical Economists*; J. A. Schumpeter, *The History of Economic Analysis*.

##### Ec169 Introduction to International Trade and International Monetary Economics

For M.Sc. final yr.

##### (i) Theory

Dr Hindley. Ten lectures, Michaelmas Term.

##### (ii) History and Institutions

Professor Day. Ten lectures, Michaelmas Term.

##### Ec170 International Trade Theory and Commercial Policy

Dr Hindley and Dr M. A. M. Smith. Fifteen lectures, Michaelmas and Lent Terms. For M.Sc. final yr.

##### Ec171 International Monetary Economics

Dr Kuska. Fifteen lectures, Michaelmas and Lent Terms.

##### Ec172 Seminar on International Trade and International Monetary Economics

Professor Scitovsky and Dr Hindley. Fifteen seminars, Michaelmas and Lent Terms. For M.Sc. final yr. Other students will be admitted only by permission.

##### Ec173 Theory of Optimal Decisions

Mr Foldes. Thirty lectures of one-and-a-half hours, Lent and Summer Terms.

This course will not be given in 1977-78.

For M.Sc. final yr.

##### Ec174 Labour Economics

For M.Sc. final yr. and other graduate students.

##### (i) Labour Supply and Demand, the Wage Structure and Trade Unions

Dr Richardson. Ten lectures, Michaelmas Term.

##### (ii) Micro-foundations of Aggregate Labour Market Behaviour

Dr Pissarides. Ten lectures, Michaelmas Term.

##### (iii) Income Distribution, Human Capital and Segmented Labour Markets

Dr Psacharopoulos. Ten lectures, Lent Term.

#### Ec174(a) Classes

Ten classes, Lent Term.

##### Ec175 Monetary Economics Seminar

Mr Alford and Dr Pissarides. Ten one-and-a-half hour meetings, Lent Term.

For M.Sc. final yr.

##### Ec176 Topics in Monetary Theory

Dr Pissarides. Ten meetings of one-and-a-half hours, Michaelmas Term.

For M.Sc. final yr.

**Recommended reading** M. Friedman, *The Optimum Quantity of Money and Other Essays*, chaps. 1, 2 and 5; *A Theoretical Framework for Monetary Analysis*; J. Tobin, "Friedman's Theoretical Framework", (*JPE* Sept./Oct. 1972) and "Inflation and Unemployment" (*AER*, March 1973); J. Hicks, *Critical Essays in Monetary theory*, chaps. 1-6.

##### Ec177 Applied Monetary Economics

Lecturer to be announced.

Ten lectures, Lent Term.

For M.Sc. final yr.

**Recommended reading** C. A. E. Goodhart, *Money, Information and Uncertainty*; H. G. Johnson *et al.* (Eds.), *Readings in British Monetary Economics*; A. A. Walters (Ed.), *Readings in Money and Banking* (Penguin).

##### Ec178 Welfare Analysis for Transport and Urban Economics

Dr Glaister. Five lectures, Michaelmas Term.

For M.Sc. final yr.

##### Ec179 Economics of Transport: Road and Rail

Professor Foster. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. main field Geog.; M.Sc. final yr.

## Ec180 Economics of Transport

### (i) Aviation

Professor Day. Five lectures, Lent Term.

For M.Sc. final yr.

**Syllabus** The applications of economics to aviation and airports. Airport pricing policy. Airport location studies.

### (ii) Shipping and Ports

Lecturer to be announced. Three lectures, Summer Term.

For M.Sc. final year.

**Syllabus** Cost structure, organization of shipping and demand; conferences and competition and government regulations. Technological change.

**Recommended reading** Rochdale Report; E. Bennathan and A. A. Walters, *The Economics of Ocean Freight Rates*.

## Ec179/180(a) Transport Economics (Class)

Sessional.

## Ec181 Transport Economics (Seminar)

Professor Foster and Dr Glaister. Fortnightly, Michaelmas and Lent Terms.

Presentation and discussion of papers by research students, staff members and visitors.

**Note** Students are also referred to course Ec134 Transport Economics Treated Mathematically (first five lectures), Ec197 Urban Theory.

## Ec182 The Economics of Public Finance

Professor Prest. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

**Description of course** The lectures will examine in detail the role of the public sector in the modern economy. This will lead to discussion of the interrelations between problems of public goods, externalities and cost benefit analysis, and the possible advantages of political solutions. Problems of the optimum supply of particular government services will also be discussed. Taxes on personal

and corporate income, outlay, value added and wealth will be analysed in detail.

**Selected reading** R. A. Musgrave, *The Theory of Public Finance*; R. A. Musgrave, *Fiscal Systems*; L. Johansen, *Public Economics*; A. S. Blinder, R. M. Solow et al, *The Economics of Public Finance*; A. R. Prest, *Public Finance in Theory and Practice*, 5th edn.; C. S. Shoup, *Public Finance*; J. Burkhead and J. Miner, *Public Expenditure*.

## Ec183 Seminar in Public Sector Economics

Professor Prest. Fortnightly, Sessional.

For M.Sc. final yr. Others may attend by permission of Professor Prest.

**Note:** Students taking Public Finance are also referred to Course no. Ec289.

## Ec184 Public Enterprise Economics

Professor Bös. Six lectures, Lent Term.

For M.Sc. final yr.

**Description of course** Pricing and investment policies of public enterprises.

## Ec185 The Economics of Multilevel Government

Dr Perlman. Five lectures, Lent Term.

For M.Sc. final yr.

**Description of course** The problems posed by different levels of government authority, e.g. the optimum multilevel structure of authority and the sort of fiscal relationships which should exist among the different levels of authority, both in terms of equity and the allocation of resources. A background reading in the theory of public goods and externalities will be very useful.

## Ec186 Economics of Industry

Professor Yamey. Twenty lectures of one-and-a-half hours, Michaelmas and Lent Terms.

For M.Sc. final yr.

**Description of course** 1 Analysis of the structure of industries: size-distribution of plants and firms; concentration; vertical integration; specialisation and diversification; conditions of new entry. 2 The economics of innovation in industry. 3 The relation between industrial structure, forms of competitive behaviour, and economic performance.

**Selected reading** G. J. Stigler, *The Organisation of Industry*; F. M. Scherer, *Industrial Market Structure and Economic Performance*; Goldschmid, Mann and Weston (Eds.), *Industrial Concentration: The New Learning*.

## Ec186(a) Classes

Ten classes, Lent Term.

## Ec187 Economics of Property Rights

Dr Hindley. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

**Syllabus** An introduction to the property-rights approach to industrial organization and the theory of the firm. Topics include (i) patents and copyrights (ii) new theories of the capitalist firm (iii) labour-managed firms.

## Ec188 The Economics of Less Developed Countries

Professor Bauer and Mr Steuer.

Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.; Dip. Soc. Admin. overseas option. Optional for Dip. Soc. Plan.

**Description of course** The relevance and limitations of economics. Characteristics of poor economies. Issues of concept and measurement. The vicious circle of poverty. Aspects of change. Varying degrees of integration between different markets and between different sectors of the economy. Balanced and unbalanced growth. International trade and development. Fiscal and monetary problems of development. Some specific issues of policy.

**Recommended reading** A. N. Agarwala and S. P. Singh, *The Economics of Underdevelopment*; P. Bairoch, *The Economic Development of the Third World Since 1900*; P. T. Bauer, *Dissent on Development*; \*P. T. Bauer, *Economic Analysis and Policy in Under-developed Countries*; W. M. Corden, *Trade Policy and Economic Welfare*; G. Ohlin, *Population Control and Economic Development* (O.E.C.D. Report, 1967); Y. Hayami and V. W. Ruttan, *Agricultural Development and International Perspective*; \*H. G. Johnson, *Economic Policies Toward Less Developed Countries*; \*S. Kuznets, *Modern Economic Growth*:

*Rate Structure and Spread*; \*W. A. Lewis, *Development Planning*; A. I. MacBean, *Export Instability and Economic Development*; I. Little, T. Scitovsky and M. Scott, *Industry and Trade in Some Developing Countries*; R. McKinnon, *Money, Capital and Economic Growth*; G. M. Meier, *Leading Issues in Development Economics*; \*H. Myint, *The Economics of the Developing Countries*; H. Myint, *Economic Theory and the Underdeveloped Countries*; *Southeast Asia's Economy, Development Policies in the 1970's*; A. R. Prest, *Public Finance in Underdeveloped Countries* (2nd edn.); T. W. Schultz, *Transforming Traditional Agriculture*. Starred items are basic reading. Further references will be given during the course.

## Ec189 Seminar on the Economics of Less Developed Countries

Professor Bauer and Professor Myint. Michaelmas and Lent Terms, in conjunction with Course Ec188. Admission will normally be restricted to graduate students working in this field and will be by permission of Professor Bauer or Professor Myint, to whom application should be made in writing.

## Ec190 Aspects of Economic Development (Classes)

Professor Myint and Mr Steuer. Fourteen classes, Lent and Summer Terms.

**Ec191 Soviet Economic Structure** Professor Wiles and Mr A. Smith. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr. Also suitable for undergraduates.

**Description of course** The changing institutional framework and mechanisms of the economy, 1917-64: their intellectual origins; the actual performance of the economy. Parallel problems in other communist countries.

**Recommend reading** N. Spulber, *The Soviet Economy*, 2nd edn.; P. J. D. Wiles, *The Political Economy of Communism*; H. Schwartz, *Russia's Soviet Economy*, 2nd edn.; *Political Economy* (the official Soviet textbook);

A. Nove, *Economic History of the USSR*.  
Further reading will be given during the course.

**Ec192 Economic Problems of the Communist World (Seminar)**

Professor Wiles and Dr Gomulka. Sessional.  
For M.Sc. final yr.  
Admission by permission of Professor Wiles or Dr Gomulka.

**Ec193 National Economic Planning: Command-type and Indicative**

**(i) Quantitative Methods**

Dr Gomulka. Twenty lectures, Michaelmas Term.  
For M.Sc. final yr.  
**Description of course** Aggregative, input-output and programming models. Convex programming, shadow prices and decentralised procedures. Methods of balances and the French FiFi model.

**(ii) The actual implementation of plans: the range of possible social and economic mechanisms**

Professor Wiles. Ten lectures, Lent Term.  
**Recommended reading** A. Brody and A. Carter (Eds.), *Contributions to Input-Output Analysis*, Vols. 1, 2; Ely Devons, *Planning in Practice*; R. Eckaus and K. Parikh, *Planning for Growth*; Bertram M. Gross, *Action under Planning*; L. Goreux and A. Manne (Eds.), *Multilevel Planning*; G. Heal, *The Theory of Economic Planning*; D. Liggins, *National Economic Planning in France*; P. Bauchet, *Planning, The French Experience*; C. Blitzer, P. Clark and L. Taylor (Eds.), *Economy-wide Models and Development Planning*; M. Bor, *The Aims and Methods of Soviet Planning*; A. Nove and D. M. Nuti (Eds.), *Socialist Economics*; A. Qayum, *Techniques of National Economic Planning*; N. Spulber and I. Horowitz, *Quantitative Economics Policy and Planning*.

**Ec194 Problems of Planning and Development (Seminar)**

Dr Gomulka and Professor Wiles. Sessional.

For M.Sc. final yr.  
Attendance is by permission of Dr Gomulka or Professor Wiles.

**Ec195 System Control, Stability and Game-Theoretic Approach to Planning**

Dr Zauberman. Fifteen lectures.  
For M.Sc. final yr.  
**Recommended reading** will be given at the beginning of the course.

**Ec196 Economics of Education and Manpower Planning**

Dr Psacharopoulos. Ten lectures, Michaelmas Term.  
For M.Sc. final yr.  
**Description of course** Principles of private and social educational choice. Education and income distribution. Screening. The contribution of education to economic growth. The brain drain. Education and employment. Economic models of educational planning.  
**Recommended reading** M. Blaug, *An Introduction to the Economics of Education*; G. Psacharopoulos, *Returns to Education*; P. R. G. Layard and G. Psacharopoulos, "The Screening Hypothesis and the Returns to Education", *Journal of Political Economy*, September/October 1974; A. Marin and G. Psacharopoulos, "Schooling and income distribution", *Review of Economics and Statistics*, 1976; E. Denison, *Why Growth Rates Differ?*; M. Blaug, *Education and the Development Problem in Developing Countries*; G. Psacharopoulos, "The macro-planning of education: A clarification of issues", *Comparative Education Review*, June 1975.  
**Note** Students are also referred to course Ec174(i) Labour Economics.

**Ec197 Urban Theory**

Dr Evans. Ten lectures, Michaelmas Term.  
This course will not be given in 1977-78.  
For M.Sc. final yr.  
**Syllabus** Production and consumption within an urban structure, alternative models of urban land use, of rent and of wage determination. Inter city trade. City growth and decline and the determination of optimal size. Public goods and externalities in the urban context. Functions of the public sector in cities.

Distributional aspects of urban decisions.  
**Recommended reading** E. S. Mills, *Urban Economics*; H. Perloff and L. Wingo (Eds.), *Issues in Urban Economics*; W. Thompson, *A Preface to Urban Economics*; A. W. Evans, *The Economics of Residential Location*.  
Further reading will be given during the course.

**Ec198 Topics in Urban Economics**

Dr Richardson, Mr Jackman and Dr Whitehead. Twelve lectures, Lent and Summer Terms.  
This course will not be given in 1977-78.  
For M.Sc. final yr.  
**Syllabus** (a) Urban labour markets. Urban employment and unemployment. Search and transport costs. Job and dwelling decentralisation. Dual labour markets. (b) Urban housing and planning. The nature of housing. Determinants of supply of new and existing housing. Effect of controls, density and zoning requirements. Determinants of demand and tenure choice. Price controls. Investment appraisal in housing. The relevance and use of economics in urban planning with housing examples. (c) Local government finance—local government as a producer of public goods. Role of finance in determining migration and city size. Local government taxation. Interaction between central and local government.  
**Recommended reading** will be given during the course.

**Ec199 Urban Economics (Seminar)**

Mr Jackman, Dr Richardson and Dr Whitehead. Fortnightly, Michaelmas and Lent Terms.  
For M.Sc. final yr. and others by arrangement.

**Ec200 Marx, Walras and Keynes in the Light of Contemporary Economic Analysis**

For M.Sc. final yr.

**(i) Marx's Economics**

Professor Morishima. Twenty hours, Michaelmas Term.  
**Syllabus** (I) Marx's micro-economics: Labour theory of value. Theory of exploitation. Transformation problem

and price theory. (II) Marx's theory of growth: One sector model. Two sector reproduction scheme. Law of relative surplus population.

**(ii) Marx, Keynes and Neo-classicals**

Professor Morishima. Twenty hours, Lent Term.  
**Syllabus** (I) Walras' growth theory: Walras' theory outlined; Neoclassical stability, Marxian saddle-point property and Harrodian knife-edge; the capital controversy. (II) Walras' theory of money: Walrasian prototype; quantity theory and the classical dichotomy; alternative theories of interest; Wicksellian cumulative process; Say's law. (III) Micro-foundations of Keynesian economics.  
**Note** Students who are interested in advanced economic theory are welcomed, but no advanced knowledge of mathematics is assumed. Necessary mathematics is taught in Classes.  
**Recommended reading** M. Morishima, *Marx's Economics*; P. A. Samuelson's article on Marxian economics; M. Morishima, *Theory of Economic Growth*; L. Walras, *Elements of Pure Economics*; J. M. Keynes, *The General Theory of Employment, Interest and Money*; M. Morishima, *Walras' Economics*; A. Leijonhufvud, *On Keynesian Economics and the Economics of Keynes*.

**Ec200(a) Seminar**

Twenty seminars.

**Ec204 Selected Topics in the Economics of European Integration**

Professor Wiles, Mr Dorrance, Professor Josling and others. Lent and Summer Terms.  
For M.Sc. final yr.  
**Description of course** A selection of the key economic issues in the process of European integration will be examined in depth. Students will be encouraged to follow one of these topics beyond class discussion in the form of a seminar paper to be presented in the seminar at the end of the course. The issues covered will include monetary union, customs union, fiscal harmonization, and agricultural policy. Company law and energy policy may possibly be discussed. The series of seminars at the end of the course will include both outside speakers and student presentations.

Recommended reading will be given at the beginning of the course.

### Ec205 Seminar on the Economics of European Integration

Chairman to be announced.

Lent Term.

For M.Sc. final yr.

### (B) M.Sc. IN ECONOMETRICS AND MATHEMATICAL ECONOMICS

#### Ec229 Seminar in Quantitative Economics for Preliminary-Year Econometrics

Professor Gorman and Professor Hahn. Sessional.

**Description of course** An introduction to the quantitative approach to economic problems.

#### Ec230 Preliminary-Year Econometrics (Class)

Dr Hendry. Sessional.

#### Ec231 Preliminary-Year Mathematical Economics Class

Dr M. A. M. Smith.

Sessional.

#### Ec232 Economics Seminar for Preliminary-Year Econometrics Students.

Dr Dasgupta. Michaelmas and Lent Terms.

#### Ec233 Graduate Seminar in Quantitative Economics

For M.Sc. final yr.

(i) Professor Sargan, Dr Desai and Dr. Wills. Michaelmas Term. For students taking Quantitative Economics I.

(ii) Professor Gorman. Lent Term. For students taking Quantitative Economics II.

Emphasis will be on the implications for economic theory and policy of work in quantitative economics. Students who have written extended essays will be given an opportunity to present them to this seminar.

**Recommended reading** R. Ferber, *Determinants of Investment Behaviour*; M. Friedman, *The Consumption Function*; C. Christ, *Measurement in Economics*; R. Stone, *A Programme for Growth*, Vols. 1-5; N.B.E.R., *Models of Income Determination*; J. S. Duesenberry, G. Fromm, L. R. Klein, E. Kuh, *The Brookings-S.S.R.C. Quarterly Econometric Model of the U.S. Economy*; A. Zellner, *Readings in Economic Statistics and Econometrics*; M. C. Mueller, *Readings in Macroeconomics*.

#### Ec234 Econometric Methodology for Quantitative Economics

Professor Sargan. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

**Description of course** More applied aspects of econometric methods. Dummy variables. Demographic variables. Instrumental variables with applications to permanent income hypothesis. Simultaneous equations systems with applications to production functions. Extraneous estimators and the combination of several samples. Covariance analysis.

**Recommended reading** as for Course Ec233.

#### Ec235 Aggregation

Professor Gorman. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

#### Ec236 Macro-Economic Models

Dr Desai. Ten hours, Summer Term.

For M.Sc. final yr.

#### Ec237 Advanced Mathematical Economics I

For M.Sc. final yr.

Students will be expected to be familiar with the work for the undergraduate paper Mathematical Economics I.

#### (i) Applications of Duality, Separability and Related Concepts

Professor Gorman. Fifteen lectures, Michaelmas and Lent Terms.

#### (ii) General Equilibrium Theory

Dr Dasgupta. Fifteen lectures, Michaelmas Term.

#### (iii) The Theory of Growth

Professor Morishima. Ten lectures of one-and-a-half hours, Lent Term.

#### Ec238 Advanced Mathematical Economics II

For M.Sc. final yr.

Available only to students taking Advanced Mathematical Economics I.

#### (i) Collective Choice

Students should attend course

No. Ec284(ii); it will be assumed

that they have also attended course

No. Ec284(i).

#### (ii) Special Topics in International Economics

Professor Hamada. Fifteen lectures, Michaelmas and Lent Terms.

#### (iii) Special Topics

Dr. Ostaszewski. Ten lectures.

Topic to be announced.

#### Ec239 Seminar in Mathematical Economics

Dr Dasgupta, Professor Gorman and Professor Hahn. Fortnightly, Sessional.

For M.Sc. final yr.

#### Ec240 Econometric Theory

Professor Sargan. Twenty-five lectures, Sessional.

For M.Sc. final yr.

**Description of course** Least squares, Aitken generalised, with lagged endogenous variables, heteroskedastic and autoregressive errors. Two-stage and three-stage least squares. Limited and full information maximum likelihood estimates.

**Recommended reading** P. Schmid, *Econometrics*; H. Theil, *Principles of Econometrics*; E. Malinvaud, *Statistical Methods of Econometrics*.

#### Ec240(a) Classes

Twenty-five classes, Sessional.

#### Ec241 Special Topics in Econometric Theory

Optional for M.Sc. final yr.

These courses are particularly recommended for students with a good knowledge of econometric theory.

#### (i) Non-Linear Techniques in Econometrics

Dr Hendry. Five lectures, Michaelmas Term.

**Description of course** Numerical methods for non-linear optimization.

#### (ii) Autocorrelation in Simultaneous Equations Systems

Dr Hendry. Ten lectures, Michaelmas and Lent Terms.

**Description of course** Vector autoregressive processes, appropriate estimators based on generalisations of two stage least squares and full information maximum likelihood.

#### (iii) Statistical Forecasting

Professor Sargan. Ten lectures, Lent and Summer Terms.

**Description of course** Parametric-model methods, e.g. Box-Jenkins/Kalman Theory. Exponential smoothings. State space formulations. Optimal control of linear models.

#### Ec242 Seminar in Econometrics

Professor Sargan and Professor Gorman. Fortnightly, Sessional.

For M.Sc. final yr.

### (C) M.Sc. IN REGIONAL AND URBAN PLANNING STUDIES

#### Ec260 Elements of Urban and Regional Economics

Dr Whitehead, Professor Day and Mr Jackman. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

#### (i) Theory

Determinants of residential and industrial location; city and regional growth and decline; government intervention; problems of externalities, the provision of local public goods, investment and output decisions, pricing,



taxation within an urban and regional context. Distributional aspects of urban and regional decisions. Inter-area trade.

**(ii) Applications**

1. Regional problems: Government policy towards regions and their consistency with national economic aims.

2. Cost-benefit principles – valuation, discounting and aggregation; cost-benefit analysis in urban planning.

3. Housing: the application of economic analysis to the housing market.

**Recommended reading Theory:**

H. Richardson, *Elements of Regional Analysis*; K. J. Button, *Urban Economics: Theory and Policy*.

Applications: G. McCrone, *Regional Policy in Britain*; P. R. G. Layard (Ed.), *Cost-Benefit Analysis*; L. Needleman, *Economics of Housing*.

Further reading will be suggested at the beginning of the course.

**Ec260(a) Classes**

Five classes, Michaelmas Term.

**Ec261 Seminar in Regional and Urban Economics**

Professor Day and Mr Jackman. Fifteen meetings, Lent and Summer Terms.

**Ec262 Economics Classes**

**III OTHER GRADUATE COURSES**

For courses intended primarily for M.Sc. students, see under the appropriate M.Sc. heading.

**Ec280 Money and Macro-Economics Workshop**

Mr Alford and Mr Jackman. Michaelmas and Lent Terms.

This workshop is for staff and graduate students working for the M.Phil and Ph.D. degrees, M.Sc. students by permission and invited outside speakers. It will cover general monetary and macro-economic theory and policy and also the empirical testing of such theory.

**Ec281 Workshop in Labour Economics**

Dr Psacharopoulos. Fortnightly, Lent Term.

For academic staff and research students. Optional for M.Sc. final yr.

The workshop will consider current research in Labour Economics.

**Ec282 Seminar for Research Students in Economics**

For all students registered for M.Phil. or Ph.D. degrees in Economics.

The seminar meets weekly throughout the academic year. 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. For suggestions or questions contact Mr Steuer.

**IV ADDITIONAL COURSES FOR UNDERGRADUATES AND GRADUATES**

**Ec283 Marxian Economics**

Professor Wiles and Dr Desai.

Twenty lectures. Lent and Summer Terms.

For graduate and undergraduate students specialising in economics.

**Description of course** The course is designed to cover the philosophical basis, the treatment of value and accumulation, and the nature of economic relationships in communist society in Marx and subsequent Marxian writers. The relevance of Marxian economics to the problems of modern capitalism and the third world will also be discussed.

**Recommended reading** K. Marx, *Capital*, Vol. 1; M. Desai, *Marxian Economic Theory*.

Further reading will be given at the beginning of the course.

**Ec284 Welfare Theory and Collective Choice**

**(i) Welfare Economics and Political Conflicts**

Professor Sen. Ten hours, Michaelmas Term.

**Description of course** This is an introductory, non-mathematical course on interpersonal and intergroup conflicts.

**Suggested reading** J. S. Mill, *On Liberty*; K. Marx, *Critique of the Gotha Programme*; I. M. D. Little, *A Critique of Welfare Economics*; J. de V. Graaff, *Theoretical Welfare Economics*; K. J. Arrow, *Individual Values and Social Choice*, (2nd edn.); A. K. Sen, *Collective Choice and Social Welfare* (unstarred chapters); J. Rawls, *A Theory of Justice*; R. Nozick, *Anarchy, State and Utopia*.

**(ii) The Theory of Collective Choice**

Professor Sen. Fifteen hours, Lent and Summer Terms.

**Description of course** This course will be concerned with recent developments in collective choice theory, and will be rather technical.

Course No. Ec284(i) is a pre-requisite.

**Suggested reading** K. J. Arrow, *Individual Values and Social Choice*, (2nd edn.); A. K. Sen, *Collective Choice and Social Welfare*; P. C. Fishburn, *Social Choice Theory*; P. K. Pattanaik, *Theory of Voting*; and journal articles to be specified during the course.

**Ec285 Seminar on Economic Inequality**

Professor Atkinson and

Mr Layard. Lent Term.

For graduate students and undergraduates.

**Ec286 Aspects of Income and Wealth Distribution**

Dr Shorrocks. Nine lectures, Michaelmas Term.

This course will not be given in 1977–78.

For graduate and undergraduate students.

**Ec287 Economics of Futures Trading**

Professor Yamey. Five lectures, Lent Term.

For graduates and undergraduates.

**Description of course** The characteristics of futures markets and futures contract;

hedging and speculation; futures trading and price movements.

**Ec289 Topics in the Economics of Social Security**

Dr Barr. Five meetings, Lent Term.

For graduate students and advanced undergraduates.

**Description of course** Selected issues in the economics of income support: (a) National Insurance (especially unemployment benefits and retirement pensions), (b) non-contributory schemes, (c) alternative methods of income support. Whenever possible the British and North American experience will be compared.

**Recommended reading** A reading list will be distributed at the start of the course.

**Ec290(i) Economics of Technological Change**

Dr Gomulka. Ten lectures, Michaelmas Term.

**Description of course** Measurement of technological change. Industrial research and development: organisation, nature and returns from. Size of firms, market structure and innovation. Innovation, investment and firm growth. Intrafirm, interfirm and international rates of diffusion: models and empirical tests.

**Recommended reading** E. Mansfield, *The Economics of Technological Change; Industrial Research and Technological Innovation*.

**Ec290(ii) Cultural and Institutional Factors in Technological Change**

Professor Wiles. Five lectures, Lent Term.

**Description of course** Why Britain led. Technical change and economic doctrine. The various reactions of other countries. International transfer under Capitalism and Communism. Intermediate technology. Military technology.

**Ec290(iii) Technical Change and the Dynamics of Long Term Growth**

Dr Gomulka. Five lectures, Lent Term.

**Description of course** Inventive possibility frontier and the optimal direction of technical change. Models of technical

change and growth. Hat-shape relationship. The Japanese technological strategy. The West European postwar upswing. Stages of development and the technological limits to growth. **Recommended reading** S. Gomulka, *Inventive Activity, Diffusion and the Stages of Economic Growth*. Further reading will be given at the beginning of the course. **Note** This course is particularly recommended for graduate and undergraduate students specialising in economics of industry, development, planning and international trade. Section (ii) recommended also to students specialising in economic history, and (iii) to those studying mathematical economics.

#### Ec291 Valuation of Intangibles

Professor Flowerdew. Five lectures, Lent Term.

For M.Sc. final yr.

**Description of course** How can money values be assessed for factors not bought or sold? Examples discussed on the course are time, recreation, health and pollution. **Recommended reading** P. R. G. Layard (Ed.), *Cost-Benefit Analysis*, chaps. 6, 7 and 8.

#### Ec292 Practical Problems in the Economics of Pollution

Mr Marin. Five lectures, Michaelmas Term.

For graduates and undergraduates.

**Syllabus** The choice of policies to control pollution and the role of damage and benefit functions.

References to readings will be given during the lectures.

## Economic History

### EH100 The Economic History of Great Britain and the U.S.A., 1850-1939

Mr Baines and Mr Potter.

Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc.

c.u. main fields Maths. 1st yr., Stats.

1st yr., Comp. 1st yr., Soc.

**Syllabus** The course will cover the major aspects of the British and American economies from the mid-nineteenth century until World War II.

**Recommended reading** W. Ashworth, *A Short History of the International Economy since 1850*; J. D. Chambers, *The Workshop of the World*; P. d'A. Jones, *The Consumer Society*; W. A. Lewis, *Economic Survey, 1919-1939*; J. Potter, *The American Economy between the World Wars*; R. S. Sayers, *A History of Economic Change in England, 1880-1939*; C. C. Spence, *The Sinews of American Capitalism*; W. M. Stern, *Britain Yesterday and Today*; P. Temin, *Causal Factors in American Economic Growth in the Nineteenth Century*.

**FOR REFERENCE** G. C. Allen, *British Industries and their Organisation* (1959 or 1961 edn.); H. C. Allen and C. P. Hill (Eds.), *British Essays in American History*; W. Ashworth, *An Economic History of England, 1870-1939*; A. C. Bolino, *The Development of the American Economy*; A. K. Cairncross, *Home and Foreign Investment*; T. C. Cochran and W. Miller, *The Age of Enterprise*; D. Dillard, *Economic Development of the North Atlantic Community*; J. H. Dunning and C. J. Thomas, *British Industry: Change and Development in the Twentieth Century*; E. J. Hobsbawm, *Industry and Empire*; M. A. Jones, *American Immigration*; P. Mathias, *The First Industrial Nation*; G. Porter, *The Rise of Big Business, 1890-1910*; The Royal Institute of International Affairs, *The Problem of International Investment*; H. N. Scheiber (Ed.), *United States Economic History: Selected Readings*; P. B. Trescott, *Financing American Enterprise*; H. F. Williamson (Ed.), *The Growth of the American Economy*.

#### EH100(a) Classes

Twenty-four classes, Sessional.

### EH101 Introduction to Modern English Economic History

Mr W. M. Stern. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; Trade Union Studies.

**Syllabus** The subject will be divided into three periods: from the discovery of the New World to the middle of the eighteenth century (in summary); the Industrial Revolution and its aftermath; the last hundred years. In each period the development of agriculture, industry, trade and transport will be traced against the background of population changes, economic thought and fluctuations, social organization and policy.

**Recommended reading** L. A. Clarkson, *The Pre-Industrial Economy in England, 1500-1750*; G. N. Clark, *The Wealth of England, 1496-1760*; M. D. George, *England in Transition*; T. S. Ashton, *The Industrial Revolution, 1760-1830*; W. H. B. Court, *A Concise Economic History of Britain from 1750 to Recent Times*; R. S. Sayers, *A History of Economic Change in England, 1880-1939*; G. Dangerfield, *The Strange Death of Liberal England, 1910-1914*; W. Johnson, J. Whyman and G. Wykes, *A Short Economic and Social History of Twentieth-Century Britain*. **FOR REFERENCE** T. S. Ashton, *An Economic History of England: The Eighteenth Century*; W. Ashworth, *An Economic History of England, 1870-1939*; J. H. Clapham, *Economic History of Modern Britain*; P. Mathias, *The First Industrial Nation*; S. Pollard, *The Development of the British Economy, 1914-1950*. Books on particular subjects will be recommended in the course of the lectures.

#### EH101(a) Classes

Twenty classes, Sessional.

### EH102 English Economic History in its European Background from 1603 to 1830

Professor John and Dr Earle.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc.

#### (i) 1603-1714

Dr Earle. Ten lectures.

**(ii) 1714-1830**

Professor John. Ten Lectures.  
Recommended reading will be given at the beginning of the course.

**EH102(a) Classes**

Twenty classes, Michaelmas and Lent Terms.

**EH103 Economic History of England from 1815**

For B.Sc. (Econ.) Part II; M.Sc.

**(i) 1815 to the 1880s**

Professor John. Ten lectures, Michaelmas Term.

**(ii) The 1880s and After**

Mr W. M. Stern. Ten lectures, Lent Term.

**Syllabus** Topics covered are population trends, economic growth and retardation, incomes, the growth of government intervention in the economy, agriculture, industry, transport, banking and finance, industrial relations and trade. Reading for each sub-period will be given at the beginning of the lectures relating to it.

**EH103(a) Classes**

Eight classes, Michaelmas and Lent Terms.

**EH103(b) Classes**

Professor Barker. Eight classes, Lent Term.

**EH104 The Social and Political Structure of Britain in the Nineteenth Century**

Professor John, Dr Erickson, Mr Baines and Dr L. Brown. Twenty lectures, Michaelmas and Lent Terms.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc.; M.Sc.

**Syllabus** The Population: disease and death; fertility and marriage; internal migration and urbanization; overseas emigration; Irish immigration. Social structure, occupations of the people and social mobility: on the land: landowners, farmers and labourers; in towns: businessmen, the working classes, women, immigrants, professional people. Institutions of Victorian Britain: the family,

friendly societies and building societies; the temperance movement; trades unions; the press; education; religion; structure of central and local government.

Social reform movements: social composition, methods and aims. Background of ideas; early English socialism; the classical economists; science and technology, imperialism.

**Recommended reading** R. D. Altick, *The English Common Reader, 1800-1900*; Michael Anderson, *Family Structure in Nineteenth Century Lancashire*; W. Ashworth, *The Genesis of Modern British Town Planning*; J. A. Banks, *Prosperity and Parenthood*; G. F. A. Best, *Mid-Victorian Britain*; A. Briggs, *The Age of Improvement*; *Victorian Cities*; (Ed.), *Chartist Studies*; H. L. Beales, *The Making of Social Policy*; W. L. Burn, *The Age of Equipoise*; O. Chadwick, *The Victorian Church*; S. G. Checkland, *The Rise of Industrial Society in England, 1815-85*; G. Kitson Clark, *The Making of Victorian England*; A. M. Carr-Saunders and P. A. Wilson, *The Professions*; S. D. Chapman (Ed.), *The History of Working-Class Housing*; J. Foster, *Class Struggle and the Industrial Revolution*; P. H. J. H. Gosden, *Self-Help: Voluntary Associations in the Nineteenth Century*; H. Grisewood (Ed.), *Ideas and Beliefs of the Victorians*; B. K. Gray, *Philanthropy and the State*; H. J. Hanham, *Elections and Party Management*; Brian Harrison, *Drink and the Victorians*; J. F. C. Harrison, *The Early Victorians*; M. Hewitt, *Wives and Mothers in Victorian Industry*; E. Hobsbawm, *Labouring Men*; P. Hollis, *The Pauper Press*; John Hurt, *Education in Evolution*; K. W. Inglis, *Churches and the Working Class in Victorian England*; R. Lambert, *Sir John Simon*; A. M. Lowndes, *The Silent Social Revolution*; D. Lockwood, *The Blackcoated Worker*; H. M. Pelling, *A History of British Trade Unions*; H. J. Perkin, *The Origins of Modern English Society, 1780-1880*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; H. A. Turner, *Trade Union Growth, Structure and Policy*; D. Roberts, *Victorian Origins of the British Welfare State*; D. Read, *Press and People, 1790-1850*; J. Saville, *Rural Depopulation in England and Wales, 1851-1951*; (Ed.), *Democracy and the Labour Movement*; N. Smelser, *Social Change in the Industrial Revolution*; F. M. L. Thompson, *English Landed Society in the Nineteenth Century*; J. J. Tobias, *Crime and Industrial Society in*

*the Nineteenth Century*; A. F. Weber, *The Growth of Cities in the Nineteenth Century*; M. Wright, *Treasury Control of the Civil Service, 1854-74*.

**EH104(a) Classes**

Twenty classes, Sessional.

**EH105 Economic Development of Western Europe after 1815**

Professor John and Mr W. M. Stern. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.

**Syllabus** This is an outline course on the economic development of Western Europe since 1815. Attention will be focused on changes in France, Germany, Holland and Belgium, but reference will also be made to developments in the other countries of the continent, excluding Russia. Much of the course will deal with the growth of industrialism before 1914 and its consequences; the latter part will be devoted to Europe during the inter-war years of the 20th century and the subsequent emergence of the European Economic Community.

**Recommended reading** will be given during the course.

**EH105(a) Classes**

Twelve classes, Sessional.

**EH106 Economic History of the United States of America**

**(i) 1790-1873**

Mr Potter. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II.

**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 U.S.A. and the outside world; Atlantic economy; trade and shipping; migration and capital importation; economic fluctuations.

**(i)(a) Classes**

Ten classes, Michaelmas Term.

**(ii) 1873-1929**

Dr Erickson. Ten Lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc.; M.A. (Area Studies).

**Syllabus** 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 economic consequences. Economic fluctuations.

**(ii)(a) Classes**

Ten classes, Lent Term.

**(iii) The U.S.A. since 1930**

Mr Potter and others. Summer Term.  
For B.Sc. (Econ.) Part II; graduate students.

**Syllabus** Economic and other aspects of the New Deal. The American economy since 1945.

Programme, dates and names of speakers will be available before the first meeting.

**Recommended reading** (i)-(iii) The most suitable work for this course is R. M. Robertson, *History of the American Economy* (3rd edn., 1973). Valuable introductory reading will be found in H. C. Allen and C. P. Hill (Eds.), *British Essays in American History* (1957); E. A. J. Johnson and H. E. Krooss, *The American Economy* (1961); F. Thistlethwaite, *The Great Experiment* (1955). Other useful textbooks include: W. E.

Brownlee, *Dynamics of Ascent, a History of the American Economy* (1974); S. Bruchey, *The Roots of American Economic Growth, 1607-1861*; L. E. Davis and others, *American Economic History* (1961); L. E. Davis and others, *American Economic Growth* (1972); E. C. Kirkland, *A History of American Economic Life*, (4th edn., 1969). Other works: R. Andreano (Ed.), *The Economic Impact of the American Civil War*; R. T. Berthoff, *British Immigrants in Industrial America, 1790-1950*; A. G. Bogue, *From Prairie to Corn Belt*; L. V. Chandler, *America's Greatest Depression, 1929-41*; A. W. Coats and R. M. Robertson, *Essays in American Economic History*; S. Coben and F. G. Hill, *American Economic History: Essays in Interpretation*; C. Danhof, *Changes in Agriculture in the Northern United States, 1820-70*; F. R. Dulles, *Labor in America*; C. J. Erickson, *Invisible Immigrants*; E. J. Ferguson, *The Power of the Purse*; A. Fishlow, *American Railroads and the Transformation of the Ante-Bellum Economy*; R. W. Fogel, *Railroads and American Economic Growth*; R. W. Fogel and S. L. Engerman, *Time on the Cross*; E. Frickey, *Economic Fluctuations in the United States, 1865-1914*; *Production in the United States, 1860-1914*; M. Friedman and A. J. Schwartz, *A Monetary History of the United States, 1867-1960*; P. W. Gates, *The Farmer's Age, Agriculture, 1815-1860*; C. L. Goodrich, *Government Promotion of American Canals and Railroads*; B. Hammond, *Banks and Politics in America from the Revolution to the Civil War*; R. Hofstadter, *The Age of Reform*; E. C. Kirkland, *Industry Comes of Age, 1860-1897*; H. B. Lary, *The United States in the World Economy*; P. McAvoy, *The Economic Effects of Regulation*; M. G. Myers, *A Financial History of the United States*; National Bureau of Economic Research, *Trends in the American Economy in the Nineteenth Century and Output*; *Employment and Productivity in the U.S. after 1800* (Studies in Income and Wealth, Vols. 24 and 30); C. P. Nettels, *The Emergence of a National Economy, 1775-1815*; D. C. North, *The Economic Growth of the United States, 1790-1860*; H. S. Perloff and others, *Regions, Resources and Economic Growth*; U. B. Phillips, *Life and Labor in the Old South*; G. Porter and H. Livesay, *Merchants and Manufacturers*; J. Potter, *The American Economy between the World Wars*; F. A. Shannon, *The Farmer's Last*

*Frontier*; Herbert Stein, *The Fiscal Revolution in America*; W. P. Strassman, *Risk and Technological Innovation*; R. Swierenga, *Pioneers and Profits*; G. R. Taylor, *The Transportation Revolution*; P. Temin, *Iron and Steel in Nineteenth-century America*; *The Jacksonian Economy*; Brinley Thomas, *Migration and Economic Growth*; W. P. Webb, *The Great Plains*.

#### **EH107 Social and Economic History of Western Europe, 1300-1700**

Dr Bridbury and Dr Earle. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Parts I and II. The syllabus is confined to England, France and the Low Countries. Recommended reading will be given during the course.

#### **EH107(a) Classes**

Twenty-four classes, Sessional.

#### **EH108 Economic History of England, 1216-1603**

Miss Coleman. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II. Syllabus Agriculture and the structure of agrarian society; the development and functions of towns; the organisation of industry; internal and foreign trade; royal finance and the role of government in economic affairs; demographic and social change.

Recommended reading will be given during the course.

#### **EH108(a) Classes**

Dr Bridbury. Twenty classes, Sessional.

For B.Sc. (Econ.) Part II.

#### **EH109 A Comparative Study of Modern Economic Development in Russia, Japan and India**

Professor Fisher and Dr Desai. Sessional.

For B.Sc. (Econ.) Part II. 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 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.

**Preliminary reading** A. Maddison, *Economic Growth in Japan and the U.S.S.R.*; M. E. Falkus, *The Industrialization of Russia, 1700-1914*; A. Nove, *An Economic History of the U.S.S.R.*; W. W. Lockwood, *The Economic Development of Japan*; A. J. Youngson (Ed.), *Economic Development in the Long Run*; D. R. Gadgil, *The Industrial Evolution of India*.

#### **EH109(a) Classes**

Ten classes, Michaelmas and Lent Terms.

#### **EH110 Economic History of Latin America since Independence**

Dr C. M. Lewis. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part II. Syllabus While examining themes which assume a continental dimension, emphasis will be placed upon a comparative study of the economic growth and development of Argentina, Brazil and Mexico during the nineteenth and twentieth centuries. The course will consider, amongst other factors, the nature of national economic change, the causes and consequences of incorporation within the international economy, and the economics of recent socio-political developments.

**Recommended reading** C. F. Diaz Alejandro, *Essays on the Economic History of the Argentine Republic*; R. Cortes Conde, *The First Stages of Modernization in Spanish America*; W. P. Glade, *The Latin American Economies*; C. Furtado, *The Economic Growth of Brazil*; C. Furtado, *The Economic Development of Latin America*; E. Perez Lopez, *Mexico's Recent Economic Growth*; J. R. Scobie, *Revolution on the Pampas*; C. W. Reynolds, *The Mexican Economy*.

#### **EH110(a) Classes**

Sessional.

#### **EH111 Introduction to Quantitative Methods in Economic History**

Mr Potter, Mr Thomas and Dr Desai.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; graduate students in Economic History. Syllabus and recommended reading will be given during the course.

#### **EH112 Economic and Social History of England, 1377-1485 (Classes)**

Miss Coleman and Dr Bridbury. For B.Sc. (Econ.) Part II.

#### **EH113 Economic and Social History of England 1660-1714 (Class)**

Dr Earle. For B.Sc. (Econ.) Part II.

#### **EH114 Economic and Social History of England 1830-1886 (Class)**

Professor John and Mr W. M. Stern. For B.Sc. (Econ.) Part II.

#### **EH115 Britain and the International Economy, 1929-1936 (Class)**

Mr Baines. For B.Sc. (Econ.) Part II.

#### **EH116 Problems in Quantitative Economic History (Class)**

Mr Baines and Dr Hendry. Fortnightly, Sessional. For B.Sc. (Econ.) Part II.

#### **EH117 Britain and the International Economy, 1919-1964 (Class)**

Mr Baines. For B.Sc. (Econ.) Part II.

#### **EH118 Economic History Discussion Class**

Mr W. M. Stern. Summer Term. For Trade Union Studies Course.

### **FOR GRADUATE STUDENTS**

#### **EH130 British Labour History, 1815-1939**

Mr Baines and others. Twenty lectures and classes, Sessional. This course will not be given in 1977-78.

For M.Sc. Other graduate students may attend by permission. Recommended reading will be given at the beginning of the course.

**EH131 History of Transport from the Turnpike to the Motorway**  
Professor Barker.

**Syllabus** This course will concentrate upon the contribution of transport improvement to economic and social change rather than narrowly upon transport modes themselves. The different functions of water (river, canal and coastal) and road transport in the pre-railway period will be briefly considered and the railways' role in performing both will be stressed. The work on railways by modern economic historians in Britain and America will be studied, as will the provision of public transport in the rapidly-growing towns of the nineteenth century. At least half the course will be devoted to the rise of the motor industry in Europe and America during the twentieth century and the development of road/rail competition first in passenger and then in goods traffic. The problems of urban transport and international aspects of transport, and in particular the competition between air and sea travel, will also be covered in their historical context.

**Recommended reading** D. H. Aldcroft, *British Transport since 1914*; P. S. Bagwell, *The Transport Revolution*; T. C. Barker and C. I. Savage, *An Economic History of Transport in Britain*; H. J. Dyos and D. H. Aldcroft, *British Transport*.

**EH132 The Sources and Historiography of the Economic History of England, 1350-1500 (Seminar)**

Miss Coleman and Dr Bridbury. Fortnightly, Sessional.

**EH133 The Sources and Historiography of the Economic History of England in the Seventeenth Century (Seminar)**

Dr Earle. Sessional.

**EH134 The Sources and Historiography of British Economic History, 1783-1850 and 1900-1950 (Seminar)**

Professor John and Mr W. M. Stern. Weekly, Sessional.  
For M.Sc. Other graduate students may attend by permission.

**EH135 Workshop in Economic History**

Professor John.

(i) Weekly, Michaelmas and Lent Terms.

For research degree students.

(ii) Weekly, Lent and Summer Terms.

For students studying for the Masters Degree.

**EH136 The Sources and Historiography of the Economic History of the U.S.A., 1890-1929 (Seminar)**

Mr Potter and Dr Erickson. Sessional.

For M.Sc. Other graduate students may attend by permission.

**EH137 Economic Growth Historically Considered (Seminar)**

Mr Falkus. Sessional.

This course will not be given in 1977-78.

Also for students offering this option for M.Sc.: Demography.

**EH138 Economic History of the Sixteenth and Seventeenth Centuries (Seminar)**

Professor Fisher. Fortnightly, Michaelmas and Lent Terms. At the Institute of Historical Research.

**EH139 Seminar on Modern Economic History**

Professor John and Mr W. M. Stern. Fortnightly, Michaelmas and Lent Terms. At the Institute of Historical Research.

**EH140 American Population from Colonial Times to the Present (Seminar)**

Mr Potter. Sessional.  
For M.Sc.; M.A. (Area Studies) and other interested graduate students.

**EH141 Economic History of the U.S.A., 1873-1939 (Seminar)**

Dr Erickson. Sessional.

For M.Sc.; and other interested graduate students.

**Syllabus** Both problems and achievements of the American economy during the period will be considered with attention to all sectors of the economy. There will be an opportunity to examine particular industries, one or two cities, regional patterns as well as economic aspects of reform movements of the period.

**EH1 Aspects of Latin American Economic History since Independence (Seminar)**

Dr C. M. Lewis. Sessional.

For M.Sc.; M.A. (Area Studies).

**Syllabus** The course will provide a survey of Latin American economic development through a discussion of general themes and an examination of national case-studies. Essentially chronological in structure, the following topics comprise the main areas of study: economic and social aspects of independence; Latin America's role in the international economy (immigration and slavery, foreign investment and trade); industrialization; impact of the inter-war depression; problems of growth; agrarian reform; regional economic integration. At a more conceptual level the various theories of economic growth and development will be considered, as will the debate regarding mono-production, 'economic imperialism' and import substitution.

**Recommended reading** R. F. Behrendt, *Economic nationalism in Latin America*; M. D. Bernstein, *Foreign investment in Latin America*; S. Collier, *From Cortes to Castro: an introduction to the history of Latin America, 1492-1973*; O. Delgado, *Reformas agrarias en América Latina*; D. K. Fieldhouse, *The theory of capitalistic imperialism*; A. G. Frank, *Capitalism and underdevelopment in Latin America* in C. Furtado, *Economic development of Latin America*; W. P. Glade, *The Latin American economics*; W. C. Gordon, *The Political economy of Latin America*; C. C. Griffin, *Los temas sociales y económicos en la época de la independencia*; K. Griffin, *The Political economy of agrarian change*; T. Halperin Donghi, *The aftermath of revolution in Latin America*; A. Krieger Vasena and J. Pazos, *Latin America; a broader world role*; J. Levin *The export economies; their pattern and development in historical perspective*; D. C. M. Platt, *Latin*

*America and British trade*; R. J. Ramos, *Labor and development in Latin America*; United Nations Organization, ECLA, *Foreign capital in Latin America*; C. Veliz, *Obstacles to change in Latin America*; S. Viljoen, *Economic systems in world history*; M. Wionczek, *Latin American economic integration*.

## Geography

Courses are given in the Joint School of Geography at the London School of Economics and at King's College, London. Academic arrangements are integrated and, in many courses, students may be taught in common by teachers of both colleges. However, the existence of college based syllabuses for the B.A. and B.Sc. degrees requires separate teaching provision for some of their courses. All students, including undergraduates registered for the B.Sc. (Econ.) degree, should note carefully the courses required to complete their specific degree requirements.

The Courses in this section of the Calendar are grouped according to the year in which they may be taken; 1st year, 2nd year and 3rd year. However, in the B.Sc. (Econ.) degree, some 1st year courses are available as outside options at Part II while, in the B.A. and B.Sc. degrees, some 2nd year options may be taken in the 3rd year. In Part II of the B.Sc. (Econ.) degree the required options are normally taken in the 3rd year.

Fieldwork is a compulsory requirement for all degrees in Geography. In addition to field courses arranged for a specific stage of undergraduate work, e.g. in the 1st year, some lecture courses have specific fieldwork requirements and other appropriate fieldwork projects may be approved for individuals. B.Sc. (Econ.) students are not required to undertake fieldwork until they reach Part II of the degree.

### FIRST YEAR COURSES

#### Gy100 Introduction to Human Geography

Professor Wise and Professor E. Jones. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Soc., Soc. Psych. 1st and 2nd yrs.

**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.

**Recommended reading** P. Ambrose, *Analytical Human Geography*; R. Arvill, *Man and Environment*; M. Chisholm, *Rural Settlement and Land Use*; M. Chisholm, *Geography and Economics*; M. Chisholm, *Human Geography, Evolution or Revolution*; R. J. Chorley and P. Haggett (Eds.), *Socio-Economic Models in Geography*; J. I. Clarke, *Population Geography*; R. E. Dickinson, *City and Region*; R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography*; P. Haggett, *Geography: a Modern Synthesis*; P. Haggett, *Locational Analysis in Human Geography*; J. H. Johnson, *Urban Geography*; R. Minshull, *The Changing Nature of Geography*; R. L. Morrill, *The Spatial Organisation of Society*; J. H. Paterson, *Land, Work and Resources*; W. Zelinsky, *A Prologue to Population Geography*; B. J. L. Berry, *Geography of Market Centres and Retail Distribution*; P. E. Lloyd and P. Dicken, *Location in Space*; B. Ward and R. Dubois, *Only One Earth*.

#### Gy100(a) Geography Classes

Dr Hamilton and others.

#### Gy101 Physical Geography

Mr D. K. C. Jones, Dr M. Jones and Dr Nortcliff. Sessional.

Compulsory for B.A./B.Sc. c.u. main field Geog. 1st yr.

**Syllabus** The course is concerned with landforms, weather and climate, and vegetation and soils. Basic principles, concepts and relationships between the different fields of physical geography are stressed. Three introductory lectures discuss scale, time and systems in physical geography, and are followed by:

##### I Landforms

**Syllabus** Global tectonics, mountain building and sea-level change. The nature of water and sediment transfers. The importance of climate, time, frequency and magnitude of events and climatic change on landform evolution.

**Recommended reading** M. Morisawa, *Streams*; A. Hallam, *A Revolution in the Earth Sciences*; B. W. Sparks, *Rocks and Relief*; M. Carson and M. A. Kirkby,

*Hillslope Form and Process*, Chs. 1-4; R. J. Chorley and P. Kennedy, *Physical Geography, a systems approach*; J. T. Wilson, *Continents Adrift*.

## II Meteorology and Climatology

**Syllabus** The atmosphere, its heat and moisture balance, global circulation, air masses and weather systems, local climates.

**Recommended reading** G. T. Trewartha, *An Introduction to Climate*; H. Riehl, *Introduction to the Atmosphere*; G. T. Trewartha, *The Earth's Problem Climates*; R. G. Barry and R. J. Chorley, *Atmosphere, Weather and Climate*; H.M.S.O., *A Course in Elementary Meteorology*; T. J. Chandler, *Modern Meteorology and Climatology*; M. Neiburger, T. G. Edinger and W. D. Bonner, *Understanding our Atmospheric Environment*.

## III Biogeography

**Syllabus** Biological history of the earth, ecosystems, world vegetation and soils, water ecosystems, pollution and conservation.

**Recommended reading** R. L. Donahue, *Soils*; C. S. Elton, *Animal Ecology* (1966 reprint); S. R. Eyre, *Vegetation and Soils*; E. P. Odum, *Ecology* (Modern Biology Series); *Fundamentals of Ecology* (1968); A. G. Tansley, *Britain's Green Mantle* (1968); W. D. Billings, *Plants, Man and the Ecosystem*; R. F. Drassmann, *Environmental Conservation*; J. P. Holdren and P. R. Ehrlich, *Global Ecology*.

#### Gy102 Human Geography

Professor Morgan, Dr Morgan and Dr Yates.

Forty-six lectures, Sessional.

Compulsory for B.A./B.Sc. c.u. main field Geog. 1st yr.

**Syllabus** An introduction to the field of human geography including a general study of the evolving relationship between man and his physical environment. Emphasis will be laid on modern approaches to locational analysis.

**Recommended reading** R. Arvill, *Man and Environment*; M. Chisholm, *Geography and Economics*; J. I. Clarke, *Population Geography*; P. Haggett, *Geography: a Modern Synthesis*; R. J. Johnston, *Spatial Structures*; E. Jones, *Human Geography*; J. H. Johnson, *Urban Geography*; H. H. McCarty and J. B.

Lindberg, *A Preface to Economic Geography*; R. L. Morrill, *The Spatial Organisation of Society*; C. M. Cipolla, *European Culture and Overseas Expansion*; C. O. Sauer, *Agricultural Origins and Dispersals*; E. M. Hoover, *Location of Economic Activity*; R. Abler, J. S. Adams and P. Gould, *Spatial Organisation: the Geographer's View of the World*; P. Ambrose, *Analytical Human Geography*; Open University, *Understanding Society and Social Geography*; C. T. Smith, *An Historical Geography of Western Europe before 1800*.

#### Gy103 Theory and Techniques of Spatial Analysis

Dr Spence, Dr Board and Dr Thornes. Forty classes of two hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II. Compulsory for B.A./B.Sc. c.u. main field Geog. 1st yr.

**Syllabus** An introduction to theoretical and quantitative geography: the spatial organisation of society: quantitative approaches to the analysis of urban, regional and physical systems, including statistical and mapping techniques.

**Recommended reading** B. J. L. Berry and D. F. Marble, *Spatial Analysis: a Reader in Statistical Geography*; P. Haggett, *Locational Analysis in Human Geography*; R. J. Chorley and P. Haggett, *Models in Geography*; R. Abler, J. S. Adams and P. Gould, *Spatial Organisation*; R. Morrill, *The Spatial Organisation of Society*; J. C. Doornkamp and C. King, *Numerical Analysis in Geomorphology*; M. R. Spiegel, *Theory and Problems of Statistics*; L. J. King, *Statistical Analysis in Geography*; R. J. Chorley and B. A. Kennedy, *Physical Geography: a systems approach*.

### SECOND YEAR COURSES

#### Gy200 Applied Spatial Analysis

Dr Frost and Dr Nortcliff. Sessional.

For B.A./B.Sc. c.u. main fields Geog. 2nd yr., Maths., Stats., Comp.; B.Sc. (Econ.) Part II.

**Syllabus** The practical application of quantitative methods of analysis, involving the description of spatial patterns; the measurement of spatial associations; methods of classification and regionalisa-

tion; calibration of spatial models.

**Recommended reading** B. J. L. Berry and D. F. Marble, *Spatial Analysis: A Reader in Statistical Geography*; L. J. King, *Statistical Analysis in Geography*; M. Dogan and S. Rokan (Eds.), *Quantitative Ecological Analysis in the Social Sciences*.

#### Gy201 Advanced Quantitative Geography

Dr Frost and Dr Nortcliff.

Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main fields Geog. 2nd yr., Maths., Stats., Comp.

**Syllabus** A review of the range of techniques relevant to quantitative analysis in human and physical geography. Special attention will be paid to the use of each technique in selected published geographical studies.

**Recommended reading** B. J. L. Berry and D. F. Marble, *Spatial Analysis: A Reader in Statistical Geography*; L. J. King, *Statistical Analysis in Geography*; M. Dogan and S. Rokan (Eds.), *Quantitative Ecological Analysis in the Social Sciences*.

#### Gy202 Advanced Cartography

Mr Lawrence. Fifteen lectures, Michaelmas and Lent Terms.

This course will not be given in 1977-78.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.

**Syllabus** The development of cartography; current trends in map making in Britain and in selected foreign countries.

**Recommended reading** J. B. Harley, *Ordnance Survey Maps: a descriptive manual*; J. S. Keates, *Cartographic Design and Production*; G. R. P. Lawrence, *Cartographic Methods* (for introductory reading); D. H. Maling, *Coordinate Systems and Map Projections* (selected chapters); A. H. Robinson and R. D. Sale, *Elements of Cartography*. *The Cartographic Journal* and the *International Yearbook of Cartography* are major sources of reference.

#### Gy202(a) Classes

Ten practical classes and field work will also be required.

#### Gy203 Geomorphology I

Dr Brunson, Dr Embleton and Dr Thornes. Forty-five lectures, Sessional

For B.A./B.Sc. c.u. main field Geog. 2nd yr.

**Syllabus** A study of the processes of landform sculpture under differing climatic and structural environments, and the techniques used in process investigations. This course will involve seminars, laboratory and field work.  
**Recommended reading** M. A. Carson and M. J. Kirkby, *Hillslope Form and Process*; L. B. Leopold, G. Wolman and J. P. Miller, *Fluvial Processes in Geomorphology*; C. Embleton and C. A. M. King, *Glacial Geomorphology*; C. Embleton and C. A. M. King, *Periglacial Geomorphology*; C. A. M. King, *Beaches and Coasts*; D. Carroll, *Rock Weathering of the Silicate Minerals*; A. Young, *Slopes*; K. J. Gregory and D. Walling, *Drainage Basin Form and Process*; R. U. Cooke and A. Warren, *Geomorphology in Deserts*; C. Ollier, *Weathering*.

#### Gy203(a) Classes

Ten classes of two hours in connection with Course Gy203.

#### Gy204 Biogeography: I

Dr Rose and Dr Yates. An intercollegiate course. At King's College.

This course will not be given in 1977-78.

Students wishing to take this course may take it in their third year.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.

**Syllabus** The structure and functioning of ecosystems. Productivity and its measurement. The description and analysis of vegetation communities. Environmental pollution and its various forms and remedies. Vegetation and soils. Plant and animal identification.  
**Recommended reading** E. P. Odum, *Fundamentals of Ecology*; W. D. Billings, *Plants, Man and the Ecosystem*; R. F. Dasmann, *Environmental Conservation*; K. Mellanby, *The Biology of Pollution*; D. Shimwell, *Description and Classification of Vegetation*; D. Watts, *Principles of Biogeography*; D. E. Reickle (Ed.), *Analysis of Temperate Forest Ecosystems*; K. A. Kershaw, *Quantitative and Dynamic Ecology*.

**Note** Two field weekends are a compulsory part of the course.

#### Gy205 Meteorology and Climatology

Dr M. Jones and Dr Atkinson.

Twenty-five lectures, Sessional. An intercollegiate course. At Queen Mary College.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.

**Syllabus** The basic principles of dynamic climatology including the energy budget, tropical and extra-tropical circulation systems; mesoscale systems and the general circulation of the atmosphere.

**Recommended reading** H. C. Willett and F. Sanders, *Descriptive Meteorology*; G. T. Trewartha, *The Earth's Problem Climates*; S. L. Hess, *Introduction to Theoretical Meteorology*; W. D. Sellers, *Physical Climatology*; E. Palmén and C. W. Newton, *Atmospheric Circulation*.

#### Gy205(a) Meteorology and Climatology (Classes)

In conjunction with Course Gy205.

#### Gy206 Man and his Physical Environment

Mrs Rees and Mr D. K. C. Jones.

Forty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 2nd yr.

**Syllabus** A study of the interaction between societies and the physical environment. The environment's effects on man including the study of natural hazards and the range of man's response to such events. Man's impact on the environment; pollution, conservation and resource management. An analysis of the physical, economic, social and political problems involved in environmental management.

**Recommended reading** R. Arvill, *Man and Environment*; I. Burton and R. W. Kates, *Readings in Resource Management and Conservation*; W. L. Thomas Jr., *Man's Role in Changing the Face of the Earth*; Barbara Ward and Rene Dubois, *Only One Earth*; F. Lane, *The Elements Rage*; A. Kneese and B. T. Bower, *Managing Water Quality*; T. R. Detwyler, *Man's Impact on Environment*; P. R. Ehrlich and A. H. Ehrlich, *Population, Resources and Environment*; J. Maddox, *The Doomsday Syndrome*; G. F. White, *Natural Hazards*.

#### Gy207 Economic Geography

Dr Frost, Mrs Rees and Dr Hamilton. Forty lectures and ten classes, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II.

**Syllabus** An introduction to the nature, scope and methods of economic geography; traditional and behavioural models and theories of the location of economic activities; the geographical implications of business organisation and government policy; regional economic growth and development.

**Recommended reading** R. Dorfman, *Prices and Markets*; R. H. T. Smith, E. J. Taaffe and L. J. King, *Readings in Economic Geography*; G. J. Karaska and D. F. Bramhall, *Locational Analysis for Manufacturing*; M. Chisholm, *Geography and Economics*; H. Boesch, *A Geography of World Economy*; M. Yeates, *An Introduction to Quantitative Economic Geography*; R. J. Chorley and P. Haggett (Eds.), *Socio-Economic Models in Geography*; P. E. Lloyd and P. Dicken, *Location in Space: a Theoretical Approach to Economic Geography*; A. R. Kulinski (Ed.), *Growth Poles and Growth Centres in Regional Planning*.

#### Gy208 Social Geography

Professor E. Jones and Dr B. S. Morgan. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II.

**Syllabus** A study of the patterns of socially defined societies and the underlying processes which reflect social and spatial interactions.

**Recommended reading** B. E. Coates and E. M. Rawstron, *Regional variations in Britain*; R. Frankenburg, *Communities in Britain*; B. Goodey, *Perception of the environment*; R. J. Johnston, *Urban residential patterns*; E. Jones, *Readings in social geography*; T. G. McGee, *The urbanisation process in the third world*; R. E. Pahl, *Readings in urban sociology*; J. Shepherd, J. Westaway and T. Lee, *A Social atlas of London*; D. M. Smith, *The Geography of social well-being*; E. Jones and J. Eyles, *Introduction to Social Geography*.

### Gy209 Urban Geography

Professor E. Jones and Dr Warnes. Twenty-three lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 2nd yr.

**Syllabus** Origins, growth and processes of urbanisation. Differentiation of city space related to function and society. The city in its external spatial and cultural relations. Spatial aspects of communities. The processes and patterns of social activities studied in terms of social space. **Recommended reading** B. Berry and F. E. Horton, *Geographical Perspectives on Urban Systems*; G. Breese, *Urbanization in Newly Developing Countries*; H. Carter; *Urban Geography*; R. M. Hauser and L. F. Schnore (Eds.), *The Study of Urbanization*; D. T. Herbert, *Urban Geography from a Social Perspective*; R. J. Johnston, *Urban Residential Patterns*; T. G. McGee, *The South-East Asian City*; L. Rodwin (Ed.), *The Future Metropolis*; G. Sjöberg, *The Pre-Industrial City*.

### Gy210 Population Geography and Resources

Dr Warnes. Twenty-five lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.

**Syllabus** The course will provide substantive knowledge of the factors influencing the distribution, size and change of populations at micro- and world scales, as well as an introduction to several important areas of geographic theory relating to population topics. There will also be instruction in the evaluation of data sources and in the use of descriptive and analytical methods applicable to the subject. Population as a resource, and the geographic implications of growing and declining populations, are examined.

**Recommended reading** P. R. Cox, *Demography*, Cambridge 1970; G. J. Demko, H. R. Rose and G. Schnell (Eds.), *Population Geography: A Reader*; J. A. Jackson (Ed.), *Migration*; D. J. Bogue, *Principles of Demography*; L. A. Kosinski and R. M. Prothero, *People on the Move*.

### Gy211 Historical Geography: British Isles

Dr Lambert. Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 2nd yr.

**Syllabus** The historical geography of the British Isles (with special reference to

England) from prehistoric times to the industrial revolution, illustrating the concepts, techniques and methods currently employed in the study of the subject.

**Recommended reading** H. C. Darby (Ed.) *A New Historical Geography of England before 1800*; W. G. Hoskins, *The Making of the English Landscape*; Sir Cyril Fox, *The Personality of Britain*; A. L. F. Rivet, *Town and Country in Roman Britain*; H. R. Loyn, *Anglo-Saxon England and the Norman Conquest*; J. Thirsk, *English Peasant Farming*; A. R. H. Baker and R. A. Butlin (Eds.), *Studies of Field Systems in the British Isles*; E. Kerridge, *The Agricultural Revolution*; G. E. Mingay and J. D. Chambers, *The Agricultural Revolution 1750-1880*; Sir John Clapham, *The Early Railway Age*.

### Gy211(a) Historical Geography (Class)

Dr Lambert. Twenty classes, Sessional.

### Gy212 General Political Geography

Lecturer to be announced. Sessional.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II.

**Syllabus** An introduction to the study of political geography. Political aspects of society—environment relationships studied at international, national and other appropriate levels. The relationships between political processes, organisation and decision making and geographical changes in social and economic conditions.

**Recommended reading** J. W. Burton, *World Society*; R. Keohane and J. Nye, *Transnational Relations and World Politics*; E. Soja, *The Political Organization of Space*; J. R. V. Prescott, *The Geography of State Policies*; C. A. Fisher (Ed.), *Essays in Political Geography*; W. A. D. Jackson, *Politics and Geographic Relationships*, first and second editions.

Periodical and other relevant literature will be suggested during the course.

### Gy213 Economic and Regional Geography of the British Isles

Professor Wise and others.

Forty-five lectures and classes, Sessional.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II.

**Syllabus** An appreciation of the conditions, physical, social and economic, that have influenced the modern pattern of settlement and land use. Special studies of selected industrial and agricultural areas. The modern economic geography of Britain, including distribution of population, location patterns of selected industries, evolution of the present pattern of land use.

**Recommended reading** L. D. Stamp and S. H. Beaver, *The British Isles*; J. B. Mitchell (Ed.), *Great Britain: Geographical Essays*; A. E. Trueman, *The Scenery of England and Wales*; U.K. Geological Survey and Museum, *British Regional Geology*; L. D. Stamp, *The Land of Britain: Its Use and Misuse*; Land Utilisation Survey of Britain, *The Land of Britain*; Wilfred Smith, *An Economic Geography of Great Britain*; T. W. Freeman, *Ireland*; E. G. Bowen (Ed.), *Wales*; A. E. Smailes, *North England*; B. E. Coates and E. M. Rawstron, *Regional Variations in Britain*; G. Manners, D. Keeble, B. Rodgers and K. Warren, *Regional Development in Britain*; J. W. Watson and J. B. Sissons (Eds.), *The British Isles*; J. T. Coppock and H. Prince (Eds.), *Greater London*; J. T. Coppock, *An Agricultural Atlas of England and Wales*; *An Agricultural Geography of Great Britain*; A. Edwards and A. Rogers (Eds.), *Agricultural Resources*; Clarendon Press, *Atlas of Britain*; E. Jones and D. J. Sinclair, *The Atlas of London* (1968); M. Chisholm and G. Manners (Eds.), *Spatial Policy Problems of the British Economy*; G. McCrone, *Regional Policy in Britain*; J. W. House (Ed.), *The U.K. Space: Resources, Environments and the Future*; P. Hall and others, *The Containment of Urban England*; D. Keeble, *Industrial Location and Planning in the United Kingdom*; J. Blunden, *The Mineral Resources of Britain*.

### Gy214 Europe I

Mr Sinclair. Twenty-five lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II.

**Syllabus** The geography of Europe, including examples from the British Isles and the European U.S.S.R. Macro-

regional units, their similarities and contrasts. Man and environment, resource use and deficiencies. Economic, demographic, social and political change in modern times. Regional growth strategies and planning, agricultural modernisation. Spatial trends in industrialisation. Processes and patterns of urbanisation. **Recommended reading** E. C. Marchant (Ed.), *The Countries of Europe as Seen by their Geographers*; G. W. Hoffman (Ed.), *A Geography of Europe*; A. Sømme (Ed.), *A Geography of Norden*; S. Barzanti, *The Underdeveloped Areas within the Common Market*; A. Emanuel (Ed.), *The Regional Factor in Economic Development*; J. R. Boudeville, *Problems of Regional Economic Planning*; J. T. Connor and W. L. Batt (Eds.), *Area Redevelopment Policies in Britain and the Countries of the Common Market*; O.E.C.D., *Structural Reform Methods in Agriculture*; R. Desclotres, *The Foreign Worker*; G. Schachter, *The Italian South*; O. Vanneste, *The Growth Pole Concept and Regional Economic Policy*; H. D. Clout (Ed.), *Regional Development in Western Europe*; H. D. Clout, *The Geography of Post-War France*.

### Gy214(a) Europe I (Seminar)

Ten seminars to be arranged in connection with course Gy214.

### Gy215 Africa I (General)

Professor Morgan and Professor Pugh. Twenty-five lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II.

**Syllabus** A study of the physical environment and of the distribution of man and his economic activities, especially of Tropical Africa. Treatment will be by topics and by countries.

**Recommended reading** A. M. O'Connor, *The Geography of Tropical African Development*; W. A. Hance, *The Geography of Modern Africa*; R. J. Harrison Church and others, *Africa and the Islands*; A. B. Mountjoy and C. Embleton, *Africa*; B. W. Hodder and D. R. Harris, *Africa in Transition*; R. Mansell Prothero (Ed.), *A Geography of Africa*; M. F. Thomas and G. W. Whittington, *Environment and Land Use in Africa*; A. M. Kamarck, *The Economics of African Development*; H. Miner (Ed.), *The City in Modern Africa*; Oxford



University, *Regional Economic Atlas of Africa*; R. P. Moss (Ed.), *The Soil Resources of Tropical Africa*; B. S. Hoyle and D. Hilling, *Seaports and Development in Tropical Africa*.

### Gy216 North America I: Geographical Patterns of Resources and Economic Development

Dr Estall and Dr K. R. Sealy. Twenty lectures, Michaelmas Term.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II.

**Syllabus** A systematic review of the changing physical and human resources of the continent; an analysis of modern developments and problems in leading sectors of the economy. Emphasis is placed throughout on national problems, such as the patterns of poverty or environmental concern, and on the implications of government activities.

**Recommended reading** R. C. Estall, *A Modern Geography of the United States*; Oxford Regional Economic Atlas, *The United States and Canada*; The Report of the Commission on Population Growth and the American Future, *Population and the American Future*; M. Clawson, *America's Land and its uses*; H. H. Landsberg, *Natural Resources for U.S. Growth*; D. J. Patton, *The United States and World Resources*; E. Higbee, *American Agriculture*; N. M. Hansen, *Rural Poverty and the Urban Crisis*; C. M. Green, *The Rise of Urban America*; S. B. Cohen (Ed.), *Problems and Trends in American Geography*; J. H. Cumberland, *Regional Development Experiences and Prospects in the United States*; R. J. Sampson and M. T. Farris, *Domestic Transportation*; J. B. Rae, *The Road and Car in American Life*; J. F. Stover, *The American Railroads*; W. F. Wacht, *The Domestic Air Transportation Network*, Univ. Chicago, Dept. Geography, Research Paper 154, 1975.

### Gy216(a) Classes

Five classes, Lent Term.

### Gy217 Latin America I: Pre-Industrial Societies

Dr Newson. Michaelmas Term.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II.

**Syllabus** This 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.

**Recommended reading** H. Blakemore and C. T. Smith, *Latin America: Geographical Perspectives*; C. Wagley, *The Latin American Tradition*; R. C. West and J. P. Augelli, *Middle America: its lands and its peoples*; W. T. Sanders and J. Marino, *New World Prehistory*; J. H. Steward and 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*; J. H. Parry, *The Spanish Seaborne Empire*; C. Prado, *The Colonial Background of Modern Brazil*; S. J. Stein and B. H. Stein, *The Colonial Heritage of Latin America*.

## THIRD YEAR COURSES

### Gy300 Geomorphology II

Dr Embleton and Mr D. K. C.

Jones. Thirty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.

**Syllabus** Chronological studies in geomorphology. Methods of dating and their limitations. Problems of landscape evolution illustrated by selected regional examples, with special reference to areas of the British Isles.

This course will involve some fieldwork. **Recommended reading** S. W. Wooldridge and D. L. Linton, *Structure Surface and Drainage in South-east England*; J. B. Sissons, *The Evolution of Scotland's Scenery*; R. G. West, *Pleistocene Geology and Biology*; E. H. Brown, *Relief and Drainage of Wales*.

### Gy301 Geomorphology III

Dr Brunsdon and Dr Thornes.

Twenty-five lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.

**Syllabus** Major conceptual developments in the field of geomorphology and especially in recent and contemporary research methodology.

**Recommended reading** R. J. Chorley, A. J. Dunn and R. P. Beckinsale, *The History of the Study of Landforms* (Vols. I and II); *Geomorphology before Davis*; C. Albritton, *The Fabric of Geology*; A. E.

Scheidegger, *Theoretical Geomorphology*; D. F. Harbaugh and F. Bonham-Carter, *Computer Simulation in Geology*; A. G. Wilson and M. J. Kirkby, *Mathematics for Geographers and Planners*; J. B. Thornes and D. Brunston, *Geomorphology and Time*.

### Gy302 Biogeography: II

Dr Rose and Dr Yates. An intercollegiate course. At King's College.

This course will not be given in 1977-78.

For B.A./B.Sc. c.u. main field Geog. 2nd or 3rd yr.

**Syllabus** The history of the fauna and vegetation of N.W. Europe from Cretaceous times. The relationship of the British Flora to that of the Continent. Geographical elements. Plant a real phenomena and plant dispersal and speciations. World ecosystems and vegetation.

**Recommended reading** H. Godwin, *History of the British Flora*; J. R. Matthews, *Origin and Distribution of the British Flora*; W. Pennington, *History of British Vegetation*; D. Valentine (Ed.), *Taxonomy, Phytogeography and Evolution*; R. D. Good, *The Geography of the Flowering Plants*; H. Walter, *Vegetation of the Earth*. **Note** Attendance at the vacation field class in Bio-geography is a compulsory part of the course. If this course is taken in the third year, the field course must be taken in the previous summer. An individual field study has to be presented in the form of a written report which counts towards the examination.

### Gy303 Climatic Change

Dr Leigh. Twenty lectures, Michaelmas and Lent Terms. An intercollegiate course. At Birkbeck College.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.

**Recommended reading** H. H. Lamb, *The Changing Climate*; *Proceedings of the UNESCO-WMO Symposium on Climatic Change in the Arid Zones* (UNESCO, 1962); R. Fairbridge (Ed.), *Solar Variations, Climatic Change and Related Geophysical Phenomena* (New York Academy of Sciences, 1961); A. E. M. Nairn (Ed.), *Problems in Palaeoclimatology*.

### Gy303(a) Climatic Change (Classes)

In conjunction with Course Gy303.

**Note** Teaching for other branches of Meteorology and Climatology will be provided at other colleges of the University and is open to all students. Not all courses will be available in any one session.

### Gy304 Soil Science

Dr Nortcliff. Twenty lectures, Michaelmas and Lent Terms. For B.A./B.Sc. c.u. main field Geog. 3rd yr.

**Syllabus** Soils as natural bodies formed by the interaction of environmental factors. The basic properties and processes. Genesis and distribution of important world soils. Soil distribution, soil classification and soil survey. The course includes practical field work.

**Recommended reading** N. C. Brady, *Nature and Properties of Soils*; E. W. Russell, *Soil Conditions and Plant Growth*; J. V. Drew, *Selected Papers in Soil Formation and Classification*.

### Gy304(a) Classes

Twelve classes in connection with Course Gy304.

### Gy305 Advanced Economic Geography

#### (i) Natural Resources

Mrs Rees. Twenty lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II.

**Note** B.Sc. (Econ.) students should take one of the three courses in Advanced Economic Geography.

**Syllabus** The nature of resources. Economic and actual methods of allocating and exploiting scarce resources. Role of government in resource allocation. Decision-making processes in resource development. Natural resources and economic growth. The factors, geographical, economic and political influencing the spatial distribution of production, trade and consumption of energy resources and minerals, and water supply.

**Recommended reading** M. Chisholm, *Geography and Economics*; I. Burton and R. W. Kates, *Readings in Resource*

*Management*; H. Boesch, *A Geography of World Economy*; H. L. Barnet and C. Morse, *Scarcity and Growth*; N. G. Ginsburg, *Essays in Geography and Economic Development*; P. R. Odell, *An Economic Geography of Oil*; P. R. Odell, *Oil and World Power*; E. S. Simpson, *Coal and the Power Industries in Postwar Britain*; G. Manners, *The Geography of Energy*; H. H. McCarty and J. B. Lindberg, *A Preface to Economic Geography*; K. Warren, *Mineral Resources*; J. Hirshleifer *et al*, *Water Supply: Economics, Technology and Policy*.

**Gy305(a) Advanced Economic Geography: (i) Natural Resources (Class)**

Mrs Rees. Five classes in connection with course Gy305.

**Gy306 Advanced Economic Geography: (ii) Agriculture**

Mr Sinclair and Professor Morgan. Twenty lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II.

**Note** B.Sc. (Econ.) students should take one of the three courses in Advanced Economic Geography.

**Syllabus** Concepts and methods in the geography of agriculture. The nature of agricultural resources: land, labour, capital and management. Agriculture and the market. The evolution, location and structure of agricultural systems. The diffusion of agricultural techniques. Competition for agricultural land. The role and status of agriculture in economic development.

**Recommended reading** W. B. Morgan and R. J. C. Munton, *Agricultural Geography*; A. Edwards and A. Rogers, *Agricultural Resources*; J. T. Coppock, *An Agricultural Geography of Great Britain*; J. Ashton and S. J. Rogers, *Economic Change in Agriculture*; W. C. Found, *A Theoretical Approach to Rural Land-Use Patterns*; W. Mansard, *Tropical Agriculture*; M. J. Stabler, *Agricultural Economics and Rural Land-Use*; C. Clark and M. Haswell, *The Economics of Subsistence Agriculture*; S. H. Franklin, *The European Peasantry*; T. W. Schultz, *Transforming Traditional Agriculture*.

**Gy306(a) Advanced Economic Geography: (ii) Agriculture (Class)**

Five classes in connection with course Gy306.

**Gy307 Advanced Economic Geography: (iii) Industry**

Dr J. E. Martin, Dr Estall and Dr K. R. Sealy. Twenty lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 3rd yr.

**Note** B.Sc. (Econ.) students should take one of the three courses in Advanced Economic Geography.

**Syllabus** The geography of industrial production in a modern economy. Industrial location in theory and practice. Transport networks, freight rate systems and their influence on location. The evolution and structure of industrial complexes. Empirical studies of specific industries and location decision processes.

**Recommended reading** E. M. Hoover, *The Location of Economic Activity*; R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography*; A. Weber, *Theory of the Location of Industries*; A. Lösch, *The Economics of Location*; E. M. Hoover, *Location Theory and the Shoe and Leather Industries*; D. M. Smith, *Industrial Location*; F. E. I. Hamilton, *Spatial Perspectives on Industrial Organization and Decision-making*; L. Collins and D. F. Walker, *Locational Dynamics of Manufacturing*; C. F. Pratten, *Economics of Scale in Manufacturing Industry*; G. J. Karaska and D. F. Bramhall, *Locational Analysis for Manufacturing: A Selection of Readings*; D. Keeble, *Industrial Location and Planning in the U.K.*; K. Warren, *The American Steel Industry 1850-1970*; K. Warren, *World Steel*; D. W. Heal, *The Steel Industry in Post War Britain*; L. J. White, *The Automobile Industry since 1945*; Alan Hay, *Transport and the Space Economy*; Ministry of Transport, *Traffic for Industry* (Summary Report, 1968); G. J. Murphy, *Transport and Distribution*.

**Gy307(a) Advanced Economic Geography: (iii) Industry (Class)**

Five classes in connection with course Gy307.

**Gy308 Advanced Social Geography**  
Professor E. Jones and Dr B. S. Morgan. Twenty-five lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II.

**Syllabus** A restricted number of topics will be examined in depth. They will include; the behavioural approach in geography; residential mobility, segregation and polarisation; planning and housing; planning and urban form; theories of urbanisation.

**Recommended reading** Bibliographies will be provided during the course.

**Gy309 Urban and Regional Systems**  
Mr Drewett and Dr Spence. Forty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog.; B.Sc. c.u. main fields Maths., Stats., Comp., 3rd yr.; B.Sc. (Econ.) Part II.

**Syllabus** The theoretical and technical aspects of the analysis of urban and regional systems. Use of developmental, interaction, decision-making and evaluation models in a planning context.

**Recommended reading** B. J. L. Berry and F. E. Horton, *Geographic Perspectives on Urban Systems*; G. Chadwick, *A Systems View of Planning*; M. Chisholm, A. E. Frey and P. Haggett (Eds.), *Regional Forecasting*; R. J. Chorley and P. Haggett (Eds.), *Models in Geography*; J. Friedmann and W. Alonso (Eds.), *Regional Development and Planning: A Reader*; P. Haggett, *Locational Analysis in Human Geography*; W. Isard, *Methods of Regional Analysis: An Introduction to Regional Science*; J. B. McLoughlin, *Urban and Regional Planning: A Systems Approach*; H. S. Perloff and L. Wingo (Eds.), *Issues in Urban Economics*; W. R. Thompson, *A Preface to Urban Economics*; A. G. Wilson, *Entropy in Urban and Regional Modelling*.

**Gy310 Historical Geography: Western and Central Europe**  
Dr Lambert. Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 3rd yr.  
**Syllabus** A study of the interrelations of man and his environment since prehistoric times with special reference to the part played by man's activities in adapting the landscape to his needs.

**Recommended reading** C. T. Smith, *Historical Geography of Western Europe*; *Cambridge Economic History of Europe*, Vol. 1, especially chaps. 1, 2, 3, 6 and 8; *Cambridge Medieval History of Europe*, Vol. I, chap. 13; Vol. V, chap. 5; Vol. VI, chaps. 14 and 15; Vol. VII, chaps. 8, 9 and 24; W. L. Thomas (Ed.), *Man's Role in Changing the Face of the Earth*; A. Mayhew, *Rural Settlement and Farming in Germany*; J. H. Clapham, *The Economic Development of France and Germany*; B. H. Slicher van Bath, *The Agrarian History of Western Europe, A.D. 500-1850*; A. M. Lambert, *The Making of the Dutch Landscape*; N. J. G. Pounds, *An Historical Geography of Europe 450 B.C.-A.D. 1300*; N. J. G. Pounds, *An Economic History of Medieval Europe*.

**Gy310(a) Classes**

Ten classes in connection with Course Gy310.

**Gy311 Political Geography: II The Political Geography of Western Europe**

Sessional.

This course will not be given in 1977-78.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; M.Sc. European Studies. Open to other students.

**Syllabus** The application of geopolitical concepts to Western Europe. The political geography of individual countries, especially members of the European Economic Community. Geopolitical aspects of integration.

**Gy312 Geography and Planning**  
Mr Diamond. Michaelmas and Lent Terms. An intercollegiate course.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; M.Sc.

**Syllabus** A study of the way in which, and the extent to which, town and country planning has affected the geography of Britain.

**Recommended reading** J. B. Cullingworth, *Town and Country Planning in England and Wales*; C. D. Buchanan, *Traffic in Towns*; P. J. O. Self, *Cities in Flood*; J. Ardill, *The New Citizen's Guide to Town and Country Planning*; J. H. Tetlow and A. Goss, *Homes, Towns and Traffic*; P. G. Hall, *Urban and Regional Planning*; G. McCrone, *Regional Policy in Britain*; H. Evans (Ed.), *New Towns: the British Experience*; G. Manners et al, *Regional Development in Britain*; M. E. Sant, *Industrial Movement and Regional Development*; P. Levin, *Government and the Planning Process*. References to official planning studies and to the periodical literature will be given during the course.

#### Gy312(a) Classes

In connection with Course Gy312.

#### Gy313 Europe II: Western Europe

Dr Yates, Mr Sinclair and Dr

J. E. Martin. Twenty lectures and five seminars, Sessional.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II.

**Syllabus** The contemporary geography of Western Europe viewed in an evolutionary, regional context. The physical, social and economic attributes of the 'new' Europe; the regional impact of political and economic integration. E.E.C. and E.F.T.A. Special studies of selected areas and problems chosen to exemplify major themes in the relationship between west European society and its environment.

**Recommended reading** C. T. Smith, *An Historical Geography of Western Europe*; G. Parker, *The Logic of Unity: An Economic Geography of the Common Market*; N. M. Hansen, *French Regional Planning*; I. B. Thompson, *Modern France: A Social and Economic Geography*; P. Pinchemel, *France: A Geographical Survey*; Institut d'Etudes Européennes, *Les Régions frontalières à l'heure du Marché commun*; R. Lee and P. E. Ogden, *Economy and Society in the E.E.C.*; Et. Juillard, *L'Europe Rhénane*; Ll. Saville, *Regional Economic Development in Italy*; H. D. Clout, *The Geography of Post-War France*; H. D. Clout (Ed.), *Regional Development in Western Europe*.

#### Gy314 Europe II: Eastern Europe

Dr Hamilton. Twenty-five lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II.  
**Syllabus** The political, social and economic legacies of history in Eastern Europe examined as a background to the analysis of national and regional planning for economic development and social progress. Planning organisation, resource use, location criteria and production characteristics are considered as major themes.

**Recommended reading** F. E. I. Hamilton, *Yugoslavia: Patterns of Economic Activity*; *Poland's Western and Northern Territories*; G. W. Hoffman (Ed.), *Eastern Europe: Essays in Geographical Problems*; R. E. H. Mellor, *Eastern Europe: A Geography of the Comecon Countries*; R. H. Osborne, *East-Central Europe: A Geographical Introduction to Seven Socialist States*; N. J. G. Pounds, *Eastern Europe*; D. Turnock, *Romania*.

#### Gy315 Africa II (West Africa)

Professor Morgan and Professor Pugh. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II. (Students take this course or course Gy316); B.A./B.Sc. c.u. main field Geog. 3rd yr.; M.A. (Area Studies); M.Sc.

**Syllabus** A detailed study of West Africa, more especially the spatial structure of its economy.

**Recommended reading** R. J. Harrison Church, *West Africa*; W. B. Morgan and J. C. Pugh, *West Africa*; H. P. White and M. B. Gleave, *An Economic Geography of West Africa*; P. R. Gould, *The Development of the Transportation Pattern in Ghana*; H. Kuper, *Urbanization and Migration in West Africa*; A. Mabogunje, *Urbanisation in Nigeria*; S. Amin, *Modern Migrations in West Africa*; Barry Floyd, *Eastern Nigeria*; S. Von Gnielinski, *Liberia in Maps*; J. I. Clarke, *Sierra Leone in Maps*.

#### Gy316 Spatial Policy Problems in South Africa

Dr Board. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (Students take this course or course Gy315); B.A./B.Sc. c.u. main field Geog. 3rd yr.  
**Syllabus** An examination of South Africa's

space economy and of the processes of regional development in the context of national and international policies.

**Recommended reading** L. P. Green and T. J. D. Fair, *Development in Africa: A Study in Regional Analysis with Special Reference to Southern Africa*; South Africa, Department of Planning, *Development Atlas*; J. Friedmann, *Regional Development Policy*.

#### Gy317 North America II: Regional Studies of Economic Growth and Change

Dr Estall and Dr K. R. Sealy. Twenty-five lectures and classes, Lent and Summer Terms.

For B.A./B.Sc. c.u. main field Geog. 2nd or 3rd yr.; B.Sc. (Econ.) Part II.  
**Syllabus** A broad review of regional disparities in economic structure and performance and some theoretical explanations thereof. A detailed analysis of the economic and social geography of selected regions and contrasting regional problems. An appraisal of government programmes for area development.

**Recommended reading** General texts: H. S. Perloff, E. S. Dunn, E. E. Lampard and R. F. Muth, *Regions, Resources and Economic Growth*; J. H. Paterson, *North America*; W. R. Mead and E. H. Brown, *The United States and Canada*; G. H. Dury and R. Mathieson, *The United States and Canada*; Special studies: R. C. Estall, *New England, A Study in Industrial Adjustment*; J. R. Ford (Ed.), *The Southern Appalachian Region: A Survey*; J. F. Hart, *The Southern United States*; L. M. Alexander, *The North Eastern United States*; J. Gottman, *Megalopolis*; J. H. Garland (Ed.), *The North American Midwest*; J. H. Cumberland, *Regional Development, Experiences and Prospects in the United States of America*; N. M. Hansen, *Rural Poverty and the Urban Crisis*; R. H. Durrenberger, *California: The Last Frontier*. For Canada: see P. Camu, E. P. Weeks and Z. W. Sametz, *The Economic Geography of Canada, with an Introduction to the 68-region System*; T. N. Brewis, *Regional Economic Policies in Canada*.

#### Gy318 Latin America II: Industrial Societies

Dr Newson. Twenty-five lectures, Michaelmas Term.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II.

**Syllabus** This course examines the origin, nature and evolution of industrial societies in Latin America. Special emphasis is placed on the economic and social problems associated with industrialisation.

**Recommended reading** H. Blakemore and C. T. Smith, *Latin America: Geographical Perspectives*; J. P. Cole, *Latin America: An Economic and Social Geography*; A. G. Frank, *Capitalism and Underdevelopment in Latin America*; C. Furtado, *The Economic Development of Latin America*; C. Furtado, *The Economic Growth of Brazil*; A. Gilbert, *Latin American Development*; D. B. Heath and R. Adams (Eds.), *Contemporary Cultures and Societies of Latin America*; K. Griffin, *Underdevelopment in Latin America*; J. Lambert, *Latin America: Social Structure and Political Institutions*; D. Preston and P. Odell, *Societies and Economies in Latin America*.

#### Gy319 The Soviet Union

Dr Hamilton. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 3rd yr.

**Syllabus** An introduction to the geographical aspects and problems of economic and social change in the U.S.S.R. since 1917. Emphasis is placed upon the aims, methods, processes and achievements of planning in bringing about a new geography of population, resource use, industry, agriculture, transport, urban and regional structure.  
**Recommended reading** S. Balzak, F. Vasyutin and Ya. Feigin, *Economic Geography of the U.S.S.R.*; V. Bandera and Z. Lew Melnyk, *The Soviet Economy in Regional Perspective*; J. P. Cole and F. C. German, *A Geography of the U.S.S.R.*; G. Demko and R. J. Fuchs, *Geographical Perspectives in the Soviet Union*; F. E. I. Hamilton, *The Moscow City Region*; D. J. M. Hooson, *The Soviet Union: A Regional Geography*; P. Lydolph, *A Geography of the U.S.S.R.*; R. Mathieson, *The Soviet Union*.

#### Gy320 Monsoon Asia

Mr Rawson. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 3rd yr.

**Syllabus** Studies of environment and society in the countries from Pakistan to Manchuria, inclusive. Treatment will be on a country and topic basis, with more detailed study of selected regions; some work on large-scale maps will be included. **Recommended reading** W. G. East and O. H. K. Spate (Eds.), *The Changing Map of Asia*; L. D. Stamp, *Asia*; O. H. K. Spate, *India and Pakistan*; F. R. Frankel, *India's Green Revolution*; E. H. G. Dobby, *South East Asia*; J. E. Spencer, *Asia East by South*; G. B. Cressey, *Land of the 500 Million, A Geography of China*; O. Lattimore, *Inner Asian Frontiers of China*; G. T. Trewartha, *Japan*; E. A. Ackerman, *Japan's Natural Resources*; A. Pim, *Colonial Agricultural Production*, B. H. Farmer, *Pioneer Peasant Colonization in Ceylon*; R. R. Rawson, *The Monsoon Lands of Asia*; B. W. Hodder, *Man in Malaya*; C. A. Fisher, *South-east Asia*; D. W. Fryer, *Emerging Southeast Asia*; P. P. Courtenay, *A Geography of Trade and Development in Malaya*; H. C. Hart, *New India's Rivers*; N. Ahmad, *The Economic Geography of East Pakistan*. Other literature will be suggested during the course.

#### **Gy322 Geography of Rural Settlement**

Twenty-five lectures, Sessional. An intercollegiate course. At Queen Mary College. For B.A./B.Sc. c.u. main field Geog. 3rd yr.

#### **FOR GRADUATE STUDENTS**

Courses Gy400–Gy403 are compulsory for students reading Geography for M.Sc. together with one other course from Gy404–Gy408. Students registered for M.Phil. and Ph.D are however normally expected to attend courses Gy400–Gy403 and if relevant to their interests courses from Gy404–Gy408. Other courses listed as Gy409–Gy411 are available for students reading for M.Phil., Ph.D. or Research Fee. In addition courses may be recommended for M.Sc. students, e.g. Gy452, Quantitative Methods

in Regional and Urban Planning Studies. Students should consult their supervisors in selecting courses which meet the specific requirements of their degree syllabus or course of study.

#### **Gy400 Geographical Concepts and Methods (Class)**

Mr Drewett and Dr Spence. Ten classes, Michaelmas Term. Students should also take Course Gy401.

**Syllabus** The philosophy and methodology of geography. The roles of inductive and deductive reasoning in scientific explanation. The structure of hypotheses and the development of theories and laws. The use of models, systems and model languages for geographical explanations. A review and evaluation of methodology and levels of explanation in geography.

**Recommended reading** D. Amadeo and R. G. Gollidge, *An Introduction to Scientific Reasoning in Geography*; H. M. Blalock, *Casual 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 and P. Haggett (Eds.), *Models in Geography*; R. Hartshorne, *Perspective on the Nature of Geography*; D. Harvey, *Explanation in Geography*; L. J. King, *Statistical Analysis in Geography*.

#### **Gy401 Contemporary Geographical Thought (Class)**

Dr Board and others. Fifteen classes, Michaelmas and Lent Terms.

Students should also take Course Gy400. **Syllabus** A critical review of continuity and change in contemporary geography, emphasising the development and influence of major schools in and approaches to geography since the publication of *The Nature of Geography*; the analysis of major trends discernible in published research, the impact of key individuals and papers commonly accepted as turning points in the development of the subject.

**Recommended reading** R. Hartshorne,

*Perspective on the Nature of Geography*; J. I. Clarke and P. Pinchemel, *Human Geography in France and Britain*; P. E. James, *All Possible Worlds, a History of Geographical Ideas*; D. W. Harvey, *Explanation in Geography*.

#### **Gy402 Research Design and Techniques (Seminar)**

Dr Thornes and others. Twenty-five seminars, Sessional.

**Syllabus** The purpose of this course is to give an outline of the basic requirement of a major research investigation from the conception to the publication of a final report. It will review the principal strategies involved in problem-solving in the social and natural sciences. The implications of particular strategies in terms of sources and information, of principal methods of analysis and of the organisation and publication of research results will be considered. These problems will be exemplified from research studies, both pure and applied. Members of the Graduate Laboratory and academic staff will outline some of the procedures and difficulties involved in their own research. Evaluation will include the formulation and design of a piece of geographical research.

#### **Gy402(a) Project Seminar**

Mr Drewett, Mr Sinclair and Dr Board. Twenty seminars, Michaelmas and Lent Terms.

**Syllabus** Presentations of research objectives, aims and methodological problems by research students.

#### **Gy403 Research Seminar**

Dr Board and others. Nineteen seminars, Michaelmas and Lent Terms.

**Syllabus** Presentation of research problems by speakers either from outside the School or who are visiting the London School of Economics.

#### **Gy404 Social Change and Urban Growth (Class)**

Professor E. Jones, Dr B. S. Morgan and Dr Warnes. Twenty classes, Michaelmas and Lent Terms.

**Syllabus** Urbanisation is a major social process with far-reaching implications for the urban and social geography of the developed and developing worlds. The aim of the course is to introduce concepts which geographers believe to be basis to the understanding of the processes and to the spatial patterns which are its outcome. In studying the demographic base, emphasis will be on the changing balance between rural and urban population due to migration and its effects on population structure. The social bases of urbanisation will focus on changing occupation structure and its effects on life styles, assimilation and acculturation. In the latter half of the course two or three of the following specific aspects will be discussed: effects of urbanisation on city growth; the constraints of the housing market on such changes; squatting as a phenomenon of rapid growth, particularly in the third world; segregated social areas such as ghettos; intra-urban migration and social areas.

**Recommended reading** B. J. L. Berry, *The Human Consequences of Urbanisation*; D. J. Dwyer, *The City in the Third World*; T. G. McGee, *The Urbanisation Process in the Third World*; L. Reissman, *The Urban Process*; P. M. Hauser, *The Study of Urbanisation*; D. Harvey, *Social Justice and the City*.

#### **Gy405 Regional Policy Planning**

Mr Drewett, Mr Diamond, Dr Estall and Dr Hamilton. Twenty-five lectures and seminars, Sessional.

**Syllabus** The main goals of regional policy have been the reduction in regional welfare differences, the stimulation of development areas and the relief of pressure from concentration in congested areas. The course aims to trace the evolution of planning as a response by governments to such problems. Within the context of regional growth theory and regional planning theory, the goals, instruments and achievements of regional planning will be assessed in the context of national variations in socio-economic and political structures. The first part will deal with Regional Planning Theory and the European Experience. This will be taken by all students. The second part will relate to specific regional policy and planning in Europe or North

American and the student must opt for one of these areas.  
Recommended reading to be announced.

#### **Gy406 Natural Resources Management**

Mrs Rees. Thirty-five lectures and seminars, Michaelmas and Lent Terms.

**Syllabus** The course has three major components: (a) General concepts in resource management, including such issues as the nature of resources; problems of common property 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.

**Recommended reading** T. O'Riordan, *Perspectives on Resource Management Environmentalism*; J. Burton and R. Kates, *Readings in Resource Management and Conservation*; D. W. Pearce, *Environmental Economics*; A. V. Kneese and B. T. Bower, *Managing Water Quality, Economics, Technology and Institutions*; A. M. Freeman, R. H. Haveman and A. V. Kneese, *The Economics of Environmental Policy*.

#### **Gy407 Spatial Aspects of Change in Economic Activity (Seminar)**

Dr J. E. Martin. Twenty-two seminars, Sessional.

**Syllabus** This course will cover three major aspects of industrial activity: (a) Movement and change at the scale of the enterprise; industrial organisation, acquisition activity and decision-making in relation to location; linkage and movement; (b) change at the city scale; metropolitan economic advantage; processes of locational shift; urban redevelopment and its impact on location; (c) regional industrial growth and change; the industrial mix and evolving regional advantage; the role of regional policy.

**Recommended reading** W. Isard, *Introduction to Regional Science*; D. M. Smith, *Industrial Location: an Economic Geographical Analysis*; F. E. I. Hamilton, *Spatial Perspectives on Industrial Organization and Decision-making*; L. Collins and D. Walker, *Locational Dynamics of Manufacturing Activity*; A. Pred, *Spatial Dynamics of U.S. Urban-Industrial Growth, 1800-1914*; D. Keeble, *Industrial Location and Planning in the U.K.*; M. J. Moseley, *Growth Centres in Spatial Planning*.

#### **Gy408 Geography of Transport Planning (Class)**

Dr K. R. Sealy. Sessional.

**Syllabus** This course will be particularly concerned with the spatial aspects of the transport problem but will include a consideration of related economic and technical problems. The main subjects covered include network analysis; transport planning models; transport and economic development; measurement and evaluation of environmental problems. Examples will be drawn mainly from road and air transport. Where appropriate courses in economics and historical aspects may be included and all students may attend the Transport Seminar.

**Recommended reading** C. D. Foster, *The Transport Problem*, (2nd edn.); K. Kansky, *Transportation Networks*, Chicago University Department of Geography Research Paper No. 84; P. Haggett and R. J. Chorley, *Network Analysis in Geography*; Lane, Powell and Prestwood Smith, *Analytical Transport Planning*; K. R. Sealy, *Airport Strategy Planning*; A. M. Stratford, *Airport and the Environment*; R. Taylor, *Noise*; B. S. Hoyle, *Transport and Development*.

#### **Gy409 The Geography of Agriculture**

Mr Sinclair. Sessional.

**Syllabus** Environmental studies of subsistence and commercial agriculture. The role and status of agriculture in economic development, and the analysis of changes in the structure of agricultural activity.

#### **Gy410 Problems of Rural Development**

Mr Sinclair. Sessional.

**Syllabus** The course of rural transition in Western Europe during the 20th century, especially since 1950. Changes in rural society and in the status and structure of agriculture. The impact of urban expansion on the rural economy. Economic growth and the countryside. Agricultural policy and rural planning in the European Community.

#### **Gy411 Cartographic Communication** Dr Board. Twenty-five lectures, Sessional.

For M.Sc.

**Syllabus** The process of communicating geographical information by means of maps. The map designer's perception of the real world; how information is obtained from maps and the assessment of the quantity and quality of such information.

**Recommended reading** J. Keates, *Cartographic Design and Production*; A. H. Robinson, *The Look of Maps*; E. Edwards, *Information Transmission*.

#### **Gy412 Regional Problems in the United States**

Dr Estall. Twenty-two lectures, Sessional.

This course is held for students taking the M.A. Area Studies degree at the Institute of United States Studies.

**Syllabus** An analysis of the processes of economic growth and change and of the regional problems arising therefrom. Federal policies and programmes for regional economic development. Case studies of selected Economic Development Regions and their development plans.

**Recommended reading** B. J. L. Berry, *Growth Centres in the American Urban System*; G. C. Cameron, *Regional Economic Development, the Federal Role*; J. Cumberland, *Regional Development: Experiences and Prospects in the United States of America*; M. Derthick, *Between State and Nation; Regional Organisations of the United States*; R. C. Estall, *New England: a Study in Industrial Adjustment*; J. Friedman and M. Alonso (Eds.), *Regional Development and Planning: A Reader*; N. M. Hansen, *Rural Poverty and the Urban Crisis: A Strategy for Regional Development*; E. M. Hoover, *An Introduction to Regional Economics*; Sar Levitan, *Federal Aid to Depressed Areas*; M. Newman, *The Political Economy of Appalachia*; Harvey S. Perloff *et al*,

*Regions, Resources and Economic Growth*; E. A. G. Robinson (Ed.), *Backward Areas in Advanced Countries*.

#### **M.Sc. REGIONAL AND URBAN PLANNING STUDIES**

##### **Gy450 Regional and Urban Planning Problems (Seminar)**

Professor Day, Professor Self and Mr Diamond. An interdepartmental seminar, Summer Term.

##### **Gy451 Geographical Concepts in Regional and Urban Planning (Seminar)**

Mr Diamond. Michaelmas and Lent Terms.

Also for M.Sc. in Geography.

A seminar on the application of locational and spatial concepts to problems of urban and regional planning.

**Recommended reading** B. J. L. Berry and F. E. Horton, *Geographic Perspectives on Urban Systems*; F. S. Chapin, *Urban Land Use Planning*; M. Chisholm and G. Manners (Eds.), *Spatial Policy Problems of the British Economy*; R. J. Chorley and P. Haggett (Eds.), *Socio-Economic Models in Geography*; J. Friedmann and W. Alonso (Eds.), *Regional Development and Planning*; J. P. Gibbs, *Urban Research Methods*; P. Haggett, *Locational Analysis in Human Geography*; P. G. Hall, *Theory and Practice of Regional Planning*; J. B. McLoughlin, *Urban and Regional Planning*; K. Norborg (Ed.), *The I.G.U. Symposium in Urban Geography*; M. Moseley, *Growth Centres in Spatial Planning*; M. E. Sant, *Industrial Movement and Regional Development*.

Other references will be given during the course.

##### **Gy451(a) Classes**

##### **Gy452 Quantitative Methods in Regional and Urban Planning Studies**

Dr Frost. Michaelmas Term.

**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.

**Gy453 Urban Systems (Graduate Course)**

Mr Drewett. Six lectures, Michaelmas Term.

Also for M.Sc. in Economics; Geography; Operational Research.

**Syllabus** Inter and intra-urban patterns and functional processes will be examined in the context of systems analysis and model building. The basic components of the urban system and their interdependence will be outlined reviewing the associated theoretical and empirical models.

**Recommended reading** B. J. L. Berry and F. E. Horton, *Geographic Perspectives on Urban Systems*.

**Gy454 Introduction to British Town and Country Planning**

Mr Diamond. Four lectures, Michaelmas Term.

For M.Sc. in Economics; Operational Research.

**Members of the Staff of King's College, London, sharing in the work of the Joint School of Geography**

D. Brunsten, B.Sc., Ph.D.; Reader in Geography.

Alice M. Coleman, M.A.; Reader in Geography.

C. Embleton, M.A., Ph.D. (Cantab.); Reader in Geography.

M. E. Frost, B.A., M.Sc., Ph.D.; Lecturer in Geography.

Maureen Jones, B.Sc. (Wales), D.U.S. (Southampton), M.Sc., Ph.D. (Newcastle); Lecturer in Geography.

G. R. P. Lawrence, M.Sc.; Lecturer in Geography.

B. S. Morgan, B.Sc., Ph.D. (Exeter); Lecturer in Geography.

W. B. Morgan, M.A. (Oxon.), Ph.D. (Glasgow); Professor of Geography.

Linda Newson, B.A., Ph.D.; Lecturer in Geography.

S. Nortcliff, B.A. (Bristol), Ph.D. (East Anglia); Lecturer in Geography.

J. C. Pugh, M.A. (Cantab.), Ph.D., F.R.I.C.S.; Professor of Geography

F. Rose, B.Sc., Ph.D.; Reader in Biogeography.

A. M. Warnes, B.A. (Hull), Ph.D. (Salford); Lecturer in Geography.

E. M. Yates, M.Sc., Ph.D.; Reader in Geography.

## Government

**(A) POLITICAL THEORY AND THE HISTORY OF POLITICAL THOUGHT**

**Gv100 An Introduction to Political Thought: The Greeks**

Dr Morrall. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Parts I and II; B.A. (Hist.).

**Syllabus** Greek thought on politics is treated here as the first sustained attempt at the rational explanation through discussion and dialogue of the processes of human government, and of the degree to which members of the social community can or ought to participate in government.

This subject primarily requires a knowledge of the political ideas of Plato and Aristotle, in particular of Plato's *Republic* and Aristotle's *Politics*. For this purpose, some introductory material is also included about the previous history of Greek political thinking, and the characteristics of Athenian democracy.

Particular attention is paid to the treatment in Plato and Aristotle of the following topics:

- (a) The nature of the political community
- (b) The relationship between political knowledge and political activity
- (c) The nature of government and law
- (d) The differing types of constitution
- (e) The meaning of justice and morality in politics

**Preliminary reading** M. I. Finley, *The Ancient Greeks* (Penguin); T. A. Sinclair, *A History of Greek Political Thought* (Routledge paperback); D. Kagan, *The Great Dialogue*; E. Barker, *Greek Political Theory: Plato and his Predecessors* (Methuen University Paperback). **Further reading** will be supplied during the course.

**Gv100(a) Classes**

**Gv101 The Language of Politics: An Introduction to Political Theory**  
Mr Minogue. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.A. c.u. main field French Studies 1st yr.

**Syllabus** A study of the varying types of political argument, distinguished according to whether their design depends upon the practical attempt to persuade or the theoretical commitment to understand; and distinguished according to level of abstraction. Attention will be given primarily to: discussions of technical skill in politics; rhetorical argument; political philosophy; and ideology. These types will be studied in relation to (usually) four texts, which may be varied from year to year. In 1977-78 the proposed texts are: Machiavelli, *The Prince*; Edmund Burke, *Reflections 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).

**Gv101(a) Classes**

Mr Minogue and Dr Orr.  
Ten classes, Lent Term.

**Gv102 Political Thought**

Professor Kedourie. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A. (Hist.). **Recommended reading** will be given at the beginning of the course.

**Gv102(a) Classes**

For second-year students.

**Gv102(b) Classes**

For third-year students.

**Gv103 The Political Philosophy of Plato and Aristotle**

Dr Rosen. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II and other interested undergraduate and graduate students.

**Syllabus and recommended reading** will be given at the beginning of the course.

**Gv104 Three Key Mediaeval Political Thinkers**

Dr Morrall. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II.

**Syllabus** The thinkers with whom this course will be concerned are St. Augustine, St. Thomas Aquinas and Marsiglio of Padua.

**Texts** R. H. Barrow (Ed.), *Introduction to St. Augustine's "City of God"*; A. P. d'Entrèves, *Aquinas: Selected Political Writings* (Blackwell's Political Texts); A. Gewirth, *Marsilius of Padua*, Vol. II.

### Gv105 Political Thought (Texts)

Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

**Plato:** Dr Morrall

**Aristotle:** Dr Morrall

**Marsilius:** Dr Morrall

**Machiavelli:** Mr Minogue

**Hobbes:** Dr Orr

**Rousseau:** Mr Charvet

**Hegel:** Professor Kedourie

**Mill:** Mr Thorp

**Locke:** Professor Cranston

### Gv106 French Political Thought

Professor Cranston. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr. and all interested graduate and undergraduate students.

**Syllabus** Aspects of French political thought from the late Renaissance to the contemporary world.

**Recommended reading** will be given at the beginning of the course.

### Gv107 Political Philosophy

Professor Cranston, Dr Orr, Dr Rosen and Mr Charvet. Fourteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

**Syllabus** Philosophy: its characteristics and methods, and its place in the study of politics. The origins and grounds of moral judgments. The nature of the state.

Authority and power. Compulsion, persuasion and consent. Responsibility and punishment. Political obligation. Concepts of nature and of reason. Natural law and natural rights. The definition of freedom. Historical explanation and the problem of determinism. The aims and methods of political science. Property and distributive justice. Theories of democracy and equality.

**Recommended reading** C. G. Field, *Political Theory*; J. L. Lucas, *The Principles of Politics*; S. Benn and R. S. Peters, *Social Principles and the Democratic State*; J. D. Mabbott, *The*

*State and the Citizen*; B. Barry, *Political Argument*; H. L. Hart, *The Concept of Law*; T. D. Weldon, *The Vocabulary of Politics*; M. Oakshott, *Rationalism in Politics*; S. Wolin, *Politics and Vision*; M. Cranston, *Freedom*; E. F. Carr, *Morals and Politics*; P. Laslett (Ed.), *Philosophy, Politics and Society* (I and II); D. D. Raphael, *Problems of Political Philosophy*; K. R. Popper, *Conjectures and Refutations*; D. D. Raphael, *Political Theory and the Rights of Man*; A. P. d'Entrèves, *The Notion of the State*.

### Gv107(a) Class

Professor Cranston, Dr Orr and Dr Rosen. Lent and Summer Terms. For second-year students.

### Gv107(b) Class

Mr Charvet, Dr Orr and Dr Rosen. Michaelmas and Lent Terms. For third-year students.

### Gv108 Ideas of Freedom and Equality in Modern Political Philosophy

Mr Charvet. Ten lectures, Lent Term.

**Syllabus** This course will explore ideas of freedom and equality both in the writings of contemporary political philosophers and in those of earlier modern philosophers such as Hobbes, Locke, Rousseau *et al.* It will also be concerned with the criticism of these ideas.

### Gv109 Modern Political Thought

Mr Thorp. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. optional for 3rd yr.

**Syllabus** This is a study of European Political Thought since about 1770. Attention will be given to: the influence of the Enlightenment; the ideas associated with the French Revolution and the emergence of the Nation State; reflections on the nature of industrial society and the problems of its ordering; the increase of knowledge of the natural world and its utilization by political thinkers; thought about the populace and the mass as features of modern European politics; the discovery of the historical world and its relation to political understanding and practice; the idea of a science of human

nature and a science of human society. It will also include the study of schools of thought such as Liberalism, Socialism, Romanticism, Nationalism, philosophical movements like Positivism, Utilitarianism, Idealism; and writers such as Bentham, Kant, Hegel, de Maistre, Coleridge, St. Simon, Comte, de Tocqueville, J. S. Mill, Marx, Spencer, Proudhon, Green, Bradley, Bosanquet, Sorel, Hobhouse, Lenin.

**Recommended reading** TEXTS: J. Bentham, *Introduction to the Principles of Morals and Legislation*; G. W. F. Hegel, *The Philosophy of Right* (Trans. T. M. Knox); J. Lively (Ed.), *The Works of Joseph de Maistre*; A. de Tocqueville, *Democracy in America*; S. T. Coleridge, 'The Principles of Political Knowledge' in *The Friend*, Part I; *Second Lay Sermon*; St. Simon, *Selected Writings* (Blackwell); K. Marx, *The Communist Manifesto*; K. Marx and F. Engels, *Basic Writings on Politics and Philosophy* (Ed. L. S. Feuer) or, D. Cauter (Ed.), *Essential writings of Karl Marx*; J. S. Mill, *On Liberty*; *Representative Government*; *Utilitarianism*; T. H. Green, *Lectures on the Principles of Political Obligation*; C. Sorel, *Reflections on Violence*; V. I. Lenin, *What is to be Done?*; V. I. Lenin, *The State and Revolution*; H. Spencer, *Man versus the State*; B. Bosanquet, *The Philosophical Theory of the State*.

**GENERAL READING OR FOR REFERENCE:** L. Lancaster (Ed.), *Masters of Political Thought*, Vol. 3; J. Bowle, *Politics and Opinion in the Nineteenth Century*; J. H. Randall, *The Making of the Modern Mind*; J. Schumpeter, *Capitalism, Socialism and Democracy*; J. S. Mill, *Bentham and Coleridge*; J. Talmon, *Political Messianism*; R. H. Tawney, *The Acquisitive Society*; A. V. Dicey, *Lectures on the Relation between Law and Public Opinion in the Nineteenth Century*; R. H. Soltan, *French Political Thought in the Nineteenth Century*; G. de Ruggiero, *The History of European Liberalism*; W. Bagehot, *Physics and Politics*; M. Arnold, *Culture and Anarchy*; R. Williams, *Culture and Society 1750-1950*; E. Wilson, *To the Finland Station*; L. T. Hobhouse, *Elements of Social Justice*; G. Wallas, *Human Nature in Politics*; *Fabian Essays*; E. Kedourie, *Nationalism*; R. G. Collingwood, *The Idea of History*; R. Aron, *Main Currents in Sociological Thought I*; E. Barker, *English Political Thought, 1848-1914*; W. Y. Elliott, *The Pragmatic Revolt in*

*Politics*; A. Gray, *The Socialist Tradition*; M. Mandelbaum, *History, Man and Reason*; S. S. Wolin, *Politics and Vision*; F. H. Bradley, *Ethical Studies*; M. Oakshott, *Social and Political Doctrines of Contemporary Europe*. Further reading will be given in lectures and classes.

### Gv190(a) Class

Mr Thorp and Mr Charvet. For second-year students.

### Gv109(b) Class

Mr Thorp and Mr Charvet. Fortnightly, Michaelmas and Lent Terms. For third-year students.

### Gv110 The Political Thought of Hegel and Marx

Professor Kedourie. Fifteen Lectures, Michaelmas and Lent Terms.

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.

## GRADUATE COURSES (A)

### Gv120 Seminar for Graduate Students

Professor Kedourie and members of the department. Sessional. For any interested research students in the Government department.

**Syllabus** The seminar is meant to be a forum where research students, engaged on the variety of subjects which the Department of Government covers, can exchange ideas and discuss their work.

### Gv121 History of Political Thought (Seminar)

Professor Kedourie, Professor Oakshott, Mr Minogue, Dr Orr and Mr Charvet. Sessional. For M.Sc.

**Gv122 The Philosophy of Ideology** Mr Minogue. Five lectures, Summer Term.

For M.Sc. and other interested students. **Syllabus** A discussion of ideological discourse taken as a specific form of political thinking.

### Gv123 Political Philosophy (Seminar)

Professor Cranston, Dr Rosen and Dr Orr. Fortnightly, Sessional. For registered Ph.D. students and others by permission.

### Gv124 Political Philosophy (Selected Topic) (Seminar)

Mr Thorp and Mr Charvet will hold a Seminar for graduate students on a subject in Political Philosophy in the Lent Term. This course will not be given in 1977-78.

### Gv125 Russian Nineteenth Century Intellectual History (Seminar)

Professor Schapiro and Mrs de Kadt. Summer Term. Strictly for invited graduates.

## (B) POLITICS AND PUBLIC ADMINISTRATION

### Gv150 Modern Politics and Government with special reference to Britain

Dr R. S. Barker, Professor G. W. Jones and Professor Self. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Soc.

**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.

**Recommended reading** S. E. Finer, *Comparative Government* (Part I); S. M. Lipset, *Political Man*; R. Miliband, *The State and Capitalist Society*; J. S. Mill, *Representative Government*; J. D. B. Miller, *The Nature of Politics*; W. Bagehot, *The English Constitution*; A. H. Birch, *Representative and Responsible Government*; J. Blondel, *Voters, Parties and Leaders*; S. E. Finer, *Anonymous Empire*; A. King, *The British Prime Minister*; A. H. Hanson and M. Walles, *Governing Britain*; P. G. J. Pulzer, *Political Representation and Elections in Britain*; P. G. Richards, *The Reformed Local Government System*; R. Rose (Ed.), *Policy-Making in Britain*; L. Tivey, *Nationalisation in British Industry*; B. Crick, *In Defence of Politics*; S. H. Beer, *Modern British Politics*; Peter Singer, *Democracy and Disobedience*; Richard Clutterbuck, *Protest and the Urban Guerrilla*; Harry Street, *Freedom, the Individual and the Law*; R. T. McKenzie, *British Political Parties*; R. G. S. Brown, *The Administrative Process in Britain*; R. Dahl, *A Preface to Democratic Theories*, A. Downs, *An Economic Theory of Democracy*; S. Lukes, *Power: a Radical View*; R. Rose, *Politics in England Today*.

### Gv150(a) Classes

### Gv151 History of British Politics from the Seventeenth to the Twentieth Century

Mrs Bennett. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II.

**Syllabus** A historical study of the political and institutional arrangements prevailing at any given period between 1660 and 1922, of the events and ideas associated with them, and the process by which they

change and develop. Major themes will 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 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. **Recommended reading** will be given at the beginning of the course.

### Gv151(a) Class

Ten fortnightly classes, Michaelmas, Lent and Summer Terms.

### Gv152 History of British Politics in the Twentieth Century

Mr Beattie and Mr Barnes.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

**Syllabus and recommended reading** will be given at the beginning of the course.

### Gv152(a) Class

Five fortnightly classes, Lent and Summer Terms, for second-year students.

### Gv152(b) Class

Five fortnightly classes, Michaelmas Term, for third-year students.

### Gv153 Administrative Organization and Behaviour

Professor Self.

Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc. and other interested graduate students.

**Syllabus** This course will consider some basic issues about the organization of governments and the behaviour of bureaucracies, illustrated by comparative studies of Britain, U.S.A., France and other countries. Subjects covered will include the nature of administrative organization; causes and results of administrative conflict; policy co-ordination and resource planning; political-

administrative relations; the uses of experts in government; civil service systems; administrative motivation and performance; administrative reform.

**Recommended reading** P. Self, *Administrative Theories and Politics*; J. D. Millet, *Organization for the Public Service*; F. Heady, *Public Administration: A Comparative Perspective*; A. Etzioni, *Modern Organizations*; R. G. S. Brown, *The Administrative Process in Britain*; H. Seidman, *Politics, Position and Power*; L. C. Gawthrop, *Bureaucratic Behaviour in the Executive Branch*; F. F. Ridley and J. Blondel, *Public Administration in France*; M. Crozier, *The Bureaucratic Phenomenon*; Sir Richard Clarke, *New Trends in Government*.

### Gv154 Public Administration (Class)

Michaelmas and Lent Terms. For B.Sc. (Econ.) Part II.

### Gv155 An Introduction to Public Policy Making

Dr Regan. Ten lectures, Michaelmas Term.

For M.Sc.; optional for B.Sc. (Econ.) Part II.

**Syllabus** An examination of models and theories of the policy process, and an assessment of prescriptions for improving public policy making. Examples will be drawn mainly from Britain and the U.S.A.

**Recommended reading** G. T. Allison, *Essence of Decision: Explaining the Cuban Missile Crisis*; J. E. Anderson, *Public Policy Making*; T. J. Anton, *Governing Greater Stockholm*; R. J. Art, *The TFX Decision: McNamara and the Military*; P. Bachrach, *Political Elites in a Democracy*; P. Bachrach and M. S. Baratz, *Power and Poverty*; M. J. Barnett, *The Politics of Legislation*; R. A. Bauer and K. J. Gergen, *The Study of Policy Formation*; N. Boaden, *Urban Policy Making*; J. Bray, *Decision in Government*; R. H. S. Crossman, *Inside View*; R. A. Chapman, *The Role of Commissions in Policy-Making*; R. A. Dahl, *Who Governs? Democracy and Power in an American City*; R. A. Dahl and C. E. Lindblom, *Politics, Economics and Welfare*; C. J. Davies, *The Politics of Pollution*; J. Dearlove, *The Politics of Policy in Local Government*; Y. Dror, *Design for Policy Sciences*; Y. Dror, *Ventures in Policy Sciences*; Y. Dror, *Public Policy-*



*Making Re-examined*; A. Dunsire, *Administration: the word and the science*; T. R. Dye, *Politics, Economics and the Public: Policy Outcomes in the American States*; T. R. Dye, *Understanding Public Policy*; T. R. Dye, *Policy Analysis*; D. Easton, *A Framework for Political Analysis*; A. Etzioni, *The Active Society*; A. Faludi, *A Reader in Planning Theory*; R. Gregory, *The Price of Amenity*; P. Hall, H. Land, R. Parker and A. Webb, *Change, Choice and Conflict in Social Policy*; H. Heclo, *Modern Social Politics in Britain and Sweden: From Relief to Income Maintenance*; H. Heclo and A. Wildavsky, *The Private Government of Public Money*; M. J. Hill, *The Sociology of Public Administration*; F. Hunter, *Community Power Structure*; C. O. Jones, *An Introduction to the Study of Public Policy*; M. Kogan, *Educational Policy-Making*; C. E. Lindblom, *The Intelligence of Democracy*; C. E. Lindblom, *The Policy-Making Processes*; C. E. Lindblom and D. Braybrooke, *A Strategy of Decision*; T. J. Lowi, *The End of Liberalism*; T. J. Lowi, *The Politics of Disorder*; J. G. March and H. A. Simon, *Organisations*; R. Mayntz and F. W. Scharpf, *Policy-Making in the German Federal Republic*; P. Niner, *Local Authority Housing Policy and Practice—A Case Study Approach*; R. Presthus, *Elites in the Policy Process*; A. Ranney, *Political Science and Public Policy*; G. Rhodes, *Committees of Inquiry*; J. J. Richardson, *The Policy-Making Process*; R. Rose, *Policy Making in Britain: A Reader in Government*; R. Rose, *The Dynamics of Public Policy*; E. E. Schattschneider, *The Semi Sovereign People*; D. Schon, *Beyond The Stable State*; P. Self, *Econocrats and the Policy Process: the politics and philosophy of cost benefit analysis*; I. D. Sharkansky, *Public Administration*; H. S. Simon, *Administrative Behaviour*; B. C. Smith, *Policy Making in British Government*; W. Solesbury, *Policy in Urban Planning: structure plans, programmes and local plans*; M. Spiers, *Techniques and Public Administration: a contextual evaluation*; P. Stanworth and A. Giddens, *Elites and Power in British Society*; T. C. Sorensen, *Decision-Making in the White House*; H. Stein, *Public Administration and Policy Development*; D. B. Truman, *The Governmental Process*; Sir Geoffrey Vickers, *The Art of Judgement*; *Freedom in a Rocking Boat*; *Value*

*Systems and Social Process*; L. L. Wade, *The Elements of Public Policy*; A. Wildavsky, *The Politics of the Budgetary Process*.

### Gv156 British Government and Bureaucracy

Professor G. W. Jones. Ten lectures, Lent Term.

For M.Sc. Optional for B.Sc. (Econ.) Part II.

**Syllabus** The relation between politics and administration in Britain. The central machinery of government and the factors which influence its structure. Patterns of devolution to public corporations and local authorities. The organization and character of the British Civil Service. Decision making in Whitehall and the relation of policy making to execution. Administration, interest groups and public opinion. The place of management and financial control in the public service. **Recommended reading** A. H. Hanson and M. Wallis, *Governing Britain*; J. Stanyer and B. Smith, *Administering Britain*; The Fulton Committee, *The Civil Service* (Cmnd. 3638); R. G. S. Brown, *The Administrative Process in Britain*; J. Garrett, *The Management of Government*; R. A. Chapman, *The Higher Civil Service in Britain*; C. H. Sisson, *The Spirit of British Administration*; G. K. Fry, *Statesmen in Disguise*; D. N. Chester and F. M. G. Willson, *The Organisation of British Central Government*; W. Thornhill (Ed.), *The Modernisation of British Government*; H. Parris, *Constitutional Bureaucracy*; Haldane Report, *Report of the Machinery of Government Committee* (Cd. 9230); H.M.S.O., *The Reorganisation of Central Government* (Cmnd. 4506); H. Heclo and A. Wildavsky, *The Private Government of Public Money*; P. J. O. Self and H. J. Storing, *The State and the Farmer*; M. Spiers, *Techniques and Public Administration*; P. J. O. Self, *Administrative Theories and Politics*; Sir Richard Clarke, *New Trends in Government*; D. Keeling, *Management in Government*; R. A. Chapman and A. Dunsire, *Style in Administration*.

### Gv157 Modern British Government

Twenty Seminars in one of the following, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

### (i) Political Ideology in Modern Britain

Dr Barker.

**Syllabus** Ideology—the uses and meanings of the word. Levels of political thinking in Britain: political philosophy, political argument, political policy. The relation between political structures, institutions and events, and ideology. The development of the state and the accompanying political debate. Concepts of citizenship and nationality. The ideological character of party politics. **Introductory reading** S. H. Beer, *Modern British Politics*; Sir Ernest Barker, *Political Thought in England from Herbert Spencer to the Present Day*; Raymond Williams, *Culture and Society 1780–1950*; S. Wolin, *Politics and Vision*; M. J. C. Vile, *Constitutionalism and the Separation of Powers*; H. Pelling (Ed.), *The Challenge of Socialism*; P. W. Buck (Ed.), *How Conservatives Think*; A. Bullock and M. Shock (Eds.), *The Liberal Tradition, From Fox to Keynes*. A full syllabus and reading list will be given out at the start of the course.

### (ii) Political Behaviour with special reference to Britain

Dr Nossiter.

**Syllabus** Political Culture. Political Learning and Socialisation. Electoral behaviour. Mass communications and politics. **Recommended reading** R. Rose, *Politics in Britain Today*; R. E. Dowse and J. Hughes, *Political Sociology*; R. Miliband, *The State in Capitalist Society*; D. Kavanagh, *Political Culture*; T. Tapper, *Political Education and Stability*; D. E. Butler and D. Stokes, *Political Change in Britain*; C. Seymour-Ure, *The Press, Politics and the Public*, esp. chapter on The Political Impact of Mass Media; S. Cohen and J. Young, *The Manufacture of News*; J. G. Blumler and D. McQuail, *Television and Politics*; J. C. Blumler, 'The Political Effects of Television' in J. Halloran (Ed.), *The Effects of Television*.

### (iii) Cabinet Government and the National Policy Process

Mr Barnes, Mrs Bennett and Dr Regan.

**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.

**Introductory reading** R. H. S. Crossman, *Inside View*; *Diaries of a Cabinet Minister*, Vol. I; P. Gordon Walker, *The Cabinet*; A. King (Ed.), *The British Prime Minister*; J. P. Mackintosh, *The British Cabinet*; H. Morrison, *Government and Parliament*; B. C. Smith, *Policy Making in British Government*; H. Wilson, *Governance of Britain*.

A full reading list will be issued at the beginning of the course.

### Gv158 British Political Parties and the Electorate (Seminar)

Dr Nossiter, Mr Pickles and Mr Barnes.

Eight meetings, Lent Term.

For graduate students. Optional for B.Sc. (Econ.) Part II.

An 'off the record' seminar in which invited politicians and trade unionists discuss their daily work.

### Gv159 Aspects of Comparative Local Government

Professor G. W. Jones. Ten lectures, Michaelmas Term.

For M.Sc. and other interested students.

**Syllabus** A study of the local government systems of a number of countries both developed and underdeveloped. The organization, functions and areas of local authorities, their councils, internal arrangements, executives and administration. Politics, central-local relations, finance and the reform of local government. Planning, metropolitan and big-city government.

**Recommended reading** S. Humes and E. M. Martin, *The Structure of Local Government*; A. F. Leemans, *Changing Patterns of Local Government*; 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*; B. Chapman, *Introduction to French Local Government*; J. Piekalkiewicz, *Communist Local Government*; W. A. Robson and 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*. Other books and articles will be recommended at the beginning of the course.

**Gv160 Aspects of Comparative Local Government (Seminar)**

Professor G. W. Jones. Summer Term.  
For M.Sc. and other interested graduate students.

**Gv161 Comparative Political Institutions**

For B.Sc. (Econ.) Part II.  
For second-year students.

**(i) Introduction to the Methods of Comparison**

Mr Wolf-Phillips. Five lectures, Michaelmas Term.

**(ii) U.S.S.R.**

Mr Reddaway. Five lectures, Michaelmas Term.

**(iii) U.S.A.**

Professor Letwin. Five lectures, Lent Term.

**(iv) France**

Five lectures, Lent Term.

**Gv161(a) Classes**

Ten classes, fortnightly, Michaelmas and Lent Terms.  
For second-year students.

**Gv161(b) Classes**

Fifteen classes, Michaelmas and Lent Terms.  
For third-year students.

**Gv162 Cases in Comparative Politics**

Dr G. R. Smith and others. Ten lectures, Michaelmas Term.  
This course will not be given in 1977-78.

For B.Sc. (Econ.) Part II.  
For third year students.

**Gv163 Politics in Africa**

Mr Panter-Brick. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.; M.A. Area Studies—Africa, and others interested. **Syllabus** A general survey and analysis of governmental institutions and procedures, of the social and ideological context in which they function, and of the use made of concepts relating to authority, nationalism and tradition. Problems of political integration; the various kinds of political cleavage; factionalism within the one-party or no-party state. The means of securing political support, including relations of clientage. Modes of representation, formal and informal. Political instability; the role of the military in government.

**Introductory reading** H. Bienen, 'One Party Systems in Africa' in S. P. Huntington and C. H. Moore (Eds.), *Authoritarian Politics on Modern Society*; M. Crowder, *West Africa under Colonial Rule*, Part III; R. First, *The Barrel of a Gun*; S. P. Huntington, *Political Order in Changing Societies*; G. A. Heeger, *The Politics of Underdevelopment*; W. E. Gutteridge, *Military Regimes in Africa*; J. E. Goldthorpe, *Sociology of the Third World*; L. Mair, *New Nations*; J. Maquet, *Power and Society in Africa*; W. A. Lewis, *Politics in West Africa*; P. C. Lloyd, *Africa in Social Change*; K. Post, *The New States of West Africa*; G. Hyden and C. Leyes, 'Elections and Politics in Single-Party Systems' in *British Journal of Political Science*, Vol. 2, 1972; A. A. Rostow, *A World of Nations*; A. Zolberg, *Creating Political Order*. Note M.Sc. students should attend Courses Gv223, IR110 and IR158 undergraduate students may attend if they so desire.

**Gv163(a) Politics in Africa (Class)**

Mr Panter-Brick. Lent and Summer Terms.

**Gv164 Politics and Government of France**

Dr Machin and Mr Pickles. Twenty-five lectures, Sessional.  
For B.Sc. (Econ.) Part II; B.A. French Studies 2nd yr.; M.Sc. and other interested graduate students. **Syllabus and recommended reading** will be given at the beginning of the course.

**Gv164(a) Politics and Government of France (Class)**

Fifteen classes, Michaelmas and Lent Terms.  
For B.Sc. (Econ.) Part II; B.A. French Studies 2nd yr.

**Gv165 Politics and Government of the U.S.A.**

Professor Letwin. Twenty lectures, Lent Term.

This will not be given in 1977-78.

For B.Sc. (Econ.) Part II.  
**Syllabus and recommended reading** will be given at the beginning of the course.

**Gv165(a) Class**

Fortnightly, Michaelmas and Lent Terms.

This course will not be given in 1977-78.

For B.Sc. (Econ.) Part II.

**Gv166 Politics and Government of Russia**

Professor Schapiro. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II and other interested undergraduate and graduate students. **Syllabus and recommended reading** will be given at the beginning of the course.

**Gv166(a) Class**

Mrs de Kadt. Weekly, Lent Term.  
For second-year students.

**Gv166(b) Class**

Mr Reddaway. Fortnightly, Michaelmas and Lent Terms.  
For third-year students.

**Gv167 Russian Political Thought in the Nineteenth Century**

Mrs de Kadt. Ten lectures, Lent Term, in connection with Course Gv166.

This course will not be given in 1977-78.

For B.Sc. (Econ.) Part II and interested graduate students. **Syllabus and recommended reading** will be given at the beginning of the course.

**Gv168 The Politics and Government of Germany**

Dr G. R. Smith. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

**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 Länder. 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, German 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 development of the German Democratic Republic, and the course of relations with the Federal Republic. The evolution and implications of the 'Ostpolitik'.

**Recommended reading** K. D. Bracher, *The German Dictatorship*; A. Bullock, *Hitler: A Study in Tyranny*; D. Childs, *Germany since 1918*; R. Dahrendorf, *Society and Democracy in Germany*; L. J. Edinger, *Politics in Germany*; W. Graf, *The German Left since 1945*; A. Grosser, *Germany in Our Time: A Political History of the Post-War Years*; N. Johnson, *Government in the Federal Republic of Germany*; G. Lowenberg, *Parliament in The German Political System*; G. Mann, *The History of Germany since 1789*; P. M. Merkl,

*The Origins of the West German Political System*; F. Neumann, *Behemoth: The Structure and Practice of National Socialism*; A. Nicholls and E. Matthias (Eds.), *German Democracy and the Triumph of Hitler*; W. Paterson, *The S.P.D. and European Integration*; G. K. Roberts, *West German Politics*; K. Sontheimer, *The Government and Politics of West Germany*; J. K. Snowden, *The German Question, 1945-1974*; R. Tilford (Ed.), *The Ostpolitik and Political Change in Germany*; P. Windsor, *Germany and the Management of the Détente*.

#### Gv168(a) Class

Dr G. R. Smith. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

#### Gv169 Communism and Nationalism in Eastern Europe since 1944

Mr Schöpflin. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

#### Gv169(a) Classes

##### Gv170 Public Policy: Political and Economic Aspects

Professor Letwin. Twenty-five lectures, Lent and Summer Terms. For B.Sc. (Econ.) Part II and graduate students.

**Syllabus** This course considers the modes of analysis devised by political scientists and economists for evaluating public policies.

1 Overall economic policy: (a) Main dimensions of economic policy; 'the crisis of public finance'; full employment; inflation and the monetarist controversy; economic growth and equality. (b) Political process in the making of economic policy: roles of executive, experts and legislators; budget-making; public expenditure control; regulation of the money supply.

2. Public projects, evaluation and co-ordination: cost-benefit and cost-effectiveness analysis; organizational structure of public authorities.

3. The making of public choices: theory of elections, game theory, systems analysis, organization theory.

4. Analysis of selected issues in public

policy: redistribution of income and wealth; population; natural resources; etc.

**Recommended reading** J. E. Anderson, *Public Policy Making*; R. A. Dahl and 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 and 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*; G. Tullock, *The Vote Motive*; M. Bacharach, *Economics and the Theory of Games*; S. J. Brams, *Game Theory and Politics*; S. J. Brams, *Paradoxes in Politics*; A. Rappaport, *Strategy and Conscience*; T. C. Schelling, *Strategy of Conflict*; D. Berlinski, *On Systems Analysis*; A. Dunsire, *The Framework for Political Analysis*; F. E. Emery (Ed.), *Systems Thinking*; J. A. Litterer (Ed.), *Organizations*, 2 Vols.; E. J. Miller and A. K. Rice, *Systems of Organization*; J. M. Montias, *The Structure of Economic Systems*; L. W. Porter *et al*, *Behaviour in Organizations*.

#### Gv171 Political Organisation (Class)

Mr Beattie. Fortnightly, Sessional. For Trade Union Studies.

### GRADUATE COURSES (B)

#### Gv200 Politics and Government of the United Kingdom (Seminar)

For M.Sc.

(a) **Britain: the development of the interventionist state**  
Mr Barnes

(b) **Interpretations of the British Constitution**  
Mr Beattie.

(c) **The emergence, passage and application of a statute**  
Mr Barnes and Mr Beattie.

#### Gv201 Twentieth Century British Politics (Seminar)

Dr Barker and Mr Beattie.

Michaelmas and Lent Terms.

For interested graduate and undergraduate students.

#### Gv202 Graduate Research Seminar in British Politics

Fortnightly, Sessional.

For interested research students.

#### Gv203 Comparative Government (Seminar)

Mr Wolf-Phillips. Sessional.

For M.Sc.

#### Gv204 Comparative Federalism (Seminar)

Professor Letwin. Ten meetings, Lent and Summer Terms.

For M.Sc.

Reading list to be distributed.

#### Gv205 Theories and Concepts of Political Sociology (Seminar)

Dr Nossiter and Mrs de Kadt.

Sessional.

For M.Sc.

#### Gv206 Political Behaviour (Seminar)

Dr Nossiter and Mrs de Kadt. Michaelmas and Lent Terms.

For M.Sc.

#### Gv207 Revolutions and Social Movements (Seminar)

Dr Nossiter and Mrs de Kadt.

Lent and Summer Terms.

For M.Sc.

#### Gv208 The Aims and Methods of Governmental Planning

Professor Self. Eight lectures, Michaelmas Term.

For M.Sc. and other graduate students.

Optional for Dip.Soc. Plan.

**Syllabus** The modern scope of state activity. Theories of democratic planning and of the relations between the economic process and the political process. Types and levels of governmental planning. The location and functioning of planning units, and the organization of planning machinery. The relationship of plans to administrative action and co-ordination. The contribution of social sciences to planning. Methods of planning and the implementation of plans. **Recommended reading** will be announced weekly.

#### Gv209 Welfare, Politics and Economics (Seminar)

Professor Self. Michaelmas Term, in conjunction with Course Gv208. For M.Sc. Other interested undergraduate and graduate students may attend.

**Syllabus** The planning of public expenditure; national economic planning; regional planning. P.P.B.S.; Policy Planning; planning in local government; planning and public corporations; Cost-benefit analysis.

#### Gv210 An Introduction to Administrative Theories

Professor Self and Dr Regan. Eight lectures, Summer Term.

For M.Sc. and other graduate and undergraduate students interested.

**Syllabus** An introduction to the theoretical approach to public administration, including concepts of scientific management, organization theories, administrative sociology, and theories of the policy process. Administrative issues considered in the light of theories.

**Recommended reading** P. Meyer, *Administrative Organisation*; L. Gulick and L. Urwick, *Papers on the Science of Administration*; H. A. Simon, *Administrative Behaviour* (2nd edn.); M. Hill, *Sociology of Public Administration*; P. Self, *Administrative Theories and Politics*; C. E. Lindblom and D. Braybrooke, *The Policy Making Process*; J. G. March and H. A. Simon, *Organisations*; K. Boulding, *The Organisational Revolution*; D. Waldo, *The Administrative State*; R. Likert, *New Patterns of Management*; G. Vickers, *The Art of Judgement: Towards a Sociology of Management*; A. Etzioni, *Modern Organisations*; M. Albrow, *Bureaucracy*; N. P. Mouzelis, *Organisation and Bureaucracy*; M.

Crozier, *The Bureaucratic Phenomenon*. Further reading will be given during the course.

### Gv211 Urban and Regional Planning: Politics and Administration

Professor Self and Dr Regan. Fifteen lectures, Lent and Summer Terms.

For M.Sc.

**Syllabus** (a) The history and development of urban and regional planning. The evolution of public policies, legislation and government organization.

(b) The present system of planning administration, including plan making and implementation, and central-local relations.

(c) The politics of urbanisation and of the planning process.

(d) The relation of planning to housing and to social policies. The uses of planning research. The planning profession.

(e) Theories of the purposes and character of urban and regional planning. Methods of regional planning. Comparisons between British and other systems.

#### Recommended reading

A. TOWN AND COUNTRY PLANNING

A. Altshuler, *The City Planning Process*; W. Ashworth, *The Genesis of Modern British Town Planning*; J. B. Cullingworth, *Town and Country Planning in England and Wales* (2nd edn.); D. Foley, *Controlling London's Growth*; H. J. Gans, *People and Plans*; S. Greer, *The Emerging City*; J. A. G. Griffith, *Central Departments and Local Authorities* (chap. 5); Peter Hall, *London 2,000* (2nd edn.); D. Heap, *An Outline of Planning Law* (5th edn.); Jane Jacobs, *The Life and Death of Great American Cities*; D. R. Mandelker, *Green Belts and Urban Growth*; M. Meyerson and E. Banfield, *Politics, Planning and Public Interest*; Ministry of Housing and Local Government, *The Future of Development Plans*; F. J. Osborn and A. Whittick, *New Towns: The Answer to Megalopolis*; F. F. Rabinovitz, *City Politics and Planning*; P. Self, *Cities in Flood: the Problems of Urban Growth* (2nd edn.); Metropolitan Planning, *The Planning System of Greater London*; Skeffington Committee, *People and Planning*; J. Tetlow and A. Goss, *Homes, Towns and Traffic* (2nd edn.).

B. REGIONAL AND ECONOMIC PLANNING  
J. R. Boudeville, *Regional Economic Planning*; G. C. Cameron and B. D.

Clark, *Industrial Movement and the Regional Problem*; G. C. Cameron and G. L. Reid, *Scottish Economic Planning and the Attraction of Industry*; R. E. Dickinson, *The City Region in Western Europe*; J. Friedman and W. Alonso, *Regional Development and Planning*; J. and A. M. Hackett, *Economic Planning in France*; Hunt Committee, *The Intermediate Areas* (Cmnd. 3998); G. McCrone, *Regional Policy in Britain*; Joan Mitchell, *Groundwork to Economic Planning*; G. Myrdal, *Economic Theory and Underdeveloped Regions*; F. Oules, *Economic Planning and Democracy*; S. C. Orr and J. B. Cullingworth (Eds.), *Regional and Urban Studies*; P.E.P., *Regional Development in the European Economic Community*; B. C. Smith, *Regionalism in England*, 3 Vols.; J. Tinbergen, *Central Planning*; T. Wilson, *Papers on Regional Development; Policies on Regional Development*; Peter Hall, *The Theory and Practice of Regional Planning*; T. McGee, *The Urbanisation Process in the Third World*; F. Shaffer, *The New Town Story*; Ray Thomas, *London's New Towns; Aycliffe to Cumbernauld*; M. M. Watson, *Regional Development Policy and Administration in Italy*; R. E. Wraith and G. B. Lamb, *Public Inquiries as an Instrument of Government*.

### Gv212 Urban and Regional Planning: Politics and Administration (Seminar)

Professor Self, Professor G. W. Jones, Dr Regan and Dr Levin. Sessional. For M.Sc. Other students may attend only by permission.

### Gv213 Law and Administration (Seminar)

Professor Griffith, Dr Regan and Professor Jowell. Summer Term. For M.Sc. and other interested graduate students.

**Syllabus** This seminar will discuss the relationship between law and administration and the role of law in controlling the exercise of administrative discretion. The approach will be partly theoretical and partly applied. The main focus will be on the experience of Britain, France and North America.

**Recommended reading** K. C. Davis *et al*, *Discretionary Justice in Europe and America*; K. C. Davis, *Discretionary*

*Justice*; J. A. Farmer, *Tribunals and Government*; R. Gregory and P. G. Hutchesson, *The Parliamentary Ombudsman*; J. A. G. Griffith and T. C. Hartley, *Government and Law*; J. A. G. Griffith and H. Street, *Principles of Administrative Law* (5th edn.); J. Jowell, *Law and Bureaucracy*; P. Nonet, *Administrative Justice*; B. Schwartz and H. W. R. Wade, *Administrative Law in Britain and the United States*; R. A. Wraith and P. G. Hutchesson, *Administrative Tribunals*.

### Gv214 Public Enterprise

Professor Robson. Nine lectures, Lent Term.

For M.Sc.

**Syllabus** The distinctive features of public enterprise. Ideological and material influences determining the extent and scope of public enterprise in different countries. The principal spheres of public undertakings. The motives of State intervention. The role of public enterprise in a mixed economy. The principal types of institution used for administering public enterprises. Government departments, local authorities, joint stock companies etc. The public corporation: its constitutional, political, legal, financial and administrative characteristics. The Governing Board. The theory and practice of public corporations. Mixed enterprise. International public enterprise. The impact of the E.E.C. on nationalised industry. The Criteria of Performance. The organization and management of public undertakings. Types of structure. Control and accountability. Financial and economic policy. Relations with Parliament, Ministers, the courts etc. Corporate Planning. Consumers and consumer councils. Labour relations and joint consultation. Competition, conflict and monopoly in the public sector. Relations with the public. The aims and purposes of public enterprise. Rival concepts. The criteria of performance. Favourable and adverse conditions for the operation of public enterprise. Recent developments and new approaches.

**Recommended reading** W. A. Robson, *Nationalized Industry and Public Ownership*; W. A. Robson (Ed.), *Problems of Nationalized Industry; Mixed Enterprise* (National Westminster Bank quarterly Review, August 1972); A. H. Hanson (Ed.), *Nationalization*; A. H. Hanson,

*Parliament and Public Ownership*; A. H. Hanson, *Public Enterprise and Economic Development*; C. Foster, *Politics, Finance and the Role of Economics*; M. Shanks (Ed.), *The Lessons of Public Enterprise*; Stuart Holland (Ed.), *The State as Entrepreneur*; Lloyd Musolip, *Mixed Enterprise*; Leonard Tivey (Ed.), *The Nationalised Industries since 1960*; A. Chazel and H. Poyet, *L'Economie Mixte*; D. Coombes, *The Member of Parliament and the Administration; State Enterprise—Business or Politics*; R. Pryke, *Public Enterprise in Practice*; W. Thornhill, *The Nationalised Industries*; W. Friedmann and J. F. Garner (Eds.), *Government Enterprise*; Select Committee on Nationalised Industries, *Report on Ministerial Control*, Session 1967-68; *Report on Relations with the Public*, Session 1971-72; Norman Chester, *The Nationalization of British Industry, 1945-51*; G. S. Bhalla, *Financial Administration of Nationalised Industries in U.K. and India*; Centre Européen de l'Entreprise Publique, *Les entreprises dans la communauté économique Européenne*; Collège d'Europe, *Public Enterprises and Competition: Rapport sur les Entreprises Publiques* (NORA Report, Paris, 1967); N. S. Carey Jones and others, *Politics, Public Enterprise and the Industrial Enterprise Agency*; National Economic Development Office, *A Study of U.K. Nationalised Industries*, Report and Appendix Volume; International Legal Center, *Law and Public Enterprise in Asia*; K. Yoshitake, *An Introduction to Public Enterprise in Japan*.

### Gv215 Problems of Public Enterprise (Seminar)

Professor Robson. Nine meetings, Lent and Summer Terms. For M.Sc. Undergraduates may attend by permission.

### Gv216 Public Administration (Seminar)

Professor Self, Professor G. W. Jones, Dr Regan and Mr Dawson. Sessional. For M.Sc.

### Gv217 The British Civil Service (Seminar)

Professor Self, Professor G. W. Jones, Mr Dawson and Dr Regan. Lent Term.

For M.Sc. Optional for B.Sc. (Econ.) Part II and other interested undergraduate and graduate students. The seminar will include contributions from senior Civil Servants and others with experience of the workings of government.

**Gv218 France: Politics and Administration (Seminar)**

Sessional.  
This course will not be given 1977-78.

See also Course Gv164.

For M.Sc. and other interested graduate students.

**Gv219 West European Studies (Interdepartmental Seminar)**

Dr G. R. Smith, Mr Taylor, and Dr Sked. Fortnightly, Sessional. For M.Sc. and interested graduate students. The purpose of this seminar will be to explore problems of modernisation and change in contemporary Western Europe.

**Gv220 Soviet Problems (Seminar)**

Professor Schapiro and Mr Reddaway will hold a weekly seminar throughout the session on current political problems and on historical questions in the Soviet and Communist orbit for graduates working under their supervision. Others may attend strictly by invitation.

**Gv221 Russian Politics and Political Thought (Seminar)**

Mr Reddaway and Mrs de Kadt. Sessional.

For M.Sc. and other graduate students. The seminar will be concerned mainly with the syllabus for M.Sc.: *The Politics and Government of Russia*, but other interested graduate students may attend by arrangement.

**Gv222 Politics and Government of the Middle East**

Professor Kedourie. Ten lectures, Lent Term.  
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.

**Recommended reading** 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, "Şeriat as a Political Slogan" (*Middle Eastern Studies*, Vol. 7, No. 3, October 1971); D. Farhi, 'Nizami- Cedit—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 and 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*; E. Kedourie, *England and the Middle East; The Chatham House Version; Afghani and Abduh: Arabic Political Memoirs; In the Anglo-Arab Labyrinth*; 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); 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).

**Gv223 Government and Administration in New and Emergent States**

Mr Dawson. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc.; M.A. Area Studies. Optional for Dip. Soc. Plan. **Syllabus** The influence of indigenous and colonial administrative systems and of later reform movements, the background, values and attitudes of public officials, political and public perceptions of government. Administrative/political and civil service/military relationships, administrative behaviour in single party states. Public administration as an agency for change, innovation and planning, the significance of field administration, problems and methods of decentralisation, the role of public corporations.

**Recommended reading** Ralph Braibanti (Ed.), *Political and Administrative Development*; N. Caiden and A. Wildavsky, *Planning and Budgeting in Poor Countries*; F. Heady and S. L. Stokes (Eds.), *Papers in Comparative Public Administration*; S. Huntington, *Political Order in Changing Societies*; G. Hyden, *Development Administration in Kenya*; J. La Palombara (Ed.), *Bureaucracy and Political Development*; C. Leys (Ed.), *Politics and Change in Developing Countries*; R. S. Milne and K. J. Ratnam, *New States in a New Nation*. (Especially Chapters 6, 7 and 8); D. J. Murray (Ed.), *Studies in Nigerian Administration*; F. W. Riggs, *Frontiers of Development Administration*; I. Swerdlow, *The Public Administration of Economic Development*; H. Wriggins, *The Rulers Imperative*.

**Gv224 Government Regulation of the American Economy (Seminar)**

Professor Letwin. Fortnightly, Lent and Summer Terms.  
For graduate students.

**Gv225 Comparative Constitutions (Seminar)**

Mr Wolf-Phillips. Ten seminars, Lent Term.

For graduate students in the Government department and others by invitation.

**Gv226 European Multi-Party Systems**

Dr G. R. Smith.  
For M.Sc.

**Gv227 German Political Issues (Seminar)**

Dr G. R. Smith, Michaelmas and Lent Terms.  
For M.Sc. and others interested.

**Gv228 German National Socialism (Seminar)**

Dr G. R. Smith, Michaelmas and Lent Terms.  
For M.Sc.

**Gv229 The Politics and Government of Western Europe (Seminar)**

Dr G. R. Smith. Sessional.  
For M.Sc. and other interested graduate students.

**Gv230 Government and Politics in Eastern Europe (Seminar)**

Mr Schöpflin. Michaelmas and Lent Terms.  
For graduate students. Undergraduates may attend by permission.

**Gv231 An Introduction to Latin American Politics**

Dr Philip. Twenty lectures, Michaelmas and Lent Terms.  
For M.A. Area Studies and interested students.

**Gv232 Latin American Studies: The Military in Latin American Politics (Seminar)**

Dr Philip. Ten seminars, Lent Term.  
For M.A. Area Studies and interested graduate students.

**Gv233 Political Sociology in Latin America (Seminar)**

Dr Philip. Twenty seminars, Michaelmas and Lent Terms.  
For M.A. Area Studies and interested graduate students.

## Industrial Relations

### Id100 Industrial Relations: A Theoretical Analysis

Mr Winchester. Ten lectures, Michaelmas Term.

For graduate students.

**Syllabus** An analysis of theoretical approaches to the study of management, trade union and State organisation and policies; models of wage determination and collective bargaining processes; conceptual and ideological problems in industrial relations literature and research; the integration of multi-disciplinary approaches to industrial relations problems.

**Recommended reading** S. and B. Webb, *A History of Trade Unionism*; S. and B. Webb, *Industrial Democracy*; J. Dunlop, *Industrial Relations Systems*; H. A. Turner, *Trade Union Growth, Structure and Policy*; A. Flanders (Ed.), *Collective Bargaining*; O. Kahn-Freund, *Labour and the Law*; T. Burns (Ed.), *Industrial Man*; W. E. J. McCarthy (Ed.), *Trade Unions*; G. Sommers (Ed.), *Essays in Industrial Relations Theory*; R. Blackburn (Ed.), *Ideology in Social Science*; C. Kerr et al, *Industrialism and Industrial Man*; J. Galbraith, *The New Industrial State*; S. Perlman, *A Theory of the Labour Movement*; E. Hobsbawm, *Labouring Men*; R. Lester, *As Unions Mature*; R. Walton and R. McKersie, *A Behavioural Theory of Labor Negotiations*; N. Chamberlain, *Collective Bargaining*; R. Herding, *Job Control and Union Structure*; R. Hyman, *Marxism and the Sociology of Trade Unionism*; A. Fox, *Beyond Contract: Work, Power and Trust Relations*; E. M. Kassalow, *Trade Unions and Industrial Relations*; V. Allen, *The Sociology of Industrial Relations*; B. J. McCormick and E. Owen Smith (Eds.), *The Labour Market*; G. Ingham, *Strikes and Industrial Conflict*; M. Warner (Ed.), *The Sociology of the Workplace*; J. Child (Ed.), *Man and Organisation*; G. Bain et al, *Social Stratification and Trade Unionism*; H. A. Clegg, *Trade Unionism Under Collective Bargaining*; R. Hyman, *Social Values and Industrial Relations*; G. D. H. Cole, *Self-Government in Industry*; N. Chamberlain, *A General Theory of Economic Processes*. See also *British Journal of Industrial Relations*; *Industrial and Labour Relations Review*; *The Journal of Industrial Relations*.

### Id101 Industrial Relations: A Comparative Analysis

Professor Roberts. Ten lectures, Michaelmas Term.

For M.Sc.; The Trade Union Studies course; Dip. Personnel Management; and other graduate and undergraduate students.

**Syllabus** Some aspects of the development of industrial relations in the U.S.A., U.S.S.R., and Europe. The development of trade union organization, functions and methods of collective bargaining. The role of the state with reference to wage determination and the settlement of industrial conflicts. The pattern of industrial relations at the plant level.

**Recommended reading** I. Deutscher, *Soviet Trade Unions*; G. R. Barker, *Some Problems of Incentives and Labour Productivity in Soviet Industry*; F. R. Dulles, *Labor in America*; H. W. Davey, *Contemporary Collective Bargaining*; D. H. Wollett and B. Aaron, *Labor Relations and the Law*; Thomas Lowit, *Le Syndicalisme de Type Soviétique*; E. M. Kassalow, *Trade Unions and Industrial Relations*; J. D. Reynaud, *Les Syndicats en France*; M. Stewart, *Employment Conditions in Europe*; M. Bouvard, *Labor Movements in the Common Market Countries*; H. J. Spiro, *The Politics of German Co-determination*; K. F. Walker, *Australian Industrial Relations Systems*; B. C. Roberts, *Labour in the Tropical Territories of the Commonwealth*; A. F. Sturmthal, *Contemporary Collective Bargaining in Seven Countries*; B. C. Roberts (Ed.), *Industrial Relations: Contemporary Issues*; *British Journal of Industrial Relations* (Special Issue on Japan, July 1965, Vol. III, No. 2); F. Harbison and C. Myers, *Management in the Industrial World*; A. F. Sturmthal, *Workers' Councils*; A. A. Sloane and F. Witney, *Labor Relations*; J. P. Windmuller, *Labor Relations in the Netherlands*; H. H. Wellington, *Labor and the Legal Process*; Hans Gunter, *Transnational Industrial Relations*; I.L.O., *Collective Bargaining in Industrialised Market Economies*; E. Jacobs, *European Trade Unionism*; W. Kendall, *The Labour Movement in Europe*; S. Barkin, *Worker Militancy and Its Consequences 1965-1975*; B. Aaron and

K. W. Wedderburn, *Industrial Conflict—A Comparative Legal Survey*; B. C. Roberts and Bruno Liebhberg, 'The European Trade Union Confederation: Influence of Regionalism, Detente and Multinationals', in *British Journal of Industrial Relations* (Vol. XIV, No. 3, November 1976).

### Id100/101(a) Industrial Relations: A Theoretical and Comparative Analysis

Mr Winchester and Mr Meredeen. Fifteen seminars, Lent and Summer Terms.

For M.Sc.; Dip. Personnel Management.

### Id102 Industrial Relations and Personnel Management: Problems and Issues

Lady Seear, Mr R. M. Lewis, Mr Wood and Mr Meredeen.

Twenty-five seminars, Sessional.

For M.Sc.

**Syllabus** An analysis of policy issues in British industrial relations: State planning and industrial relations—incomes policies, labour market mechanisms, and the legal framework, collective bargaining—historical and contemporary developments; workplace industrial relations—pay systems and structures and the role of shop stewards and supervisors; trade union structure and development, political behaviour and inter-union relations; management organisation and objectives, the personnel function and employers' associations. Manpower planning as an aspect of corporate planning; recruitment and selection policies and practices; establishing training policies and procedures; the organisation and evaluation of training; promotion policies and management development; wage and salary policies and methods, job satisfaction and the quality of working life; social responsibilities of management.

**Recommended reading** E. H. Phelps Brown, *The Growth of British Industrial Relations*; H. A. Clegg, *The System of Industrial Relations in Great Britain*; A. Flanders, *The Fawley Productivity Agreements*; G. S. Bain, *The Growth of White Collar Unionism*; K. W. Wedderburn, *The Worker and the Law*; A. Fox, *A Sociology of Work in Industry*; R. O. Clarke et al, *Workers' Participation in Management in Britain*;

W. Brown, *Piecework Bargaining*; W. E. J. McCarthy and N. D. Ellis, *Management by Agreement*; W. E. J. McCarthy (Ed.), *Trade Unions*; K. W. Wedderburn and P. L. Davies, *Employment Grievances and Disputes Procedures in Britain*; R. Simpson and J. Wood, *Industrial Relations and The 1971 Act*; J. Eldridge, *Industrial Disputes*; K. Coates and T. Topham, *The New Unionism*; A. Marsh, *Workplace Industrial Relations in Engineering*; K. Hawkins, *Conflict and Change*; J. Goodman and T. Whittingham, *Shop Stewards*; R. Hyman, *Strikes*; P. Jenkins, *The Battle of Downing Street*; A. Beynon, *Working for Ford*; T. Lane and K. Roberts, *Strike at Pilkingtons*; E. Wigham, *The Power to Manage*; J. Hinton, *The First Shop Stewards' Movement*; I. Richter, *Political Purpose in Trade Unions*; D. Mackay et al, *Labour Markets Under Different Employment Conditions*; D. Jackson et al, *Do Unions Cause Inflation?*; K. Coates and T. Topham (Eds.), *Workers' Control*; F. Blackaby (Ed.), *An Incomes Policy for Britain*; R. Hyman, *Disputes Procedures*; Report of the Royal Commission on Trade Unions and Employers' Associations 1965-68 (Cmnd. 3623); Research Papers published by the Royal Commission, Nos. 1-11; The Industrial Relations Act 1971; J. Child, *British Management Thought*; J. Child, *The Business Enterprise in Modern Industrial Society*; R. L. Craig and L. R. Bittel, *Training and Development Handbook*; P. Hesseling, *Strategy of Evaluation Research in the field of supervisory and managerial training*; A. J. Jaffe and J. Froomkin, *Technology and Jobs*; B. Livy, *Job Evaluation*; S. Murkherjee, *Changing Manpower Needs*; E. W. Vetter, *Manpower Planning for High Talent Personnel*; V. H. Vroom and E. L. Deci (Eds.), *Management and Motivation*. See also *British Journal of Industrial Relations*; *Personnel Management Quarterly*; *The Journal of Management Studies*.

### Id103 Current Labour and Management Problems

Professor Roberts,

Mr Winchester and members of the department. Sessional.

An interdisciplinary seminar with visiting speakers on the problems of industrial relations. Open to graduates taking labour economics, labour law, industrial sociology, industrial relations and related subjects.

### Id104 Industrial Relations

Mr Wood and Mr Meredeen.  
Twenty Lectures. Michaelmas and Lent Terms.  
For Trade Union Studies course; Dip. Personnel Management; Dip. Systems Analysis and Design; B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc.; M.Sc. **Syllabus** Analysis of the structure of the British system of industrial relations. The growth, organization and ideology of the trade unions. Factors determining the pattern of industrial relations at the level of the enterprise. The dynamics of collective bargaining. The role of management and employers' associations. Relations at the national level between trade unions, employers and the Government. Functions of the Department of Employment and statutory bodies. Theories of industrial relations.  
**Recommended reading** E. H. Phelps Brown, *The Growth of British Industrial Relations*; H. A. Clegg, *The System of Industrial Relations in Great Britain*; B. C. Roberts (Ed.), *Industrial Relations; Contemporary Problems and Perspectives*; A. Flanders, *Management and Unions*; B. C. Roberts, *Trade Union Government and Administration in Great Britain*; Report of the Royal Commission on Trade Unions and Employers' Associations 1965-1968 (Cmnd. 3623); Research Papers published by the Royal Commission, Nos. 1-11; W. E. J. McCarthy, *The Closed Shop in Britain*; V. L. Allen, *Trade Unions and the Government*; A. Flanders (Ed.), *Collective Bargaining*; A. Marsh, *Workplace Industrial Relations in Engineering*; W. Paynter, *British Trade Unions and the Problem of Change*; W. E. J. McCarthy (Ed.), *Trade Unions*; D. Pym (Ed.), *Industrial Society*; K. W. Wedderburn, *The Worker and the Law*; R. O. Clarke et al, *Workers' Participation in Management in Britain*; B. C. Roberts et al, *Reluctant Militants*; K. Hawkins, *Conflict and Change*; Hans Gunter, *Transnational Industrial Relations*; O. Kahn-Freund, *Labour and the Law*; J. Goodman and T. Whittingham, *Shop Stewards*; R. Hyman, *Strikes*; G. Bain, *The Growth of the White Collar Unions*; H. A. Clegg, *Trade Unionism Under Collective Bargaining*.

### Id104(a) Industrial Relations (Class)

Mr Winchester. Sessional.  
For the Trade Union Studies course.

### Id104(b) Industrial Relations (Class)

Mr Wood and Mr Meredeen.  
Sessional.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc.

### Id104(c) Industrial Relations (Class)

Mr. Meredeen. Sessional.  
For M.Sc.; Optional for Dip. Systems Analysis and Design.

### Id105 Trade Unions in Britain: a Political History

Professor Roberts. Ten lectures, Michaelmas Term.  
For the Trade Union Studies course; graduate students.  
**Syllabus** The course will cover selected aspects of trade union developments from the foundation of the T.U.C. to the present day.  
**Recommended reading** B. C. Roberts, *The Trades Union Congress, 1868-1921*; J. Lovell and B. C. Roberts, *A Short History of the T.U.C.*; W. J. Davis, *History and Recollections of the T.U.C.* (2 Vols.); S. and B. Webb, *A History of Trade Unionism*; H. A. Clegg, A. Fox and A. F. Thompson, *A History of British Trade Unions since 1889* (Vol. I, 1889-1910); R. Postgate, *The Builders' History*; G. D. H. Cole, *A Short History of the British Working-Class Movement, 1789-1947*; *History of the Labour Party*; H. M. Pelling, *The Origins of the Labour Party, 1880-1900*; W. H. Crook, *The General Strike*; G. A. Phillips, *The General Strike*; R. C. K. Ensor, *England, 1870-1914*; E. Halévy, *A History of the English People—Epilogue*, Vol. I, 1895-1905, Vol. II, 1905-1915; J. B. Jefferys, *The Story of the Engineers*; *Annual Reports of the Trades Union Congress*; F. Bealey and H. M. Pelling, *Labour and Politics, 1900-1906*; Martin Harrison, *Trade Unions and the Labour Party since 1945*; V. L. Allen, *Trade Unions and the Government*; E. P. Thompson, *The Making of the English Working Class*; R. Harrison, *Before the Socialists: Studies in Labour and Politics, 1861-1881*; A. J. P. Taylor, *English History, 1914-1945*; E. Wigham, *The Power to Manage*.

### Id106 Industrial Sociology

Mr Thurley, Dr S. R. Hill, and Mr Wood. Twenty-five lectures, Sessional.  
For graduate students with previous sociological training.  
**Syllabus** Industrialization and social structure. Social class theories. Social power, elites, and ruling classes. The internal structure of the working class and the position of white-collar workers. Racial and sexual discrimination in industry. Occupations in industry. Occupational structure and analysis. Theory of bureaucracy and other models of organization. Organizational conflict and sectional interests. Innovation and professional workers in organizations. Trade Unions as organizations. Conflict and the employment relationship. Orientations to work: 'traditional' and 'modern' workers. Culture and work behaviour: the Japanese case. Work groups, technical factors and the structure of the workplace. 'Human relations'. Alienation, job satisfaction and technology. Motivation theory. Supervision and management. Work and leisure.  
**Recommended reading** H. Beynon, *Working for Ford*; A. Fox, *A Sociology of Work in Industry*; M. Mann, *Consciousness and Action among the Western Working Class*; D. Silverman, *The Theory of Organisations*; J. Goldthorpe and D. Lockwood, *The Affluent Worker*; R. Dore, *Japanese Factory—British Factory*; R. Cole, *Japanese Blue Collar*; L. Sayles, *Behaviour of Industrial Work Groups*; T. Lupton, *On the Shop Floor*; S. Cunison, *Wages and Work Allocation*; J. Kuhn, *Bargaining in Grievance Settlement: The Power of Industrial Work Groups*; W. Daniel, *Beyond the Wage-work Bargain*; R. Blauner, *Alienation and Freedom*; A. Touraine, *Workers' Attitudes to Technical Change*; M. Mann, *Workers on the Move*; W. Baldamus, *Efficiency and Effort*; K. Thurley and H. Wirdenius, *Supervision: A Reappraisal*; R. Hall, *Occupations and the Social Structure*; B. Moore, *Social Origins of Dictatorship and Democracy*; A. Giddens, *The Class Structure of the Advanced Societies*; R. Neale, *Class and Ideology in the Nineteenth Century*; G. Bain, D. Coates and V. Ellis, *Social Stratification and Trade Unionism*; M. Crozier, *The World of the Office Worker*; A. Sturmtal (Ed.), *White-*

*Collar Trade Unions*; G. Bain, *The Growth of White-Collar Unionism*; J. Urry and J. Wakeford, *Power in Britain*; J. Child, *British Management Thought*; T. Nichols, *Ownership, Control and Ideology*; V. Allen, *The Sociology of Industrial Relations*; G. Mackenzie, *The Aristocracy of Labour*; T. Caplow, *The Sociology of Work*; L. Hunter and G. Reid, *Urban Worker Mobility*; P. Hollowell, *The Lorry Driver*; M. Butler, *Occupational Choice*; M. Albrow, *Bureaucracy*; M. Crozier, *The Bureaucratic Phenomenon*; P. Blau and W. Scott, *Formal Organisations*; C. Sofer, *Organisations in Theory and Practice*; P. Lawrence and J. Lorsch, *Organisation and Environment*; J. Jackson (Ed.), *Professions and Professionalization*; T. Johnson, *Professions and Power*; G. Millerson, *The Qualifying Associations*; T. Burns and G. Stalker, *The Management of Innovation*; M. Dalton, *Men Who Manage*; E. Hobsbawm, *Labouring Men*; T. Burns, *Industrial Man*; J. Child, *Man and Organization*; M. Warner, *The Sociology of the Workplace*; D. Bell, *The Coming of Post-Industrial Society*; R. Blackburn, *Ideology in Social Science*; R. Hyman, *The Workers' Union*; H. Braverman, *Labor and Monopoly Capital*; M. Bulmer (Ed.), *Working Class Images of Society*; F. Parkin, *The Social Analysis of Class Structure*; R. Herding, *Job Control and Union Structure*; A. Fox, *Beyond Contract*; S. R. Hill, *The Dockers*; J. Habermas, *Legitimation Crisis*.

### Id106(a) Industrial Sociology

Weekly seminar groups in connection with Course Id106.

### Id107 Industrial Organisation: Theory and Behaviour (I)

Mr Wood, Mr Thurley and Mr Guest. Twenty-five lectures (and cases), Sessional.  
For Dip. Systems Analysis; M.Sc. **Syllabus** Motivation; rewards and job satisfaction; individual differences; the individual and group formation; leadership; learning; concepts of frustration and aggression; social perception; occupations; workplace organisation; interest groups; organisational structure, roles and constraints; conflict, power and legitimacy; the problem of bureaucracy; computers and decision making processes; strategies of change; current organisational problems.

**Recommended reading** P. B. Warr (Ed.), *Psychology at Work*; P. B. Smith, *Groups within organisations*; V. H. Vroom, *Work and Motivation*; L. Berkowitz, *Aggression, a social psychological analysis*; D. H. Holding, *Principles of training*; L. Davis and J. C. Taylor (Eds.), *Job Design*; J. Child (Ed.), *Man and Organisation*; T. Burns and G. Stalker, *Industrial Organisation—theory and practice*; C. Sofer, *Organisations in Theory and Practice*; L. Sayles, *Management Behaviour*; F. Taylor, *Scientific Management*; E. Mayo, *The Social Problems of Industrial Civilisation*; T. Lupton, *Management and the Social Sciences*; G. Salaman and K. Thompson, *People and Organisations*; C. Perrow, *Complex Organisations*; K. Thurley and H. Wirdenius, *Supervision: a Reappraisal*; W. G. Bennis, *Planned Organisational Change*; A. Bowey (Ed.), *Handbook of Salary and Wage Systems*; M. Rose, *Industrial Behaviour*; D. Silverman, *The Theory of Organisations*; M. Crozier, *The Bureaucratic Phenomenon*; M. Albro, *Bureaucracy*; A. Hopwood, *Accounting and Human Behaviour*; G. K. Zollschan and W. Hirsch (Eds.), *Explorations in Social Change*.

**Id107(a) Industrial Organisation: Theory and Behaviour (Class)**  
Mr Wood in connection with Course Id107.

**Id108 Industrial Organisation: Theory and Behaviour (II)**  
Mr Wood, Mr Thurley and Mr Guest. Fifteen lectures, Lent and Summer Terms.  
For M.Sc.; Dip. Personnel Management.  
**Syllabus** as for Course Id107  
Course is taken in conjunction with parts of Course Id106 and Id113.  
**Recommended reading** as for Course Id107. Further specialised reading will be recommended for this Course.

**Id108(a) Industrial Organisation: Theory and Behaviour (II)**  
Mr Thurley, Mr Wood and Mr Guest. Twenty-five seminars, Sessional.

**Id109 Sociology of Industrial Relations (Seminar)**  
Mr Winchester and Mr Wood. Sessional.  
For Trade Union Studies students.

**Id110 Economics for Students of Industrial Relations**  
Mr Gennard. Twenty-five lectures, Sessional.

For Trade Union Studies; Dip. Soc. Plan. and graduate students with no previous training in Economics.  
**Syllabus** The nature and scope of economics; the laws of demand; the theory of the firm, perfect competition, monopoly, monopolistic and oligopolistic types of competition. The theory of factor pricing; marginal productivity theory; the supply of labour; extensions of the marginal productivity theory; relative wages and labour mobility. Trade unions and economic theory; sources of union power; trade union wage policy; trade union growth theory; collective bargaining; the economics of strikes. Keynesian theory of employment and contemporary problems of employment, wages and full employment. The influence of product and labour markets on industrial relations systems.

**Recommended reading** P. A. Samuelson, *Economics, An Introduction*; W. E. J. McCarthy (Ed.), *Trade Unions*; B. J. McCormick (Ed.), *Introducing Economics*; B. J. McCormick, *Wages*; A. R. Rees, *The Economics of Trade Unions*; H. A. Turner et al, *Do Trade Unions Cause Inflation?*; A. R. Prest (Ed.), *The U.K. Economy: A Manual of Applied Economics*; Frank Blackaby, *An Incomes Policy for Britain*.

**Id110(a) Economics for Students of Industrial Relations (Class)**  
Mr Gennard. Twenty-five classes, Sessional.

For the Trade Union Studies course.

**Id111 Manpower Studies (Seminar)**  
Mr Gennard. Fortnightly, Sessional.  
For M.Sc.  
**Syllabus** Industrial, occupational and Regional distribution of the manpower stock; employment trends and manpower reserves; forecasting of manpower requirements, participation rates, labour mobility, economics of training. Information in the

labour market; government manpower programmes, manpower planning and national economic objectives.

**Recommended reading** M. Blaug (Ed.), *Economics of Education, Vols. 1 and 2*; M. Blaug, *Economics of Education*; G. S. Becker, *Human Capital*; Manpower Paper No. 1, *Company Manpower Planning*; D. M. Lamberton (Ed.), *Economics of Information and Knowledge*; Manpower Symposium in *British Journal of Industrial Relations*, July 1972; B. Ahamad and M. Blaug (Eds.), *The Practice of Manpower Forecasting*; J. S. Wabe, *Problems in Manpower Forecasting*; D. J. Bartholomew, *Manpower Planning*.  
Students taking this course are also referred to Course Ec196 Economics of Education and Manpower Planning.

**Id112 Economics of Trade Unions (Seminar)**

Mr Gennard. Sessional.

For M.Sc.

**Syllabus** Trade union growth theory; nature and source of trade union power; restrictive practices; union wages policy; collective bargaining models; union/non-union wages; impact of union on wage levels; labour and inflation; economics of strikes; labour markets; industrial relations and economic efficiency; unemployment.  
**Recommended reading** B. Fleischer, *Labour Economics*; R. Perlman, *Labour Theory*; B. J. McCormick and E. Owen-Smith, *The Labour Market*; A. Rees, *The Economics of Trade Unions*; Institute of Economic Affairs, *Inflation and the Unions*; M. Fisher, *The Economic Analysis of Labour*; W. E. J. McCarthy (Ed.), *Trade Unions*; M. Fisher, *Measurement of Labour Disputes and their Economic Effects* (O.E.C.D.), 1973; D. Jackson et al, *Do Trade Unions cause Inflation?*

**Id113 Industrial Psychology**

Mr Guest. Twenty-four lectures, Sessional.

For graduate students appropriately qualified.

**Syllabus** The formation and influence of work groups. The formation and influence of attitudes. Leadership and communication in the workplace. The influence of individual differences on the utilization of human resources. The

psychology of industrial conflict:— application of concepts from perception, motivation, frustration—aggression and group theory to the analysis of absenteeism, accidents, labour turnover, strikes and collective bargaining. Motivation, reward systems, job satisfaction and productivity. Application of psychology of management—selection and testing; appraisal and counselling; training and development; the management of change; job design; ergonomics; worker participation.

**Recommended reading** M. L. Blum and J. C. Naylor, *Industrial Psychology*; P. B. Warr (Ed.), *Psychology at Work*; V. H. Vroom, *Work and Motivation*; P. B. Warr, *Psychology and Collective Bargaining*; V. H. Vroom and E. L. Deci (Eds.), *Management and Motivation*; D. Katz and R. L. Kahn, *The Social Psychology of Organizations*; R. Stagner and H. Rosen, *The Psychology of Union-Management Relations*; I. Davis and J. C. Taylor (Eds.), *Design of Jobs*; E. E. Lawler, *Pay and Organizational Effectiveness*; T. P. Campbell, M. D. Dunnette, E. E. Lawler and K. E. Weick, *Managerial Behaviour, Performance and Effectiveness*.

**Id113(a) Industrial Psychology (Class)**

In connection with Course Id113.

**Id114 Labour Law (Seminar)**

Professor Wedderburn and Mr R. M. Lewis. Sessional.

For M.Sc.

**Syllabus** (a) *General themes*: the role of the law in industrial relations. The impact of legal rules, sanctions and institutions on collective bargaining and industrial conflict. Current legal policy issues in industrial relations, the Industrial Relations Act, 1971, the Trade Union and Labour Relations Act, 1974, the Employment Protection Act, 1975. (b) *The law of collective bargaining*: the legal enforceability of collective agreements. Relationship of collective negotiations to the contract of employment. Drafting of collective agreements. The legal regulation of trade union recognition, membership and the closed shop. Disclosure of information. Industrial democracy and the law including company law aspects. (c) *The law of industrial conflict*: legal liabilities for direct industrial action. The legal responsibility of unions for shop stewards. The



industrial relations implications of legal sanctions. Statutory prices and incomes policies. Disputes procedures including special procedures for dismissals, discipline, redundancy and racial discrimination. The law and procedural negotiations. Conciliation, arbitration and inquiry. Voluntary and statutory machinery.

(d) *Trade union law*: the legal framework for trade union government, democracy and inter-union relations. Legislative policies and trade union administration.

**Recommended reading** K. W. Wedderburn, *The Worker and the Law* (2nd edn.); *Cases and Materials on Labour Law*; K. W. Wedderburn and P. L. Davies, *Employment Grievances and Dispute Procedures in Britain*; B. Aaron (Ed.), *Dispute Settlement Procedures in Five Western European Countries*; Conservative Party, *Fair Deal at Work*; C. Grunfeld, *Modern Trade Union Law*; R. Y. Hedges and A. Winterbottom, *Legal History of Trade Unionism*; B. Hepple, *Race, Jobs and the Law in Britain*; *In Place of Strife* (Cmnd. 3888, 1969); C. Jenkins and J. Mortimer, *The Kind of Laws the Unions Ought to Want*; O. Kahn-Freund (Ed.), *Labour Relations and the Law*; O. Khan-Freund, *Labour Law: Old Traditions and New Developments*; *Labour and the Law*; W. E. J. McCarthy, *The Closed Shop in Britain*; *Report of the Royal Commission on Trade Unions and Employers' Associations 1965-1968* (Cmnd. 3623); Royal Commission Research Papers No. 2, Part 1, *Disputes Procedures in British Industry*; Part 2, *Disputes Procedures in Britain*; No. 8, *Three Studies in Collective Bargaining*; B. L. Adell, *Legal Status of Collective Agreements in England, U.S.A. and Canada*; B. Aaron and K. W. Wedderburn (Eds.), *Industrial Conflict: A Comparative Legal Survey*; R. Rideout, *Principles of Labour Law*; B. Aaron (Ed.), *Labour Courts and Grievance Settlement in Western Europe*; R. Simpson and J. Wood, *Industrial Relations and the 1971 Act*; B. Weekes *et al*,

#### Course in Trade Union Studies

Lectures and classes will be provided in the following subjects: Economics, Contemporary Trade Unionism and Industrial Relations; British Economic and Social History with special reference to the growth of labour movements; Law, with special reference to trade unionism; Political Organization in Great Britain; Industrial Sociology and Psychology; Elementary Statistics and Business Finance.

*Industrial Relations and the Limits of the Law.*

#### Id115 Industrial Relations and Labour Law (Class)

Mr R. M. Lewis and Mr Wood. Michaelmas and Lent Terms. In connection with courses Id104 and LL162  
For Dip. Personnel Management.

#### Id116 Trade Union Problems (Seminar)

Mr Gennard, Mr Winchester and guest speakers. Lent and Summer Terms.  
Admission is strictly limited to the Trade Union Studies course.

#### Id117 Research Methods in Industrial Relations (Seminar)

(i) Mr Gennard and Mr Wood. Sessional.  
For research students in Industrial Relations.

(ii) Mr Gennard. Lent Term.  
For the Trade Union Studies course; M.Sc.

#### Id118 Current Problems in Industrial Relations Research and Practice (Seminar)

Mr Wood. Twelve seminars, Sessional.  
For M.Phil. and Ph.D. students

Students are also referred to the following courses:

Ec174 **Labour Economics**

EH130 **British Labour History**

LL162 **Elements of Labour Law**

SA202 **Industrial Psychology**

## International History

The department's undergraduate teaching falls into two main divisions:

For the B.Sc. (Econ.) (a) **International History**  
(b) **Government and History**

For the B.A. Honours in History

### INTRODUCTORY UNDERGRADUATE COURSES

#### Hy100 Political History 1789-1941

Dr Sked and Mr Robertson. Twenty lectures and five seminars, Sessional.  
For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Act. Sci. 1st yr.; B.A. Hist. 1st and 2nd years.

**Syllabus** A general survey of European History in the period with some attention to developments outside Europe.

**Recommended reading** J. McManners, *Lectures on European History, 1789-1914*; F. L. Ford, *Europe, 1780-1830*; H. Hearder, *Europe in the Nineteenth Century, 1830-1880*; J. Roberts, *Europe, 1880-1945*; M. S. Anderson, *The Ascendancy of Europe, 1815-1914*; J. B. Joll, *Europe since 1870*; D. C. Watt, F. Spencer and N. Brown, *A History of the World in the Twentieth Century*; relevant vols. of *The Fontana History of Europe*.

Further reading will be given during the course.

#### Hy100(a) Classes

Sessional. In connection with Course Hy100.

#### Hy101 World History since 1890

Mr Grün. Twenty lectures and five seminars, Sessional.

For B.Sc. (Econ.) Parts I and II; B.A. Hist. 2nd year; B.A. c.u. main field French Studies 2nd yr.

**Syllabus** A general political survey of the twentieth century in a world-wide context with special emphasis on the changing role of Europe in an age of wars and revolutions.  
**Recommended reading** D. C. Watt, F. Spencer and N. Brown, *A History of the World in the Twentieth Century*; A. B. Ulam, *Expansion and Coexistence*; W. Knapp, *A History of War and Peace 1939-1965*.

Further reading will be given during the course.

#### Hy101(a) Classes

Sessional. In connection with Course Hy101.

#### Hy102 The History of European Ideas since 1700

Professor Anderson and Professor Joll. Twenty lectures and five seminars, Sessional.

For B.Sc. (Econ.) Parts I and II; B.A. Hist.; B.A. c.u. main field French Studies 1st year.

**Syllabus** A study of the main currents of thought which affected the domestic history of European states and influenced the relations between them.

**Recommended reading** N. Hampson, *The Enlightenment*; F. H. Hinsley, *Power and the Pursuit of Peace*; G. L. Mosse, *The Culture of Western Europe*; G. Lichtheim, *Europe in the Twentieth Century*.  
Further reading will be given during the course.

#### Hy102(a) Classes

Sessional. In connection with Course Hy102.

### SPECIALIST UNDERGRADUATE COURSES

#### Hy110 English History, 1042-1399 (Class)

Mr Gillingham. Classes, sessional in association with Course Hy201. This course will not be given in 1977-78.

For B.Sc. (Econ.) Part II.

**Syllabus** Against a background of social change and the requirements of war, the main theme will be the development of England as a state; the impact of the Norman Conquest upon its Anglo-Saxon foundations; the tensions between Church and State; the Angevin revolution in government; the origins of the common law and the rise of representative institutions.

**Suggested reading** F. Barlow, *The Feudal Kingdom of England*; D. J. A. Matthew, *The Norman Conquest*; A. L. Poole, *From Domesday Book to Magna Carta*; J. C. Holt, *Magna Carta*; M. H. Keen, *England in the Later Middle Ages*; M. McKisack, *The Fourteenth Century*; C. H. Lawrence (Ed.), *The English Church and the Papacy in the Middle Ages*; E. B. Fryde and E. Miller (Eds.), *Historical Studies of the English Parliament*, Vol. 1; S. F. C. Milsom, *Historical Foundations of the Common Law*.

#### Hy111 English History, 1399–1603 (Class)

Dr Starkey. Sessional. In connection with Course Hy202. For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog.

#### Hy112 British History, 1603–1750 (Class)

Dr Starkey and Dr McKay. Sessional. In connection with Course Hy202. For B.Sc. (Econ.) Part II.

#### Hy113 International History, 1494–1815

Professor Anderson, Professor Hatton and Dr McKay. Twenty-five lectures, Sessional. For B.Sc. (Econ.) Part II; B.A. Hist.; M.A. and M.Sc. **Syllabus** Political and diplomatic history, mainly of the European Great Powers, with some reference to the evolution of diplomatic practice. **Recommended reading** D. B. Horn, *The British Diplomatic Service, 1689–1789*; G. Mattingly, *Renaissance Diplomacy*; D. B. Horn, *Great Britain and Europe in the Eighteenth Century*; G. Zeller, *Les Temps Modernes*, Pts. i and ii (in the series *Histoire des Relations Internationales*, ed. P. Renouvin); A. Fugier, *La Révolution Française et l'Empire Napoléonien* (in the same series); A. Sorel, *L'Europe et la Révolution Française*, Vol. I, *Les Moeurs et les Traditions*; *New Cambridge Modern History*, relevant chaps. of Vols. I–IX; W. L. Langer (Ed.), *The Rise of Modern Europe*, relevant portions from the volumes covering this period; or from the relevant volumes in the series *Clio: Introduction aux Etudes Historiques*.

Further reading on particular aspects or periods will be given during the course.

#### Hy113(a) Classes

Sessional. In connection with Course Hy113.

#### Hy114 European History, c. 1600–1789 (Class)

Dr McKay. Classes, Sessional. For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 1st yr. **Syllabus** A study of European politics in the age of absolutism. Students will be encouraged to pursue their own particular interests, which will be reflected in the examination. **Recommended reading** will be given during the course.

#### Hy115 European History, 1789–1945 (Class)

Dr Bullen. Classes, Michaelmas and Lent Terms. For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr. **Syllabus** A general political survey of European history from the French Revolution to the Second World War, with special emphasis on wars, revolutions and Europe's relations with the outside world. **Recommended reading** G. Rudé, *Revolutionary Europe*; F. L. Ford, *Europe 1780–1830*; M. S. Anderson, *The Ascendancy of Europe*; J. B. Joll, *Europe since 1870*; R. A. C. Parker, *Europe 1919–1945*. Further reading will be given during the course.

#### Hy116 International History, 1815–1914

Professor Bourne, Dr Bullen and Professor Joll. Twenty-five lectures, Sessional. For B.Sc. (Econ.) Part II; B.A. Hist.; B.A./B.Sc. c.u. main field Geog.; M.A. and M.Sc. **Syllabus** The history of international relations with special reference to the policies of the Great Powers and to the factors affecting them. **Recommended reading** H. Hearder, *Europe in the Nineteenth Century*; J. M. Roberts, *Europe 1880–1945*; R. Albrecht-Carrié, *A Diplomatic History of Europe since the Congress of Vienna*; M. S. Anderson, *The*

*Ascendancy of Europe, 1815–1914*; R. W. Seton-Watson, *Britain in Europe, 1789–1914*; J. Joll (Ed.), *Britain and Europe from Pitt to Churchill*; K. Bourne, *The Foreign Policy of Victorian England*; M. S. Anderson, *The Eastern Question*; F. H. Hinsley, *Power and the Pursuit of Peace*; A. J. P. Taylor, *The Struggle for Mastery in Europe*; H. Feis, *Europe, the World's Banker*; G. F. Hudson, *The Far East in World Politics*; L. Lafore, *The Long Fuse*. See also W. N. Medlicott, *Modern European History, 1789–1945, A Select Bibliography*; and A. L. C. Bullock and A. J. P. Taylor, *Books on European History, 1815–1914*. Further reading on particular aspects will be given during the course.

#### Hy116(a) Classes

Sessional. In connection with Course Hy116.

#### Hy117 International History since 1914

Mr Grün and Professor Watt. Twenty-five lectures, Sessional. For B.Sc. (Econ.) Part II; B.A. Hist.; B.A./B.Sc. c.u. main field Geog.; M.A. and M.Sc. **Syllabus** The political and diplomatic history of the period, with due attention to both European and non-European developments. **Recommended reading** G. M. Gathorne-Hardy, *A Short History of International Affairs, 1920–1939* (4th edn.); F. P. Walters, *A History of the League of Nations*; A. Wolfers, *Britain and France between Two Wars*; W. N. Medlicott, *The Coming of War in 1939* (Historical Association pamphlet, No. G52); G. M. Carter, *The British Commonwealth and International Security*; H. I. Nelson, *Land and Power*; A. L. C. Bullock, *Hitler: A Study in Tyranny*; E. Wiskemann, *The Rome-Berlin Axis; Europe of the Dictators, 1919–1945*; M. Beloff, *The Foreign Policy of Soviet Russia, 1929–1941*; J. T. Pratt, *War and Politics in China*; H. Feis, *The Road to Pearl Harbor*; Churchill, *Roosevelt, Stalin: Between War and Peace, The Potsdam Conference*; Llewelyn Woodward, *British Foreign Policy in the Second World War*; C. A. Macartney and A. W. Palmer, *Independent Eastern Europe*; L. E. Kochan, *The Struggle for Germany, 1914–1945*; G. Hilger and A. Meyer, *The Incompatible Allies*; R. C. North, *Moscow and the*

*Chinese Communists*; F. C. Jones, *Japan's New Order in Asia*; J. L. Snell, *Allied Wartime Diplomacy*; J. W. Spanier, *American Foreign Policy since World War II*; H. Seton-Watson, *Neither War Nor Peace*. Further reading will be given during the course.

#### Hy117(a) Classes

Sessional. In connection with Course Hy117.

#### Hy118 International History since 1933, Special Aspects

Professor Watt. Ten lectures, Lent Term. A series covering special aspects of course Hy117. For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog.; B.A. Hist.; M.A. and M.Sc.

#### Hy119 War and Society, 1600–1815

Dr McKay. Ten lectures, Michaelmas Term. For B.Sc. (Econ.) Part II and other interested students. **Syllabus** A study of the main developments in strategy and organisation of armies between 1660 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. **Suggested reading** M. Roberts, *The Military Revolution, 1550–1650* (Belfast, 1956); W. H. McNeill, *Europe's Steppe Frontier, 1500–1800* (Chicago, 1964); J. F. C. Fuller, *The Conduct of War, 1789–1961* (Methuen, any edition); S. Fiedler, *Grundriss der Militär- und Kriegsgeschichte*, vol. i, *Die stehenden Heere im Zeitalter des Absolutismus, 1640–1789* (Munich, 1972).

#### Hy119(a) Classes

Lent Term. In connection with Course Hy119.

#### Hy120 The Mediterranean in International Politics, 1815–1914

Miss Lee. Ten lectures, Michaelmas Term. For B.Sc. (Econ.) Part II and other interested students. **Syllabus** A study of political, strategic and

economic developments in the Mediterranean region as a factor in international relations, 1815–1914.

**Recommended reading** J. E. Swain, *Struggle for the Control of the Mediterranean Prior to 1848*; R. Robinson and J. Gallagher, "The Imperialism of Free Trade" (*The Economic History Review*, 2nd series, VI, 1953); F. R. Flournoy, *British Policy towards Morocco in the Age of Palmerston*; J. Marlowe, *Anglo-Egyptian Relations, 1800–1953*; H. L. Hoskins, *British Routes to India*; C. W. Hallberg, *The Suez Canal*; R. Robinson and J. Gallagher, *Africa and the Victorians* (chaps. 4 and 5 for the Egyptian Question, 1882); M. M. Safwat, *Tunis and the Great Powers, 1878–1881*; W. L. Langer, "The European Powers and the French Occupation of Tunis" (*The American Historical Review*, XXXI, 1925–26); L. Salvatorelli, *La Triplice Alleanza*; G. Salvemini, *La Politica estera dell'Italia, 1871–1914*; W. N. Medlicott, "The Mediterranean Agreements of 1887" (*Slavonic Review*, V, 1926–27); C. J. Lowe, *Salisbury and the Mediterranean, 1886–1896*; J. A. S. Grenville, "Goluchowski, Salisbury and the Mediterranean Agreements" (*Slavonic Review*, 1958); J. D. Hargreaves, "Entente Manquée" (*Cambridge Historical Journal*, 1953); E. Walters, "Lord Salisbury's Refusal to Revise and Renew the Mediterranean Agreements" (*Slavonic Review*, 1950, 1951); E. F. Cruickshank, *Morocco at the Parting of the Ways*; E. N. Anderson, *The First Moroccan Crisis, 1904–6*; N. Rich, *Friedrich von Holstein*; I. M. Barlow, *The Agadir Crisis*; A. J. Marder, *The Anatomy of British Sea Power, 1880–1905*; S. R. Williamson, *The Politics of Grand Strategy: Britain and France Prepare for War*; P. G. Halpern, *The Mediterranean Naval Situation, 1908–1914*.

#### Hy120(a) Classes

Lent Term. In connection with Course Hy120.

#### Hy121 British-American-Russian Relations, 1815–1914

Professor Anderson, Professor Bourne and Dr Nish. Michaelmas and Lent Terms. For B.Sc. (Econ.) Part II and other interested students.

**Syllabus** Diplomatic relations of the three powers during the period, with due attention to the geographical, economic and strategic factors which shaped their foreign policies in the areas of contact and tension.

**Recommended reading** H. C. Allen, *Great Britain and the United States*; Charles S. Campbell, *From Revolution to Rapprochement; The United States and Great Britain 1783–1900*; T. A. Bailey, *A Diplomatic History of the American People* (7th edn., 1964); B. Perkins, *Castlereagh and Adams: England and the United States, 1812–1823*; W. D. Jones, *The American Problem in British Diplomacy, 1841–1861*; D. P. Crook, *The North, the South and the Powers, 1861–1865*; F. Merk, *The Oregon Question*; W. A. Williams, *American-Russian Relations, 1781–1947*; D. Perkins, *Hands Off: A History of the Monroe Doctrine*; K. Bourne, *Britain and the Balance of Power in North America, 1815–1908*; W. C. Costin, *Great Britain and China, 1833–1860*; H.-P. Chang, *Commissioner Lin and the Opium War*; J. K. Fairbank, *Trade and Diplomacy on the China Coast*; M. Banno, *China and the West, 1858–1861*; W. Habberton, *Anglo-Russian Relations Concerning Afghanistan, 1837–1907*; W. G. Beasley, *Great Britain and the Opening of Japan*; A. Malozemoff, *Russian Far Eastern Policy, 1881–1904*; G. A. Lensen, *The Russian Push Towards Japan: Russo-Japanese Relations, 1697–1875*; A. J. Marder, *British Naval Policy, 1880–1905*; F. H. Michael and G. E. Taylor, *The Far East in the Modern World*; W. L. Langer, *The Diplomacy of Imperialism*; A. W. Griswold, *The Far Eastern Policy of the United States*; E. H. Zabriskie, *American-Russian Rivalry in the Far East, 1895–1914*; L. M. Gelber, *The Rise of Anglo-American Friendship, 1898–1906*; A. E. Campbell, *Great Britain and the United States, 1895–1903*; C. S. Campbell, *Anglo-American Understanding, 1899–1903*; G. W. Monger, *The End of Isolation: British Foreign Policy, 1900–1907*; G. T. Alder, *British India's Northern Frontier, 1865–1895*; J. A. S. Grenville, *Lord Salisbury and Foreign Policy*; I. C. Y. Hsü, *The Ili Crisis*; I. H. Nish, *The Anglo-Japanese Alliance, 1894–1907; Alliance in decline, 1908–23*; I. H. Nish, *Japanese Foreign Policy, 1868–1942*; J. A. White, *The Diplomacy of the Russo-Japanese War*; F. Kazemzadeh, *Russia and Britain in Persia, 1864–1914*.

#### Hy122 The Baltic in International Politics since 1815

Professor Hatton. Ten lectures, Michaelmas Term.

This course will not be given in 1977–78.

For B.Sc. (Econ.) Part II.

**Syllabus** The changes of 1814–1815 within the Northern balance; the Scandinavian Union movement 1830–1860; the Crimean War; the Schleswig-Holstein crisis 1860–1864; the nationalist era 1870–1918 and the independence movements in Norway, Finland, the east Baltic states and Iceland; Scandinavia and the League of Nations; Scandinavia and World War II; Scandinavia and the post-war period. **Recommended reading** The national histories by J. H. Birch, L. Krabbe, K. Larsen, I. Andersson, S. P. Oakley, and E. Jutikkala; L. D. Steefel, *The Schleswig-Holstein Question*; R. M. Hatton, "Palmerston and Scandinavian Union" in K. Bourne and D. C. Watt (Eds.), *Studies in International History*; E. F. Heckscher (Ed.), *Sweden, Norway, Denmark and Iceland in the World War*; W. F. Reddaway, *Problems of the Baltic*; S. S. Jones, *The Scandinavian States and the League of Nations*; H. Tingsten, *The Debate on the Foreign Policy of Sweden, 1918–1939*; F. D. Scott, *The United States and Scandinavia*; R. E. Lindgren, *Norway-Sweden, Union, Disunion and Scandinavian Integration*; F. Lindberg, *Scandinavia in Great Power Politics, 1905–1908*; N. Ørvik, *The Decline of Neutrality, 1914–1941*; O. A. Rustow, *The Politics of Compromise*; F. la Ruche, *La neutralité de la Suède*; H. Friis (Ed.), *Scandinavia between East and West*.

#### Hy122(a) Classes

Lent Term. In connection with Course Hy122.

This course will not be given in 1977–78.

#### Hy123 Revolution, Civil War and Intervention in the Iberian Peninsula, 1808–1854

Dr Bullen. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II and other interested students.

**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.

**Recommended reading** R. Carr, *Spain, 1808–1939*; H. B. Clarke, *Modern Spain, 1815–1898*; A. R. Oliveira, *Politics, Economics and Men of Modern Spain*; E. Christiansen, *The Origins of Military Power in Spain, 1808–1854*; Edgar Holt, *The Carlist Wars in Spain*; Stanley Payne, *Politics and the Military in Modern Spain*; V. G. Kiernan, *The Revolution of 1854 in Spanish History*; G. Hubbard, *Histoire contemporaine de L'Espagne*; H. V. Livermore, *A New History of Portugal*; A. Fugier, *Napoléon et L'Espagne*; F. M. H. Markham, *Napoleon and the Awakening of Europe*; Charles Oman, *A History of the Peninsular War*; C. K. Webster, *The Foreign Policy of Castlereagh*; H. W. V. Temperley, *The Foreign Policy of Canning*; C. K. Webster, *Britain and the Independence of Latin America*; C. K. Webster, *The Foreign Policy of Palmerston*; R. J. Bullen, *Palmerston, Guizot and the Collapse of the Entente Cordiale*.

#### Hy123(a) Classes

Lent Term. In connection with Course Hy123.

#### Hy124 International Socialism and the Problem of War, 1870–1918

Professor Joll. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.A. and other interested students.

**Syllabus** A study of the development of socialist thought about war, national defence, nationalism and colonialism, and of the attempts at international socialist action to prevent war, including the discussions in the Second International and in the major socialist parties of Europe. **Recommended reading** G. D. H. Cole, *A History of Socialist Thought*, Vol. III; J. Braunthal, *History of the International, 1864–1914*; J. Joll, *The Second International*; M. M. Drachkovitch, *Les socialismes français et allemands et le problème de la guerre*; H. R. Weinstein, *Jean Jaurès: A Study of Patriotism in the*

*French Socialist Movement*; J. P. Nettl, *Rosa Luxemburg*; V. I. Lenin, *Socialism and War*; V. I. Lenin, *Imperialism: the Highest Stage of Capitalism*.

#### Hy124(a) Classes

Lent Term. In connection with Course Hy124.

#### Hy125 The Great Powers and the Near and Middle East, 1897-1956

Professor Watt. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II and other interested students.

**Syllabus** An examination of the diplomacy of the great powers in relation to Turkey, Persia, Afghanistan, Syria, Iraq, Palestine, Israel, Saudi Arabia, The Gulf, the Red Sea, Egypt, the Sudan and the Nile Valley and the reactions of the powers of the area to great power diplomacy in the years 1897-1956.

**Recommended reading** E. Kedourie, *Great Britain and the Middle East*; H. L. Howard, *The Partition of the Turkish Empire*; F. Kazemzadeh, *The Struggle for the Caucasus*; C. S. Samra, *India and Anglo-Soviet Relations*; J. Marlowe, *Anglo-Egyptian Relations 1900-1953*; L. Stein, *The Balfour Declaration*; Lord Kinross, *Atatürk*; J. C. Hurewitz, *Diplomacy in the Near and Middle East*; X. J. Eudin and R. C. North, *Soviet Russia and the East, 1920-1927*; G. Lenczowski, *Russia and the West in Iran*; J. T. Shottwell and F. Deak, *Turkey at the Straits*; B. Schwadran, *The Middle East, Oil and the Great Powers*; L. Hirszowitz, *The Third Reich and the Arab East*; M. A. Fitzsimons, *Empire by Treaty*; C. W. Hostler, *Turkism and the Soviets*; Ann Williams, *Britain and France in the Middle East and North Africa*; E. Monroe, *Britain's Moment in the Middle East, 1914-1956*; Hugh Thomas, *The Suez Affair*.

#### Hy125(a) Classes

Lent Term. In connection with Course Hy125.

#### Hy126 Fascism and National Socialism in International Politics, 1919-1945

Mr Robertson and Dr Polonsky. Ten lectures, Michaelmas Term. For B.Sc. (Econ.) Part II and other interested students.

**Syllabus** The rise to power of Mussolini and Hitler. The early attempts of Mussolini's government to undermine the *status quo* in South Eastern Europe. Italo-German relations and the Rome-Berlin Axis, 1933-36. Italian and German intervention in the Spanish Civil War. The destruction of the Peace Settlement in Eastern Europe, 1937-39. Italian and German relations with other right-radical movements (e.g. in Hungary, Rumania, Slovakia). The decline of an independent Italian foreign policy.

**Recommended reading** Isaiah Berlin, "Sorel", Creighton Lecture; James Joll, "Marinetti" in *Intellectuals in Politics*; Elizabeth Wiskemann, *Italian Fascism*; W. Sheridan Allen, *The Nazi Seizure of Power*; Elizabeth Wiskemann (Ed.), *Anatomy of the SS State*; G. L. Mosse, *The Crisis of Ideology*; P. J. Pulzer, *The Rise of Anti-Semitism*; F. Chabod, *A History of Italian Fascism*; F. L. Carsten, *The Rise of Fascism*; E. Nolte, *Three Faces of Fascism*; S. J. Woolf, *European Fascism*; C. Seton-Watson, *Italy from Liberalism to Fascism*, chaps. 13 and 14; A. Hitler, Letter of 4 December 1932 to General von Reichenau (translation); G. Weinberg, *The Foreign Policies of Hitler's Germany*; E. Robertson (Ed.), *The Origins of the Second World War*; E. Wiskemann, *The Rome-Berlin Axis*; E. Robertson, *Mussolini as Empire Builder. A Study in Totalitarian Diplomacy*; F. Cassel, *Mussolini's Early Diplomacy*.

#### Hy126(a) Classes

Lent Term. In connection with Course Hy126.

#### Hy127 William III and Louis XIV, 1698-1702

Professor Hatton. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

**Syllabus** A study in detail of the attempt, through co-operation by William III and Louis XIV, to solve the problem of the Spanish succession issue.

The course will be based on selected documents from the following authorities: P. Grimblot (Ed.), *Letters of William III, Louis XIV and of their Ministers 1697-1700*, I and II; P. Vaucher (Ed.), *Recueil des Instructions données aux Ambassadeurs et Ministres de France, (XIV 2, Angleterre, Vol. 3, 1689-1791)*; L. G. Wickham Legg, *British Diplomatic*

*Instructions (II, France, 1689-1721)*; F. G. Davenport (Ed.), *European Treaties bearing on the History of the United States and its Dependencies, (III) 1689-1715*; A. Legrelle (Ed.), *La diplomatie française et la succession d'Espagne*, appendices.

#### Hy128 The Great Powers and Egypt, 1882-1888

Miss Lee. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

**Syllabus** The international development of the Egyptian question, with special reference to the Suez Canal, based on the following authorities: *British and Foreign State Papers, 1882-1883* (Vol. lxxiv); *1887-1888* (Vol. lxxix); C. de Freycinet, *La Question d'Egypte* (1905); Lord Cromer, *Modern Egypt* (1908).

#### Hy129 The Great Powers and the Balkans, 1908-1914

Dr Polonsky. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

**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 Power struggle for influence in Turkey and the Balkan states 1913-14. Sarajevo, the July crisis, and the outbreak of war.

The course will be based upon selected documents from the following authorities: G. P. Gooch and 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*.

#### Hy130 Great Britain and the Peace Conference of 1919

Mr Grün. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

**Syllabus** A detailed study of British policy in relation to the organization of the peace conference and of the negotiations which led to the signing of the Treaty of Versailles, based on the following authorities: *Papers Relating to the Foreign Relations of the United States,*

*1919; The Paris Peace Conference*, Vols. III-VI; P. Mantoux, *Paris Peace Conference, 1919: Proceedings of the Council of Four* (Geneva, 1964); D. Lloyd George, *The Truth about the Peace Treaties* (1938).

#### Hy131 The Manchurian Crisis, 1931-1933

Dr Nish. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

**Syllabus** A detailed survey, based on the study of available original sources, of the international implications of the Sino-Japanese conflict from the time of the Mukden incident (September, 1931) to the conclusion of the Tangku truce (May, 1933). The policies of the Great Powers as well as the role played by the League of Nations will be examined, and the significance of the crisis will be placed in the context of the development of international relations in the interwar years, based on selected extracts from the following authorities: *Papers Relating to the Foreign Relations of the United States, Japan: 1931-1941*, Vol. 1; *League of Nations: Appeal by the Chinese Government; Report of the Commission of Inquiry; Documents on British Foreign Policy, 1919-1939*, 2nd Series, Vols. VIII and IX.

#### Hy132 The League of Nations in Decline 1933-1937

Mr Robertson. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

**Syllabus** A study of the relative strength and weakness of the league. Hitler's attitude to the League and the reasons for Germany's withdrawal in October 1933. Italian proposals for reform 1933-1934. The conflict between Italy and the League over Ethiopia. Failure of the League to take action against Japan as a result of the "China incident". Italy's withdrawal from the League at the end of 1937 and her adherence to the Anti-Comintern Pact. The course will be based on selected documents from the following: F. P. Walters, *A History of the League of Nations*, Vol. I, chap. 1, the text of the Covenant; Aloisi's *Journal, 1932-1936*; *Documents on British Foreign Policy*, 2nd series, Vol. VI; *Documents on German Foreign Policy* Series C, Vols. I, II, III, IV and Series D, Vol. I; Ciano's *Papers and Diary, 1937-1939*.

**FOR GRADUATE STUDENTS  
A. MASTER'S COURSES**

Attendance restricted to students taking the relevant M.A./M.Sc. examination.

**(i) M.A./M.Sc. International History**

For Paper 1:

**Hy150 International History 1688–1815 (Various Seminars)**  
Professor Anderson, Professor Hatton and Dr McKay. Sessional.

**Hy151 International History 1815–1914 (Various Seminars)**  
Professor Bourne, Dr Bullen, Professor Joll, Miss Lee and Dr Polonsky. Sessional.

**Hy152 International History 1914–1946 (Various Seminars)**  
Mr Grün and Professor Watt. Sessional.

For Paper 2:

**Hy153 Diplomatic Theory and Practice, 1500–1815**  
Professor Hatton and Professor Anderson. Twenty lectures and seminars, Lent and Summer Terms.

**Hy154 Diplomatic Theory and Practice, 1815–1919**  
Professor Anderson. Twenty lectures and seminars.

**Hy155 Diplomatic Theory and Practice, 1919–1946**  
Professor Watt. Ten seminars, Lent Term.

For Paper 3:

**Hy156 The War of the Spanish Succession, 1702–1713**  
Professor Hatton.  
This course will not be given in 1977–78.

**Hy157 The Anglo-French Entente, 1713–1740**  
Dr McKay.

**Hy158 Enlightened Despotism in the later Eighteenth Century**  
Professor Anderson.

**Hy159 The Polish Question in International Relations, 1815–1864**  
Dr Polonsky.

**Hy160 Diplomacy by Conference, 1814–1833**  
Miss Lee.

**Hy161 The Mehemet Ali Crisis, 1833–1841**  
Professor Bourne.

**Hy162 Anglo-American Relations, 1815–1872**  
Professor Bourne.

**Hy163 The Coming of War, 1913–1914**  
Professor Joll.

**Hy164 Britain and the Triple Alliance, 1887–1902**  
Miss Lee.

**Hy165 The Powers and the West Pacific, 1911–1939**  
Dr Nish.

**Hy166 The Peace Settlement of 1919–1921**  
Mr Grün.

**Hy167 The Foreign Policy of the Weimar Republic, 1919–1933**  
Mr Grün.

**Hy168 The Military Policies of the Great Powers, 1919–1939**  
Professor Watt.

**Hy169 The Period of 'Appeasement', 1937–1939**  
Mr Robertson.

**Hy170 The European Settlement, 1944–1946**  
Professor Watt.

**(ii) M.A. in English and European History**  
(The Twelfth and Thirteenth Centuries)

**Hy171 The Crusades in the Eastern Mediterranean, 1096–1204**  
(Intercollegiate Seminar).  
Mr Gillingham. Sessional.  
This course will not be given in 1977–78.

**(iii) M.A. in Area Studies**  
(United States Studies)

**Hy172 The History of Anglo-American Relations, 1815–1917**  
(Seminar)  
Professor Bourne. Sessional.

**Hy173 The United States and European International Politics, 1900–1945**  
(Seminar)  
Professor Watt. Sessional.

**(iv) M.A. in Area Studies**  
(Far Eastern Studies)

**Hy174 International History of East Asia from 1900**  
Dr Nish and Mr Yahuda.  
Sessional.

**(v) M.A. in Area Studies**  
(European Studies)

**Hy175 Political Institutions in Eighteenth Century Europe**  
(Class)  
Professor Anderson. Sessional.

**Hy176 Balance of Power in Eighteenth Century Europe**  
(Seminar)  
Professor Hatton. Lent and Summer Terms.

**Programme on Nationalism**

**Hy177 Nationalism in the Relations between Germany and her Neighbours in the Twentieth Century**  
(Intercollegiate Seminar)  
Mr Grün. Sessional.

**Programme on European Working Classes and Working Class Movements**

**Hy178 Anarchism, Movements and Ideas, 1860–1921**  
(Intercollegiate Seminar)  
Dr Polonsky. Sessional.

**Note** The attention of students is also drawn to  
**Hy124 International Socialism and the Problem of War, 1870–1918**

**(vi) M.Sc. in European Studies**

**Hy179 European History since 1945**  
(Class)  
Professor Joll. Sessional.

**B. M.PHIL./PH.D. SEMINARS**

**Hy180 International History, 1660–1789 (Introductory Course)**  
Dr McKay. Michaelmas Term.  
For beginners in research on the sources and methods of research in modern diplomatic history.

**Hy181 International History, 1815–1939 (Introductory Course)**  
Professor Anderson. Weekly, Michaelmas Term.

For beginners in research on the sources and methods of research in modern diplomatic history.

**Hy182 International History, 1814–1919 (Seminar)**  
Professor Joll and Professor Bourne. Fortnightly, Sessional. At the Institute of Historical Research. Admission by permission of Professor Joll or Professor Bourne.

**Hy183 International History since 1919 (Seminar)**  
Professor Watt, Mr Grün and Mr Robertson.  
Fortnightly, Sessional. Admission by permission of Professor Watt.

**Hy184 Aspects of Military Policy in the Nineteenth and Twentieth Centuries (Seminar)**

Professor Martin, Mr Bond and Professor Watt. Sessional, at the Institute of Historical Research.

**Hy185 Scandinavian History, 1815 to the Present Day (Seminar)**

Professor Hatton and Dr Kirby. Fortnightly, Sessional.

**Hy186 European History from 1648-1789 (Seminar)**

Professor Hatton and Dr Roger Mettam. Fortnightly, Sessional. At the Institute of Historical Research.

**Hy187 Central and West European History (Seminar)**

Professor Carsten and Professor Joll. Fortnightly, Sessional. At 21 Russell Square.

**Hy188 European Revolutionary Movements, Nineteenth and Twentieth Centuries (Seminar)**

Professor Joll. Fortnightly, Sessional. Admission by permission of Professor Joll.

**General and Special Courses for B.A. Honours in History**

**Hy200 Introduction to British History**

Dr L. M. Brown, Dr Starkey and others. Fifteen lecture-classes in the first five weeks of Michaelmas Term.  
For B.A. Hist. 1st yr.  
Recommended reading will be given during the course.

**Hy201 British History to the End of the Fourteenth Century**

Mr Gillingham. Thirty lectures, Sessional.  
For B.A. Hist.  
Recommended reading will be given during the course.

**Hy201(a) British History to the End of the Fourteenth Century (Classes)**

Mr Gillingham. To be arranged.  
For B.A. Hist.

**Hy202 British History from the Beginning of the Fifteenth Century to 1750**

Dr Starkey. Twenty-five lectures, Sessional.  
For B.A. Hist.; B.Sc. c.u. main field Geog.; B.Sc. (Econ.) Part II.  
Recommended reading will be given during the course.

**Hy202(a) British History from the Beginning of the Fifteenth Century to 1750 (Classes)**

Dr Starkey. To be arranged.  
For B.A. Hist.

**Hy203 British History from the Middle of the Eighteenth Century**

Dr L. M. Brown. Twenty-five lectures, Sessional.  
For B.A. Hist.; B.Sc. c.u. main field Geog.; B.Sc. (Econ.) Part II.  
Recommended reading will be given during the course.

**Hy203(a) British History from the Middle of the Eighteenth Century (Classes)**

Dr L. M. Brown. To be arranged.  
For B.A. Hist.; B.Sc. c.u. main field Geog.; B.Sc. (Econ.) Part II.

**Hy204 European History, 400-1200 (Classes)**

Mr Gillingham.  
For B.A. Hist.

**Hy205 European History, 1200-1500 (Classes)**

Mr Gillingham. To be arranged.  
For B.A. Hist.

**Hy206 European History, 1500-1800 (Classes)**

Dr McKay and Dr Starkey. To be arranged.  
For B.A. Hist.

**Hy207 European History from 1800 (Classes)**

Dr Bullen. To be arranged.  
For B.A. Hist.

**Hy208 World History (Classes)**

Dr Polonsky.  
To be arranged.  
For B.A. Hist.

**Hy209 The History of Political Thought (Class)**

Dr Orr and Mr Charvet.  
Michaelmas and Lent Terms.  
For B.A. Hist. 2nd and 3rd yrs.

**Hy210 Diplomatic History, 1814-1957 (Intercollegiate Classes)**

Dr Bullen. Michaelmas and Lent Terms.  
For B.A. Hist. 2nd and 3rd yrs.

**Hy211 The History of Germany, c. 1860-1945 (Intercollegiate Classes)**

Professor Joll and Professor Carsten, Michaelmas Term at L.S.E. Lent and Summer Terms at other colleges.  
For B.A. Hist. 2nd yr.

**Hy212 The Economy of England: 1350-1500 (Intercollegiate Classes)**  
Miss O. P. Coleman and Dr Bridbury.  
Michaelmas and Lent Terms for third year, Summer Term for second year.  
For B.A. Hist. 2nd and 3rd yrs.

**Hy213 King, Court and Government, 1485-1547 (Intercollegiate Classes)**  
Dr Starkey.  
Michaelmas and Lent Terms for third year, Summer Term for second year.  
For B.A. Hist. 2nd and 3rd yrs.

**Hy214 The Eastern Question, 1875-1881 (Intercollegiate Seminar)**  
Professor Bourne and Dr Heywood (S.O.A.S.).  
Michaelmas and Lent Terms for third year, Summer Term for second year.  
For B.A. Hist. 2nd and 3rd yrs.

**Hy215 Japan and the Far Eastern Crisis 1931-41 (Intercollegiate Seminar)**  
Dr Nish and Dr Sims (S.O.A.S.).  
Michaelmas and Lent Terms for third year, Summer Term for second year.  
For B.A. Hist. 2nd and 3rd yrs.

**Hy216 The Great Powers 1945-54 (Intercollegiate Seminar)**  
Professor Leslie (Q.M.C.) and Dr Polonsky.  
Michaelmas and Lent Terms for third year, Summer Term for second year.  
For B.A. Hist. 2nd and 3rd yrs.

**Foreign Languages for Historians**  
Languages courses to meet the requirement for the B.A. History degree will be available either in the School or intercollegiate.

**Hy217 French (Classes)**  
Dr Starkey. Lent and Summer Terms.  
For B.A. Hist. 1st yr.

**Hy218 German (Classes)**  
Mr Gillingham.  
This course will not be given in 1977-78.  
For B.A. Hist. 1st yr.

**Hy219 Latin (Classes)**  
Mr Gillingham.  
This course will not be given in 1977-78.  
For B.A. Hist. 1st yr.

**Note** Intercollegiate lecture courses covering the field of Mediaeval and Modern European History and of World History from the End of the Nineteenth Century are given at the Senate House on Monday mornings throughout the session.

*Reference should also be made to the following courses:*

**EH107: Social and Economic History of Western Europe**

**Hy113: International History, 1494-1815**

**Hy116: International History, 1815-1914**

**Hy117: International History since 1914**

**Gv100: An Introduction to Political Thought: The Greeks**

**Gv102: Political Thought**

**Gv104: Three Key Mediaeval Political Thinkers**

## International Relations

### IR100 International Problems of the Twentieth Century

Professor Northedge. Ten lectures, Michaelmas Term.  
For all International Relations students.  
**Syllabus** This introductory course will review some of the more important political and economic problems which have influenced the development of international relations since 1914 and which have helped to shape the agenda of diplomacy. These problems include total war and the totalitarian state, the question of coexistence between the liberal democracies and the communist states, the relative decline of Europe as a theatre of world politics, the rise of the super-Powers, the emergence of the Third World and the struggle against poverty and racial inequality, the advent of nuclear weapons and the political effects of technological change. Some assessment will be offered of the manner in which such problems have been handled, but the main emphasis will be on their role as themes of international argument and as forces affecting the politics of states.  
**Recommended reading** will be given as the course proceeds.

### IR101 Structure of International Society

Mr Banks. Twenty lectures, Michaelmas and Lent Terms.  
For B.Sc. (Econ.) Part I; B.A. c.u. main field French Studies 1st yr.  
**Syllabus** A survey of the concepts required for an elementary analysis of the world society. First, statehood: sovereignty and its origins, nations and nationalism, self-determination, national interest and foreign policy, security and defence. Second, the interstate system: diplomacy, law, morality, conflicts, co-operation and various institutional patterns in relations between states. Third, major contemporary structures in the world society: relationships of power, interdependence, dominance and dependence, arms races and wars, processes of change and maintenance of stability. Finally, basic theory and methods: units of analysis, levels of analysis, history of thought and prevailing theories.

**Recommended reading** C. A. W. Manning, *The Nature of International Society*; J. Frankel, *International Politics: Conflict and Harmony*; R. Aron, *Peace and War*; K. J. Holsti, *International Politics*; H. J. Morgenthau, *Politics Among Nations*; E. H. Carr, *Twenty Years' Crisis*; F. S. Northedge and M. J. Grieve, *A Hundred Years of International Relations*; R. J. M. Wight, *Power Politics*; G. Barraclough, *An Introduction to Contemporary History*; K. Polanyi, *The Great Transformation: Origins of Our Time*; L. Henkin, *How Nations Behave*; O. J. Lissitzyn, *International Law Today and Tomorrow*; J. Frankel, *National Interest*; F. S. Northedge, *The International Political System*; F. S. Northedge (Ed.), *The Foreign Policies of the Powers*; L. J. Halle, *The Nature of Power*; A. Wolfers, *Discord and Collaboration*; I. L. Claude, *Power and International Relations*; A. Buchan, *War in Modern Society*; J. Herz, *International Politics in the Atomic Age*; F. H. Hinsley, *Nationalism and the International System*; H. N. Bull, *The Anarchical Society*; B. C. Cohen, *The Question of Imperialism*; R. Ogley (Ed.), *The Theory and Practice of Neutrality in the Twentieth Century*; P. A. Reynolds, *An Introduction to International Relations*; A. M. Scott, *The Revolution in Statecraft*; E. Kedourie, *Nationalism*; G. Stern, *Fifty Years of Communism*; M. D. Shulman, *Beyond the Cold War*; H. Bull, *The Control of the Arms Race*; M. Wright, *Disarm and Verify*; M. Katz, *The Relevance of International Adjudication*; K. J. Twitchett (Ed.), *International Security*; I. L. Claude, *The Changing United Nations*; H. G. Nicholas, *The United Nations as a Political Institution*; H. Butterfield and M. Wight (Eds.), *Diplomatic Investigations*; K. N. Waltz, *Man, the State and War*; C. V. Crabb, *Nations in a Multipolar World*; J. W. Burton, *World Society*; W. A. Axline and J. A. Stegenga, *The Global Community*.

### IR101(a) Structure of International Society (Class)

Mr Banks and other members of the department. Michaelmas and Lent Terms.  
For B.Sc. (Econ.) Part I; B.A. c.u. main field French Studies 1st yr.

## IR102 The International Political System

Professor Northedge. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog.; B.A. c.u. main field French Studies 2nd year; M.Sc. and other graduate students.

**Syllabus** The emergence and organization of the modern system of sovereign States. The political process in the international community and contemporary thought on its character and functioning. The external needs of States and goals of State activity. The means of pressure and the 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 as a contingency of international life. Mechanisms for securing stability and agencies for directed change.

**Recommended reading** F. S. Northedge, *The International Political System*; G. Barraclough, *Introduction to Contemporary History*; C. Reynolds, *Theory and Explanation in International Politics*; H. and M. Sprout, *Foundations of International Politics*; M. A. Kaplan (Ed.), *The Revolution in World Politics*; F. H. Hinsley, *Power and the Pursuit of Peace*; F. S. Northedge and M. J. Grieve, *A Hundred Years of International Relations*; F. S. Northedge (Ed.), *The Use of Force in International Relations*; R. L. Pfaltzgraff (Ed.), *Politics and the International System*; R. Niebuhr, *The Structure of Nations and Empires*; E. M. Winslow, *The Pattern of Imperialism*; H. Seton-Watson, *The New Imperialism*; R. Emerson, *From Empire to Nation*; A. Cobban, *National Self-Determination*; C. J. H. Hayes, *The Historical Evolution of Modern Nationalism*; I. Claude, *Power and International Relations*; A. B. Zeman, *Politics and Culture in International History*; L. J. Halle, *The Nature of Power*; E. V. Gulick, *Europe's Classical Balance of Power*; A. F. K. Organski, *World Politics* (2nd edn.); G. A. Lipsky (Ed.), *Law and Politics in the World Community*; C. L. Robertson, *International Politics Since World War II*; A. Wolfers, *Discord and Collaboration*; R. Aron, *Peace and War*; K. J. Holsti, *International Politics*; B. Porter (Ed.),

*Aberystwyth Papers; International Politics 1919-69.*

## IR102(a) International Politics (Class)

Mr G. H. Stern and others. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog.; B.A. c.u. main field French Studies 2nd yr.

## IR103 The Foreign Policies of the Powers

Members of the department, Mrs Pickles, Dr Lyon and Dr Nish. Thirty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr. M.Sc. and other graduate students.

**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. The United States, the United Kingdom, the Soviet Union, France, India, the German Federal Republic and Indonesia will be considered in the session 1977-78.

### Recommended reading

(a) THE UNITED STATES: G. T. Allison, *Essence of Decision*; M. Donelan, *The Ideas of American Foreign Policy*; D. Ellsberg, *Papers on the War*; D. Halberstam, *The Best and the Brightest*; M. H. Halperin, *Bureaucratic Politics and Foreign Policy*; S. Hoffman, *Gulliver's Troubles*; I. Janis, *Victims of Groupthink*; L. S. Kaplan (Ed.), *Recent American Foreign Policy*; H. Magdoff, *The Economics of U.S. Foreign Policy*; R. Neustadt, *Presidential Power; Alliance Politics*; New York Times, *The Pentagon Papers*; B. M. Russett and A. Stepan, *Military Force and American Society*; A. Scott and R. Dawson, *Readings in the Making of American Foreign Policy*; L. J. Whetten, *Contemporary American Foreign Policy*.

(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*; D. G. Bishop, *The Administration of British Foreign Relations*; 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*; D. C. Watt and J. Mayall (Eds.), *Current British Foreign Policy 1970 and 1971* (2 Vols.); W. Wallace, *The Foreign Policy Process in Britain*.

(c) THE SOVIET UNION: K. and I. Hulicka, *Soviet Institutions, the Individual and Society*; I. Lederer (Ed.), *Soviet Foreign Policy*; 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. Fléron (Eds.), *The Conduct of Soviet Foreign Policy*.

(d) FRANCE: J. B. Duroselle, *Changes in French foreign policy since 1945* (also in Stanley Hoffman et al, *France: Change and Tradition*); A. Grosser, *French foreign policy under de Gaulle; L'Année politique, 1958-1974* (Texts of Presidential press conferences); F. R. Willis, *France, Germany and the New Europe, 1945-1963*; G. de Carmoy, *The foreign policies of France*; J. Newhouse, *De Gaulle and the Anglo-Saxons*; N. Waites (Ed.), *Troubled Neighbours*; W. W. Kulski, *De Gaulle and the World*; S. Serfaty, *France, de Gaulle and Europe*; D. Pickles, *The Government and Politics of France, Volume II, Politics*; Wolf Mendel, *Deterrence and Persuasion*; Edward A. Kolodziej, *French International Policy under de Gaulle and Pompidou*.

(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 ed.; 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*; R. Hiscocks, *Democracy in Western Germany*; A. Grosser, *Western Germany*; K. Deutsch and L. Edinger, *Germany Rejoins the Powers*; G. Freund, *Germany between Two Worlds*; 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*; G. Modelski (Ed.), *The New Emerging Forces*; A. C. Brackman, *Southeast Asia's Second Front*; D. E. Weatherbee, *Ideology in Indonesia; Sukarno's Indonesian Revolution*; F. B. Weinstein, *Indonesia Abandons Confrontation*; P. Polomka, *Indonesia since Sukarno*. (h) 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*.

## IR104 Foreign Policy Analysis

Mr C. J. Hill. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.; M.Sc. and other graduate students.

**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. **Recommended reading** F. S. Northedge



(Ed.), *The Foreign Policies of the Powers*, (2nd edn.); J. Frankel, *The Making of Foreign Policy*; J. Steinbruner, *The Cognitive Theory of Decision*; R. Jervis, *Perception and Misperception in International Politics*; P. MacGowan and H. Shapiro, *The Comparative Study of Foreign Policy*; W. Wallace, *Foreign Policy and the Political Process*; R. E. Jones, *Analysing Foreign Policy*; D. Wilkinson, *Comparative Foreign Relations*; J. Barber and M. Smith (Eds.), *The Nature of Foreign Policy: A Reader*; M. Liefer, *The Foreign Relations of the New States*; V. McKay (Ed.), *African Diplomacy*; K. Deutsch, *The Nerves of Government*; J. N. Rosenau (Ed.), *International Politics and Foreign Policy*, revised edn.; K. Waltz, *Foreign Policy and Democratic Politics*; J. H. de Rivera, *The Psychological Dimension of Foreign Policy*; R. C. Snyder et al. (Eds.), *Foreign Policy Decision Making*; J. Frankel, *Contemporary Theory and the Behaviour of States*; R. J. Art and K. N. Waltz, *The Use of Force: International Politics and Foreign Policy*; G. T. Allison, *Essence of Decision*; F. C. Iklé, *How Nations Negotiate*; M. Brecher, *The Foreign Policy System of Israel*; Morton H. Halperin, *Bureaucratic Politics and Foreign Policy*; D. Vital, *The Inequality of States*; E. R. May, "Lessons" of the Past; I. Janis, *Victims of Groupthink*.

#### IR104(a) Foreign Policy Analysis (Class)

Mr C. J. Hill and others.  
Michaelmas and Lent Terms,  
beginning middle of the  
Michaelmas Term.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.

#### IR105 Decisions in Foreign Policy

Mr C. J. Hill. Eight lectures,  
Lent Term.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.; M.Sc. and other interested students.

**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, contexts, pressures and procedures? Problems of power and process. Introduction: Theories and categories which may be employed; the central questions. Cases:

The British Decision for War, 1939; The Marshall Plan, 1947; American action in Korea, 1950-51; The Cuban Missile Crisis, 1962; Britain's Withdrawal from East of Suez, 1956-74; The Soviet Invasion of Czechoslovakia, 1968. Conclusions: Comparisons, contrasts, common factors, the utility of foreign policy theory.

**Recommended reading** R. C. Snyder et al (Eds.), *Foreign Policy Decision-Making*; J. Rosenau, *The Scientific Study of Foreign Policy*; G. Parry, *Political Elites*; M. Brecher, *Decisions in Israel's Foreign Policy*; I. Janis, *Victims of Groupthink*; S. Aster, 1939; M. Howard, *The Continental Commitment*; H. Arkes, *Bureaucracy, the Marshall Plan, and the National Interest*; J. M. Jones, *The Fifteen Weeks*; G. Paige, *The Korean Decision*; B. Brodie, *War and Politics*; D. Rees, *Korea: The Limited War*; G. Allison, *Essence of Decision*; E. Abel, *The Missiles of October* (2nd edn.); R. Kennedy, *Thirteen Days: A Memoir of the Cuban Missile Crisis*; 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*; R. Remington, *The Warsaw Pact*.

#### IR106 International Communism

Mr G. H. Stern. Fifteen lectures,  
Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc.  
**Syllabus** International implications of the Bolshevik Revolution of 1917. The development of Communist Parties, factions and fronts in Europe, Asia, the Middle East and elsewhere: their inter-relations 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 these organizations in the achievement of their presumed goals. The Sino-Soviet dispute and the emergence of polycentrism in the Communist world.

**Recommended reading** F. Borkenau, *World Communism*; Z. K. Brzezinski, *The Soviet Bloc*; E. H. Carr, *German-Soviet Relations between the Two World Wars, 1919-1939*; J. Degras (Ed.), *The Communist International 1919-1943: Documents*, Vols. I, II and III; I. Deutscher, *Stalin*; K. Grzybowski, *The*

*Socialist Commonwealth of Nations*; M. Kaser, *Comecon*; G. F. Kennan, *Russia and the West under Lenin and Stalin*; D. Lasceller, *Comecon to 1980*; R. Loewenthal, *World Communism: the Disintegration of a Secular Faith*; R. H. McNeal (Ed.), *International Relations Among Communists*; S. Schram, *The Political Thought of Mao Tse-tung*; R. F. Staar, *The Communist Regimes in Eastern Europe*; J. Steele, *Eastern Europe since Stalin*; G. H. Stern, *Fifty Years of Communism*; D. W. Treadgold (Ed.), *Soviet and Chinese Communism: Similarities and Differences*; R. Tucker, *The Marxian Revolutionary Idea*; M. Waller, *The Language of Communism*.

#### IR107 The External Relations of the Chinese People's Republic

Mr Yahuda. Ten lectures,  
Lent Term.

For B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

**Syllabus** An analysis of the various explanations of the mainsprings of Chinese foreign policy. Interactions between domestic and external factors. Relations with the Great Powers, the Third World, the Medium Powers, and her neighbours. Continuity and discontinuity in Chinese foreign policy.

**Recommended reading** will be given at the beginning of the course.

#### IR108 New States in World Politics

Dr Lyon. Ten lectures,  
Lent Term.

For B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

**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 of: statehood and nationhood; neutralism and non-alignment; imperialism, colonialism and neo-colonialism; praetorianism and populism; autonomy and autarchy; irredentism and secessionism.

**Recommended reading** D. Apter, *The Politics of Modernisation*; C. E. Black, *The Dynamics of Modernisation*; 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*; D. Rustow, *A World of Nations*; E. Shils, *Political Development in the New States*; E. Shils, *Center and Periphery: Essays in Macrosociology*.

#### IR109 International Relations in Southern Asia

Dr Leifer. Ten lectures,  
Michaelmas Term.

For M.Sc. and other graduate students.

**Syllabus** Domestic context and regional system. Transfers of power and the shaping of foreign policies. External interests and the nature of external involvements: (1) The Communist Powers; (2) The American Alliance system and its revision. The responses of the regional states: alignments and non-alignment. The sources and patterns of intra-regional conflict. The changing impact and balance of external involvements. Intra-regional association and local initiatives for regional order. The relationship between regional order and world order.

**Recommended reading** J. Badgely, *Asian Development*; M. Leifer, *Dilemmas of Statehood in S.E. Asia; The Foreign Relations of the New States*; W. Wilcox et al, *Asia and the International System*; W. Levi, *The Challenge of World Politics in South and S.E. Asia*; D. E. Kennedy, *The Security of Southern Asia*; G. H. Jansen, *Afro-Asia and Non-Alignment*; P. Lyon, *War and Peace in S.E. Asia*; D. Wilson, *The Neutralization of S.E. Asia*; W. J. Barnds, *India, Pakistan and the Great Powers*; R. Jackson, *South Asian Crisis*; C. B. McLane, *Soviet Strategies in S.E. Asia*; F. Green, *U.S. Policy and the Security of Asia*; G. Porter, *A Peace Denied*; Tang Tsou (Ed.), *China's Policies in Asia*; C. P. Fitzgerald, *China and Southeast Asia since 1945*; F. Langdon, *Japan's Foreign Policy*; A. Lamb, *Asian Frontiers*; R. Prescott, *Map of Mainland Asia by Treaty*.

### IR110 International Politics of Africa

Mr Mayall and Mr Panter-Brick. Ten lectures, Michaelmas Term.

For M.Sc.; M.A. Area Studies—Africa.  
**Syllabus** The ideology of Pan-Africanism; its historical importance and its contemporary relevance. The formation and functioning of the Organisation of African Unity: Questions of self-determination and state frontiers. Concepts of non-alignment and neo-colonialism. Special relationships in the context of the Commonwealth, La Francophonie, the European Economic Community; Relations with the Super-Powers. The present basis, character and extent of inter-state cooperation among the African States themselves. Policies within the United Nations, especially with respect to Southern Africa.

**Recommended reading** K. Nkrumah, *Africa Must Unite*; I. Wallerstein, *Africa: the Politics of Unity*; Ali Mazrui, *Towards a Pax Africana*; I. W. Zartman, *International Relations in the New Africa*; Z. Cervenka, *The Organisation of African Unity and its Charter*; S. Touval, *The Boundary Politics of Independent Africa*; G. de Lusignan, *French Speaking Africa since Independence*, Part 3; A. Tevoedjre, *Pan-Africanism in Practice*; P. Robson, *Economic Integration in Africa*; W. A. Nielson, *The Great Powers and Africa*; J. Mayall, *Africa: The Cold War and After*; I. W. Zartman, *The Politics of Trade Negotiations Between Africa and the European Economic Community*; D. Rothchild (Ed.), *Politics and Integration: An East African Documentary*; I. Brownlie (Ed.), *Basic documents on African Affairs*; I. Geiss, *The Pan-African Movement*; J. A. Langley, *Pan-Africanism and Nationalism in Africa, 1900–45*; R. Legvold, *Soviet Policy in West Africa*; A. Ogunsanwo, *Chinese Policy in Africa, 1958–71*; A. Hazlewood, *Economic Integration: the East African Experience*.

For articles consult *International Affairs*; *World Today*; *International Organisation*; *African Affairs*; *Journal of Modern African Studies* and *Africa Report*. Students should also attend Course IR158 Foreign Relations of African States and may, if they wish, attend Course Gv163, Politics in Africa.

### IR111 The Great Powers and the Middle East

### Dr Hirszowicz. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc. and other interested students.

**Syllabus** A survey and analysis of the contemporary significance of the Middle East within the context of great power relations: the emergence and development of the Middle Eastern states system under the impact of the great powers; the importance of Middle East oil and other economic interests; the interplay of domestic politics, intra-regional conflicts and international rivalries in the policies of the Middle Eastern governments; great power rivalry and the strategic position of the Middle East.

**Recommended reading** S. N. Fisher, *The Middle East: A History*; G. W. Stocking, *Middle East Oil*; G. S. Harris, *Troubled Alliance: Turkish-American problems in historical perspective, 1945–1971*; F. Vali, *Bridge Across The Bosphorus: The foreign policy of Turkey*; C. H. Dodd and M. Sales (Eds.), *Israel and the Arab World*; G. Lenczowski (Ed.), *United States Interests in the Middle East*; W. Z. Laqueur, *The Struggle for the Middle East*; W. Z. Laqueur, *Confrontation: The Middle East War and World Politics*; M. Abir, *Oil, Power and Politics: Conflict in Arabia, the Red Sea and the Gulf*; S. H. Longrigg and J. Jankowski, *The Middle East: A Social Geography*; M. Kerr, *The Arab Cold War: Gamal Abdal Nasser and His Rivals, 1958–1970*; G. Lenczowski, *Soviet Advances in the Middle East*; J. Parkes, *The Emergence of the Jewish Problem, 1878–1939*; J. S. Badeau, *The American Approach to the Arab World*; H. Sh. Chubin and S. Zabih, *The Foreign Relations of Iran*.

### IR112 International Institutions

Mr Sims and Dr Leifer. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

**Syllabus** The nature and functioning of international institutions, both quasi-universal (e.g. the League of Nations and the United Nations) and regional. Their relationship to the international political system and the foreign policies of the member states. Factors governing the performance and cohesion of military alliances and extra-European regional organisations.

**Recommended reading** S. D. Bailey, *The Secretariat of the United Nations*; S. D. Bailey, *The Procedure of the United Nations Security Council*; M. M. Ball, *The 'Open' Commonwealth*; J. Barros, *Betrayal from Within*; H. C. Beerits, *The United Nations and Human Survival*; A. Boyd, *Fifteen Men on a Powder Keg: A History of the United Nations Security Council*; I. L. Claude, *Swords into Plowshares*, 4th edn.; I. L. Claude, *The Changing United Nations*; R. W. Cox and H. K. Jacobson, *The Anatomy of Influence: Decision Making in International Organisation*; Y. El-Ayouty, *The United Nations and Decolonisation: The Role of Afro-Asia*; M. Elmandjra, *The United Nations System: An Analysis*; J. E. S. Fawcett and R. Higgins (Eds.), *International Organisation: Law in Movement*; L. M. Goodrich, *The United Nations in a Changing World*; L. M. Goodrich and D. A. Kay (Eds.), *International Organisation: Politics and Process*; R. W. Gregg and M. Barkun (Eds.), *The United Nations System and its Functions*; R. B. Henig (Ed.), *The League of Nations*; R. Hiscocks, *The Security Council: A Study in Adolescence*; A. M. James, *The Politics of Peace-keeping*; C. W. Jenks, *The World Beyond the Charter*; J. Larus (Ed.), *From Collective Security to Preventive Diplomacy*; E. Luard, *International Agencies*; E. Luard (Ed.), *The International Protection of Human Rights*; H. G. Nicholas, *The United Nations as a Political Institution*, 5th edn.; L. B. Pearson et al, *Partners in Development*, (Pearson Commission Report); W. E. Rappard, *International Relations as viewed from Geneva*; I. J. Rikhye et al, *The Thin Blue Line: International Peace-keeping and its Future*; A. H. Robertson, *Human Rights in the World*; A. W. Rovine, *The First Fifty Years: The Secretary-General in World Politics, 1920–1970*; G. Scott, *The Rise and Fall of the League of Nations*; A. Shlaim (Ed.), *International Organisations in World Politics: Yearbook, 1975*; P. Taylor, *International Co-operation Today*; R. Townley, *The United Nations: A View from Within*; F. P. Walters, *A History of the League of Nations*; M. W. Zacher, *Dag Hammarskjöld's United Nations*; Sir A. Zimmern, *The League of Nations and the Rule of Law*, 2nd edn.; F. H. Beer, *Alliance*; G. Connell-Smith, *The Inter-American System*; R. A. Falk and J. H.

Mendlovitz (Eds.), *Regional Politics and World Order*; R. Hunter, *The Security of Europe*; M. Mackintosh, *The Evolution of the Warsaw Pact*; R. E. Neustadt, *Alliance Politics*; R. E. Osgood, *Alliance and American Foreign Policy*; J. Slater, *O.A.S. and U.S. Foreign Policy*; D. Wilson, *The Neutralization of South East Asia*; M. Wolfers, *The Politics of the Organisation of African Unity*; I. W. Zartman, *International Relations in the New Africa*.

### IR112(a) International Institutions (Class)

Members of the department.

Fifteen Classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

### IR113 The Politics of International Economic Institutions

Susan Strange. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

**Syllabus** An introduction to the main forms of international organisation concerned with the management of the international economy – with the regulation of trade policies, of markets for particular goods and services; with the co-existence of national currencies, the management of credit and provision for the development of poor countries and the protection of the world ecology.

**Recommended reading** D. Blake and R. Walters, *The Politics of Global Economic Relations*; R. Cox and H. Jacobson (Eds.), *The Anatomy of Influence*; G. Helleiner (Ed.), *A World Divided*; S. Strange, *International Monetary Relations, 1959–1971*; D. Wall, *The Charity of Nations*; C. Coombs, *The Arena of International Finance*; A. Shonfield (Ed.), *International Economic Relations of the Western World, 1959–1971*, Vol. I; D. Rustow and J. Muguo, *O.P.E.C.: Success and Prospects*.

### IR113(a) The Politics of International Economic Institutions (Class)

Susan Strange. Five classes, Michaelmas Term.

For B.Sc. (Econ.) Part II.

### IR114 Theories of International Institutional Co-operation

Mr Taylor. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc.

**Syllabus** An examination of the major theories about the origins, shape and purpose of international institutions in international society. Theories linking the tasks of international institutions with the problems of world order: international integration, sovereignty and community building; multilateral diplomacy, peaceful change and the compatibility of state interests.

**Recommended reading** E. B. Haas, *Beyond the Nation State*; J. P. Sewell, *Functionalism and World Politics*; G. Myrdal, *Beyond the Welfare State*; W. Foote, *Dag Hammarskjöld: Servant of Peace*; C. W. Jenks, *The Common Law of Mankind*; K. Deutsch, *Political Community in the North Atlantic Area*; G. Clark and L. Sohn, *World Peace through World Law*; P. Taylor, *International Co-operation Today*; C. Pentland, *International Theory and European Integration*; D. Mitrany, *A Working Peace System*; A. J. R. Groom and P. G. Taylor (Eds.), *Functionalism*.

### IR115 International Institutions and the International Environment

Professor Goodwin. Six lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II and graduate students interested.

**Syllabus** An examination of selected environmental issues, including the use of raw material, food, energy and sea-bed resources and measures for population control, and of proposals for their collective management.

**Recommended reading** will be given during the course.

### IR116 The Politics of Western European Integration

Mr Taylor. Ten lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.; M.Sc.

**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 supra-nationality. The Federalist, the Confederalist and the Functionalist approaches to the integration of the Six. European security and European integration.

**Recommended reading** M. Hodges (Ed.), *European Integration*; P. Dagtoglou (Ed.), *Basic Problems of the European Community*; G. Mally, *The European Community in perspective: the new Europe, the United States and the world*; Political and Economic Planning, *European Unity*; L. N. Lindberg and S. Scheingold, *Europe's Would-Be Polity*; U. Kitzinger, *Diplomacy and Persuasion: How Britain joined the Common Market*; R. Morgan, *West European Politics since 1945*; A. Spinelli, *The Eurocrats*; J. Newhouse, *Collision in Brussels: the Common Market Crisis of 30 June 1965*; S. Bodenheimer, *Political Union: a Microcosm of European Politics*; P. Taylor, *International Co-operation Today: the European and the Universal Pattern*; R. Pryce, *The Politics of the European Community*.

### IR116(a) The Politics of Western European Integration (Class)

Five classes, Summer Term.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.

### IR117 The External Relations of the European Community

Professor Goodwin. Five lectures, Michaelmas Term.

For M.Sc. European Studies; B.A. c.u. main field French Studies 2nd yr, and other graduate and undergraduate students interested.

**Syllabus** An examination of the external relations of the European Community with particular reference to forms of political cooperation, to East-West relations in Europe, to relations with the U.S.A. and Japan and to association agreements with African and Mediterranean countries.

**Recommended reading** will be given during the course.

### IR118 Theories of International Politics

Mr Donelan. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

**Syllabus** The ideas of various statesmen and theorists about right organization and

right conduct in world politics.

**Recommended reading** A. P. d'Entrèves, *The Notion of the State*; R. Cox (Ed.), *The State in International Relations*; F. Russell, *Theories of International Politics*; Aristotle, *Politics*; Hobbes, *Leviathan*; Locke, *Second Treatise of Civil Government*; M. Wright (Ed.), *Theory and Practice of the Balance of Power, 1486-1914*; M. G. Forsyth and others (Eds.), *The Theory of International Relations*; C. Holbraad, *The Concert of Europe*; J. Plamenatz, *On Alien Rule and Self-Government*; D. Mitrany, *A Working Peace System*; R. Sterling, *Ethics in a World of Power*; K. N. Waltz, *Man, The State and War*; S. Hoffman, *The State of War*; A. Nussbaum, *A Concise History of the Law of Nations*; Vitoria, *De Indis*; Vattel, *Le Droit des Gens*; S. Bailey, *Prohibitions and Restraints in War*; W. Stein (Ed.), *Nuclear Weapons and Christian Conscience*; Kant, *Perpetual Peace*; Meinecke, *Machiavellism*; E. H. Carr, *The Twenty Years' Crisis*; J. Herz, *Political Realism and Political Idealism*; R. J. Vincent, *Non-Intervention and International Order*; J. Tooke, *The Just War in Aquinas and Grotius*; B. Midgley, *The Natural Law Tradition and the Theory of International Relations*; A. Wolfers and L. Martin (Eds.), *The Anglo-American Tradition in Foreign Affairs*; F. H. Hinsley, *Power and the Pursuit of Peace*.

### IR118(a) Theories of International Politics (Class)

Lent Term.

For B.Sc. (Econ.) Part II.

### IR119 Concepts and Methods of International Relations

Mr Banks. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.; B.Sc. (Econ.) Part II; B.A. B.Sc. c.u. main fields Geog., French Studies 2nd yr. and other students.

**Syllabus** Evolution and character of the international relations discipline and associated fields. Present structure of the discipline. Problems of epistemology and method. Levels of analysis and units of analysis. Principal conceptual frameworks; historiographic, structuralist, empiricist, traditionalist, normative and social-scientific. Major contemporary paradigms: power theory, the systems perspective, policy formation, psychological approaches, conflict analysis, bargaining

theory, organisation theory, communications theories, integration theory.

Applications, developments and criticisms of these paradigms. Research techniques at the international and cross national levels: definitions and measurement, aggregate data analysis, case studies, small-group research, simulation, documentary analysis, formal modelling. Normative approaches; the peace research movement and the growth of futurist studies. Political aspects of major topics of contemporary concern: alienation and violence (official and non-governmental), ecological degradation, resource depletion, social injustice, mass poverty. The relationship between the academic discipline and policy formation.

Contemporary trends and controversies.

**Recommended reading** D. A. Apter and C. F. Andrain (Eds.), *Contemporary Analytical Theory*; R. A. Bauer and K. J. Gergen (Eds.), *The Study of Policy Formation*; P. M. Blau, *Exchange and Power in Social life*; D. B. Bobrow, *International Relations: New Approaches*; J. W. Burton, *Systems, States, Diplomacy and Rules*; J. Dedring, *Recent Advances in Peace and Conflict Research*; D. A. Easton, *A Systems Analysis of Political Life*; J. W. Forrester, *World Dynamics*; D. A. Goulet, *The Cruel Choice*; T. R. Gurr, *Why Men Rebel*; R. Jervis, *The Logic of Images in International Relations*; R. O. Keohane and J. S. Nye, *Transnational Relations and World Politics*; H. C. Kelman (Ed.), *International Behavior*; A. Leavsky et al (Eds.), *The Search for World Order*; R. J. Lieber, *Theory and World Politics*; C. A. McClelland, *Theory and the International System*; D. L. Meadows et al, *The Limits to Growth*; R. L. Merritt (Ed.), *Communication in International Politics*; C. Pentland, *International Theory and European Integration*; A. Rapoport, *Strategy and Conscience*; *Conflict in Man-Made Environment*; J. N. Rosenau (Ed.), *In Search of Global Patterns*; J. N. Rosenau et al, *The Analysis of International Politics*; J. N. Rosenau (Ed.), *International Politics and Foreign Policy*; R. J. Rummel, *The Dimensions of Nations*; B. M. Russett (Ed.), *Peace, War and Numbers*; J. D. Singer, *Beyond Conjecture*; C. G. Smith (Ed.), *Conflict Resolution*; J. D. Steinbruner, *The Cybernetic Theory of Decision*; M. Sullivan, *International Relations*; C. L. Taylor and M. C. Hudson, *World*

*Handbook of Political and Social Indicators*; Q. Wright *A Study of War*; C. Wulf (Ed.), *Handbook of Peace Education*.

### IR120 International Verification

Mr Sims. Ten lectures, Lent and Summer Terms.

For all interested students.

**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 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 entrusted with monitoring responsibilities. Intrusiveness, stringency and other qualities of verification procedures. The interaction of law, diplomacy and international organisation in different patterns of verification.

**Recommended reading** R. J. Barnett and R. A. Falk (Eds.), *Security in Disarmament*; K. Bruun, L. Pan and I. Rexed, *The Gentlemen's Club: International Control of Drugs and Alcohol*; E. B. Haas, *Beyond the Nation-State*; C. W. Jenks, *Social Justice in the Law of Nations*; C. W. Jenks, *The International Protection of Trade Union Freedom*; 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*; Stockholm International Peace Research Institute, *Chemical Disarmament: Some Problems of Verification*; Stockholm International Peace Research Institute, *Safeguards Against Nuclear Proliferation*; United Nations, *The United Nations and Disarmament 1945-1970 and 1970-1975*; Sir M. Wright, *Disarm and Verify*; E. Young, *A Farewell to Arms Control?*

### IR121 Psychological Aspects of International Relations

Professor Northedge. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II; M.Sc.

**Syllabus** The more important psychological factors affecting the mutual relations of modern States. Consideration will be given to: non-rational elements in political belief and behaviour; the formation of political ideas and the external control of public opinion; the emotional functions of nationalism and other collective symbols of international relevance; communal traditions, sentiment and prejudice; national attitudes and character and methods of their study; ideological forces in policy-making; propaganda and psychological warfare; psychological factors in inter-state conflict.

**Recommended reading** M. and C. W.

Sherif, *An Outline of Social Psychology*; I. L. Horowitz, *Radicalism and the Revolt against Reason*; R. Crawshaw-Williams, *The Comforts of Unreason*; E. Hoffer, *The True Believer*; G. A. Almond, *The Appeals of Communism*; F. C. Barghoorn, *The Soviet Cultural Offensive*; L. M. Fraser, *Propaganda*; J. C. Clews, *Communist Propaganda Techniques*; E. Fromm, *The Fear of Freedom*; B. C. Shafer, *Nationalism: Myth and Reality*; H. C. Kelman (Ed.), *International Behaviour*; D. Lerner, *Sykewar*; N. Berdyaev, *The Russian Idea*; W. Röpke, *The German Question*; B. Schaffner, *Fatherland*; K. Z. Lorenz, *On Aggression*; R. Niebuhr, *The Irony of American History*; R. Benedict, *Race and Racism*; Edwin I. Megargen and Jack E. Hokanson (Eds.), *The Dynamics of Aggression*; J. H. de Rivera, *The Psychological Dimension of Foreign Policy*; C. Yost, *The Insecurity of Nations*.

### IR122 Imperialism

Mr E. A. Roberts. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

**Syllabus** Empires and imperialism as factors in international politics, particularly in the nineteenth and twentieth centuries. The various meanings attached to the words "empire" and "imperialism". The various attempts, Marxist, neo-Marxist and others, to explain the causes of imperialism. Security problems and their interrelationship with empires. The

ideological bases of imperialism. Patterns of imperial control and anti-imperial struggle. The dissolution of empires, and the concept of "neo-colonialism". The future of imperialism. Imperialism as a "single-factor" explanation of international politics.

**Recommended reading** Shlomo Avineri (Ed.), *Karl Marx on Colonialism and Modernization*; Michael Barratt Brown, *The Economics of Imperialism*; B. J. Cohen, *The Question of Imperialism*; C. Cross, *The Fall of the British Empire*; S. C. Easton, *The Rise and Fall of Western Colonialism*; H. E. Egerton, *A Short History of British Colonial Policy*; A. Emmanuel, *Unequal Exchange*; D. K. Fieldhouse, *The Theory of Capitalist Imperialism*; E. J. Hobsbawm, *Industry and Empire*; J. A. Hobson, *Imperialism: A Study*; T. Kemp, *Theories of Imperialism*; V. G. Kiernan, *Marxism and Imperialism*; R. Koebner and H. D. Schmidt, *Imperialism: The Story and Significance of a Political Word*; V. I. Lenin, *Imperialism, The Highest Stage of Capitalism*; H. Magdoff, *The Age of Imperialism*; R. Owen and R. B. Sutcliffe, *Studies in the Theory of Imperialism*; R. E. Robinson and J. Gallagher, *Africa and the Victorians*; J. A. Schumpeter, *Imperialism and Social Classes*; B. Semmel, *Imperialism and Social Reform*; G. H. N. Seton-Watson, *The New Imperialism*; A. P. Thornton, *Doctrines of Imperialism*; R. Vernon, *Sovereignty at Bay*; E. M. Winslow, *The Pattern of Imperialism*.

### IR123 The Politics of International Economic Relations

Mr Donelan and Mr Mayall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

**Syllabus** (i) the growth of the international economy and its political implications (ii) economic nationalism and regionalism in the international economy (iii) problems of political control of the contemporary international economy (iv) economic factors in the formulation of foreign policy (v) economic resources and foreign policy (vi) economic instruments of foreign policy. **Recommended reading** W. Ashworth, *A Short History of the International Economy since 1850*; C. Kindleberger, *Power and Money*; A. Harrison, *The Framework of Economic Activity*; K. Polanyi, *The*

*Great Transformation*; H. Arndt, *The Economic Lessons of the 1930s*; R. Gardner, *Sterling-Dollar Diplomacy*; G. Curzon, *Multilateral Commercial Diplomacy*; A. Nove and D. Donnelly, *East-West Trade*; S. Dell, *Trade Blocs and Common Markets*; D. Fieldhouse, *The Theory of Capitalist Imperialism*; J. M. Keynes, *The Economic Consequences of the Peace*; A. Hirschman, *National Power and the Structure of Foreign Trade*; H. Aubrey, *The Dollar in World Affairs*; S. Strange, *Sterling and British Policy*; R. Walters, *American and Soviet Foreign Aid*; M. Doxey, *Economic Sanctions and International Enforcement*; Andrew Shonfield (Ed.), *International Economic Relations of the Western World*.

### IR123(a) The Politics of International Economic Relations (Class)

Mr Donelan and Mr Mayall. Lent Term.

For B.Sc. (Econ.) Part II.

### IR124 International Business in the International System

Susan Strange. Five lectures, Michaelmas Term.

For interested students.

**Syllabus** An introduction for non-specialists to questions raised by the expanding power in the world economy of large corporations operating transnationally; and to some of the explanations, extrapolations and interpretations that have been advanced concerning them; their impact on political theories, concepts of the state, national sovereignty and international relations and organisation; and on economic theories of international trade, payments and development. Normative and policy questions posed for individual states and for the international community and economy by the expansion of international production and economic enterprise.

**Recommended reading** R. Gilpin, *United States Policy and the Multinational Corporation*; J. R. Nye and R. Keohane, *Transnational Relations and World Politics*; J. R. Nye and R. Keohane, *Politics of Complex Interdependence*; C. Kindleberger (Ed.), *The International Corporation*; R. Vernon (Ed.), *Government and Big Business*; L. Franko, *The European Multinationals*.

### IR125 Contemporary Strategic Problems

Mr Windsor. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. and other graduate students interested.

**Syllabus** The place of strategy in contemporary international relations. Development of strategic concepts since Clausewitz. Developments in military technology since 1945 and their impact on strategic thinking. Elements of continuity and elements of change in thinking about the conduct of war. The development of strategic doctrine in the United States, the U.S.S.R. and Western Europe. The idea of deterrence. The idea of limited war. The problems of alliances. Revolutionary and guerrilla warfare. The nature and problems of strategic detente. Theories of disarmament and arms control. The historical experience of arms control negotiations and problems of contemporary arms control.

**Recommended reading** A. Buchan, *War in Modern Society*; K. von Clausewitz, *On War*; B. Brodie, *Strategy in the Missile Age*; B. Brodie, *War and Politics*; E. M. Earle (Ed.), *Makers of Modern Strategy*; M. Howard, "War as an instrument of policy" in H. Butterfield and M. Wight (Eds.), *Diplomatic Investigations*; R. E. Hunter, *Security in Europe*; H. Kissinger, *The Troubled Partnership*; T. C. Schelling, *Arms and Influence*; T. C. Schelling and M. H. Halperin, *Strategy and Arms Control*; H. Bull, *The Control of the Arms Race*; M. H. Halperin, *Limited War in the Nuclear Age*; L. Beaton, *Must the Bomb Spread?*; Mao Tse-tung, *Selected Works*; P. Parry and J. W. Shy, *Guerrillas in the 1960s*; A. Buchan (Ed.), *Problems of Modern Strategy*.

### IR126 The Strategic Aspects of International Relations (Class)

Mr Windsor. Lent Term.

For B.Sc. (Econ.) Part II.

### IR127 Strategic Theory and Military Policy since 1945

Professor Martin (King's College).

Ten lectures, Michaelmas Term.

For M.Sc.

**Syllabus** The evolution of strategic doctrine and military policy since 1945 with special reference to the United States,

the Soviet Union, Western Europe and China. Elements of continuity and change in strategic thought. Ideas of deterrence, strategic stability and limited war. The development of technology and its impact on thought and practice. Problems of alliances. Theories of revolutionary and guerrilla war. Counter-insurgency. The practice of coercive diplomacy. Insurgency and domestic violence. Problems of disarmament and arms control. Special problems of the smaller powers.

### IR128 Disarmament and Arms Limitation

Mr E. A. Roberts and Mr Sims. Ten lectures, Lent Term.

For undergraduate and graduate students interested.

**Syllabus** Theories and cases of disarmament, and negotiations about it. (The term 'disarmament' is used to include not only complete disarmament, but also the various forms of arms limitation and control.) Changing conceptions of disarmament and arms limitation; the history and effect of negotiations in these matters; the impact of enforced unilateral disarmament, as in Germany after the first world war; the control of nuclear testing and nuclear proliferation; agreements on seabed arms control and on chemical and biological warfare; proposals for limitation and disengagement of forces; the problems of verification, inspection, and control of armaments. The political, institutional and intellectual context of disarmament and arms limitation. Public opinion and other non-governmental influences on disarmament; institutional framework of policy formation and international negotiation; international behavioural assumptions underlying disarmament ideas.

**Recommended reading** S. D. Bailey, *Prohibitions and Restraints in War*; R. J. Barnet and R. A. Falk (Eds.), *Security in Disarmament*; B. M. Blechman, *The Control of Naval Armaments*; D. G. Brennan (Ed.), *Arms Control, Disarmament, and National Security*; H. Bull, *The Control of the Arms Race*; A. Carter (Ed.), *Unilateral Disarmament*; J. E. Dougherty, *Arms Control and Disarmament*; W. Epstein, *The Last Chance: Nuclear Proliferation and Arms Control*; G. Fischer, *The Non-Proliferation of Nuclear Weapons*; J. Garnett (Ed.), *Theories of*

*Peace and Security*; W. R. Kintner and R. L. Pfaltzgarff (Eds.), *SALT: Implications for Arms Control in the 1970's*; E. Luard (Ed.), *First Steps to Disarmament*; P. J. Noel-Baker, *The Arms Race*; C. E. Osgood, *An Alternative to War or Surrender*; G. H. Quester, *The Politics of Nuclear Proliferation*; 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*; M. Willrich and J. B. Rhineland (Eds.), *SALT: The Moscow Agreements and Beyond*; Sir Michael Wright, *Disarm and Verify*; H. F. York (Ed.), *Arms Control*; E. Young, *A Farewell to Arms Control?*

### IR129 Resistance in International Conflict

Mr E. A. Roberts. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

**Syllabus** The use of various methods of resistance, both violent and non-violent, in movements against colonialism, foreign military occupation, and against the *coup d'état*. The main emphasis is on twentieth century cases, and on the various theories attaching to them. The interactions between resistance and domestic political and economic structures; also between resistance and international relations generally.

**Recommended reading** J. V. Bondurant, *Conquest of Violence*; C. von Clausewitz, *On War*; M. Elliott-Bateman et al (Eds.), *Revolt to Revolution*; M. R. D. Foot, *Resistance*; E. Guevara, *Guerrilla Warfare*; T. R. Gurr, *Why Men Rebel*; C. A. Johnson, *Peasant Nationalism and Communist Power*; W. Laqueur, *Guerrilla*; Mao Tse-tung, *Selected Works*; V. Mastny, *The Czechs Under Nazi Rule*; Henri Michel, *The Shadow War*; F. M. Osanka (Ed.), *Modern Guerrilla Warfare*; P. Paret and J. W. Shy, *Guerrillas in the 1960s*; A. Roberts, *Nations in Arms*; G. Sharp, *The Politics of Non-Violent Action*; M. Q. Sibley (Ed.), *The Quiet Battle*; G. K. Tanham, *Communist Revolutionary Warfare*; Jozo Tomasevich, *War and Revolution in Yugoslavia 1941-45*.

### IR130 The Sociology of International Law

371 *International Relations*

Dr Higgins. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

**Syllabus** The purpose of this course is to examine the role of international law in international society. The topics which will be considered are: power and international law; peaceful change; the sources of international law; the international judicial process; the legal status of international law; the relevance of the concept of "the rule of law"; sanctions and international law; the United Nations and international law; ideology and international law; law and order in international society.

**Recommended reading** J. L. Brierly, *The Basis of Obligation in International Law and Other Papers*; M. A. Kaplan and N. de B. Katzenbach, *The Political Foundations of International Law*; G. Schwarzenberger, *The Inductive Approach to International Law*; C. de Visscher, *Theory and Reality in Public International Law*; W. Friedmann, *The Changing Structure of International Law*; L. Henkin, *How Nations Behave*; W. D. Coplin, *The Functions of International Law*; K. W. Deutsch and S. Hoffman (Eds.), *The Relevance of International Law*; C. W. Jenks, *Law, Freedom and Welfare*; R. P. Anand, *Asian States and the Development of Universal International Law*; R. A. Falk, *The Status of Law in International Society*; R. Higgins, *Conflict of Interests*; Myres McDougal and Associates, *Studies in World Public Order*; F. A. Mann, *Studies in International Law*; T. Franck, *The Structure of Impartiality*; R. Bowie, *International Crises and the Role of Law*; Suez 1956; A. Chayes, *International Crises and the Role of Law: The Cuban Missile Crisis 1962*; Sir Gerald Fitzmaurice, "The Uses and Perils of Judicial Innovation", in *Essays in Honor of Lord McNair*; W. Gould and M. Barkun, *International Law and the Social Sciences*.

### IR130(a) The Sociology of International Law (Class)

Lent Term.

For B.Sc. (Econ.) Part II.

### IR131 Current Issues in International Relations (Seminar)

Mr G. H. Stern.

Lent and Summer Terms.

For interested students.

A weekly discussion of international topics of current interest and the issues they raise for the academic student of international relations.

#### SEMINARS FOR M.Sc. AND OTHER GRADUATE STUDENTS

##### IR149 International Relations Seminar

Members of the Department. Sessional.  
For M.Sc.

##### IR150 General International Relations Seminar

Professor Northedge and others. Sessional.  
For staff and all M.Phil. and Ph.D. students in International Relations. Admission by permission of Professor Northedge.

##### IR151 Research Seminar

Professor Northedge and Mr Yahuda. Michaelmas Term.  
For all first-year M.Phil. and Ph.D. students in International Relations.

##### IR152 International Politics

Mr Banks, Mr Donelan, Mr G. H. Stern and Mr Yahuda. Michaelmas Term.  
For M.Sc. and other first-year graduate students.

##### IR153 Foreign Policy Analysis

Professor Goodwin and Mr C. J. Hill.

(i) For M.Phil. and Ph.D. students.

Sessional.

(ii) For M.Sc.

Lent and Summer Terms.

##### IR154 Decision-Making

Mr C. J. Hill. Sessional.

For staff and research students by invitation.

An inter-disciplinary seminar to bring together those working on the analysis of decision-making in whatever context.

##### IR155 The International Politics of the Western Powers

Professor Northedge. Lent and Summer Terms.  
For M.Sc. and other graduate students.

##### IR156 International Politics: The Communist Powers

Mr G. H. Stern. Lent and Summer Terms.  
For M.Sc. and other graduate students.

##### IR157 Asia and the Pacific in International Relations

Dr Leifer and Mr Yahuda. Lent and Summer Terms.  
For M.Sc. and other graduate students.

##### IR158 Foreign Relations of African States

Mr Mayall and Mr Panter-Brick. Lent Term.  
For M.Sc.; M.A. Area Studies—Africa, and other graduate students.

##### IR159 International Politics of the Middle East

Dr Hirszowicz. Summer Term.  
For M.Sc. and other graduate students.

##### IR160 International Institutions

Professor Goodwin and Mr Sims. Sessional.  
For M.Sc.

##### IR161 European Institutions

Mr Taylor. Michaelmas and Lent Terms.  
For M.Sc. and other graduate students.

##### IR162 External Relations of the European Community

Professor Goodwin. Michaelmas Term.  
For M.Sc. and other graduate students.

##### IR163 Theories of International Politics

Mr Donelan. Lent Term.  
For M.Sc., LL.M. and other graduate students.

##### IR164 Concepts and Methods of International Relations

Mr Banks. Lent and Summer Terms.  
For M.Sc.

##### IR165 Imperialism

Mr E. A. Roberts. Lent and Summer Terms.  
For M.Sc. and other graduate students.

##### IR166 The Politics of International Economic Institutions

Susan Strange. Michaelmas Term.  
For M.Sc. and third-year undergraduate students.

##### IR167 The Politics of International Economic Relations

Mr Donelan and Mr Mayall. Lent Term.  
For M.Sc. and other graduate students.

##### IR168 International Business in the International System

Susan Strange. Michaelmas Term.  
For M.Sc. and interested students.

##### IR169 International Politics of Energy and Raw Materials

Professor Goodwin and Mr Mayall. Sessional.  
For staff and research students by invitation.

##### IR170 The Politics of International Law

Dr Higgins. Lent Term.  
For M.Sc.

##### IR171 Strategic Studies

Mr Windsor. Sessional.  
For M.Sc. and other graduate students.

##### IR172 Disarmament and Arms Limitation

Mr E. A. Roberts and Mr Sims. Summer Term.  
For M.Sc. and other graduate students.

##### IR173 International Politics

Professor Northedge. Sessional.  
For LL.M.

**Note** The attention of students, particularly those taking the M.Sc. in European Studies, is drawn to the following:

Interdepartmental courses of the International Relations and Government departments:

##### Gv219 West European Studies (Seminar)

*Other sections and courses:*

##### Economics (International Economics Courses)

##### International History

##### Ec204 Selected Topics in the Economics of European Integration

##### LL119 International Protection of Human Rights

##### LL163 International Law

##### LL212 Law of International Institutions

##### LL213 Law of European Institutions

## Languages

### (English, French, German, Russian, Spanish, General Linguistics and Phonetics)

(B.Sc. (Econ.) students wishing to study a language must register with the Secretary of the department in the first week of the session. A language may be taken at Part II of the B.Sc. (Econ.) degree even if it has not been taken at Part I. Normally a good A-level in the language will be required.

Students requiring extra-curricular language teaching should enquire at the departmental office as early as possible in the session.)

N.B. Language Laboratory: Language tapes at various levels (including beginners) are available for self-instruction and for use in connection with regular classes. Enquiries to the Language Laboratory Assistant, 7th floor, Clare Market Building.

### GENERAL

#### Ln100 Introduction to General Linguistics

Ms Aitchison and Dr Murray.

Twenty-five lectures, Sessional.

For B.Sc. c.u. main fields Soc. Anth.

3rd yr., Soc., Soc. Psych.; Dip. Soc. Anth. Syllabus Scope of general linguistics.

An introduction to linguistics oriented towards Chomsky's transformational-generative grammar. The aim and content of grammars. Deep and surface structure. The nature of transformations. The Lexicon.

**Recommended reading** A. Akmajian and F. Heny, *An Introduction to the Principles of Transformational Syntax*; P. W. Culicover, *Syntax*; R. Huddleston, *An Introduction to English Transformational Syntax*; M. Burt, *From Deep to Surface Structure*.

#### Ln100(a) Introduction to General Linguistics (Class)

Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.

#### Ln100(b) Introduction to General Linguistics (Class)

Sessional.

For B.Sc. c.u. main fields Soc., Soc. Psych.; B.A. French Studies.

#### Ln101 Semantics

Dr Murray. Ten lectures, Michaelmas Term.

For B.A. Ling. 4th yr.

#### Ln102 Linguistic Theory

Dr Murray. Sessional.

For B.A. Ling. 4th yr. and graduate students.

#### Ln102(a) Linguistic Theory (Class)

Dr Murray. Sessional.

For B.A. Ling. 4th yr.

#### Ln103 Language, Mind and Society

Ms Aitchison. Twenty lectures, Michaelmas and Lent Terms.

This course will not be available in 1977-78.

For B.Sc. c.u. main field Soc. and other interested students.

**Syllabus** The innateness question. Child language acquisition. The mental representation of grammar. The reflection of social stratification in linguistic structures. Language variation and the mechanism of linguistic change.

**Recommended reading** J. Aitchison, *The Articulate Mammal*; R. Brown, *A First Language*; J. A. Fodor, T. G. Bever and M. Garrett, *The Psychology of Language*; W. Labov, *Sociolinguistic Patterns*.

#### Ln104 Psycholinguistics (Revision Class)

Ms Aitchison. Fifteen classes, Michaelmas and Summer Terms. For B.A. Ling. 4th yr.

#### Ln105 Diachronic Syntax Seminar

Ms Aitchison. Summer Term. For interested students.

## FRENCH

### Ln201 The Development of Modern French

Dr George. Sessional.

For B.A. French Studies 2nd yr.

### Ln202 The Development of Ideas and Literature in France in the 17th and 18th Centuries

Dr Green. Sessional.

For B.A. French Studies 1st yr.

**Description of course** A study of the literature and changing intellectual climate in France in the 17th and 18th centuries.

**Recommended background reading**

A. Adam, *Grandeur and Illusion: French Literature and Society 1600-1715*;

B. Hazard, *The European Mind 1680-1715* (Penguin); D. Mornet, *La Pensée française au 18<sup>ème</sup> siècle; les origines intellectuelles de la Révolution française*;

J. Cruickshank (Ed.), *French Literature and its Background*, Vols. 2 and 3; W. D. Howarth, *Life and Letters in France, Seventeenth Century*; R. Fargher, *Life and Letters in France, Eighteenth Century*; W. G. Moore, *The Classical Drama of France*.

### Ln202(a) Classes

Dr Green. Sessional.

For B.A. French Studies 1st yr.

### Ln203 History of Ideas in France from 1815 to the Present Day

Lecturer to be announced.

Sessional.

For B.A. French Studies 2nd yr.

**Syllabus** A study of the changing intellectual climate in France in the 19th and 20th centuries.

**Recommended reading** to be announced.

### Ln204 Literature in France in the 19th and 20th Centuries

Dr Green. Sessional.

For B.A. French Studies 2nd yr.

**Syllabus** A study of novels, poetry and drama of the main literary movements in France in the 19th and 20th centuries.

**Recommended background reading**

J. Cruickshank (Ed.), *French Literature and its Background*, Vols. 4, 5 and 6; M. Raimond, *Le Roman depuis la révolution*; F. W. J. Hemmings, *Culture and Society in France, 1848-1898*.

### Ln204(a) Classes

Dr Green. Sessional.

For B.A. French Studies 2nd yr.

### Ln205 Twentieth Century French Literature

Dr Green. Sessional.

For B.A. French 4th yr.; B.A. French Studies 3rd yr.

### Ln205(a) Twentieth Century French Literature (Seminar)

Dr Green. Sessional.

For B.A. French 4th yr.; B.A. French Studies 3rd yr.

### Ln206 French Essay and Translation (Classes)

Sessional.

For B.A. French Studies 1st yr.

### Ln207 Oral French (Classes)

Sessional.

For B.A. French Studies 1st yr.

### Ln208 French Essay and Translation (Classes)

Sessional.

For B.A. French Studies 2nd yr.

### Ln209 Oral French (Classes)

Sessional.

For B.A. French Studies 2nd yr.

### Ln210 French Essay and Translation (Classes)

Sessional.

For B.A. French 4th yr.

### Ln211 Oral French (Classes)

Sessional.

For B.A. French 4th yr.

### Ln212 French Contemporary Texts, Translation and Discussion (Class)

Sessional.

For B.Sc. (Econ.) Part I.

### Ln213 French Essay and Translation (Classes)

Fortnightly, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.

### Ln214 French Essay and Translation (Classes)

Fortnightly, Sessional.

For B.Sc. (Econ.) Part II 3rd yr.

**Ln215 French Political and Social Texts from 1870 (Class)**

Lecturer to be announced.  
Fortnightly, Sessional.  
For B.Sc. (Econ.) Part II.

**Ln216 French Political and Social Texts from 1918 (Class)**

Lecturer to be announced.  
Fortnightly, Sessional.  
For B.Sc. (Econ.) Part II.

**Ln217 Contemporary French Thought**

Lecturer to be announced.  
Sessional.  
For B.A. French 4th yr.  
**Description of course** An outline of French philosophy since the beginning of the twentieth century, with special reference to Bergson, Sartre and Bachelard.  
**Recommended reading** to be announced.

**Ln218 The French Language in the Twentieth Century**

Dr George. Sessional.  
For B.A. French 4th yr.

**Ln219 French Theatre of the Avant-garde**

Dr Green. Sessional.  
For B.A. French 4th yr. and B.A. French Studies 3rd yr.  
**Description of course** A study of modern French drama, with special reference to texts by Artaud, Adamov, Ionesco, Beckett and Genet.

**Ln220 French Literature under the Second Empire and its Social and Political Background**

Dr Green. Sessional.  
For B.A. French Studies 3rd yr.  
**Description of course** A special study including texts by Baudelaire, Flaubert, Fromentin, Goncourt brothers, Leconte de Lisle, Michelet and Taine.

**SPANISH**

**Ln300 The History of the Spanish Language, II**

Mr Gooch. Sessional.  
For B.A. Spanish 4th yr.

**Description of course** Topics of especial philological importance are studied in depth, and representative texts are analysed in detail.

**Ln301 Spanish Translation I (Class)**

Mr Gooch. Sessional.  
For B.Sc. (Econ.) Part I; B.A. French Studies.

**Ln302 Spanish Contemporary Texts and Discussion (Class)**

Mr Gooch. Sessional.  
For B.Sc. (Econ.) Part I  
**Description of course** Close study of texts selected for their social, political and literary significance and linguistic interest.  
**Recommended background reading** G. Brenan, *The Literature of the Spanish People*; J. García López, *Historia de la literatura española*; W. C. Atkinson, *A History of Spain and Portugal*; F. Eguiagaray, *Historia contemporánea de España*.

**Ln303 Spanish Essay and Translation II (Classes)**

Mr Gooch. Sessional.  
For B.A. French Studies; B.Sc. (Econ.) Part II 2nd yr.

**Ln304 Spanish Essay and Translation III (Classes)**

Mr Gooch. Sessional.  
For B.A. Spanish 4th yr; B.Sc. (Econ.) Part II 3rd yr.

**Ln305 Selected Nineteenth and Twentieth Century Spanish Authors**

Mr Gooch. Sessional.  
For B.A. Spanish 4th yr.; B.Sc. (Econ.) Part II.  
**Description of course** Particular attention is given to the novel and theatre. Detailed study of the work of such authors as Pérez Galdós, Pardo Bazán, Valle-Inclán, Cela and Martín-Santos, Benavente, Lorca and Buero Vallejo.  
**Recommended background reading** G. Torrente Ballester, *Panorama de la literatura española contemporánea*; E. de Nora, *La novela española contemporánea*; G. Torrente Ballester, *Teatro español contemporáneo*; D. L. Shaw and G. G. Brown, *Benn Literary History of Spain* (Nineteenth and Twentieth Centuries).

**Ln306 Spanish Special Subject: The Spanish Language in the Twentieth Century**

Mr Gooch. Sessional.  
For B.A. Spanish.  
**Description of course** Advanced aspects of *Phonology, Grammar, Lexicology* and *Semantics*. Under *Grammar* specialised knowledge will be required of such topics as the inter-relation of the ethic dative and reflexive, the *ser/estar* dichotomy, prepositional structure and idiomatic usage of number. Under *Lexicology* and *Semantics* detailed study will be required of word-formation, adjectival and adverbial usage, the concepts of field, range, synonymy, register, and other linguistic phenomena. Close analysis will be required of exacting texts selected from modern authors.  
**Note:** Other special subjects, taught at different Colleges of the University, are also available.

**GERMAN**

**Ln400 German Translation I (Class)**

Mrs Hay. Sessional.  
For B.Sc. (Econ.) Part I.

**Ln401 German Translation II (Classes)**

Mrs Hay. Sessional.  
For B.Sc. (Econ.) Part II 2nd yr.

**Ln402 German Translation III (Classes)**

Sessional.  
For B.A. Ger. 4th yr.; B.Sc. (Econ.) Part II 3rd yr.

**Ln403 German Discussion and Essay (Class)**

Mrs Hay. Sessional.  
For B.Sc. (Econ.) Part I.

**Ln404 German Essay and Discussion (Classes)**

Mrs Hay. Sessional.  
For B.A. Ger. 4th yr.; B.Sc. (Econ.) Part II 3rd yr.

**Ln405 Aspects of Contemporary Germany (Discussion Class)**

Sessional.  
For B.Sc. (Econ.) Part II 2nd yr.

**Ln406 Nineteenth Century German Literature (Revision)**

Mrs Hay. Sessional.  
For B.A. Ger. 4th yr.

**Ln407 Twentieth Century German Literature (Revision Class)**

Sessional.  
For B.A. Ger. 4th yr.

**RUSSIAN**

**Ln502 History of the Russian Language II (Class)**

Dr Johnson. Sessional.  
For B.A. Russian 4th yr.  
**Syllabus** The linguistic study and analysis of selected Old Russian historical texts.

**Ln503 Twentieth Century Russian Prose (Class)**

Dr Johnson. Sessional.  
For B.A. Russian 4th yr.  
**Syllabus** An outline of the development of the novel and the short story with special reference to: Gorky, Bunin, Zamyatin, Babel, Pilnyak, Sholokhov, Leonov, Olesha, Zoshchenko and the satirists, Pasternak, the post-1945 writers.  
**Recommended reading** Selected Russian texts and M. Slonim, *From Chekhov to the Revolution*; M. Slonim, *Soviet Russian Literature under Lenin and Stalin 1917-1953*; V. Alexandrova, *A History of Soviet Literature*; B. Thomson, *The Premature Revolution*.

**Ln504 Selected Nineteenth Century Russian Authors (Revision Class)**

Mrs Gottlieb. Sessional.  
For B.A. Russian 4th yr.

**Ln505 Nineteenth and Twentieth Century Russian Verse (Class)**

Dr Johnson. Sessional.  
For B.A. Russian 4th yr.  
**Syllabus** A general discussion of the life and works of Pushkin, Lermontov, Nekrasov, Tiutchev, Fet, Blok and the Symbolists, Mayakovsky, Pasternak and the poets of the 1920's.  
**Recommended reading** Selected Russian Texts; H. Troyat, *Pouchkine, M. Yu. Lermontov*; P. Obolensky, *The Penguin Book of Russian Verse*; S. Bonneau/Lafitte,



Alexandre Blok; R. Poggioli, *The Poets of Russia*, 1890-1930; M. Slonim, *The Epic of Russian Literature*.

**Ln506 Translation and Oral Practice (Class)**

Mrs Gottlieb. Sessional.  
For B.Sc. (Econ.) Part I.

**Ln507 Translation and Oral Practice (Class)**

Mrs Gottlieb. Sessional.  
For B.Sc. (Econ.) Part II 2nd yr.

**Ln508 Translation and Oral Practice (Class)**

Mrs Gottlieb. Sessional.  
For B.A. Russian 4th yr.; B.Sc. (Econ.) Part II 3rd yr.

**Ln509 Russian Composition (Class)**

Dr Johnson. Sessional.  
For B.Sc. (Econ.) Part I.

**Ln510 Russian Composition (Class)**

Dr Johnson. Sessional.  
For B.Sc. (Econ.) Part II 2nd yr.

**Ln511 Russian Composition (Class)**

Dr Johnson. Sessional.  
For B.A. Russian 4th yr.; B.Sc. (Econ.) Part II 3rd yr.

**Ln512 Russian Special Subjects**

Mrs Gottlieb and Dr Johnson. Sessional.  
For B.A. Russian 4th yr.  
**Syllabus** A detailed study of the life, work, and/or period of one of the following; Pushkin, Gogol, Tolstoy, Dostoyevsky, The Russian symbolists, Mayakovsky, Pasternak, Russian Literature since 1917.

**Ln513 Russian Language (Beginners) (Classes)**

Mrs Gottlieb and Dr Johnson. Sessional.  
(This course includes Language Laboratory work.)  
A basic practical course of Russian grammar and syntax for reading purposes. For M.Sc. in Government and other graduate students.

**Ln514 Russian Language (Intermediate) (Classes)**

Mrs Gottlieb and Dr Johnson. Sessional.  
(This course includes Language Laboratory work.)  
A continuation of Ln513 above. Study and translation of selected nineteenth and twentieth century philosophical and literary texts. For M.Sc. in Government and other graduate students.

**ENGLISH**

**Ln600 English as a Foreign Language**

Mr Chapman. Twenty lectures, Michaelmas and Lent Terms.  
For students whose native language is not English.

**Syllabus** The sentence. Nouns; articles and other modifiers of nouns. Pronouns. The verb; questions and negative statements; use of the tenses; auxiliaries; subject and object. Direct and reported speech. Position of adverbs. Prepositions. Clauses of purpose, result and condition. Number. Word-order. Punctuation. Figures of speech. Changes of meaning. Methods of word-formation.  
**Recommended reading** O. Jespersen, *Essentials of English Grammar*; C. L. Wrenn, *The English Language*; S. Potter, *Our Language*; H. W. Fowler, *The Concise Oxford Dictionary*; G. H. Vallins, *The Pattern of English*; C. Barber, *Linguistic Change in Present-Day English*; F. T. Wood, *English Colloquial Idioms*; G. Leech and J. Svartvik, *A Communicative Grammar of English*; W. H. Mittens, *A Grammar of Modern English*.

**Ln600(a) English as a Foreign Language (Class)**

Mr Chapman and others. In connection with Course Ln600. Admission will be by permission of Mr Chapman who will allocate students to suitable groups.

**Ln601 English Speech**

Mr Chapman. Five lectures, Michaelmas Term.  
For students whose native language is not English, though this course may be of value to other students.

**Syllabus** Speech-mechanism. The basic sounds of English speech. Accent, stress and intonation. Elision and weak forms. Dialect. Modern tendencies.  
**Recommended reading** N. C. Scott, *English Conversations*; P. A. D. MacCarthy, *English Pronunciation*; I. C. Ward, *The Phonetics of English*; A. C. Gimson, *An Introduction to the Pronunciation of English*; J. W. Lewis, *A Concise Pronouncing Dictionary of British and American English*.

**Ln602 Written English**

Mr Chapman. Eight lectures, Lent Term.

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*.

**Ln603 Literature and Society in Britain, (i) 1830-1900 or (ii) 1900 to the Present Day**

(Period offered in 1977-78 to be announced).

Mr Chapman. Sessional.  
For B.A. French Studies 1st yr.  
**Syllabus** Study of the principal authors of the period, with special attention to those whose work expressed the concerns of social and political thinking and movements. Students will need to know something of the history of the period and to read works by the authors studied in the light of this background.

## Law

### COURSES INTENDED PRIMARILY FOR LL.B. STUDENTS

#### COMPULSORY SUBJECTS

##### LL100 Public Law I: Elements of Government

Professor Griffith and others.  
Twenty lectures, Michaelmas and  
Lent Terms.

For LL.B. Intermediate; Optional for  
Dip. Soc. Admin. (one-yr.); B.Sc. S.S. and  
A. 2nd yr.

**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. Political parties.

(b) Local authorities: their staff.

(c) Public corporations: their staff.

(d) Parliament: its composition, functions  
and privileges. Ministerial responsibility.  
Elections.

(e) The Judiciary: its constitutional  
position.

(3) *The processes of government:*

The administrative process: its  
characteristics. The working of govern-  
ment. 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 processes  
of government. Administrative tribunals.

**Recommended reading** T. C. Hartley and

J. A. G. Griffith, *Government and Law*;

J. A. G. Griffith, *The Politics of the  
Judiciary* (to be published October 1977);

J. P. Mackintosh, *The Government and  
Politics of Britain*; G. Wilson, *Cases and  
Materials on Constitutional and*

*Administrative Law*; S. A. de Smith,  
*Constitutional and Administrative Law* (2nd  
edn.); J. A. G. Griffith and H. Street,

*Principles of Administrative Law* (5th edn.);

R. F. V. Heuston, *Essays in Constitutional  
Law*; R. Miliband, *The State in Capitalist  
Society*; G. Marshall and G. C.

Moodie, *Some Problems of the Constitution*;

B. R. Crick, *The Reform of Parliament*; R. T.  
McKenzie, *British Political Parties* (2nd

edn.); L. S. Amery, *Thoughts on the  
Constitution.*

Students should consult the latest editions  
of these books.

##### LL100(a) Twenty-five Classes

##### LL101 Law of Contract

Professor Grunfeld and Professor  
Cornish. Forty-two lectures,  
Sessional.

For LL.B. Intermediate.

**Syllabus** Functions of contract. Back-  
ground and modern problems of the  
English Law.

Formation of valid contracts; intention to  
create legal relations; offer and acceptance  
certainty; consideration; capacity; form.

Content: terms of the contract; inter-  
pretation of terms; express and implied  
terms; legal basis of standard contracts;  
judicial and legislative control of contract;  
oral, written and collateral contracts.  
Misrepresentation; mistake; duress and  
undue influence.

Illegality and public policy.

Privity of contract and its problems.

(Note Assignment and agency are  
excluded.)

Performance: agreed variation and  
abrogation; discharge by breach and  
frustration.

Remedies for breach. Limitation of action.

**Recommended reading** TEXTBOOKS: G. C.  
Cheshire and C. H. S. Fifoot, *The Law of  
Contract*; J. C. Smith and J. A. C.

Thomas, *A Casebook on Contract*;

R. Sutton and N. P. Shannon, *On  
Contract* (Ed. A. L. Diamond *et al*); G. H.

Treitel, *The Law of Contract*; W. R.

Anson, *Principles of the English Law of  
Contract* (Ed. A. G. Guest).

**FURTHER READING AND REFERENCE:**

P. S. Atiyah, *An Introduction to the  
Law of Contract*; G. H. Treitel, *An outline of  
the Law of Contract*; J. Chitty, *On Contracts*

(Vol. I, Ed. J. Morris); J. W. Salmond  
and J. Williams, *Principles of the Law  
of Contract*; C. H. S. Fifoot, *History and*

*Sources of Common Law*; A. Diamond  
and G. Borrie, *The Consumer, Society and*

*the Law.*

Students should consult the latest editions  
of these books.

##### LL101(a) Twenty Classes

##### LL102 Law of Property I

Dr S. A. Roberts, Mr J. S.

Anderson, Mr Bradley and Mr  
Partington. Forty-four lectures,  
Sessional.

For LL.B. Intermediate.

**Syllabus** General introduction: nature  
and functions of property law; types of  
property and of property right;  
comparisons with property systems in  
other societies.

Chattels: the nature of title to chattels;  
the protection and transfer of interests in  
chattels.

Land: the nature of interests in land;  
historical introduction to the land law down  
to 1925; reasons for and effects of 1925  
legislation; estates; landlord and tenant;  
trusts of land, including co-ownership;  
easements, covenants, mortgages; the  
registration of title.

**Recommended reading** M. Harwood, *English  
Land Law*; R. H. Maudsley and E. H.  
Burn, *Land Law: Cases and Materials*;  
R. E. Megarry, *Manual of Real Property*;  
J. Crossley Vaines, *Personal Property*; G. E.  
Cheshire, *Modern Law of Real Property*;  
M. Harwood, *Cases and Materials on  
English Land Law.*

**FURTHER REFERENCE:** F. H. Lawson, *The  
Law of Property*; A. W. B. Simpson,  
*Introduction to the History of Land Law*;  
R. E. Megarry and H. W. R. Wade, *The  
Law of Real Property*; W. Friedmann, *Law  
in a Changing Society*; P. S. Atiyah, *The  
Sale of Goods.*

Students should consult the latest editions  
of these books.

##### LL102(a) Twenty-five Classes

##### LL103 English Legal System

Professor Zander. Forty-three  
lectures, Sessional.

For LL.B. Intermediate.

**Syllabus I. Learning the law** (lectures in  
the first week):

The nature of the legal process; case and  
statute law and the courts; law reports  
and the library.

**Recommended reading** G. L. Williams,  
*Learning the Law.*

**Syllabus II.**

(a) *Making the law:* sources of law;  
custom; precedent; statutes and statutory  
interpretation.

(b) *Changing the law:* the machinery of  
law reform; codification.

(c) *Historical development of the English  
legal system:* origins of common law;  
general outline of the forms of action;  
development of equity; nineteenth-century  
reforms.

(d) *The Courts:* their structure, organization,  
jurisdiction.

(e) *Pre-trial:*

(1) Civil: interlocutory proceedings,  
pleadings.

(2) Criminal: investigation of crime by  
the police; the Judges' Rules; police  
powers of search; arrest; bail.

(f) *The Trial:*

Proceedings before the magistrates,  
including preliminary hearings;  
procedure in civil and criminal trials;  
rules of evidence. The jury.

Remedies; enforcement of judgments.

The appeal process. The costs of  
litigation; legal aid; right to counsel.

(g) *The legal profession:* judges, barristers  
and solicitors.

**PRESCRIBED BOOK:** M. Zander, *Cases and  
Materials on the English Legal System.*

**Recommended reading** C. K. Allen,  
*Law in the Making*; G. L.

Williams, *Proof of Guilt*; P. A. Devlin,  
*The Criminal Prosecution in England*;

*Trial by Jury*; W. R. Cornish, *The Jury*;

R. E. Megarry, *The Lawyer and Litigant  
in England*; B. Abel-Smith and R. B.

Stevens, *In Search of Justice*; M. Zander,  
*Lawyers and the Public Interest*; S. Dell,  
*Silent in Court.*

Students should consult the latest editions  
of these books.

##### LL103(a) Twenty-three Classes

##### LL104 Law of Tort

Mr Karsten, Mr Bradley,

Mrs Harlow and Dr Fulbrook.

Forty-five lectures, Sessional.

For LL.B. Part I.

**Syllabus Introduction**

An examination of the interests protected  
by the law of tort and of the basis of  
liability. The efficiency of the law of tort  
as a means of compensation for personal  
injuries; an examination of alternative  
schemes of compensation.

*Intentional torts to persons and property*

(a) Trespass to the person: the relation  
between trespass and negligence. Assault.  
Battery. False imprisonment. *Wilkinson v.*

*Downton.* A comparison with malicious  
prosecution.

(b) Trespass to land.

(c) General defences to intentional torts. *Negligent invasions of interests in persons and property*

(a) Negligence generally. *Donoghue v. Stevenson*. The elements of the tort of negligence. The standard of care. Damage to the plaintiff. The duty of care.

(b) Particular aspects of the duty of care:

- (i) General
- (ii) Omissions
- (iii) Statements
- (iv) Lawyers
- (v) Arbitrators
- (vi) Landlords
- (vii) Economic Loss
- (viii) Nervous Shock

(c) Contributory negligence

(d) *Volenti non fit injuria*

(e) Occupiers' liability

(f) Remoteness of damage

*Invasion of interests in persons and property where intentional or negligent conduct need not always be proved.*

(a) Nuisance

(b) *Rylands v. Fletcher*.

*Interference with economic interests and defamation.*

(a) Interference with contract

(b) Conspiracy

(c) Intimidation

(d) Defamation

*General topics*

Vicarious liability. Action for breach of statutory duty.

Students will be expected to show knowledge of the related parts of the law of Contract and Property.

**Recommended reading** TEXTBOOKS: J. W. Salmond, *The Law of Torts*; H. Street, *The Law of Torts*; P. H. Winfield and J. A. Jolowicz, *Law of Tort*; J. G. Fleming, *Introduction to the Law of Torts*.

**FURTHER READING:** P. S. Atiyah, *Accidents, Compensation and the Law*; J. G. Fleming, *The Law of Torts*; B. A. Hepple and M. H. Matthews, *Tort: Cases and Materials*; J. A. Weir, *Casebook of Torts*; C. A. Wright, *Cases on the Law of Torts*.

Students should consult the latest editions of these books.

#### LL104(a) Twenty-three Classes

##### LL105 Criminal Law

Mr Hall Williams and Ms Temkin.

Forty-six lectures, Sessional.

For LL.B. Part I.

**Syllabus** A. *General Principles of Responsibility*.

The need for a principle of responsibility and the growth of strict responsibility. Objective and subjective tests of liability. The meaning of *Actus Reus* and *Mens Rea*. Acts and omissions. Voluntary and involuntary conduct. Causation. Intention, recklessness and negligence. Principles of construction of penal legislation. Attempts, conspiracy and degrees of participation. General defences.

*Specific Problems of Responsibility.*

Mental disorder: insanity, diminished responsibility and the treatment of the mentally ill. Infancy. Corporations and group responsibility. Vicarious liability. B. *Specific Crimes: Legal Definition and Social Pathology.*

The more important criminal offences against person and property will be considered against the context of behavioural patterns in society and the use of the criminal law as a means of social control.

C. *Introduction to Criminology.*

Causal factors in crime. Crime prevention. Theory and purposes of punishment. The sentencing process and the function of the Courts; principles of sentencing policy. Treatment of offenders.

**Recommended reading** BASIC TEXTBOOKS: J. C. Smith and B. Hogan, *Criminal Law; Cases and Materials*; P. A. Jones and R. Card, *Introduction to Criminal Law; Cases on Criminal Law*; D. W. Elliott and J. C. Wood, *A Casebook on Criminal Law*. **FURTHER READING:** J. C. Smith, *The Law of Theft*; E. Griew, *The Theft Act, 1968*; W. O. Russell, *Crime* (Ed. J. W. C. Turner); G. L. Williams, *Criminal Law: The General Part; The Mental Element in Crime*; N. R. Morris and C. Howard, *Studies in Criminal Law*; J. Ll. J. Edwards, *Mens Rea in Statutory Offences*; C. Howard, *Strict Responsibility*; A. Goldstein, *The Insanity Defense*; B. Wootton, *Crime and the Criminal Law*; The Butler Committee Report on Mentally Abnormal Offenders (Cmd. 6244), October 1975. Law Commission and Criminal Law Revision Committee Reports, especially on Theft, Conspiracy, Mens Rea and Offences against the Person. Students should consult the latest editions.

#### LL105(a) Twenty-three Classes

##### LL106 Jurisprudence

Mr Schiff, Mr Bishop, Professor Lapenna and Professor Griffith.

Twenty-two lectures and eight seminars, Sessional.

For LL.B. Part II.

**Syllabus** 1. Natural Law. Classical and modern theories: the social contract, law and morals, obedience to law.

2. Utilitarianism.

3. Theories of interests. Sociological theories.

4. Marxist theories of law. State and revolution, development of communist law.

5. Imperative theories of law. Positivism: will, sanction, duty, sovereignty, command.

6. Rule theories of law. The pure theory and the science of law; the basic norm and the rule of recognition; primary and secondary rules; normative language.

7. Predictive theories of law. The judicial process.

8. Psychological theories of law: law as fact.

9. Analytical positivism.

10. Legal terminology. Rights and duties. **Recommended reading** will be given during the course.

#### LL106(a) Twenty-five Classes

#### WHOLE SUBJECT OPTIONS

##### LL110 Law of Property II

Mr Partington, Mr J. S. Anderson and Professor Cornish.

Forty-five lectures, Sessional.

For LL.B. Parts I and II.

**Syllabus** The general principles of the law of trusts: the formation of private, charitable, implied, resulting and constructive trusts. The administration of a trust. Duties and discretions of trustees. Breach of trust and remedies therefor. Variation of trusts. The general nature of equitable principles and remedies.

**Recommended reading** H. G. Hanbury and R. H. Maudsleys, *Modern Equity*; D. B. Parker and A. R. Mellows, *The Modern Law of Trusts*; P. H. Pettit, *Equity and the Law of Trusts*; R. H. Maudsley and E. H. Burn, *Cases and Materials on Trusts and Trustees*; J. A. Nathan and O. R. Marshall, *Cases and Commentary on the Law of Trusts*. Students should consult the latest editions of these books.

##### LL110(a) Twenty-five Classes

##### LL111 Law of Evidence

Mr Joffe. Fifty lectures, Sessional.

For LL.B. Parts I and II.

**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) facts 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 limitations 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, especially cross-examination; self-serving and inconsistent statements; character and credit of witnesses; position of accused under the Criminal Evidence Act, 1898; 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 consideration 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.

**Recommended reading** TEXTBOOKS: G. D. Nokes, *An Introduction to Evidence*; R. Cross, *Evidence*; J. D. Heydon, *Cases and Materials on Evidence*; P. B. Carter, *Cases and Statutes on Evidence*.

**FURTHER READING:** J. Bentham, "The Rationale of Judicial Evidence" (*The Works of Jeremy Bentham*, Ed. J. Bowring); Z. Cowen and P. B. Carter, *Essays on the Law of Evidence*; E. M. Morgan, *Some Problems of Proof under the Anglo-American System of Litigation*;

J. F. Stephen, *A Digest of the Law of Evidence*; J. B. Thayer, *A Preliminary Treatise on Evidence at the Common Law*; J. H. Wigmore, *Science of Judicial Proof*; G. L. Williams, *The Proof of Guilt*.  
FOR REFERENCE: J. F. Archbold, *Pleading Evidence and Practice in Criminal Cases*; S. L. Phipson, *The Law of Evidence*; J. P. Taylor, *A Treatise on the Law of Evidence*; J. H. Wigmore, *A Treatise of the Anglo-American System of Evidence*.  
Students should consult the latest editions of these books.

#### LL111(a) Twenty-five Classes

##### LL112 Public International Law

Professor Brownlie and Dr Valentine. Forty-five lectures, Sessional.

For LL.B. Parts I and II.

##### Syllabus *International Law in Perspective*:

Definition and distinctions; historical, sociological and ethical perspectives; doctrinal controversies.

*Foundations of International Law*: Law-creating processes and law-determining agencies; sources and evidences; principles, rules and standards; international law and municipal law.

*International Personality*: Subjects of International Law; sovereignty and state equality; recognition; international representation; heads of state; foreign offices; diplomatic relations; consular relations; continuity and discontinuity of international personality.

*State Jurisdiction*: Territorial jurisdiction; bases of jurisdiction; limitations of state jurisdiction.

*State Territory*: Component parts; frontiers; air space, etc.; acquisition of territory; proof of title.

*Law of the Sea*: Territorial sea; contiguous zones; exclusive economic zone; continental shelf; high seas; nationality of ships.

*State Responsibility*: General principles of state responsibility; procedures; admissibility of claims; nationality; corporations and shareholders; local remedies rule.

*Treatment of aliens*: Duties owed to aliens; human rights standards; expropriation; concept of permanent sovereignty over natural resources.

*Human Rights*: Modern developments; U. N. Covenants; customary law norms; regional agencies.

*International Transactions*: Treaties and

other international agreements; unilateral acts.

*International Order and Organization*: Pacific settlement of international disputes; legal and illegal uses of force; legal organization of international society; patterns for the development of international law.

**Recommended reading** PRELIMINARY READING: J. L. Brierly, *The Law of Nations* (6th edn. by H. Waldock).

**TEXTBOOKS**: I. Brownlie, *Principles of International Law* (2nd edn.); D. W. Greig, *International Law* (2nd edn.); G. Schwarzenberger, *International Law as Applied by International Courts and Tribunals*; Akehurst, *A Modern Introduction to International Law*.

**CASEBOOKS AND MATERIALS**: H. W. Briggs, *The Law of Nations* (2nd edn.); L. C. Green, *International Law through the Cases* (3rd edn.); I. Brownlie, *Basic Documents in International Law*.

**FURTHER READING**: W. Friedmann, *The Changing Structure of International Law*; H. Lauterpacht, *The Development of International Law by the International Court*; D. P. O'Connell, *International Law*, 2 Vols.; C. Parry, *The Sources and Evidences of International Law*; G. Schwarzenberger, *The Frontiers of International Law*; D. W. Bowett, *The Law of the Sea*; R. V. Jennings, *The Acquisition of Territory*; D. H. N. Johnson, *Rights in Air Space*; F. Vallat, *International Law and the Practitioner*.

Students should consult the latest editions of these books.

**PERIODICALS**: *The American Journal of International Law*; *The British Year Book of International Law*; *The International and Comparative Law Quarterly*; *International Organisation*; *Recueil des Cours, Académie de Droit International de la Haye*; *The Year Book of World Affairs*.

#### LL112(a) Twenty-three Classes

##### LL113 Conflict of Laws

Mr Hartley and Mr Karsten.

Seminars, Sessional.

For LL.B. Part II.

##### Syllabus

*General*: Introduction; domicile; jurisdiction; foreign judgments; theories of choice of law; procedure and proof of foreign law; characterization; renvoi; the incidental question; public policy.

*Contract*: Proper law doctrine; essential

validity, interpretation, effects and discharge of contracts.

*Torts*: Choice of law; proper law; American doctrines; place 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; legitimacy, legitimation and adoption.

*Property*: movables and immovables; assignment of movables; matrimonial property.

*Succession*: Intestate succession; formal and essential validity of wills; construction; administration of estates.

**Recommended reading** G. C. Cheshire, *Private International Law*; J. H. C. Morris, *Conflict of Laws*; J. H. C. Morris, *Cases on Private International Law*. **REFERENCE**: A. V. Dicey and J. H. C. Morris, *Conflict of Laws*.

Students should consult the latest editions of these books.

#### LL114 Mercantile Law: Agency and Sales and Other Dispositions of Goods

Mr Nicol and Professor Diamond.

Forty lectures, Michalemas and

Lent Terms.

For LL.B. Part II.

**Syllabus** *Agency*. The nature of the principal-agent relationship and the rights and duties of the parties *inter se* and *vis-à-vis* third parties. The scope of the agent's authority. The effect of the Factors Act, 1889, and the termination of agency.

*Sales and other dispositions of goods*. The nature and special rules relating to sale of goods and hire purchase contracts. C.i.f., f.o.b., and other special forms of international sales. Bills of sale, pledges, bailments, gifts *inter vivos* and *donationes mortis causa*. The effects of bankruptcy and liquidation.

**Recommended reading** PRELIMINARY: chapters on agency in G. C. Cheshire and C. H. S. Fifoot, *Law of Contract*; chapters on sale of goods, hire purchase, bailments and bankruptcy in T. M. Stevens, *Elements of Mercantile Law* and J. Charlesworth, *Principles of Mercantile Law*; G. Borrie and A. L. Diamond, *The Consumer, Society and the Law*. **TEXTBOOKS**: P. S. Atiyah, *The Sale of*

*Goods*; D. W. Greig, *Sale of Goods*; G. H. L. Fridman, *Sale of Goods*; E. R. H. Ivamy, *Casebook on the Sale of Goods*; *Casebook on Mercantile Law*; C. M. Schmitthoff, *The Sale of Goods*; *Legal Aspects of Export Sales* (Institute of Export publication); J. C. Vaines, *Personal Property*; R. Powell, *The Law of Agency*; G. H. L. Fridman, *Law of Agency*; S. J. Stoljar, *The Law of Agency*. **REFERENCE**: W. Bowstead, *The Law of Agency*; M. D. E. S. Chalmers, *Sale of Goods Act, 1893*; *Final Report of the Committee on Consumer Protection, 1962*, parts I and IV (Cmnd. 1781); *Consumer Protection—Report of the Committee, 1971* (Cmnd. 4596); R. M. Goode, *The Consumer Credit Act, 1974*; G. W. Paton, *Bailment in the Common Law*; C. M. Schmitthoff, *The Export Trade*.

Students should consult the latest editions of these books.

Copies of the Sale of Goods Act, 1893, the Factors Act, 1889, the Bills of Sale Acts, 1878 and 1882, the Supply of Goods (Implied Terms) Act 1973, the Fair Trading Act 1973, and the Consumer Credit Act 1974, will be provided in the examination room.

#### LL114(a) Twenty Classes

##### LL115 Labour Law

Professor Lord Wedderburn,

Professor Grunfeld and Mr Simpson.

Forty lectures, Michaelmas and Lent Terms.

For LL.B. Parts I and II.

**Syllabus** The scope and sources of Labour Law. The institutions of Labour Law. "Servant", "employee", "workman", "worker", "independent contractor", "self-employed person". The contract of employment: formation; effect; obligations of employer and employees, express and implied. Termination of the contract and remedies for breach.

Statutes affecting employment: for example in regard to written particulars of terms; payment of wages; minimum remuneration and holidays; notice to terminate; dismissals, including unfair dismissals; hours of work; special groups of workers; redundancy payments; sex and race discrimination. Outline of the law relating to social security: sickness, unemployment and industrial injuries and dis-

ablement benefit. Collective bargaining and legal regulation. The right to organize in trade unions; closed shops and the law. Collective agreements and their legal framework: their relationship with the contract of employment.

Disclosure of information to workers' representatives. Fair wages clauses. Other legislation affecting collective agreements. Trade unions: legal structure; government and administration (including expulsion); inter-union relations; political activities.

The master's responsibility for the safety of his servant. Negligence and breach of statutory duty. Health, safety and welfare and other conditions of work. The authorities responsible for enforcement. Compensation for injured employees.

The legal aspects of industrial disputes; strikes, lock-outs and other industrial action. Criminal and civil liability for acts done in connection with industrial conflict. The effect of statute. The impact on trade disputes of social security law. Emergencies and the law. Conciliation, arbitration, committees and courts of inquiry. Voluntary and statutory machinery. The place of the Department of Employment.

**Recommended reading** The Trade Union and Labour Relations Act 1974; Trade Union and Labour Relations (Amendment) Act 1976; Employment Protection Act 1975; Industry Act 1975; Sex Discrimination Act 1975; Contracts of Employment Act 1972; Redundancy Payments Act 1965; The Code of Industrial Relations Practice; R. W. Rideout, *Principles of Labour Law*; O. Kahn-Freund, *Labour and the Law*; K. W. Wedderburn, *The Worker and the Law*; B. A. Hepple and P. O'Higgins, *Employment Law* (reprinted as Part 1, *Encyclopaedia of Labour Relations Law*); Report of Royal Commission on Trade Unions and Employers' Associations; C. Grunfeld, *Law of Redundancy*; H. A. Clegg, *The System of Industrial Relations in Great Britain*; A. Flanders, *Trade Unions*; W. J. McCarthy and N. D. Ellis, *Management by Agreement*; J. Mesher, *Compensation for Unemployment*; S. Anderman, *Unfair Dismissals and the Law*; J. Jackson, *Labour Relations: The New Law*; Clerk and Lindsell on *Torts* (14th edn.), chap. 11; R. Greenhalgh, *Practice of Industrial Tribunals*; A. Redgrave, *Factories Acts*; A. Redgrave, *Offices and Shops*; Mansfield Cooper and J. Wood, *Outlines of Industrial Law*; N. Citrine,

*Trade Union Law*; C. Grunfeld, *Modern Trade Union Law*; E. Jenkins (Ed.), *Digest of Decisions of the Commissioner under the National Insurance Acts*; K. W. Wedderburn and P. L. Davies, *Employment Grievances and Disputes Procedures in Britain*; G. W. Guillebaud, *The Wages Councils System in Great Britain*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; O. Kahn-Freund, "Labour Law" in M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; B. Weekes, M. Mellish, L. Dickens and J. Lloyd, *Industrial Relations and the Limits of Law*; B. Aaron and K. W. Wedderburn (Eds.), *Industrial Conflict: A Comparative Legal Survey*. Students should consult the latest editions of these books.

#### LL115(a) Twenty-five Classes

##### LL116 Domestic Relations

Dr S. A. Roberts and Mr Bradley. Thirty-five lectures, Michaelmas and Lent Terms.

For LL.B. Parts I and II.

**Syllabus (a) MARRIAGE.** Requirements of a valid marriage. Forms of marriage. Grounds for nullity. Void and voidable marriages. Capacity and consent of parties and third persons; consanguinity and affinity. Polygamous marriages. Breakdown of marriage, divorce, judicial separation, presumption of death. Proceedings in magistrates courts. Ownership and enjoyment of property. Separation and maintenance agreements. Financial provision and property rights on breakdown of marriage and death. Matrimonial taxation. Jurisdiction in matrimonial proceedings.

**(b) PARENT AND CHILD.** The relation of parent and child, including legitimacy, legitimation and adoption. Custody and guardianship; the rights and obligations of parents at common law, in equity and by statute. Rights and obligations in respect of illegitimate children. The intervention of courts and of local authorities under the Children and Young Persons Acts and the Children Acts.

**Recommended reading** The latest editions of all books should be used.

**PRELIMINARY READING:** R. Fox, *Kinship and Marriage*; R. Fletcher, *The Family and Marriage in Britain*; F. Pollock and F. W. Maitland, *History of English Law before the Time of Edward I*, Vol. II,

chaps. 6 and 7; A. V. Dicey, *Lectures on the Relation between Law and Public Opinion in England During the Nineteenth Century*, chap. 11.

**TEXTBOOKS:** J. Eekelaar, *Family Security and Family Breakdown*; P. M. Bromley, *Family Law*; Sweet and Maxwell's *Family Law Statutes*; S. M. Cretney, *Principles of Family Law*.

Students should also read articles and notes on recent statutes and court decisions in *The Modern Law Review* and *The Law Quarterly Review*.

**FURTHER REFERENCE** W. Rayden, *Practice and Law in the Divorce Division of the High Court and on Appeal Therefrom*; H. K. Bevan, *The Law Relating to Children*; C. Foote, R. J. Levy and F. E. A. Sander, *Cases and Materials on Family Law*; W. Latey, *Divorce*; Law Commission reports.

#### LL116(a) Twenty Classes

##### LL117 The Law of Business Associations

Mr Joffe. Thirty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

**Syllabus** Historical development of the trading association: social and legal reasons for the rise of the modern registered company with limited liability. Partnerships: the dominant features of partnership law.

Statutory demands for incorporation, and other modern unincorporated commercial groups: the unit trust. The modern registered company:

(a) Constitution; administration; corporate personality; types of company and their function; capacity and *ultra vires*. (b) Flotation; shares and debentures (in outline); protection of investors, creditors and depositors. (c) Shareholders as members; protection of the minority. (d) Directors and management: as agents and "alter ego"; fiduciary and statutory duties; the auditor. (e) Maintenance of capital; reconstructions, mergers and problems of take-overs. Other topics of company law will be touched on only lightly, e.g. details on transfer of securities and priorities; accounts; winding-up. Other business associations (in outline), e.g. industrial and provident societies; friendly societies; public corporations. Functions of different kinds of commercial

associations and comparison of their problems, e.g. control of management; relations with employees; impact of the "public interest", state shareholding etc. Note Company Law will not normally account for more than two-thirds of this course. Copies of the Companies Acts, 1948, 1967 and 1976 and the Partnership Act, 1890 will be provided in the examination room.

**Recommended reading** INTRODUCTORY: J. F. Northey and L. H. Leigh, *Introduction to Company Law*;

**TEXTBOOKS:** L. C. B. Gower, *Modern Company Law*; C. D. Drake, *Law of Partnership*.

**CASEBOOKS:** L. S. Sealey, *Cases and Materials on Company Law*; H. R. Hahlo and M. R. Trebilcock, *A Casebook on Company Law*.

**FOR CONSULTATION:** R. Pennington, *Company Law*; Palmer, *Company Law*; M. A. Weinberg, *Take-Overs and Amalgamations*; H. A. J. Ford,

*Unincorporated Non-Profit Associations*; N. B. Lindley, *Law of Partnership*;

or P. F. P. Higgins, *Law of Partnership*; C. E. I. Thornton and J. P. McBrien, *Building Society Law: Cases and Materials*; M. Day and P. Harris, *Unit Trusts*; Halsbury, *Laws of England* (on associations not otherwise covered).

Further reading will be recommended during the course.

Students should consult the latest editions of these books.

#### LL117(a) Twenty Classes

##### LL118 Administrative Law with special reference to Local Government

Professor Griffith. Twenty lectures, Michaelmas Term.

For LL.B. Parts I and II.

**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*.  
**Recommended reading** BASIC TEXTBOOKS: W. O. Hart, *Introduction to the Law of Local Government and Administration* (9th edn.); J. A. G. Griffith and H. Street, *Principles of Administrative Law* (5th edn.) and *A Casebook of Administrative Law*.  
ADDITIONAL READING: S. A. de Smith, *Judicial Review of Administrative Action* (3rd edn.); C. A. Cross, *Principles of Local Government Law* (5th edn.); J. A. G. Griffith, *Central Departments and Local Authorities*; W. A. Robson, *Local Government in Crisis*; H. W. R. Wade, *Administrative Law* (4th edn.); J. F. Garner, *Administrative Law* (4th edn.).  
GOVERNMENT PUBLICATIONS: Report of Royal Commission on Local Government in Greater London (1960); Report of Committee on the Management of Local Government (1967); Report of Committee on the Staffing of Local Government (1967); Report of Royal Commission on Local Government in England (1969); Report of Committee on Administrative Tribunals and Enquiries (Cmnd. 218, 1957).  
Note This course is primarily conducted through individual meetings and the supervision of the writing of a 12,000 word essay.

#### LL118(a) Twenty Classes

##### LL119 International Protection of Human Rights

Mr Thornberry. Thirty-five meetings, Michaelmas and Lent Terms.

For LL.B. Parts I and II; B.Sc.(Econ.) Part II.

**Syllabus 1. *International Society and Its Law.*** *Jus naturale* and the growth of the modern law of nations; the rise of positivism and the idealisation of the State; twentieth-century criticisms of consensualism and its qualified rejection; the theories of sovereignty; sovereignty's functions and repercussions in the society of States; the unorganized formal structure of that society; the traditional sources of international law; the law of treaties; "custom" and "general principles": their varying interpretations; the S.W. Africa Case (1966) and its illumination of the

problems of traditional international law; the relationship between international and municipal law; the history of the concept of international legal personality.  
2. *The Individual in International Law.* Contrast between early and nineteenth-century international law; nationality and protection; the Nottebohm and Barcelona Traction Cases; "minimum standards of civilisation" for aliens; deficiencies of the law of diplomatic protection and its application; the principles of the law of State responsibility and local remedies.  
3. *Historical Bases of the Modern Law.* Protection of minorities: slavery; "humanitarian intervention" of the nineteenth century; basis of League of Nations concern; the machinery of the League; the Upper Silesian experiment; were the League's efforts a failure? The protection of minorities and the prevention of discrimination; minorities and humanitarian intervention under the U.N. Charter; significance of and reasons for the change in emphasis.  
Human Rights Standards and the I.L.O.: History, organization, functions of the International Labour Organization; I.L.O. conventions and recommendations; implementation techniques; complaints procedures.  
Humanitarian regulation of conduct of hostilities: customary and treaty law in outline; war crimes; significance of post-1945 trials; Geneva Conventions of 1949; genocide; proposals for an international criminal court.  
4. *Promotion and Protection by the United Nations.* Charter provisions; organs of the U.N. concerned with the promotion and protection of human rights; the Universal Declaration of Human Rights; domestic jurisdiction and the concept of intervention; standard-setting by U.N. agencies and the juridical character of their activities; U.N. conventions, covenants, declarations, resolutions, recommendations; the variety of enforcement techniques; mandates, trust and non-self-governing territories; the concept of self-determination; the Committee of 24; the U.N. and southern Africa; the right of petition; the "double standard". Refugees and statelessness; development of international standards; the High Commissioner for Refugees.  
5. *International Non-Governmental Organizations.* Variety, functions, activities, relevance; the International Committee

of the Red Cross; human rights and mass communications.

6. *Regional Human Rights Provisions.* Reasons for development outside Western Europe; the context of international organizations and human rights standards in Western Europe; the European Convention on Human Rights and Fundamental Freedoms; functions of the various organs of the Council of Europe relating to the Convention; machinery and procedure under the Convention; the admissibility of applications; the roles of the Commission and the Court; case-law under particular articles of the Convention and Protocols.

7. *Ideological and Philosophical Foundations.* Leading theoretical attitudes to international protection; civil and political or economic and social emphases; politics and dynamics of human rights.

**Recommended reading** I. Brownlie, *Basic Documents on Human Rights*; J. E. S. Fawcett, *The Law of Nations*; *The Application of the European Convention on Human Rights*; F. Jacobs, *The European Convention on Human Rights*.  
SPECIALIST WORKS: J. Carey, *U.N. Protection of Civil and Political Rights*; A. Eide and A. Schou (Eds.), *The International Protection of Human Rights* (Nobel Symposium); M. Ganji, *The International Protection of Human Rights*; H. Lauterpacht, *International Law and Human Rights*; H. Lauterpacht, *International Concern with Human Rights*; E. Luard (Ed.), *International Protection of Human Rights*; M. Moskowitz, *The Politics and Dynamics of Human Rights*; P. P. Remec, *Position of the Individual in International Law According to Grotius and Vattel*; E. Schwelb, *Human Rights and the International Community*.

PERIODICALS: *Human Rights Journal*; *Human Rights Review*; *International Commission of Jurists' Review*; *American Journal of International Law*.  
DECISIONS: *The European Yearbook of Human Rights*; *Collections of Decisions of the European Commission of Human Rights*; *Decisions of the European Court of Human Rights*.  
Study notes with detailed reading list will be given at the beginning of the course together with substantial stencilled materials.

#### LL119(a) Twenty Classes

389 Law

#### LL120 Basic Principles of Soviet and Yugoslav Legal Systems

Professor Lapenna. Twenty-five lectures, Sessional.  
For LL.B. Parts I and II; B.Sc. (Econ.) Part II.

**Syllabus I. *Introduction.*** Marxist concept of state and law as ideological foundation of the state organization and the legal system. Impact of Roman Law and influences of pre-revolutionary "bourgeois" law as reflected in some legal notions. The role of legal traditions and local customs. System: legal branches and institutions; codes, statutes and other sources; legislative machinery; the question of hierarchy of legal acts and the concepts of "socialist legality."

II. *Main Features of the Constitutional Structure.* State ("social") property as basis of the economic organization; unity of power; legal status of the Communist Party; Soviets, councils and the Yugoslav commune; national and state sovereignty; federalism; human rights in theory and practice; constitutional courts in Yugoslavia.

III. *Legal Aspects of Economic Relations.* Forms of ownership (state, "social", co-operative, *kolkhoz*, by social organizations, personal, private); legal personality; the role of juristic persons; contracts and torts; planning: state economic plan as opposed to the Yugoslav "social" plan.

IV. *Fundamentals of Criminal Legislation.* Crime as a social phenomenon; the system of the codes; material and formal definition of crime; criminal liability; juvenile delinquency; types of crime, especially crimes against the state, official crimes and economic crimes; rights of the accused in criminal proceedings; system of punishments; correction of offenders; educational measures, social pressure; administrative penalties.

V. *Settling Disputes.* Courts, state and departmental *arbitrazh*, economic courts (in Yugoslavia), arbitration courts, comrades' courts, proceedings in labour disputes; the legal profession: judges, procurators, public prosecutors (in Yugoslavia), advocates, notaries, juriconsults, state attorneys (Yugoslavia).  
**Recommended reading** H. J. Berman, *Justice in the U.S.S.R.*; V. M. Chkhikvadze (Ed.), *The Soviet State and Law*; A. G. Chloros, *Yugoslav Civil Law*; J. N. Hazard, *Communists and Their Law*; E. L. Johnson, *An Introduction to the*

*Soviet Legal System*; I. Lapenna, *State and Law*; *Soviet and Yugoslav Theory*; *Soviet Penal Policy*; P. S. Romashkin, *Fundamentals of Soviet Law*. Further reading will be given during the course.

#### LL120(a) Twenty-five Classes

##### LL121 Legislation

Mr Jacob, Professor Griffith and others will hold a weekly 2-hour Seminar in the Michaelmas Term. For LL.B. Parts I and II; B.Sc. (Econ.) Part II and any other students who are interested.

**Syllabus 1.** The Sources of Legislation. 2. The Procedures of Parliament and the Scrutiny of Legislation. 3. The Role of Private Members. 4. Legislation and Ethics. 5. The Reform of Parliament. 6. Drafting Legislation. 7. Interpreting Legislation and Access to Legislation. **Recommended reading** R. H. S. Crossman, *The Crossman Diaries*; A. Barker and M. Rush, *The Member of Parliament and his Information*; K. Bradshaw and D. Pring, *Parliament and Congress*; B. Crick, *The Reform of Parliament*; Granada Television, *The State of the Nation*; J. A. G. Griffith, *Parliamentary Scrutiny of Government Bills*; A. Hanson and B. Crick (Eds.), *The Commons in Transition*; D. Leonard and V. Herman (Eds.), *The Backbencher and Parliament*; P. Richards, *The Backbenchers*; M. Rush and M. Shaw, *The House of Commons: Services and Facilities*; S. Walkland, *The Legislative Process in Great Britain*. **FOR REFERENCE:** Craies, *Statute Law*; Maxwell, *Interpretation of Statutes*; Erskine May, *Parliamentary Practice*; Thornton, *Legislative Drafting*.

##### LL122 Law and Dispute Settlement in Pre-literate Societies

Dr S. A. Roberts. Twenty-five meetings, Sessional. For LL.B. Parts I and II; B.Sc. c.u. main field Soc. Anth. 2nd yr. **Syllabus (1)** *Social Control in Pre-literate Societies*. An introduction to the development of research into primitive law; problems of identifying institutions of social control in small-scale societies; law in relation to political systems and kinship organisation; sources of law.

(2) *Agencies and Procedures for the Settlement of Disputes*. The different types of agencies for the settlement of disputes found in pre-literate societies; traditional modes of procedure. (3) *Special Topics:* (a) Marriage—the nature of marriage in pre-literate societies; formation of marriage; prestations associated with marriage; termination of marriage. (b) Inheritance—nature of inheritance; rules about devolution; administration of estates. (c) Land tenure—the kinds of interest in land recognised in pre-literate societies; methods of transfer of such interests. (4) *Change of Laws in Pre-literate Societies*.

An examination of the ways in which changes take place in the law of a pre-literate society, otherwise than through direct intervention by a colonial power or the government of an independent state. **Recommended reading** Gluckman, *Politics, Law and Ritual in Tribal Society*, Chicago, 1965; Gulliver, *Social Control in an African Society*, London, 1963; Hoebel, *The Law of Primitive Man*, Cambridge, Mass., 1954; Pospisil, *Anthropology of Law*, New York, 1971; Bohannan, *Justice and Judgment among the Tiv*, London, 1957; Evans-Pritchard, *The Nuer*, Oxford, 1940; Fallers, *Law without Precedent*, Chicago, 1969; Gluckman, *The Judicial Process among the Barotse*, Manchester, 1955; Fox, *Kinship and Marriage*, London, 1967; Llewellyn and Hoebel, *The Cheyenne Way*, Norman, 1941; Malinowski, *Crime and Custom in Savage Society*, London, 1926; Nader (Ed.), *Law in Culture and Society*, Chicago, 1969; Schapera, *Tribal Legislation among the Tswana of the Bechuanaland Protectorate*, London, 1943; Turner, *Schism and Continuity in an African Society*, Manchester, 1957; Koch, *War and Peace in Jalemo*, Cambridge, Mass., 1974. A detailed reading list will be provided at the beginning of the course.

#### LL122(a) Classes

##### LL123 Introduction to European Law

Mr Hartley and Dr Nelson. Seminars, Sessional. For LL.B. Parts I and II. **Syllabus** The Council of Europe. The organs of the Council; their aims, structure and functions; the Specialised Conferences.

The European Communities. Introduction; The institutions of the Community; their structure and functions; basic policies and objectives of the Community (e.g. free movement of goods; and of persons, services and capital); political and economic background to the Community. Constitutional and Administrative Law of Community law. Nature and sources of the law of the Community; jurisdiction of 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 national law of Member States; preliminary rulings by the European Court; Community law and the British constitution.

Social and economic rights of individuals in Member States under Community law. The International Legal aspects of the Community, relations with third States, Association Agreements.

**Recommended reading** D. Lasok and J. W. Bridge, *Introduction to the Law and Institutions of the European Communities*; P. S. R. F. Mathijsen, *A Guide to European Community Law*; A. Parry and S. Hardy, *EEC Law*; A. H. Robertson, *European Institutions*.

**CASES AND MATERIALS:** L. J. Brinkhorst and H. G. Schermers, *Judicial Remedies in the European Communities: A Case Book*; Neil Elles, *Community Law through the Cases*; Sweet & Maxwell's, *European Community Treaties*.

**FURTHER READING AND REFERENCE:** M. Bathurst et al, *Legal Problems of an Enlarged European Community*; G. Bebr, *Judicial Control of the European Communities*; A. Campbell, *Common Market Law*; R. H. Lauwaars, *Lawfulness and Legal Force of Community Decisions*; D. G. Valentine, *The Court of Justice of the European Communities*; H. Edward Wall, *The Court of Justice of the European Communities: Jurisdiction and Procedure*; D. Swan, *The Economics of the Common Market*; K. Lipstein, *Law of the European Community*; P. J. G. Kapteyn and P. VerLoren van Themaat, *Introduction to the Law of the European Communities*; L. Collins, *European Community Law in the U.K.*; Jacobs and Durand, *References to the European Court*.

#### LL124 Legal and Social Change since 1750

391 Law

Professor Cornish and Mr J. S. Anderson. Seminars, Sessional. For LL.B. Parts I and II.

**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.

**Recommended reading** GENERAL A. V. Dicey, *Law and Public Opinion in England*; M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; W. E. S. Holdsworth, *History of English Law*, esp. Vols. 13–16; H. Parris, *Constitutional Bureaucracy*; B. Abel-Smith and R. B. Stevens, *Lawyers and the Courts*; A. J. Taylor, *Laissez-Faire and State Intervention in Nineteenth-Century Britain*.

**SPECIFIC SUBJECTS** reading will be recommended during the course.

#### LL125 Housing Law

Mr Partington. Twenty Seminars, Michaelmas and Lent Terms.

For LL.B. Parts I and II.

**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. *Basic Principles of Law of Landlord and Tenant*: Creation of the lease; legal formalities; problems of "residential status"; the distinctions between trespassers (squatters), licensees, tenants (private), tenants (council), residents in tied accommodation.

3. *Rent Act and Other Provisions Affecting Landlords and Tenants*:

(i) Financial protections: rent regulation; premiums; estate agents' fees; rent and rate rebates; service charges; miscellaneous  
(ii) Security of tenure: Unlawful eviction; harassment; grounds for possession, squatters' "rights".

4. *Housing Standard: The Control of Housing Conditions*: Standards of house construction; the private law of repair, as between landlord and tenant; the public law of repair as between local authority and landlord and tenant—Housing Act powers; Public Health Act powers; the interaction between the two. Area improvement. Over-crowding. Nuisance.  
5. *Council Tenancies*: the duties of local authorities; the rights of tenants; the obligation to re-house; administration of housing estate; eviction procedures.

6. *Leasehold Reform*: A special look at this complex area of law.

**Recommended reading** M. Partington, *Landlord and Tenant*; Tiplady, *Housing Welfare Law*; Hudson on *Building Contracts* and the Sweet and Maxwell Public Health Encyclopaedias; specialist journals, e.g. *LAG Bulletin*, *ROOF*; statutory material: Rent Acts, Housing Acts and Public Health Acts.

## HALF SUBJECT OPTIONS

### LL140 Public Law II

Dr Leigh, Mr Anderson and Mrs Harlow. Twenty Seminars.

Michaelmas and Lent Terms.

For LL.B. Parts I and II.

#### Syllabus

1. The administrative process and its characteristics; administrative tribunals; local inquiries.

2. The courts; appeal and review; *ultra vires* and jurisdiction including natural justice.

3. Government and local authority contracts and the tortious liability of government.

**Recommended reading** L. J. A. Farmer, *Tribunals and Government*; J. A. G. Griffith and H. Street, *Principles of Administrative Law*; H. W. R. Wade, *Administrative Law*; C. Turpin, *Government Contracts*; H. Street, *Justice in the Welfare State*; K. C. Wheare, *Maladministration and its Remedies*; S. A. de Smith, *Judicial Review of Administrative Action*; Ruth Lister, *Justice for the Claimant*; R. Coleman, *Supplementary benefits and the Administrative Review of Administrative Action*; J. Fulbrook, *The Appellant's View of Supplementary Benefit Appeal Tribunals*; A. E. Telling, *Planning Law*. Further reading will be recommended during the course.

### LL141 Sentencing and Treatment of Offenders

Mr Hall Williams. Ten lectures, Lent Term.

For LL.B. Parts I and II.

**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.

**Recommended reading** will be given at the beginning of the course.

### LL141(a) Ten Classes

### LL142 The Law Relating to Civil Liberties in England and Wales

Dr Leigh and Mr Hartley. Ten meetings, Lent Term.

For LL.B. Parts I and II.

**Syllabus** (1) Freedom of expression; public meetings, public order; state security; obscenity.

(2) Pre-trial criminal procedure; arrest; search and seizure; bail.

**Recommended reading** G. Marshall, *Constitutionalism*; L. Childress, *Civil Disobedience and Political Obligation*; J. Rawles, *A Theory of Justice*; H. Street, *Freedom, the Individual and the Law*; L. H. Leigh, *Police Powers in England and Wales*; I. Brownlie, *Law Relating to Public Order*; D. G. T. Williams, *Keeping the Peace*; Emersen, Haber and Dorsen, *Cases and Materials in Civil Liberties*, Vol. I; S. A. de Smith, *Constitutional and Administrative Law*.

Further reading will be given during the course.

### LL143 Legal Services to the Community

Professor Zander. Ten meetings, Michaelmas and Lent Terms.

For LL.B. Parts I and II.

**Syllabus** 1. What is a 'legal problem' and 'a need for legal advice'—problems of definition and quantification of the unmet need for legal services.

2. The present scope of the role of the legal profession and future trends.

3. The role of paraprofessionals and lay agencies in providing 'legal services'.

4. Restrictions on services provided by lawyers—monopolies, demarcation lines, restrictions on competition, solicitation of business and advertising, special rules for work done for the poor.

5. The costs of legal services.

6. Legal aid—historical development—a world-wide phenomenon.

7. Characteristics of the English system contrasted with those of the U.S.

8. Special problem areas: small claims; tribunals; lay advocates; 'McKenzie men'; test case litigation and class actions.

9. Who should run the legal aid scheme and legal services generally?

10. Is there a case for a National Legal Service?

**Recommended reading** Michael Zander, *Lawyers and Public Interest*, 1968; Brian Abel-Smith and Robert Stevens, *In Search of Justice*, 1968; Brian Abel-Smith, Michael Zander, Rosalind Brooke, *Legal Problems and the Citizen*, 1973. Materials developed for the course and articles in various journals. Reports of the Prices and Incomes Board, the Monopolies Commission and evidence submitted to both bodies.

### LL144 Social Security

Mr Partington and Dr Fulbrook. Ten meetings, Lent Term.

For LL.B. Parts I and II.

#### Syllabus (1) Policy questions:

Competing philosophies—needs, selectivity, insurance rights, income maintenance, minimum wage, redistribution of wealth. Earnings relation. The role of administrative discretion.

(2) *History of Social Security*

(3) *Financing social security*: Contributory and non-contributory

benefits—taxation—adequacy of contributions to meet needs. Administrative costs.

(4) *The benefits*:

National insurance—unemployment, sickness, industrial injuries, retirement pensions; supplementary benefit; family income supplement. Eligibility—nature and amount of benefit.

(5) *The adjudication of benefits*: Appeals procedures.

(6) *Disqualification of benefit*:

A specific look at unemployment benefit.

(7) *The Future Development of Social Security*.

**Suggested reading** P. S. Atiyah, *Accidents, Compensation and the Law*; M. Bruce, *The Coming of the Welfare State*; H. Calvert, *Social Security Law*; V. N. George, *Social Security and Society*; T. Lynes, *The Penguin Guide to Supplementary Benefits*; H. Street, *Justice and the Welfare State*; R. Titmuss, *Commitment to Welfare, Essays on the Welfare State*; J. Walley, *Social Security: Another British Failure?*; Social Insurance and Allied Services: Report by Sir William Beveridge (Cmnd. 6404); Report of the Committee on Abuse of Social Security Benefits (Cmnd. 5228); Report of the Committee on One-Parent Families (Cmnd. 5629); Selected cases and legislation.

### LL145 Law of Landlord and Tenant

Mr Partington. Ten meetings, Michaelmas Term.

This course may not be given from 1978–79.

For LL.B. Parts I and II.

**Syllabus** (1) Setting the context; the development of the lease; current problems.

(2) Rent Act Protection; categories of property subject to control. (3) Vocabulary of the Lease; legal issues relating to creation of the lease. (4) Financial Protections; rent restrictions; control of illegal premia; estate agent's commission; service charges; rent rebates. (5) Repairs; the duties of landlords and tenants; the role of local authorities. (6) Security of tenure; unlawful eviction; harassment. (7) Council Housing and Housing Associations.

**Recommended reading** Martin Partington, *Cases and Materials on Landlord and Tenant*; Rent Acts 1968–1974; Milner Holland Report, 1965 (Cmnd. 2605); Francis Committee on Working of Rent Acts, 1971 (Cmnd. 4609); Cullingworth Committee, Council Housing, Purposes, Procedures and



Priorities.

Further reading will be given during the course.

### LL146 Race, Nationality and the Law

Mr Hartley. Seminars, Lent Term.  
For LL.B. Parts I and II.

**Syllabus** 1. An analysis of the following concepts: race, nationality, racial hatred, nationalism, prejudice and discrimination.

2. Colonialism; settler states; the institutionalisation of racism.

3. Nationalism and the right of self-determination; cultural and linguistic rights of minorities.

4. Racist propaganda: how far is it permissible in a democratic society to prohibit free speech in order to prevent the spread of racial hatred? Section 6 of the Race Relations Act 1965 and other relevant legal provisions.

5 & 6. Anti-discrimination law; the Race Relations Act 1968; provisions of EEC law prohibiting discrimination.

7. The movement for colonial independence; citizenship and immigration in the Commonwealth; history of UK citizenship law; concepts of: British subject, UK citizen and patrial.

8-10. UK immigration law (including EEC provisions). Is UK immigration law racist?

**Recommended reading** John Evans, *Immigration Law*; Lester and Bindman, *Race Relations and the Law*; 'British Nationality, Alienage, Immigration and Race Relations' in Halsbury's *Laws of England*, (4th edn.), Vol 4, pp. 400 *et seq*; Clive Parry, *Nationality and Citizenship Laws of the Commonwealth and Ireland*, Vols. 1 and 2; Mervyn Jones, *British Nationality Law* (2nd edn.).

Further reading will be given at the beginning of the course.

### LL147 Sociological Theory and the Idea of Law

Mr Schiff. Ten seminars, Michaelmas Term.

For LL.B. Parts I and II.

**Syllabus** 1. Introduction to sociological theory.

2. Mechanical sociology and the idea of law.

(a) Social progress and law.

(b) Social evolution and law.

3. Social behaviour and 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. Law as a sub-system.

10. The structure of social reality and the idea of law.

**Suggested reading** Extracts from the following sources: A. Comte, *Cours De Philosophie Positive*, Vol. 6; *Système De Politique Positive*, Vol. 1; H. Spencer, *Principles of Ethics*, Vol. 2, Part 4, Justice; N. S. Timasheff, *An Introduction to the Sociology of Law*; E. A. Ross, *Social Control, A Survey of the Foundations of Order*; W. G. Sumner, *Folkways*; E. Durkheim, *On the Division of Labour in Society*; M. Rheinsten (Ed.), *Max Weber on Law in Economy and Society*; V. Pareto, *The Mind and Society*, Vol. I; P. A. Sorokin, *Contemporary Sociological Theories*; T. W. Arnold, *The Symbols of Government*; T. Parsons and N. J. Smelser, *Economy and Society*; T. Parsons, *The Social System*; G. D. Gurvitch, *Sociology of Law*.

**Additional General Sources:** R. Aron, *Main Currents in Sociological Thought*, Vols. I and II; H. E. Barnes, *An Introduction to the History of Sociology*; N. S. Timasheff, *Sociological Theory, its Nature and Growth*; P. Winch, *The Idea of a Social Science*; P. L. Berger and T. Luckmann, *The Social Construction of Reality*.

### COURSES INTENDED PRIMARILY FOR B.Sc. (Econ.) STUDENTS

#### LL160 English Legal Institutions

Professor Zander. Twenty-two lectures, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog., Soc.

**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.

Arbitration. 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.

**PRESCRIBED BOOK:** M. Zander, *Cases and Materials on the English Legal System*.

**FURTHER READING:** R. M. Jackson, *The Machinery of Justice in England*; C. K. Allen, *Law in the Making*; P. A. Devlin, *The Criminal Prosecution in England: Trial by Jury*; G. L. Williams, *The Proof of Guilt*; R. E. Megarry, *Lawyer and Litigant in England*; B. Abel-Smith and R. B. Stevens, *In Search of Justice*; M. Zander, *Lawyers and the Public Interest*.

Students should consult the latest editions of these books.

#### LL160(a) Classes

#### LL161 Elements of Commercial Law

Professor Grunfield and Miss

Trosser. Thirty lectures,

Michalemas and Lent Terms.

For B.Sc. (Econ.) Part II.

#### Syllabus

A: CONTRACT

1. Formation of a valid contract; offer and acceptance, consideration, capacity, misrepresentation, mistake, illegality (restraint of trade).

2. Content: implied term, control of exemption clauses.

3. Privity: exceptions to the doctrine.

4. Discharge: performance, variation, breach, frustration.

5. Remedies for breach of contract: repudiation, damages, specific performance, injunction.

**Recommended reading** Relevant chapters in J. Charlesworth, *The Principles of Mercantile Law*; or T. M. Stevens, *Elements of Mercantile Law*; or P. S. Atiyah, *Introduction to the Law of Contract*.

**FOR REFERENCE:** J. C. Smith and J. A. C. Thomas, *A Casebook on Contract*; G. C. Cheshire and C. H. S. Fifoot, *The Law of Contract*.

Students should use the latest editions of the above books.

B: COMPANY LAW

The nature and advantages of corporate personality. Problems of limited liability. Companies registered under the Companies Act, 1948. Formation and flotation. *Ultra vires*. Raising and maintenance of capital and dividends. Organs of the company. Shares and debentures. Charges on the company's property.

Publicity; annual returns, accounts, and audit. Meetings and resolutions. The duties of directors and problems of enforcement.

Protection of the minority and their remedies. Winding-up.

**Recommended reading** J. A. Hornby, *An Introduction to Company Law*; or J. Charlesworth and T. Cain, *Company Law*; or Leigh and Northey, *Company Law*; *Hambros Tax Guide*; Pinson, *Revenue Law*; Nock and Sherring, *Capital Transfer Tax*; Easson, *Cases and Materials on Revenue Law*.

**FOR REFERENCE:** L. C. B. Gower, *The Principles of Modern Company Law*; R. R. Pennington, *The Principles of Company Law*. Students should consult the latest editions of these books.

C: LAW OF TAXATION

Liability to UK tax. Residence, ordinary residence, domicile. Source doctrine.

*Income Tax*

Schedule E (omitting share options and share incentive schemes)

Schedule D Case I and II

Schedule F

Reliefs and allowances for individuals  
Capital allowance

*Corporation Tax*

*Capital Gains Tax* (omitting land and development gains tax)

*Capital Transfer Tax*—lifetime transfers (omitting charge on death and on settlements).

#### LL161(a) Twenty-three Classes

Within each of the sections A, B and C, some topics will be selected for detailed discussion.

#### LL162 Elements of Labour Law

Mr R. M. Lewis and Mr Simpson.  
Twenty lectures, Michaelmas and  
Lent Terms.

For B.Sc. (Econ.) Part II; Dip.  
Personnel Management; Trade Union  
Studies course and other industrial  
relations students.

**Syllabus** 1. *Collective labour relations:*

(a) The historical development of labour law from origins to the Trade Union and Labour Relations Act, 1974 and the Employment Protection Act, 1975.

(b) Trade unions: legal structure; government and administration (including expulsion); inter-union relations; political activities.

(c) Collective bargaining: strikes and other forms of industrial action; role of Govern-

ment (conciliation, arbitration, fact-finding); legal effect and enforcement of collective agreements; extension of representative collective agreements (Fair Wages Resolution, fair wages legislation, Terms and Conditions of Employment Act, 1959); substitute machinery for collective bargaining (minimum wages legislation). Legal regulation of trade union recognition and the closed shop. Disclosure of information.

2. *Individual labour relations:*

- (a) Nature of contract of employment; relationship to collective bargaining. Employment and self-employment.  
(b) Terms of the contract: wages, holidays, hours of work, sick pay, the duty of fidelity, lawful orders.  
(c) Disciplinary powers of management: agreed procedures, fines and deductions, suspensions, dismissal without notice.  
(d) Termination of employment: redundancy; unemployment benefit; unfair and wrongful dismissals.  
(e) Safety and health, including the Health and Safety at Work etc. Act, 1974.  
(f) Prohibition of discrimination on grounds of race and sex; Race Relations Act, 1976, Equal Pay Act, 1970, Sex Discrimination Act, 1975.  
(g) Individual legal rights in respect of union membership.

**Recommended reading** K. W. Wedderburn, *The Worker and the Law; Cases and Materials on Labour Law*; O. L. Aikin and J. M. Reid, *Labour Law*, Vol. I; Employment, Welfare and Safety at Work: P. O'Higgins, *Workers' Rights*; C. Grunfeld, *Modern Trade Union Law*; R. Simpson and J. Wood, *Industrial Relations and the 1971 Act*; Report of Royal Commission on Trade Unions and Employers' Associations; D.E., *Guide to Redundancy Payments Act 1965* (revised edn.); O. Kahn-Freund, "Legal Framework" in A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; O. Kahn-Freund, "Labour Law" in M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; O. Kahn-Freund, *Labour and the Law*; H.M.S.O., *Research Papers of the Royal Commission on Trade Unions and Employers' Associations*.  
FOR REFERENCE: R. Rideout, *Principles of Labour Law*; N. Citrine, *Trade Union Law*; A. Redgrave, *Factories, Truck and Shop Acts*; J. H. Munkman, *Employers' Liability at Common Law*; O. Kahn-Freund (Ed.), *Labour Relations and the Law*; B. Hepple, *Race, Jobs and the Law*

*in Britain*; C. Grunfeld, *Law of Redundancy*; B. Aaron and K. W. Wedderburn (Eds.), *Industrial Conflict: A Comparative Legal Survey*. Students should consult the latest editions of these books.

**LL162(a) Twenty Classes**

Mr Simpson.  
Michaelmas and Lent Terms.  
For B.Sc. (Econ.) Part II.

**LL162(b) Twenty-five Classes**

Mr R. M. Lewis. Michaelmas, Lent and Summer Terms.  
For Trade Union Studies Course.

**LL163 International Law**

Professor Brownlie, Mr Thornberry and Dr Nelson. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog.

**Syllabus** *International Law in Perspective*: definition and distinctions; historical, sociological and ethical perspectives; doctrinal controversies; the expansion of international society; the expanding scope of international law, the sources and evidence of international law; the relation between international law and municipal law.

*International Personality*: subjects of international law; sovereignty and state equality; recognition; international representation; heads of state; foreign offices; diplomatic relations; consular relations; continuity and discontinuity of international personality.

*State Jurisdiction*: territorial jurisdiction; personal jurisdiction; other bases of jurisdiction; limitations of state jurisdiction.

*Objects of International Law*: territory; land frontiers; maritime frontiers; the high seas; the continental shelf; the ocean floor; airspace; outer space; individuals and the protection of human rights; business enterprises; ships; aircraft; spacecraft.

*International Transactions*: treaties and other international agreements; unilateral acts; international responsibility. *The Settlement of International Disputes*: legal and illegal uses of force.

*International Organization*: universal and regional institutions; the British Commonwealth in international law (in outline only); the European

Communities (in outline only).

**Recommended reading** TEXTBOOKS: M. Akehurst, *A Modern Introduction to International Law*; J. L. Brierly, *The Law of Nations* (6th edn.); G. Schwarzenberger, *A Manual of International Law* (5th edn.); D. J. Harris, *Cases and Materials in International Law*.

BOOKS OF MATERIALS: I. Brownlie, *Basic Documents in International Law*; L. C. Green, *International Law through the Cases* (3rd edn.).

FURTHER READING: W. Friedmann, *The Changing Structure of International Law*; D. W. Greig, *International Law*; L. Henkin, *How Nations Behave*; C. W. Jenks, *A New World of Law?*; J. G. Starke, *Introduction to International Law* (7th edn.); J. E. S. Fawcett, *The British Commonwealth in International Law*; M. A. Kaplan and N. D. Katzenbach, *The Political Foundations of International Law*; H. J. Morgenthau, *Politics Among Nations* (2nd edn.); B. V. A. Röling, *International Law in an Expanded World*.

PERIODICALS: *The American Journal of International Law*; *The British Year Book of International Law*; *The International and Comparative Law Quarterly*; *International Organisation*; *International Relations*; *The Year Book of World Affairs*.

**LL163(a) Classes**

Fifteen classes for B.Sc. (Econ.) Part I and B.Sc. c.u.

**LL163(b) Classes**

Ten classes for B.Sc. (Econ.) Part II.

**LL164 Soviet Law**

Professor Lapenna. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; graduate students of Law and others interested.

**Syllabus** Soviet interpretations of the Marxist doctrine of state and law.

Unity of the legal system and the position of public international law.

Fundamental notions of civil law.

Family law. Inheritance. Criminal law. "Socialist" legality. Organs of the judiciary. Criminal procedure. Civil procedure.

**Recommended reading** TEXTBOOKS: H. J. Berman, *Soviet Criminal Law and Procedure*; V. M. Chkhikvadze (Ed.), *The Soviet State and Law*; K. Grzybovski, *Soviet Legal Institutions*; J. N. Hazard,

*Communists and Their Law* (re parts); *Settling Disputes in Soviet Society*; E. L. Johnson, *An Introduction to the Soviet Legal System*; H. Kelsen, *The Communist Theory of Law*; A. Kiralfy, *The Russian Civil Code*; I. Lapenna, *State and Law: Soviet and Yugoslav Theory*; I. Lapenna, *Soviet Penal Policy*; P. S. Romashkin, *Fundamentals of Soviet Law*.  
CASEBOOKS: J. N. Hazard and M. L. Weisberg, *Cases and Readings on Soviet Law*; H. J. Berman and W. E. Butler (Eds.), *Soviet Statutes and Decisions*. Students should consult the latest editions of these books.

Further reading will be given at the beginning of the course.

**SEMINARS FOR THE LL.M. DEGREE, GIVEN WHOLLY OR PARTLY BY TEACHERS OF THE SCHOOL**

**LL200 Comparative Constitutional Law I**

(The Constitutions of the United States, Canada and Australia).

Dr Leigh.

Also for M.Sc.

**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 and 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 the 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 the constitutional protection of fundamental rights and the rights of minorities. The effect of a Bill of rights on federal-state relationships.

Note Candidates will not be required to display knowledge of constitutional developments which have occurred within the six months preceding the date of the examination.

**Recommended reading** TEXTBOOKS AND CASEBOOKS: G. Sawyer, *Modern Federalism*; M. Forkosch, *Constitutional Law*; N. T. Dowling and G. Gunther, *Cases and Materials on Constitutional Law*, or W. B. Lockhart, Y. Kamisar, J. Choper, *The American Constitution: Cases and Materials*; C. Howard, *Australian Federal Constitutional Law*; G. Sawyer, *Cases on the Constitution of the Commonwealth of Australia*; B. Laskin, *Canadian Constitutional Law*; N. Lyon and R. Atkey, *Canadian Constitutional Law in a Modern Perspective*.

FOR REFERENCE: V. S. Mackinnon, *Comparative Federalism*; L. W. Levy, *Judicial Review and the Supreme Court*; P. Freund, *On Law and Justice*; C. E. Hughes, *The Supreme Court of the United States*; R. McCloskey, *The Supreme Court*; H. Hart and H. Wechsler, *The Federal Courts and the Federal System*; J. Ferguson and D. McHenry, *The American Federal Government*; W. R. Lederman, *The Courts and the Canadian Constitution*; J. P. Meekison, *Canadian Federation, Myth or Reality?*; P. H. Lane, *The Australian Federal System*; G. Sawyer, *Australian Federalism in the Courts*; W. A. Wynes, *Legislative, Executive and Judicial Powers in Australia*; Z. Cowen, *Federal Jurisdiction in Australia*; J. A. Maxwell, *Commonwealth-State Financial Relations in Australia*; R. J. May, *Financing the Small States in Australian Federalism*;

I. Bernier, *International Legal Aspects of Federalism*; G. Doeker, *The Treaty Making Power in the Commonwealth of Australia*; A. Smith, *The Commerce Power in Canada and the United States*; G. Pépin, *Les Tribunaux Administratifs et la Constitution*; E. J. Brossard et al., *La Cour Suprême et la Constitution*; A. Lajoie, *Le Pouvoir Déclaratoire du Parlement*.

Students should consult the latest editions of these books.

## LL201 Comparative Constitutional Law II

(Constitutional laws of Commonwealth countries other than the United Kingdom, Canada, Australia, India, Pakistan and Malaysia).

Professor J. S. Read (S.O.A.S.) and Mr Wolf-Phillips.

Also for M.A. Area Studies.

**Syllabus I** The constitutional structure of the Commonwealth and status within it; full members, special membership, associated states. Consultation and co-operation within the Commonwealth. The Commonwealth Secretariat. The classification of dependent territories (within the Commonwealth) and the constitutional structure of government therein; powers of the Crown, the United Kingdom Parliament, Governors and colonial legislatures; constitutional evolution; the attainment of internal self-government. The attainment of independence.

**II** Constitutional developments in independent Commonwealth states; problems of constitutional evolution, including divided societies, and the place of elements of traditional government in modern constitutions. The concept of autochthony. Constitutionalism and constitutional breakdowns, including the role of the courts. Military government.

**III** Comparative constitutional structure of Commonwealth states. The executive. Cabinet government. Presidential systems. The legislature: structure and powers; minority representation; the role of second chambers; electoral systems. Relations between the executive and legislature.

Single party systems.

Procedures for constitutional amendment. Safeguards against the abuse of power;

constitutional guarantees and prohibitions; bills of rights; institutional safeguards, including Ombudsmen. Constitutional provisions for the protection of the judiciary, the public service and the police, and for safeguarding the electoral system, the process of prosecution and the auditing of public accounts.

The courts and the scope and exercise of powers of judicial review of the constitutionality of legislative and executive action.

Emergency powers.

Federal constitutions and experiments in the Commonwealth. Regional associations or communities.

The problems of very small territories.

Associated status.

Note Candidates will not be required to display knowledge of constitutional developments which have occurred within the six months preceding the date of the examination.

**Recommended reading** S. A. de Smith, *The New Commonwealth and its Constitutions*; L. Wolf-Phillips, *Comparative Constitutions*; B. O. Nwabueze, *Constitutionalism in the emergent states*; K. C. Wheare, *Constitutional structure of the Commonwealth*; B. O. Nwabueze, *Presidentialism in Commonwealth Africa*.

**FURTHER READING** S. A. de Smith, *Constitutional and administrative law* (3rd edn. 1977); D. Ingram, *The Commonwealth at Work*; J. Cross, *Whitehall and the Commonwealth*; A. Mazrui, *The Anglo-African Commonwealth*; T. M. Franck, *Comparative Constitutional Process*; H. Spiro (Ed.), *Patterns of African Development: Five Comparisons*; B. Benedict, *Problems of Smaller Territories*; S. A. de Smith, *Microstates and Micronesia*; G. Sawyer, *Modern Federalism*; R. D. Watts, *New Federations: Experiments in the Commonwealth*; C. Leys and P. Robson (Eds.), *Federation in East Africa*; K. C. Wheare, *Federal Government*; R. J. May, *Federalism and Fiscal Adjustment*; U.K. Hicks and others, *Federalism and Economic Growth*; D. P. Currie (Ed.), *Federalism and the New Nations of Africa*; Sir John Mordecai, *The West Indies: the Federal Negotiations*; G. Ezejiolor, *Protection of Human Rights under the Law*; G. Marshall, *Parliamentary Sovereignty and the Commonwealth*; W. I. Jennings, *Constitutional Laws of the Commonwealth*, Vol. 1, Chaps. 1-3; *The Approach to Self-Government*; Sir Alan

Burns (Ed.), *Parliament as an Export*; A. L. Adu, *The Civil Service in Commonwealth Africa*; W. I. Jennings, *Constitution of Ceylon* (3rd edn.); B. O. Nwabueze, *Constitutional Law of the Nigerian Republic*; or O. I. Odumosu, *The Nigerian Constitution*; or T. O. Elias, *Nigeria: the Development of its Laws and Constitution*; J. P. Mackintosh (Ed.), *Nigerian Government and Politics*; L. F. Blitz (Ed.), *The Politics and Administration of Nigerian Government*; F. A. R. Bennion, *Constitutional Law of Ghana*; or L. Rubin and P. Murray, *Constitution and Government of Ghana* (2nd edn.); C. Palley, *Constitutional History and Law of Southern Rhodesia*; H. F. Morris and J. S. Read, *Uganda: The Development of its laws and Constitution*; Y. Ghai and J. P. W. B. McAuslan, *Public Law and Political Change in Kenya*; W. Tordoff, *Government and Politics in Tanzania*; H. Bienen, *Tanzania, Party Transformation and Economic Development* (2nd edn.).

FOR REFERENCE E. Cotran and N. N. Rubin (Eds.), *Annual Survey of African Law 1967-*; H. W. R. Wade (Ed.), *Annual Survey of Commonwealth Law 1965-*; K. O. Roberts-Wray, *Commonwealth and Colonial Law*; B. H. Selassie, *The Executive in African Governments*.

Reference should also be made to articles appearing in the periodicals *Public Law*; *Current Legal Problems*; *The International and Comparative Law Quarterly*; *Political Studies*; *The Journal of Commonwealth Political Studies*; *The Journal of Local Administration Overseas*; *The Journal of African Law*; *Government and Opposition*; *The Journal of Modern African Studies*; *Parliamentary Affairs*; *The Parliamentarian*. Students must also be conversant with the essential provisions of the main constitutional instruments. Some of these are still to be found in the form of Statutory Instruments of the United Kingdom, but many can now be seen in their current forms only in legislation enacted locally in the respective Commonwealth states: Jamaica, S.I. 1962 No. 1550; Trinidad & Tobago, S.I. 1962 No. 1875; Malta, S.I. 1964 No. 1398; Guyana, S.I. 1966 No. 575; Botswana, S.I. 1966 No. 1171; Barbados, S.I. 1966 No. 1455; Mauritius, S.I. 1968 p. 1871; Fiji, S.I. 1970, p. 6630; Bahamas, S.I. 1973 No. 1080; Grenada, S.I. 1973 No. 2155; Seychelles, S.I. 1976 No. 984; Associated States—S.I. 1967 Nos. 225-229.

See also reports of Constitutional Conferences, e.g. *Report of the Fiji Constitutional Conference 1970*, Cmnd. 4389.

## LL202 Company Law

Professor Lord Wedderburn and Mr Joffe.

**Syllabus** Meaning of corporate personality and distinction between incorporated and unincorporated associations. The nature, types and functions of companies. Historical development of the modern business company. The consequences of incorporation and its practical advantages and disadvantages. The corporate entity principle and exceptions to it. The *ultra vires* doctrine and the concept of capital. The company's organs and agents and the liability of the company for their acts. Formation and flotation of companies. The nature and classification of company securities. Shares and debentures. Publicity. Meetings and resolutions. Powers of the general meeting. Minority protection. The duties of directors and of the controlling majority and the enforcement of these duties. Reconstructions and amalgamations. Liquidation (in outline only).

**Recommended reading** L. C. B. Gower, *The Principles of Modern Company Law*; P. L. Davies, *The Regulation of Takeovers and Mergers; Companies Acts 1948, 1967 and 1976; Report of the Company Law Committee (Jenkins Report) (Cmnd. 1749); European Communities Act 1972*; T. Hadden, *Company Law and Capitalism*.

### FURTHER READING AND REFERENCE:

J. Northey and L. Leigh, *Introduction to Company Law*; M. A. Weinberg, *Takeovers and Mergers*; Industry Act 1975; C. A. Cooke, *Corporation, Trust and Company*; R. R. Pennington, *Company Law*; The 'City Code' on Take-Overs and Mergers; H. R. Hahlo, *Casebook on Company Law*; L. Sealy, *Cases and Materials on Company Law*; Buckley on the Companies Acts; Earl of Halsbury, *Laws of England* (Simonds Ed.) Vol. 6; *Report of the Committee on Industrial Democracy* (Bullock Report) (Cmnd. 6706); A. A. Berle and G. C. Means, *The Modern Corporation and Private Property*; H. de Hoghton, *The Company: Law, Structure and Reform in Eleven Countries*; M. Fogarty, *Company Responsibility and Participation*: Minutes of Evidence taken before the Company Law Committee (1961, H.M.S.O.), Vols. 1-20;

K. W. Wedderburn, *Company Law Reform*; H. A. J. Ford, *Unincorporated Non-Profit Associations*; Confederation of British Industry, *The Responsibilities of the British Public Company*; K. W. Wedderburn, *Rule in Foss v. Harbottle and Shareholders' Rights* (1957) C.L.J. 194, and (1958) C.L.J. 93; S. Beck, *The Shareholders' Derivative Action* (1974) 52 Can. B. R. 159; D. Prentice, *Wallersteiner v. Moir*; D. Prentice, *The Demise of Foss v. Harbottle* (1976) 40 Conveyancer 51; L. Loss, *Fiduciary Concept and Corporate "Insiders" in U.S.A.* (1970) 33 M.L.R. 34; S. Beck, *The Quickening of Fiduciary Obligation* (1975) 53 Can. B. R. 771; R. White, *Towards a Policy for Insider Dealing* (1974) 90 L.Q.R. 494; H. A. J. Ford, *Unit Trusts* (1960) 23 M.L.R. 129; K. W. Wedderburn, *Oppression of Minority* (1966) 29 M.L.R. 321; M. A. Pickering, *Shareholders' Voting Rights and Company Control* (1965) 81 L.Q.R. 248; V. Joffe, *Majority Rule Undermined?* (1977) 40 M.L.R. 71; B. H. McPherson, *Winding Up on the "Just and Equitable" Ground* (1964) 27 M.L.R. 282; A. Boyle, *Minority Shareholders in the Nineteenth Century* (1965) 28 M.L.R. 317; K. W. Wedderburn, *Corporate Personality and Social Policy; the Quasi-Corporation* (1965) 28 M.L.R. 62; *The Death of Ultra Vires* (1966) 29 M.L.R. 673; *Shareholders' Control of Directors' Powers* (1967) 30 M.L.R. 77; *Directors' Bona Fides* (1967) 30 M.L.R. 566; *Collateral Purposes* (1968) 31 M.L.R. 694; *Unreformed Company Law* (1969) 32 M.L.R. 563; R. Baxt, *The Modern Company Auditor* (1970) 33 M.L.R. 413; L. Leigh, *The Alter Ego Doctrine* (1965) 28 M.L.R. 584, (1966) 29 M.L.R. 568; R. S. Nock, *The Rule of Indoor Management* (1965) 30 Conv. 123; J. Birds, *Proper Purposes in Directors' Duties* (1974) 37 M.L.R. 580; B. Slutsky, *Canadian Rejection of Improper Purposes Principle* (1974) 37 M.L.R. 457; D. Prentice, *Corporate Opportunity Doctrine* (1974) 37 M.L.R. 464; *Directors' Fiduciary Duties* (1967) 30 M.L.R. 450; *Expulsion of Members* (1970) 33 M.L.R. 700; *Section 9, European Communities Act* (1973) 89 L.Q.R. 518; J. H. Farrar and N. Lowe, *Fraud, Representative Actions and the Gaggling Writ* (1975) 38 M.L.R. 455; J. Birds, *Articles Excluding Directors Duties* (1976) 39 M.L.R. 394; D. Sugarman, *The Minority Shareholder* (1975) 91 L.Q.R. 482; B. Davies, *Alteration of the Objects Clause and the Ultra Vires Rule* (1974) 90 L.Q.R. 79; *An Affair of the City* (1973) 36

M.L.R. 457; M. Trebilcock, *Liability of Directors for Negligence* (1969) 32 M.L.R. 499; G. D. Goldberg, *Article 80 Table A* (1970) 33 M.L.R. 177; *Enforcement of Outsider Rights* (1972) 35 M.L.R. 362; M. Chesterman and A. S. Grabiner, *Company Fraud* (1969) 32 M.L.R. 328; R. Baxt, *Is Ultra Vires Dead?* (1971) 20 I.C.L.Q. 301; *Liability of Accountants and Auditors* (1973) 36 M.L.R. 42; H. Rajak, *Oppression of Minority Shareholders* (1972) 35 M.L.R. 156; D. Prentice, *Just and Equitable Winding Up* (1973) 89 L.Q.R. 107; M. Chesterman, *The Just and Equitable Winding Up of Small Companies* (1973) 36 M.L.R. 129; R. Fraser, *Administrative Powers of Investigation* (1971) 34 M.L.R. 260; C. Schmitthoff, *Multi-National Companies* (1970) Jo. Bus. Law 177; D. Vagts, *Multinational Enterprise* (1970) 83 Harv. L.R. 739; P. L. Davies, *Employee Representation on Company Boards* (1975) 38 M.L.R. 254; E.E.C., *Employee Participation and Company Structure* (Bulletin Supplement 8/75). Students should consult the latest editions of the books.

**Note** The subject demands some previous knowledge of English Law, especially Contract, Agency and Trusts.

## LL202(a) Classes

Sessional.

## LL204 The Law of Personal Taxation

Mr Lazar.

**Syllabus** The general structure and administration of the tax on income and Capital Gains Tax and the rules as to residence and ordinary residence of individuals and trustees for tax purposes. The definition, ascertainment and computation of income for tax purposes (excluding Cases I and II of Schedule D and Cases IV and V in relation to business profits) and the deductions and allowances (excluding capital allowances and loss relief) which may be set against income. The rules for applying the tax on income to individuals, the reliefs accorded to individuals (double tax relief in outline only) and the tax treatment of married women. The rules for applying the tax on income to trusts and estates. The provisions relating to the tax on income in respect of pensions and pension contributions (in outline only). The definition, ascertainment and

computation of chargeable gains and losses for Capital Gains Tax and the rules for applying Capital Gains Tax to individuals, estates and trusts. An outline of the principles of the Capital Transfer Tax including the definition, ascertainment and computation of chargeable transfers. **Recommended reading** will be given during the course.

## LL204(a) Twenty-five Classes

## LL205 The Law of Business Taxation

Mr Joffe.

**Syllabus** The general structure and administration of Income Tax, Capital Gains Tax and Corporation Tax: the rules as to residence of companies and partnerships for tax purposes. The definition, ascertainment and computation of income under Cases I and II of Schedule D and Case V in relation to business profits and the deductions and allowances (including capital allowances and loss relief) which may be set against such income. The definition, ascertainment and computation of other types of income (in outline only).

The definition, ascertainment and computation of capital gains (in outline) and the special provisions of capital gains tax relating to business assets. The rules for applying Income Tax and Capital Gains Tax to partnerships and sole traders and for applying Corporation Tax to companies. The tax treatment of close companies, groups of companies, reconstructions, amalgamations and the problems raised by legislation relating to dividend stripping and transactions in securities. **Recommended reading** will be given during the course.

Candidates will be supplied in the examination room with copies of *Butterworth's Tax Handbook* (edition current on 1 January of the year in which the examination is held).

## LL206 The Law of Restitution

Professor Cornish.

**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.

**Recommended reading** R. L. A. Goff and G. H. Jones, *The Law of Restitution*; S. J. Stoljar, *The Law of Quasi-Contracts*; American Law Institute, *Restatement of Restitution*; R. M. Jackson, *History of Quasi-Contract*; P. H. Winfield, *Province and Function of the Law of Tort*; P. H. Winfield, *Law of Quasi-Contract*; D. W. M. Waters, *The Constructive Trust*. Students should consult the latest editions of these books.

### LL207 Monopoly, Competition and the Law

Professor Yamey and Dr Korah (U.C.).

**Syllabus** The restrictive trade practices legislation; the monopolies and mergers legislation; the competition rules of the E.E.C.; and the Common Law.

**Part 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.

**Part II** The Monopolies and Mergers Commission: single firm monopolies; control of mergers; the problem of non-collusive oligopoly; an analysis of selected reports of the Commission.

**Part III** 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.

**Part IV** Restraint of trade.  
**Recommended reading** J. Lever (Ed.), *Chitty on Contracts*, Vol. I, ch. 16 and paras. 861-913, 949-958; Vol II, ch. 11; R. B. Stevens and B. S. Yamey, *The Judicial Process and Economic Policy; A Study of the Restrictive Practices Court* (out of print); V. Korah, *Competition Law in Britain and the Common Market*; A. Sutherland, *The Monopolies Commission in Action*; Reports of the Registrar of

Restrictive Trading Agreements Cmnd. 1603; 1273; 2296; 3188; 4303; Report of the Office of Fair Trading.

Candidates may bring into the examination copies of any of the following: Restrictive Trade Practices Acts 1956, 1968 and 1976; Fair Trading Act 1973; Resale Prices Act 1976; Restrictive Practices Court Act 1976; Sweet and 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 and Steel Community (situation by 31 December 1971). Further references will be given at the beginning of the course, including references to legal developments in the United States of America and the Common Market.

### LL208 The Principles of Civil Litigation

Master Jacob and Professor Zander.

**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 judgments 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 assessments 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 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 these 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 one or more selected foreign systems.

**Recommended reading** W. B. Odgers, *Pleading and Practice*; P. St. T. Langan and D. G. Lawrence, *Civil Procedure*; R. M. Jackson, *The Machinery of Justice in England*; M. Zander, *Cases and Materials on the English Legal System*; B. Cardozo, *The Nature of the Judicial Process*; P. A. Devlin, *Trial by Jury*; W. R. Cornish, *The Jury*; C. P. Harvey, *The Advocate's Devil*; B. Abel-Smith and R. S. Stevens, *In Search of Justice*; Final Report of Committee on Supreme Court Practice (Cmd. 8878, 1953); Report of the Royal Commission on Assizes and Quarter Sessions (Cmnd. 4153, 1969); Report of the Committee on Personal Injuries Litigation (Cmnd. 369, 1968); Report of the Committee on Enforcement of Judgment Debts (Cmnd. 3909, 1969).  
**FOR REFERENCE:** The Annual Practice; The County Court Practice; Halsbury, *Laws of England*, Vol. 1, *Actions*, Vol. 9, *County Courts and Courts*, Vol. 11, *Crown Proceedings*, Vol. 12, *Discovery and Divorce*, Vol. 16, *Execution*, Vol. 22, *Judgments and Orders*, Vol. 23, *Juries*, Vol. 30, *Pleading and Practice and Procedure*; E. Bullen and S. M. Leake, *Precedents of Pleading*; J. Chitty, *Queen's Bench Forms*; *Encyclopaedia of Court Forms*; W. S. Holdsworth, *History of English Law*, Vol. I and Vol. IX, chap 7; R. Sutton, *Personal Actions at Common Law*; H. C. Gutteridge, *Comparative Law*; R. David and H. P. de Vries, *French Legal System*; A. T. Von Mehren, *The Civil Law System*; *Legal Aid Handbook* (H.M.S.O.); *Civil Judicial Statistics* (H.M.S.O., annual); *Manual of German Law*, Vol. I (H.M.S.O.); Report of Royal Commission on Despatch of Business at Common Law (Cmd. 5065); 1st, 2nd and 3rd Reports of Committee on County Court Procedure (Cmd. 746 and 7668); 1st, 2nd and 3rd Reports of Committees on Supreme Court Practice (Cmd. 7764, 8176 and 8617); Report of Committee on Administrative Tribunals and Enquiries (Cmd. 218); Report of Law Society on Operation of Legal Aid and Advice Act (1949, annual); Articles on Practice and Procedure in *The Law Quarterly Review*, *The Modern Law Review* and other periodicals.

### LL209 Comparative Criminal Law and Procedure

Dr Leigh and Mr Hall Williams.

**Syllabus** A consideration of the main principles of the English criminal law, of the problems arising in its codification, of the principles of responsibility and the general defences, and of strict liability, vicarious liability and group liability. These will be examined as appropriate in comparison with the rules of other common law systems, of Western European systems of law and in the light of proposals for change by institutional writers and law reform bodies.

**SPECIFIC CRIMES:** A comparative examination of the following specific crimes: homicide, theft, and kindred offences, other offences against property, offences against public morality, commercial trading frauds, offences against the state and the administration of justice.

**PROCEDURE:** A comparative examination of the following topics: Territorial jurisdiction. Police powers of investigation and interrogation. The discretion to prosecute. Relation of prosecutor to the defence. Criminal discovery; problems of notice; joint trials; criminal pleadings. The position of the accused as a witness. Organization of the criminal courts. Criminal appeals, new trial and post-conviction remedies.

**Recommended reading** will be given during the course.

### LL210 Soviet and East European Law

Professor Lapenna and Dr Butler (U.C.).

**Note** Candidates taking LL.M. subject 25 *Soviet Law* may not take Section (B)3 *Soviet Law* under LL.M. subject 24 *Comparative European Law*.

Candidates are required to offer A and one of B, C or D. It may not be possible to provide courses for each option every year.

#### Syllabus

1. *General Introduction* (a) Historical Introduction: Source Materials. (b) Marxist and Leninist Theories of State and Law; Concepts of Ownership. (c) Constitutional Framework; Role of the Communist Party. (d) Administration of Socialist Legality: The Legal Profession; Judicial System; Procuracy; State Arbitrazh; Administrative Commissions;

Comrades' Courts; People's Guard.  
(e) Structure of Socialist Legal System.  
2. *Special Interests* A study of two of the following subjects (see note 1): (a) History of Marxist Legal Thought. (b) Themes in Legal History. (c) Criminal Law and Procedure. (d) Civil Law and Procedure. (e) Constitutional and Administrative Law. (f) Economic law. (g) Labour Law. (h) Family Law (see note 2). (i) Natural Resource and Environment Law. (j) Collective Farm Law. (k) Criminology and Correctional Labour Law. (l) Socialist Economic Integration. (m) Soviet and East European Attitudes Toward Private International Law. (n) Soviet and East European Attitudes Toward Public International Law.

**Note 1.** The special subjects available will be announced by the School(s) teaching the course; not all special subjects will be taught every year. In the Academic Year 1977-78 the following special subjects will be offered: (c) Criminal Law and Procedure, (d) Civil Law and Procedure (Professor Lapenna), (f) Economic Law, (i) Natural Resources and Environment Law (Professor Butler).

**Note 2.** In years when Soviet Family Law is offered as part of Comparative Family Law, a candidate offering special subject (h) Family Law may not also offer Comparative Family Law.

**Note 3.** Although a knowledge of Russian or East European languages is not required, students taking this course will be required to familiarise themselves with some technical legal terms in these languages. The emphasis as between Soviet and East European in each option is at the discretion of the instructor.

**Recommended reading** (in English)  
(Consult the most recent edition)

(a) **Bibliography:** W. E. Butler (Ed.), *Russian and Soviet Law*, An Annotated Catalogue of Reference Works, Legislation, Court Reports, Serials and Monographs on Russian and Soviet Law (Including International Law); W. E. Butler (Ed.), *Writings on Soviet Law and Soviet International Law*; P. S. Romashkin (Ed.), *Literature on Soviet Law: Bibliographic Index*.

(b) **Books:** H. Babb (trans.), *Soviet Legal Philosophy*; D. Barry, W. E. Butler and G. Ginsburgs (Eds.), *Contemporary Soviet Law*; H. J. Berman, *Justice in the U.S.S.R.*; O. Bihari, *Socialist Representative Institutions*; K. Grzybowski, *Soviet Legal Institution*;

J. N. Hazard, *Communists and Their Law*; J. N. Hazard, *Settling Disputes in Soviet Society*; M. Jaowrskyj, *Soviet Political Thought: An Anthology*; E. Johnson, *An Introduction to the Soviet Legal System*; H. Kelsen, *The Communist Theory of Law*; I. Kovacs, *New Elements in the Evolution of Socialist Constitutions*; S. Kucherov, *The Organs of Soviet Administration of Justice*; I. Lapenna, *State and Law: Soviet and Yugoslav Theory*.

(c) **Casebooks:** J. N. Hazard, I. Shapiro and P. Maggs (Eds.), *The Soviet Legal System*; Z. Zile, *Ideas and Forces in Soviet Legal History*.

(d) **Journals and Serials:** *Law in Eastern Europe*; *Osteuropa Recht*; *Review of Socialist Law*; *Soviet Law and Government*; *Soviet Statutes and Decisions*. In addition to these periodicals devoted exclusively to Soviet and East European Law, articles frequently appear in *The International and Comparative Law Quarterly*, *Soviet Studies and Soviet Union*.

**Note** Further readings in books, journals, case reports, and other materials translated for the course will be assigned for options B-O.

### LL211 Comparative Family Law

Ms Temkin, Professor Lapenna and Mr Bradley.

**Note** When the prescribed option in Comparative European Law is "Persons and Family Law"

candidates will not be permitted to offer both Comparative European Law and Comparative Family Law. Candidates taking option B

"Civil Law and Domestic Relations" in LL.M. subject 25 *Soviet Law* may not take Comparative Family Law.

Admission (by permission of the teachers in charge) is open to internal students only.

**Syllabus A** comparison between the judicial concepts and the substantive law regarding: (a) family property rights and maintenance obligations (including any law of succession to property on death) and (b) minors or children; and their relation to other areas of family law, in representative common law and civil law or community property jurisdictions, and other specified legal

systems. Until further notice:

(i) The common law jurisdictions studied will be those of England and Wales, and the State of New York.

(ii) The civil law and community property jurisdictions studied will be Western Germany and the North American States of California and Texas.

(iii) The other specified legal system will be East European Law.

**Recommended reading** Further reading lists will be issued at the beginning of the course.

1. Common law jurisdictions and general comparative works:

(a) **Books:** P. Bromley, *Family Law*; Foote, Levy and Sander, *Cases and Materials on Family Law*, esp. chaps. 1, 3, 4, 10 and 11; M. Hubbell, *Law Directory*, Vol. 4.

(b) **JOURNALS AND ARTICLES:** *Family Law Quarterly of A.B.A.*

(c) **LEGISLATION:** New York Estates Powers and Trusts Law; Domestic Relations Law and Family Court Act.

2. Civil law jurisdictions:

(a) **Books:** E. J. Cohn, *Manual of German Law* (2nd edn., 1967), esp. the chap. on Family Law; *Comparative Law of Matrimonial Property*, A. Kiralfy (Ed.); E. D. Graue, ch. V. *German Law*; Charmatz and Daggett, *Community Property* or W. E. Burby, *Cases on Community Property*.

(b) **LEGISLATION:** Relevant parts of the Civil, Probate Codes of California. Revised Family Code of the State of Texas; German Civil Code, 4th book, arts. 1297-1921. (English translations will be provided.)

3. Reading lists for other specified legal systems will be provided.

### LL212 Law of International Institutions

Professor Brownlie and Dr Nelson.

**Syllabus (A) General Aspects of International Law:** Definition; Development; Sources; Functions and Types of International Institutions; General Principles of International Institutional Law; Methods.

(B) *Non-Comprehensive International Institutions:*

1. Judicial International Institutions, with special reference to Permanent Court of Arbitration and the International Court of Justice: Functions; Organization;

Jurisdiction; Procedure; Awards; Judgments; Advisory Opinions; Execution.

2. Administrative International Institutions, with special reference to pre-1914 international unions and international river organizations: Functions; Membership; Organization; Scope of Jurisdiction; Powers.

3. Quasi-Legislative International Institutions, with special reference to Conferences and the relevant aspects of the International Labour Organization: Functions; Membership; Organization; Scope of Jurisdiction; Powers.

(C) *Comprehensive International Institutions*, with special reference to the League of Nations and United Nations: Functions; Membership; Organization; Scope of Jurisdiction; Procedure; Powers.

(D) *Hybrid International Institutions:*

1. Universalist Single-purpose Institutions, with special reference to the Inter-governmental Organizations related to the United Nations.

2. Regional Institutions. Multi-purpose Institutions, e.g. Organization of American States; Council of Europe. Single-purpose Institutions, e.g. the International Commission for the Northwest Atlantic Fisheries or the Commission for Technical Co-operation in Africa (South of the Sahara); Supranational Institutions (the European Coal and Steel Community, the European Economic Community and Euratom).

3. Sectional International Institutions, with special reference to the North Atlantic Treaty and Warsaw Treaty Organizations: Functions; Membership; Organization; Scope of Jurisdiction; Powers.

(E) *Non-Governmental International Organizations:* Arrangements for Consultation with the United Nations under Article 71 of the Charter.

(F) *Legal Aspects of the Co-ordination of International Institutions.*

**Note** Candidates taking this subject will not be expected to have a detailed knowledge of specialised agencies or other international institutions operating in the field of economics, civil aviation or maritime matters.

(G) *Constitutional Conditions of World Order.*

**Recommended reading** **TEXTBOOKS:**

L. Oppenheim, *International Law*, Vol. I (with special reference to Part I, chap. IV: The Legal Organization of the

International Community), and Vol. II (with special reference to Part I: Settlement of State Differences); G. Schwarzenberger, *International Law*, Vol. I; *International Law as Applied by International Courts and Tribunals* (with special reference to chaps. 23-30: Treaties and Unilateral Acts); *International Constitutional Law and Manual of International Law*, chaps. 9-12; D. W. Bowett, *The Law of International Institutions*.

FURTHER READING: M. M. Ball, *NATO and the European Union Movement*; L. M. Goodrich, E. Hambro and A. P. Simons, *The Charter of the United Nations*; S. S. Goodspeed, *The Nature and Function of International Organisation*; C. W. Jenks, *The Proper Law of International Organisations*; H. Kelsen, *The Law of the United Nations*; A. H. Robertson, *European Institutions*; S. Rosenne, *The Law and Practice of the International Court*; G. Schwarzenberger, *Power Politics: A Study of World Society* (with special reference to chaps. 15 and 25-30); J. L. Simpson and H. Fox, *International Arbitration*; L. B. Sohn, *Cases on United Nations Law and Basic Documents of the United Nations*; B. Boutros-Ghali, *The Addis Ababa Charter*; D. W. Bowett, *United Nations Forces*; G. Modelski et al, SEATO; R. Higgins, *The Development of International Law through the Political Organs of the U.N.*; Ann Van Wynen Thomas and A. J. Thomas, Jr., *The Organisation of American States*; United Nations, *Repertory of Practice of United Nations Organs and Supplements*; *Repertoire of Practice of The Security Council, 1946-1951, and Supplements*. Students should consult the latest editions of these books.

PERIODICALS: *The American Journal of International Law*; *The British Year Book of International Law*; United Nations, *Monthly Chronicle*; *The International and Comparative Law Quarterly*; *International Organisation*; *Year Book of the International Court of Justice*; *Year Book of the United Nations*; *The Year Book of World Affairs*.

### LL213 Law of European Institutions Dr Valentine.

Also for M.Sc.  
Syllabus The history of the movement towards the European communities; political and economic forces; the Zollverein; coal and steel monopolies; the

European Defence Community; the European Political Community (all in outline only).

The European Communities: (i) Constitutional structure: structure and functioning of: the Court of Justice; the European Parliament; the Councils of Ministers; the High Authority; the Consultative Committee; the Commissions; the European Investment Bank; the Social Fund; the Arbitration Committee.

(ii) Implementation of the Treaties: the creation of a common market; abolition of internal tariffs and quotas; the common external tariff; monopolies and restrictive trade practices; pricing and subsidy schemes. The relationship between community law and municipal law; incorporation; harmonisation of legislation. The Council of Europe: structure and functioning of: the Committee of Ministers; the Consultative Assembly; the Joint Committee. Conventions adopted, with special reference to the European Convention on Human Rights; the Commission and Court of Human Rights; scope and interpretation of the Convention.

Comparison with other European Economic Organizations: (i) European Free Trade Association; Council of Association; arbitration procedures; aims and achievements. (ii) Comecon: the Council; the Assembly; the Executive Committee; the Secretariat; aims and achievements.

Recommended reading R. Mayne, *The Community of Europe*; A. H. Robertson, *European Institutions*; D. Lasok and J. W. Bridge, *Introduction to the Law and Institutions of the European Communities*; K. Lipstein, *Law of the European Community*.

FURTHER READING: G. Bebr, *Judicial Control of the European Communities*; Campbell, *Law of the European Communities*, 2 Vols with supplements; J. S. Deniau, *The Common Market*; F. Honig and others, *Cartel Law of the European Economic Community*; G. W. Keeton and G. Schwarzenberger (Eds.), *English Law and the Common Market*; R. Pinto, *Les Organisations Européennes*; R. Pryce, *Political Future of the European Communities*; A. H. Robertson, *The Law of International Institutions in Europe*; D. G. Valentine, *The Court of Justice of the European Communities* (2 Vols.). Reference should also be made to: *The Year Book of the European Convention*

*on Human Rights*; *Common Market Law Reports*; *International Law Reports*; *Common Market Law Review*; F. L. Peyor, "Forms of Economic Co-operation in the European Communist Block" (*Soviet Studies*, Oct. 1959); Institute of Advanced Legal Studies, *Index to Foreign Legal Periodicals*; articles in B.Y.I.L. and I.C.L.Q.

The European Communities Act 1972 and English translations of the three European Community Treaties, the Rules of Procedure of the Communities' Court, E.E.C. Regulations, the E.F.T.A. Treaty and the European Convention on Human Rights are obtainable from Her Majesty's Stationery Office. Sweet and Maxwell's *European Community Treaties* may be found useful.

### LL214 International Law of the Sea Professor Brownlie and Dr Nelson. Syllabus I. Introduction. History; sources.

II. *Delimitation of the Relevant Areas*. Internal waters; the territorial sea and the contiguous zone; bays; harbour works and roadsteads; islands and low-tide elevations; international straits and waterways; the high seas and the sea-bed; the continental shelf.

III. *The Principle of the Freedom of the Seas*. Ordinary and extraordinary rights of jurisdiction in time of peace, with special reference to piracy and the slave trade; coercive measures short of war; limitations and exceptions.

IV. *Users of the High Seas and the Sea-Bed*. Navigation; fisheries; exploitation of other natural resources; scientific research and experiments; disposal of radioactive waste; naval exercises; pipe lines; cables; mechanical installations; other users.

V. *Jurisdiction over Maritime Areas Adjacent to the Coast*. The regime of ports and internal waters; the regime of the territorial sea and the contiguous zone; the regime of the continental shelf; the right of hot pursuit; ships in distress.

VI. *Access to the Sea for States without a Sea Coast*. Transit between the sea and a state without a sea coast; use of ports and the territorial sea of neighbouring states; right to sail ships on the high seas.

VII. *The Legal Regime of the Ship*. Nationality of ships; flags of convenience; warships and other government-owned ships on non-commercial service; government-owned merchant ships; privately-owned merchant ships; collision,

wreck and salvage; stateless ships; pirate ships.

VIII. *The Legal Regime of Crew, Passengers and Cargo*. Jurisdiction; the master; master and crew; conditions of labour; consular jurisdiction over seamen abroad; functional protection of seamen.

IX. *Rules for Securing Safety at Sea*. Rules for the prevention of collisions at sea; assistance at sea; load line conventions; pollution.

X. *International Maritime Institutions*. Types; functions; organization; jurisdiction.

Recommended reading TEXTBOOKS: C. J. Colombos, *International Law of the Sea*; G. Gidel, *Le Droit International Public de la Mer*; M. S. McDougal and W. T. Burke, *The Public Order of the Oceans*; G. Schwarzenberger, *The Fundamental Principles of International Law*, chap. VIII; *Recueil*, Hague Academy, Vol. 87;

I. Brownlie, *Principles of Public International Law* (2nd edn., 1973), Chaps. IX, X and XI.

FURTHER READING: J. Andrassy, *International Law and the Resources of the Sea*; L. J. Bouchez, *The Regime of Bays in International Law*; E. D. Brown, *The Legal Regime of Hydrospace*; R. R. Baxter, *The Law of International Waterways*; B. A. Boczek, *Flags of Convenience*; British Institute of International and Comparative Law, *Developments in the Law of the Sea, 1958-1964* (Special Publication No. 6, 1965); *New Directions in the Law of the Sea*, Vols. 1-4 (1973-74); W. T. Burke, *Towards a Better Use of the Ocean*; T. W. Fulton, *The Sovereignty of the Sea*; S. Oda, *International Control of Sea Resources*; S. Oda, *International Law of Ocean Development*; International Law Commission of the United Nations, *Relevant Summary Records, Documents and Year-books*; Report of the *First United Nations Conference on the Law of the Sea* (Cmnd. 584).

PERIODICALS: *The American Journal of International Law*; *The British Year Book of International Law*; *The International and Comparative Law Quarterly*; *The Year Book of World Affairs*.

### LL215 International Economic Law Mr Lazar.

Also for M.Sc. and B.Sc. (Econ.) Part II.  
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). Supranational institutions (e.g. the European Communities). Recommended reading will be given at the beginning of the course.

#### LL215(a) Twenty-five Classes For LL.M.

#### LL215(b) Twenty-five Classes Sessional. For M.Sc.; B.Sc. (Econ.) Part II.

#### LL216 Industrial and Intellectual Property

Professor Cornish and Dr Vitoria.

**Syllabus Patents** History of patents for inventions. Present system: subject matter; right to apply; employees' inventions; form of application; Patent Office objections and opposition proceedings; grounds of invalidity; infringement; assignments, licences, Crown use; patents of addition; extensions. Comparison with other patent systems. Place of patent protection in the economy. Trade secrets and the protection of "know-how"; scope of present law; relation to patent system.

**Designs** Present system: subject matter; registration; invalidity; infringement (in outline). Relation to copyright.

**Trade Marks and Names** Protection at common law: passing off, slander of title, slander of goods. Trade mark registration: its relation to common law protection; right to apply for registration; purpose of registration; distinctiveness; deception and confusion; division of the register, defensive registrations; certification trade marks; infringement; assignment, registered user, licensing; non-use and use by competitor. Protection of marks and names under the Trade Descriptions Act.

**Copyright** History of copyright protection. Nature of copyright. Works in which copyright exists; periods of copyright, ownership, assignment, licensing; infringement in relation to the different classes of "works". Relation to breach of confidence and the protection of "know-how". Other systems of copyright.

**Recommended reading** INTRODUCTORY: T. A. Blanco White and R. Jacob, *Patents, Trade Marks, Copyright and Industrial Designs*. TEXTBOOKS: T. A. Blanco White, *Patents for Inventions and the Registration of Industrial Designs*; D. Falconer, W.

Aldous and D. Young, *Terrell on Patents*; A. Turner, *The Law of Trade Secrets*; T. A. Blanco White and R. Jacob, *Kerly on Trade Marks*; E. P. Skone James, *Copinger and Skone James on Copyright*.

(Candidates will be permitted to bring into the examination room copies of the Patents Acts 1949 and 1977, Trade Marks Act 1938, Copyright Act 1956, Design Copyright Act 1968 and the Treaty of Rome.) Students should consult the latest editions of these books.

#### LL217 Criminology Mr Hall Williams.

**Syllabus I Introduction.** The legal and criminological conception of crime. Relationship between criminology and criminal law.

II. *Methodology.* Methods of criminological study. Data collection. Theory construction.

III. *Factors and Theories about Crime.*

(a) Physiological factors and theories (including the role of inheritance, chromosome typology, endocrine imbalance etc.).

(b) Psychological factors and theories (including mental disorders, subnormality and their treatment by the law). Personality theories.

(c) Sociological factors and theories (including such environmental influences as the criminal area, gang membership). Cultural theories about crime, the influence of the mass media of communication.

(d) Prediction studies.

IV. *Specific Criminology.* Homicide and violent crime. Female criminality; juvenile crime. Sexual offenders. Drugs, alcohol and crime. Stealing (including shoplifting). Motoring offences. Arson, and crimes of damage to property. Hooliganism and vandalism. Persistent offenders. White collar crime. Organized crime. Political crime. A typology of offences and offenders.

V. *Attitudes and Policies Towards Crime.*

(a) Social defence and crime prevention. Police and public attitudes towards crime. The contribution of scientific criminology.

(b) Dimensions of the crime situation. Criminal statistics, hidden delinquency.

**Recommended reading** TEXTBOOKS: N. Walker, *Crime and Punishment in Britain*; R. Hood and R. Sparks, *Key Issues in Criminology*; E. H. Sutherland and D. R.

Cressey, *Criminology*; D. J. West, *The Young Offender*; W. G. Carson and P. Wiles, *Crime and Delinquency in Britain*.

FURTHER READING: H. Mannheim, *Comparative Criminology; Group Problems in Crime and Punishment; Criminal Justice and Social Reconstruction*; S. and E. T. Glueck, *Unravelling Juvenile Delinquency; Physique and Delinquency; Family Environment and Delinquency; Ventures in Criminology*; S. Glueck, *The Problem of Delinquency*; K. Friedlander, *Psychoanalytical Approach to Juvenile Delinquency*; J. Bowlby, *Child Care and the Growth of Love; Maternal Care and Mental Health; Attachment* (2 vols.); B. Wootton, *Crime and the Criminal Law; Social Science and Social Pathology*; A. K. Cohen, *Delinquent Boys: The Culture of the Gang*; D. M. Downes, *The Delinquent Solution*; T. P. Morris, *The Criminal Area*; J. B. Mays, *Growing Up in the City; Crime and Social Structure; Crime and its Treatment*; M. E. Wolfgang, L. Savitz, N. Johnston, *The Sociology of Crime and Delinquency*; H. J. Eysenck, *Crime and Personality*; G. Trasler, *The Explanation of Criminality*; L. Radzinowicz, *Ideology and Crime*; H. Mannheim (Ed.), *Pioneers in Criminology*; R. G. Andry, *Delinquency and Parental Pathology*; J. J. Wiley and K. R. Stallworthy, *Mental Abnormality and the Law*; M. E. Wolfgang, *Patterns in Criminal Homicide*; M. E. Wolfgang (Ed.), *Studies in Homicide*; M. E. Wolfgang and F. Ferracuti, *The Subculture of Violence*; University of Cambridge, Institute of Criminology, *Psychopathic Offenders*; F. H. McClintock, *Crimes of Violence*; F. H. McClintock and E. Gibson, *Robbery in London*; Home Office Research Unit, *Studies of Female Offenders*; W. E. Cavenagh, *Juvenile Courts, The Child and the Law*; The Cambridge Department's Report on *Sexual Offences*; T. C. Willett, *The Criminal on the Road*; E. M. Schur, *Crimes Without Victims*; W. H. Hammond and E. Chayen, *Persistent Criminals*; D. J. West, *The Habitual Offender*; D. R. Cressey, *Theft of the Nation*; A. K. Cohen and Others, *The Sutherland Papers*; E. H. Sutherland, *White Collar Crime*; L. T. Wilkins, *Social Deviance*; H. Mannheim and L. T. Wilkins, *Prediction Methods in Relation to Borstal Training*; Report of the Departmental Committee on Criminal



Statistics (Perks Committee) (Cmnd. 3448, 1967); L. Yablonsky, *The Violent Gang*; D. Matza, *Delinquency and Drift*; *Becoming Deviant*; T. Sellin, *Crime and Culture*; O. N. Larsen (Ed.), *Violence and the Mass Media*; M. B. Clinard, *Sociology of Deviant Behaviour*; S. Dinitz, R. R. Dynes and A. C. Clarke, *Deviance*; N. Walker, *Crimes, Courts and Figures*; M. Phillipson, *Sociological Aspects of Crime and Delinquency*; D. J. West, *Present Conduct and Future Delinquency*; *Who Becomes Delinquent*; L. Taylor, *Deviance and Society*; Taylor, Walton and Young, *The New Criminology*; *Critical Criminology*; A. Keith Bottomley, *Decisions in the Penal Process*; D. Glaser (Ed.), *Handbook of Criminology*, 1974.

#### LL217(a) Criminology Class

Mr Hall Williams and Ms Temkin.  
Michaelmas and Lent Terms.  
For LL.M.: *Criminology*.

#### LL218 Sentencing and Treatment of Offenders

Mr Hall Williams.

**Syllabus** The theory of punishment including a discussion of the aims of sentencers and the goals of penal administrators. Sentencing procedure and policy, the information available to the courts at the sentencing stage and the use they make of it. Pre-trial intervention, bail and remand in custody. The procedure relating to mentally disordered offenders. The history of the penal system. The custodial system for adult offenders. The law relating to imprisonment. The type of institution, the classification of offenders. Different release procedures (remission, pardon and parole). After-care and community resources. The arrangements for dealing with special types of offender (e.g. recidivists, mentally disordered offenders, females). The non-custodial arrangements for dealing with offenders, including probation, suspended sentence, conditional and absolute discharge, bind-overs, fines, compensation and restitution, community service. Problems of dealing with young offenders: (a) over seventeen, including borstal training, detention centres etc. (b) under seventeen; the juvenile court and the welfare services under the Children and Young Persons Act 1969.  
*Reference will be made throughout the*

*course to the comparative aspects of sentencing and treatment of offenders, insofar as these may assist in the critical examination of the British penal system.*  
**Recommended reading** TEXTBOOKS: J. E. Hall Williams, *The English Penal System in Transition*; *Changing Prisons*; D. A. Thomas, *Principles of Sentencing*; N. Walker, *Sentencing in a Rational Society*; R. Cross, *The English Sentencing System*; H.M.S.O., *People in Prison*; *The Sentence of the Court*; D. J. West, *The Young Offender*; N. Walker, *Crime and Punishment in Britain*; R. Hood and R. Sparks, *Key Issues in Criminology*.  
FOR REFERENCE: P. W. Tappan, *Crime, Justice and Correction*; R. Korn and L. W. McCorkle, *Criminology and Penology*; Council of Europe, European Committee on Crime Problems publications; U.N. Reports of several international Congresses on the Prevention of Crime and the Treatment of Offenders; Law Commission of Canada, reports; American Commissions of Inquiry, in particular the Peterson Commission on Criminal Justice Standards and Goals, 1973; Report of the Butler Committee on Mentally Abnormal Offenders, Cmnd. 6244, October 1975; Report of the Younger Committee on Young Adult Offenders, 1974; Report of the Working Party on Bail Procedures in Magistrates' Courts, 1974; H. Mannheim, *Comparative Criminology* (2 Vols.); N. Johnston, L. Savitz, M. Wolfgang, *The Sociology of Punishment and Correction*; H. L. A. Hart, *Punishment and Deterrence*; M. Grunhut, *Penal Reform*; R. S. E. Hinde, *The British Penal System*; J. D. McClean and J. C. Wood, *Criminal Justice and the Treatment of Offenders*; K. Devlin, *Sentencing Offenders in Magistrates' Courts*; L. W. Fox, *The English Prison and Borstal Systems*; H. Mannheim, *The Dilemma of Penal Reform*; B. Wootton, *Crime and the Criminal Law*; H. R. Rollin, *The Mentally Abnormal Offender and the Law*; J. F. S. King, *The Probation Service* (2nd edn.); J. A. F. Watson, *The Child and the Magistrate*; W. E. Cavenagh, *Juvenile Courts, The Child and the Law*; H. J. Klare, *Anatomy of Prison*; *People in Prison*; F. H. McClintock, *Attendance Centres*; A. Dunlop and S. McCabe, *Young Men in Detention*; A. V. S. de Reuck and R. Porter, *The Mentally Abnormal Offender*; G. Rose, *Schools for Young Offenders*; L. Radzinowicz,

*Detention in Remand Homes*; R. Hood, *Borstal Re-Assessed*; *Sentencing in Magistrates' Courts*; *Sentencing the Motoring Offender*; R. Hood (Ed.), *Crime, Criminology and Public Policy*; L. J. Blom-Cooper (Ed.), *Progress in Penal Reform*; S. McConville (Ed.), *The Use of Imprisonment*; T. C. N. Gibbens, *Psychiatric Studies of Borstal Lads*; W. Healy and B. S. Alper, *Criminal Youth and the Borstal System*; D. Miller, *Growth to Freedom*; H. Klare (Ed.), *Changing Concepts of Crime and Its Treatment*; J. P. Conrad, *Crime and Its Correction*; E. Stockdale, *The Court and the Offender*; T. Grygier, H. Jones, J. C. Spencer, *Criminology in Transition*; T. and P. Morris, *Pentonville*; D. Glaser, *The Effectiveness of A Prison and Parole System*; *Handbook of Criminology* 1974; M. Ancel, *Social Defence*; E. Green, *Judicial Attitudes in Sentencing*; J. Hogarth, *Sentencing as a Human Process*; I. Waller, *Men Released from Prison*; A. E. Bottoms and F. H. McClintock, *Criminals Coming of Age*; A. K. Bottomley, *Decisions in the Penal Process*; Martin Davies, *Prisoners in Society*.

#### LL219 Capital Transfer Tax

Mr Lazar. Ten classes. To be arranged.

For LL.M.: *Estate Planning*. Admission restricted to students of the School taking this subject.

#### LL220 Law of Management and Labour Relations

Professor Lord Wedderburn.  
Sessional.

**Syllabus** This course is concerned primarily with English law as it affects the making of decisions at the place of work and the context of labour relations in which such decisions are made. Comparisons with other systems will be made, in general terms, wherever possible.  
I. Structure of corporate enterprise. Control of management; and representation of various interests. Chief executives, directors and governing board. One-tier boards of directors in British law. Other managers. Two-tier arrangements in practice under other laws; and obligatory two-tier systems. Role of shareholders and employees; and the duties of management to act in the interests of the enterprise. "Participation" of employees by profit-sharing or other methods. Current legal

and other problems in Britain for "Participation".

II. Management's plans. Legal requirements for disclosure of information to shareholders and public; to Government; to employees and trade unions.

III. Management and labour relations. Recognition of trade unions: the duty to bargain. The role of state agencies and collective bargaining structure e.g. the Advisory Conciliation and Arbitration Service. Legal requirements for "participation" by works councils etc.  
IV. Collective bargaining. Effect of the law upon collective agreements, and upon objectives of management and trade unions in bargaining. Legal enforceability of agreements; legal "extension" of agreements; legal machinery for arbitration and inquiry. Grievance procedures and the "peace obligation" for employer, trade union and worker. The place of "Labour Courts".

V. Legal problems of managerial functions, industrial discipline and industrial conflict. Closed shops; trade unions organisation and administration. Collective negotiation and the standard obligations of the employment relationship. Impact of law and practice affecting dismissal or discipline of workers. Law of industrial conflict affecting power of the parties in decision-making in the enterprise. State intervention in industrial conflict. Control of jobs and entry to the trade: effect of the law, for example, on the closed shop, rules of trade unions and employers' associations. Other legal control of decisions e.g. racial or other discrimination.

VI. The problems already described in the special context of the "multi-national" or international corporation.

**Recommended reading** Trade Union and Labour Relations Act 1974, and Amendment Act 1976; *The Code of Practice: Employment Protection Act 1975*; Industry Act 1975; Sex Discrimination Act 1975; Race Relations Act 1976; B. Weekes, M. Mellish, L. Dickens and J. Lloyd, *Industrial Relations and the Limits of Law*; M. Fogarty, *Company Responsibility and Participation—A New Agenda*; *The Report of the Committee of Inquiry on Industrial Democracy* (Bullock Report) (Cmnd. 6706); O. Kahn-Freund, *Labour and the Law* (Hamlyn Lectures); R. W. Rideout, *Principles of Labour Law*; L. C. B. Gower, *The Principles of Modern Company Law* (chaps. 1, 7, 20, 23, 25);

K. W. Wedderburn, *The Worker and the Law: Report of the Royal Commission on Trade Unions and Employers' Associations, 1968* (Cmnd. 3623).  
**FURTHER READING OR REFERENCE:**  
 A. Berle and G. Means, *The Modern Corporation and Private Property*; T. Hadden, *Company Law and Capitalism*; Commission of European Communities, "Employee Participation and Company Structure" (*Bulletin of European Communities*, Supplement 8/75); D. F. Vagts, "Reforming the Modern Corporation—Perspectives from the German" (*Harvard Law Review*, Vol. 80 page 23, 1966); C. de Hoghton, *The Company: Law Structure and Reform in Eleven Countries*; S. Simitis, "Workers' Participation in the Enterprise" (*Modern Law Review*, January 1974, p. 1); P. L. Davies, "Employee Participation on Company Boards" (*Modern Law Review*, May 1974, p. 254); K. W. Wedderburn, "Labour Law and Labour Relations in Britain" (*British Journal of Industrial Relations*, July 1972); K. W. Wedderburn and P. L. Davies, *Employment Grievances and Disputes Procedures in Britain*; B. Aaron (Ed.), *Disputes Settlement Procedures in Five West European Countries*; Confederation of British Industry, *Responsibilities of the British Public Company*; H. A. Clegg, *System of Industrial Relations in Great Britain*; *Research Papers* for "Donovan" Royal Commission, Nos. 1, 2(i), 2(ii), 5(i), 5(ii), 6; B. Hepple and P. O'Higgins, *Encyclopaedia of Labour Relations Law*; K. Coates, *The New Unionism*; Trades Union Congress, *Industrial Democracy Report of 1974*; G. Strauss and E. Rosenstein, "Workers' Participation", chap. 8 in Gilbert (Ed.), *The Modern Business Enterprise*; R. Clark, D. Fatchett and B. C. Roberts, *Workers' Participation in Management in Britain*; "Symposium on Workers' Participation in Management: International Comparisons" (*Industrial Relations*, Vol. 9, pages 117-214, 1970); "Reports on Workers' Participation in Management: France, Germany and U.S.A." (*Bulletin of the International Institute of Labour Studies*, Vol. 6, pages 54-186, 1969); K. W. Wedderburn, "Trade Union and Labour Relations Act 1974" (*Modern Law Review*, September 1974, 525); "Employment Protection Act 1975" (*Modern Law Review*, March 1976, 169); Clerk and Lindsell on *Torts* (14th ed.) Chapter 11;

Commission on Industrial Relations, *Worker Participation and Collective Bargaining in Europe* (Study 4, 1974); B. Aaron and K. W. Wedderburn (Eds.), *Industrial Conflict: A Comparative Legal Survey*; W. Däubler, "Codetermination: The German Experience" (*Industrial Law Journal*, December 1975, 218); D. F. Vagts, "The Multinational Enterprise" (*Harvard Law Review*, Vol. 83, page 739, 1970); L. Turner, *The Politics of the Multi-national Company*; K. W. Wedderburn, "Multinational Enterprise and National Labour Law" (*Industrial Law Journal*, March 1972).  
 Students should consult the latest editions of these books.  
 Further reading, including articles in journals will be recommended in seminars on particular questions.  
**Note:** This course is suitable only for students who have already studied English Labour Law.

### LL221 Individual Employment Law

Mr Simpson and Dr Fulbrook.  
 Sessional.

**Syllabus 1.** Formation and significance of the Contract of Employment. The place of the contract of employment in labour law. Special considerations not applicable in general contract law with particular reference to implied terms. Forms of provisions of labour. Sources with special reference to the function of the collective agreement and the implied term.  
 2. The Obligation and the Right to Work. The duty to be available for work. Individual nature of the obligation. Limitations on the opportunity to work: Property in the job. Union membership and the closed shop. Protection of the trade union member as against his union. Restraint of trade and public policy. Discrimination and inequality.  
 3. Wages, Hours and Holidays. Statutory wage control: as to method—Truck Act, as to amount—History, Wages Councils, Wages Policy. Equal pay and Equal Opportunities. Control of hours of work. Protection of minimum standards—functions of Central Arbitration Committee.  
 4. Fidelity. The basis of the obligation. Protection of trade secrets and other industrial property.  
 5. Termination. Frustration. Repudiation and common law remedies for dismissal—termination by notice. Effect of strike

action on the contract of employment. Protection against collective dismissals and particularly dismissal for redundancy—the law of redundancy. Unfair dismissal—definitions, unfair cause and method. Suspension and variation of contract. Reinstatement and Compensation.  
 6. Unemployment. Social Security benefits. Re-training.  
 7. Procedure. The Common Law remedies. Industrial Tribunals and Appeals therefrom.  
**Recommended reading** PRELIMINARY: Rideout, *Principles of Labour Law* (Sweet and Maxwell) (2nd edn.) 1976; Wedderburn, *The Worker and the Law* (Penguin) (2nd edn.) 1971; Clegg, *The System of Industrial Relations in Great Britain* (Blackwell) 1972.  
**REFERENCE:** Dix, *Contract of Employment* (Butterworth) (5th edn.) 1976; Heppie and O'Higgins, *Encyclopaedia of Labour Law* (Sweet and Maxwell); Wedderburn, *Cases and Materials on Labour Law* (C.U.P.); Fridman, *Modern Law of Employment* (Stevens) 1972 edn.; Mansfield Cooper and Wood, *Outlines of Industrial Law* (Butterworths) 1972 edn.; Avins, *Employees' Misconduct* (Allanhabad) 1968.

**MAIN READING:** Cronin and Crime, *Labour Law* (Chaps. 1-5) (Butterworth) 1970; Kahn Freund, *Labour and the Law* (Stevens); Anderman, *Unfair Dismissals and the Law* (I.P.M.); McCarthy, *The Closed Shop in Britain* (Oxford); Hepple, *Race, Jobs and the Law in Britain* (Penguin); Grunfeld, *The Law of Redundancy* (Sweet and Maxwell); McCarthy and Ellis, *Effect of the Redundancy Payments Act* (H.M.S.O. 1972); Wedderburn and Davis, *Employment Grievances and Disputes Procedures in Britain* (Berkeley 1970); Wedderburn and Aaron, *Industrial Conflict* (Longmans); Hepple and O'Higgins, *Employment Law* (Sweet and Maxwell) 1976; Freedland, *The Contract of Employment* (OUP) 1976; McGlyne, *Unfair Dismissal Cases* (Butterworths) 1976; Jackson, *Unfair Dismissal* (CUP) 1975; Mesher, *Compensation for Unemployment* (Sweet and Maxwell) 1976; Field, *Are Low Wages Inevitable?* (Spokesman Books) 1977; Hilton, *The Truck System 1960*; Micklethwait, *The National Insurance Commissioners* (Sweet and Maxwell) 1976; Calvert, *Social Security Law* (Sweet and Maxwell) 1974; Whitesides and Hawker, *Industrial*

*Tribunals* (Sweet and Maxwell) 1975; Weekes et al, *Industrial Relations and the Limits of Law* (Blackwell) 1975; Kahn Freund, *Labour Law: Old Tradition and New Developments* (Clarke Irwin) 1968; Aikin and Reid, *Employment, Welfare and Safety at Work* (Penguin) 1971.

**OTHER BOOKS AND ARTICLES:** *Report of Committee of Enquiry into Labour in Building and Civil Engineering* (Phelps Brown) Cmnd. 3714; *Industrial Law and the Labour Only Sub-Contract*; G. de N. Clark (1967) 30 MLR 6; *Works Rule Books in the Engineering Industry* (1970) Ind. Rel. J2. (1971) Ind. Rel. J54; Wainwright, *Race and Employment* (IPM 1970); Street, *Report on anti-discrimination legislation* (P.E.P. 1967); Lloyd, *The Right to Work* (1957) 10 CLP 36; Weir (1966) CLJ 165; Goodhart (1960) 82 LQR 319; Rideout, (1967) 30 MLR 389; Mepharm, *Problems of Equal Pay* (I.P.M. 1969); Williams, *Apportionment* (1941) 57 LQR 373; Kahn Freund, *The Tangle of the Truck Acts* (1949) 4 Ind. Law Rev. 2; Clark, *Remedies for Unjust Dismissal* (P.E.P. 1970); North, *Breach of Confidence* (1965) JBL 307; (1966) JBL 31; Jones, *Breach of Confidence* (1970) 86 LQR 463; Jones, *Contractual Co-operation and Implied Terms* (1968) 31 MLR 390; McCormick, *Redundancy Payments Act in the Practice of the Industrial Tribunals* (1970) 8 BJIR 334; Kahn Freund, *Note on Contract and Status in British Labour Law* (1967) 30 MLR 635; Reid, *Women in Employment: The New Legislation* (1976) 39 MLR 432; Fryer, *The Myths of the Redundancy Payments Act* (1973) 2 ILJ 1; Napier, *Judicial Attitudes towards the Employment Relationship—Some Recent Developments* (1977) 6 ILJ 1; Atiyah, *Vicarious Liability in the Law of Torts* (1967). Students are also reminded to refer to the *Industrial Law Journal* and the *British Journal of Industrial Relations*. Further reading including articles in journals will be recommended in seminars on particular questions.  
**Note** Candidates intending to offer this option are advised that they should not do so unless they possess a substantial knowledge of at least one system of labour law or industrial relations.

**LL222 Human Rights (Seminar)**  
 Mr Thornberry. Sessional.  
**Syllabus I** *Historical, Political and Constitutional Background.* (a) Historical

and political background; the emergence of the modern State and man's position in it; with particular regard to English and French writers since the Reformation, especially Hobbes, Locke and Rousseau. (b) The protection of individual rights in the common law with special reference to the United Kingdom, the United States of America, recently independent and dependent territories of the United Kingdom (e.g. the Republic of Cyprus, Kenya and Mauritius).

II. *Basic Principles.* (a) Human rights and customary international law; the legal character of human rights; the influence of the United Nations Charter, the Universal Declaration of Human Rights 1948 and treaties on human rights.

(b) The principle of non-discrimination.

(c) The principle of self-determination.

(d) Grounds for limitation of the enjoyment and exercise of human rights; respect for the rights of others; respect for democracy.

III. *Civil and Political Rights.* Analysis and comparison of the relevant provisions of the Universal Declaration of Human Rights 1948, the European Convention on Human Rights and Fundamental Freedoms 1950 (including its Protocols) and the United Nations International Covenant on Civil and Political Rights 1966, with particular reference to: the right to life; to freedom from inhuman or degrading treatment; to freedom from slavery; to liberty and security of person; to fair trial (including the prohibition on *ex post facto* punishment); to privacy and freedom of communication; to freedom of thought, conscience and religion; to freedom of expression; to freedom of assembly and association; to freedom of movement.

IV. *Economic, Social and Cultural Rights.* Analysis and comparison of the provisions of the United Nations International Covenant on Economic, Social and Cultural Rights 1966 and relevant European treaties.

(a) The legal nature of the rights.

(b) The right to family life; to health; to education; to culture and the benefits of science; to own and hold property; to work (including rights relating to trade unions).

V. *International Machinery for the Protection of Human Rights*, with particular reference to the United Nations and its International Covenants, the International Labour Organization

and the Council of Europe.

**Recommended reading** G. H. Sabine, *History of Political Theory*; A. V. Dicey, *The Law of the Constitution*; D. G. T. Williams, *Keeping the Peace*; H. Street, *Freedom, the Individual and the Law*; E. C. S. Wade and G. G. Phillips, *Constitutional Law*; T. M. Franck, *Comparative Constitutional Process: Cases and Materials*; P. P. Remec, *The Position of the Individual in International Law according to Grotius and Vattel*; J. H. W. Verzijl, *Human Rights in Historical Perspective*; M. Moskowitz, *The Politics and Dynamics of Human Rights, Human Rights and World Order*; M. Moskowitz, *International Concern with Human Rights*; I. Brownlie, *Basic Documents on Human Rights*; C. W. Jenks, *The Common Law of Mankind; Human Rights and International Labour Standards*; H. Lauterpacht, *International Law and Human Rights*; J. E. S. Fawcett, *The Application of the European Convention on Human Rights*; F. Jacobs, *The European Convention on Human Rights*; G. Weil, *The European Convention on Human Rights*; K. Vasak, *La Convention Européenne des Droits de l'Homme; Digest of Case Law Relating to the European Convention on Human Rights 1955-67*; R. Cassin, *Amicorum Discipulorumque Liber* (Collection of Essays in English and French); A. H. Robertson, *Human Rights in National and International Law; Human Rights in Europe; Human Rights in the World*; A. Eide and A. Schou, *The International Protection of Human Rights*; E. Luard, *The International Protection of Human Rights*; E. Landy, *The Effectiveness of International Supervision*; J. Carey, *U.N. Protection of Civil and Political Rights*; M. Ganji, *International Protection of Human Rights*. Students should consult the latest editions of these books.

**FURTHER READING AND REFERENCE**

Decisions of the European Commission of Human Rights and of the Court of Human Rights; *Yearbook* of the European Convention on Human Rights; United Nations, *Yearbook of Human Rights*; Records of the United Nations Human Rights Commission and other United Nations organs. Periodicals such as the *Human Rights Journal*; *The Human Rights Review*; *The American Journal of International Law*; *American Journal of Comparative Law*; *The British Year Book of International Law*; Hague Academy,

*Recueil des Cours; The International and Comparative Law Quarterly; Year Book of the United Nations; The Year Book of World Affairs.*

For information concerning seminars for the LL.M. degree and other graduate seminars in law, given at other Colleges of the University of London, students should consult either the Institute of Advanced Legal Studies, 25 Russell Square, London WC1B 5DR, or the Timetabling Office at the School.

**OTHER GRADUATE COURSES IN LAW GIVEN AT THE SCHOOL**

**LL223 Problems of Civil Litigation**

Master Jacob and Professor Zander. Fortnightly, Michaelmas and Lent Terms.

This seminar is supplementary to Course LL208 (It is not a separate course). Current problems in civil litigation will be discussed.

**LL224 Problems in Taxation (Seminar)**

Professor Wheatcroft and Professor Prest. Fortnightly, Lent and Summer Terms.

For graduate students in the Law Department and M.Sc. Admission by permission of Professor Wheatcroft or Professor Prest.

**Syllabus** The seminar will discuss the legal accounting and economic aspects of various current problems in taxation. Subjects will be announced in advance.

**LL225 Legal Medicine and Psychiatry**

Mr Hall Williams, Ms Temkin and visiting speakers. Lectures followed by discussion, Michaelmas and Lent Terms.

For LL.M.; LL.B. Other students may attend by permission.

## Mathematics, Statistics, Computing, Actuarial Science and Operational Research

### MATHEMATICS

#### MS100 Basic Mathematics

Dr Boardman. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Geog., Soc. Psych. **Syllabus** Functions and graphs. Vectors and matrices. Elementary co-ordinate geometry. Exponential, logarithm and trigonometric functions. Derivatives and integrals. Optimisation. Techniques of differentiation and integration. Simple Taylor series. Complex numbers. Mathematical induction. (This course assumes only a knowledge of 'O' level Mathematics and covers enough of the normal 'A' level syllabus to allow students to go on to course MS102.)

**Recommended reading** G. C. Archibald and R. G. Lispey, *A Mathematical Treatment of Economics*; G. Freilich and F. Greenleaf, *Calculus*; Bers and Karal, *Calculus*.

#### MS100(a) Basic Mathematics Class

Classes, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Geog., Soc. Psych.

#### MS101 Introduction to Algebra

Dr Freedman and Dr Boardman. Forty-three lectures. Sessional.

For B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 1st yr., Maths. and Phil. 1st yr.

**Syllabus** Vector spaces. Linear transformations and matrices. Systems of Linear equations. Inner product spaces. Eigenvalues and quadratic forms. Elementary group and ring theory with particular reference to Euclidean Rings. **Recommended reading** C. W. Curtis, *Linear Algebra* (Chapters 1-6); I. M. Gel'fand, *Lectures on Linear Algebra* (Chapters 1-2); P. M. Cohn, *Algebra* Vol. 1 (Chapters 1-9); N. Ya Vilenkin, *Stories about sets*; I. N. Herstein, *Topics in Algebra* (Chapters 1-3).

#### MS101(a) Introduction to Algebra Class

Dr Freedman and Dr Boardman.

Thirty classes, Michaelmas and Lent Terms.

#### MS102 Elementary Mathematical Methods

Professor Binmore and

Dr McDiarmid. Forty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 1st yr., Geog.; Dip. Stats.

**Syllabus** Real and complex numbers. Sets and functions. Differentiation and integration in one and several variables. Elementary optimisation. Simple differential and difference equations. Vectors, matrices and determinants. Eigenvalues and quadratic forms. Vector spaces and linear transformations. Solution of systems of linear equations. **Recommended reading** G. Hadley, *Linear Algebra*; L. Bers and F. Karal, *Calculus*; T. Yamane, *Methods for Economists*.

The following small books in the "Library of Mathematics" series: *Complex Numbers*; *Partial Derivatives*; *Multiple Derivatives*; *Multiple Integrals*. The "Schaum Outline Series" book, *Calculus* by F. Ayres.

#### MS102(a) Elementary Mathematical Methods Class

Classes, Sessional.

#### MS103 Introduction to Analysis and Set Theory

Professor Binmore. Forty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Act. Sci. 1st yr., Maths. and Phil. 1st yr., Geog.

**Syllabus** Elementary set theory. The real number system. Convergence and continuity. Differentiation and integration. Point set topology. Analysis in finite dimensional spaces.

**Recommended reading** K. G. Binmore, *Mathematical Analysis: A Straightforward Approach*; J. C. Burkill, *An Introduction to Mathematical Analysis*; D. A. Quadling, *Mathematical Analysis*.

#### MS103(a) Introduction to Analysis and Set Theory Class

Professor Binmore, Dr Bell and Dr Straf. Twenty classes.

#### MS104 Further Analysis

Dr Boardman. Sessional.

For B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 2nd or 3rd yr.; B.Sc. (Econ.) Part II.

**Syllabus** Analysis in Metric spaces. Derivatives of vector functions. Measure and integration. Applications in function spaces and complex variable.

**Recommended reading** H. L. Royden, *Real Analysis*; J. C. Burkill and H. Burkill, *A Second Course in Mathematical Analysis* (Chapter 7); J. F. C. Kingman and S. J. Taylor, *Introduction To Measure and Probability*; G. F. Simmons, *Introduction to Topology and Modern Analysis*.

#### MS104(a) Further Analysis Class

Dr Boardman. Twenty classes, Sessional.

#### MS105 Further Algebra

Dr Freedman. Ten lectures of two hours, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths and Phil. 2nd or 3rd yr.

**Syllabus** Topics in commutative rings. Modules over a principle ideal domain. Application to abelian groups and matrices.

**Recommended reading** B. Hartley and T. O. Hawkes, *Rings, Modules and Linear Algebra* (Parts I and III); S. MacLane and G. Birkhoff, *Algebra* (Chapters 4, 6 and 10); P. M. Cohn, *Algebra*, Vol. 1 (Chapters 10-11).

#### MS105(a) Further Algebra Class

Dr Freedman. Twelve classes, Michaelmas and Summer Terms.

#### MS105(b) Further Algebra Seminar

Dr Freedman. Ten seminars of two hours, Lent Term.

#### MS106(i) Games

Professor Binmore. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 2nd or 3rd yr.; M.Sc.

**Syllabus** Formal games and their classification. Strictly competitive (zero-sum) games. Poker and bluffing. Non-cooperative games. Negotiation and cooperation. Core. Nash bargaining solution. Side payments. Von Neuman and Morgenstern solutions and other theories of coalition formation.

**Recommended reading** R. Luce and H. Raiffa, *Games and Decisions*; G. Owen, *Game Theory*.

#### MS106(ii) Utility, Risk and Uncertainty

Professor Binmore and Dr Dasgupta. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 2nd or 3rd yr.; M.Sc.

**Syllabus** Preferences and utility. Probability and Von Neumann utility. The Savage theory of subjective probability. Bayes theorem. Applications. **Recommended reading** R. Luce and H. Raiffa, *Games and Decisions*; K. Borsch, *Economics of Uncertainty*.

#### MS106(a) Games, Decisions and Gambling Class

Dr Ostaszewski. Twenty classes, Michaelmas and Lent Terms.

#### MS107(i) Functional Analysis and Optimisation

Dr Ostaszewski. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 3rd yr.; M.Sc.

**Syllabus** Normed vector spaces. Hahn-Banach theorem. Separating hyperplanes. Banach space. Representation theorems. Duality. Closed graph theorem. Operator derivatives. Implicit functions. Optimisation. Abstract Lagrange multipliers and Kuhn-Tucker theorems. **Recommended reading** D. G. Luenberger, *Optimisation by Vector Space Methods*.

#### MS107(ii) Control theory

Dr Ostaszewski. Fifteen lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 3rd year; M.Sc.

**Syllabus** Dynamic systems. Calculus of variations. Optimal control. Pontryagin theory.  
**Recommended reading** M. D. Intrilligator, *Mathematical Optimisation and Economic Theory*; D. G. Luenberger, *Optimisation by Vector Space Methods*.

**MS107(a) Abstract Mathematics in Optimisation and Control Class**  
Dr Ostaszewski. Twenty classes, Michaelmas and Lent Terms.

**MS108 Ideas in Mathematics and Science**

Dr Bell and Dr Zahar. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 2nd or 3rd yr., Maths. and Phil. 2nd or 3rd yr.; M.Sc.

**Syllabus** Problems and paradoxes of the Greeks and their role in the development of number ideas (trisection of angles, duplication of cube, squaring of circle. Zeno's paradoxes. Pythagoras. Eudoxus. Archimedes). Parallel Postulate. Non-Euclidean geometries. Axiomatic Method. Godel's theorem. Mass, Energy, Momentum etc. Newtonian Mechanics. Einstein and relativity. Cosmology. Black holes. Probability ideas. Statistical Mechanics.

**Recommended reading** E. Bell, *Men of Mathematics*; C. Boyer, *A History of Mathematics*; A. Einstein and L. Infeld, *Evolution of Physics*; E. Mach, *The Science of Mechanics*; H. Eves, *An Introduction to the History of Mathematics*; A. Einstein, *Relativity: A Popular Approach*.

**MS108(a) Ideas in Mathematics and Science Class**

Dr Bell and Dr Zahar. Twenty classes, Michaelmas and Lent Terms.

**MS109(i) Set Theory and Topology**

Dr McDiarmid. Fifteen lectures, Michaelmas and Lent Terms.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 2nd or 3rd yr.; M.Sc.

**Syllabus** Sets, relations, orderings and functions. Cardinal and ordinal numbers. Introduction to general topology. Completeness, compactness and continuity. Strong and weak topologies.  
**Recommended reading** P. R. Halmos, *Naive Set Theory*; H. Nikaido, *Introduction to Sets and Mappings in Modern Economics*; S. Lipschutz, *General Topology* (Schaum Outline Series).

**MS109(ii) Convexity and Duality**  
Professor Binmore. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 2nd or 3rd yr.; M.Sc.

**Syllabus** Systematic account of convexity in finite dimensional spaces. Application to systems of linear inequalities and mathematical programming. Duality.  
**Recommended reading** M. Yaari, *Linear Algebra for Social Sciences*; The Open University texts, *Linear functionals and duality*; *Affine geometry and convex cones*.

**MS109(iii) Fixed Point Theorems**  
Dr McDiarmid. Seven lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 2nd or 3rd yr.; M.Sc.

**Syllabus** Banach, Brouwer and Kakutani fixed point theorems. Applications.  
**Recommended reading** H. Nikaido, *Introduction to Sets and Mappings in Modern Economics*; K. Kuratowski, *Introduction to Set Theory and Topology*; A. Kolmogorov and S. Fomin, *Functional Analysis*; D. R. Smart, *Fixed Point Theorems*.

**MS109(a) Topology and Convexity Class**

Dr McDiarmid.  
Twenty classes, Michaelmas and Lent Terms.

**MS110(i) Boolean Algebras**

Dr Bell. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 3rd yr., Maths. and Phil. 3rd yr.; M.Sc.  
**Syllabus** Lattices. Elementary properties of Boolean algebras. Filters and

ultrafilters. Stone's representation theorem. Atomic and complete Boolean algebras. Stone spaces of Boolean algebras.  
**Recommended reading** P. Dwyer, *Introduction to Boolean Algebras*; P. Halmos, *Lectures on Boolean Algebras*.

**MS110(ii) Model Theory**

Dr Bell. Ten lectures, Lent Term.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 3rd yr., Maths. and Phil. 3rd yr.; M.Sc.  
**Syllabus** Basic properties of models. Löwenheim-Skolem theorems. Ultraproducts and applications. Lindenbaum Algebras. Countable models of complete theories. Ehrenfeucht-Mostowski theorem and applications.  
**Recommended reading** J. Bell and A. Slomson, *Models and Ultraproducts: An Introduction*; Shoenfield, *Mathematical Logic*; Chang and Keisler, *Model Theory* (for reference).

**MS110(a) Further Mathematical Logic Class**

Dr Bell. Twenty classes, Michaelmas and Lent Terms.

**MS111 Axiomatic Set Theory**

Dr Bell. Thirty lectures, Lent and Summer Terms.  
For M.Sc.  
**Syllabus** Axiomatic development of Zermelo-Fraenkel set theory. Definitions by transfinite induction. Constructible sets. Consistency of the axiom of choice and the generalised continuum hypothesis.  
**Recommended reading** P. Cohen, *Set Theory and the Continuum Hypothesis*; J. Krivine, *Théorie Axiomatique des Ensembles*; Drake, *Set Theory*.

**MS112(i) Algebra: Infinite Abelian Groups**

Dr Freedman. Twenty hours, Lent Term of session 1978-79.  
For B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 2nd or 3rd yr.  
**Syllabus** Infinite Abelian Groups. Direct sums of cyclic groups. Divisible and free Abelian groups. Pure subgroups. Basic subgroups. Uim's theorem.  
**Recommended reading** I. Kaplansky, *Infinite Abelian Groups*; L. Fuchs, *Infinite Abelian Groups* (Chapters 1-4). A selection of papers specified during the course.

**MS112(ii) Commutative Algebra**

Dr Freedman. Twenty hours, Lent Term of session 1977-78.  
For B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 2nd or 3rd yr.  
**Syllabus** Factorial rings. Localisations. Valuation rings. Krull domains.  
**Recommended reading** M. F. Atiyah and I. G. MacDonald, *Introduction to Commutative Algebra*; P. M. Cohn, "Unique Factorization Domains" in *American Mathematical Monthly*, 80, 1973; P. Samuel, "Unique Factorization" in *American Mathematical Monthly*, 75, 1968.

**MS112(a) Algebra Class**

Dr Freedman. Ten classes of two hours, Lent Term.

**MS113 Mathematical Methods**

Dr Ostaszewski and others.  
Forty lectures, Michaelmas and Lent Terms.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 2nd yr., Maths. and Phil. 2nd yr.; Dip. Stats.  
**Syllabus** Multivariate calculus. Differential and difference equations. Matrix analysis. Convexity. Optimisation and mathematical programming. Transform methods. Some measure theory. (The course will include some revision of the subject matter of *Elementary Mathematical Methods*).

**MS113(a) Mathematical Methods Class**

Dr Ostaszewski, Dr McDiarmid and others. Twenty classes, Michaelmas and Lent Terms.

**MS114 Informal Seminar**

Dr Freedman. Twelve hours. This is intended primarily for 1st yr. specialists in pure mathematics.

**STATISTICS UNDERGRADUATE COURSES**

**MS200 Quantitative Methods for Economists: Statistics**

Dr Dougherty. Ten lectures, Lent Term.

For B.Sc. (Econ.) Parts I and II; M.Sc. prelim. yr.

**Syllabus** Definitions and rules of probability. Random variables and expectations. Discrete and continuous distributions. Introduction to statistical inference. Elementary sampling theory. **Recommended reading** T. H. Wonnacott and R. J. Wonnacott, *Introductory Statistics*; G. B. Wetherill, *Elementary Statistical Methods*; J. J. Thomas, *An Introduction to Statistical Analysis for Economists*; N. M. Downie and R. W. Heath, *Basic Statistical Methods*; P. H. Karmel and M. Polasek, *Applied Statistics for Economists*.

#### MS200(a) Quantitative Methods for Economists: Statistics Class

Dr Dougherty. Ten classes, Lent Term.

For B.Sc. (Econ.) Parts I and II and M.Sc.: *Quantitative Methods for Economists*.

#### MS201 Survey Methods for Social Research

Dr Phillips. Ten lectures, Michaelmas and Lent Terms.

(i) **Whole course** for B.Sc. (Econ.) Parts I and II; B.Sc. S.S. and A. 1st yr.; B.Sc. c.u. main field Soc. Anth. 2nd yr.; M.Sc. final yr.

(ii) **First five lectures only** for B.Sc. c.u. main field Soc. 1st yr.; M.Sc. prelim. yr.

**Syllabus** Sample survey techniques. Problems associated with the planning and execution of statistical investigations by sample survey techniques with case study illustrations. The problems of causal analysis.

**Recommended reading** T. Payne, *The Art Asking Questions*; B. S. Rowntree, *Poverty and Progress; New Survey of London Life and Labour*; M. A. Abrams, *Social Surveys and Social Action*; P. Gray and T. Corlett, "Sampling for the Social Survey" (*Journal of the Royal Statistical Society*, 1950); C. Sellitz and others, *Research Methods in Social Relations*; L. Festinger and D. Katz (Eds.), *Research Methods in the Behavioural Sciences*; H. H. Hyman and others, *Interviewing in Social Research*; C. A. Moser and G. Kalton, *Survey Methods in Social Investigation*; F. Edwards (Ed.), *Readings in Market Research*; A. Bradford Hill, *Statistical Methods in Clinical and Preventive Medicine*.

#### MS201(a) Survey Methods for Social Research Class

Dr Phillips and Mrs Spitz. Five classes, Fortnightly, Lent Term. For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main field Soc. Anth. 2nd yr.; M.Sc.

#### MS202 Statistical Methods for Social Research

Professor Bartholomew. Twenty-three lectures, Sessional.

**First eighteen lectures** for B.Sc. c.u. main fields Soc. 1st yr., Soc. Anth.; B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 1st yr.; Dip. Personnel Management; M.Sc. prelim. and final yrs. **Whole course** for B.Sc. c.u. main field Soc. Psych. 1st yr.

**Syllabus** Elements of descriptive statistics. Elementary probability. Sampling distributions, elements of statistical inference, estimation and hypothesis testing. Association in contingency tables. Two-variable correlation and regression. Elementary non-parametric techniques. **Recommended reading** H. M. Blalock, *Social Statistics*; D. J. Bartholomew and E. E. Bassett, *Let's Look at the Figures*; K. A. Yeoman's, *Statistics for the Social Scientist*, Vols I and II; F. R. Jolliffe, *Commonsense Statistics for Economists and Others*.

#### MS202(a) Statistical Methods for Social Research Class

Professor Bartholomew, Miss Reid and others. Twenty or twenty-five classes.

#### MS203 Introductory Practical Statistics

Lecturer to be announced. Twenty lectures, Michaelmas and Lent Terms.

For Trade Union Studies course. **Recommended reading** R. Langley, *Practical Statistics for Non-Mathematical People*; C. A. Moser and G. Kalton, *Survey Methods in Social Investigation*.

#### MS204 Elementary Statistical Theory

Mr Balmer. Thirty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II;

B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Act. Sci. 1st yr., Geog.

**Syllabus** Descriptive statistics. Probability and distribution theory. Sampling. Estimation and tests of hypotheses. Statistical relationship. Regression, Correlation, Analysis of Variance. **Recommended reading** INTRODUCTORY: P. G. Hoel, *Elementary Statistics*; J. L. Phillips, *Statistical Thinking*. GENERAL: J. E. Freund, *Modern Elementary Statistics*; R. E. Walpole, *Introduction to Statistics*; R. J. and T. H. Wonnacott, *Introductory Statistics*; P. L. Meyer, *Introductory Probability with Statistical Applications*.

Further references will be given during the course. Students are advised not to purchase books in connection with this course before its commencement.

#### MS204(a) Elementary Statistical Theory Class

Mr Balmer and others. Weekly classes, Sessional.

#### MS205 Elements of Probability

Dr Straf. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc. final yr.; Dip. Systems Analysis & Design. **Syllabus** Definitions and rules of probability; Bayes theorem; random variables and expectation; discrete and continuous distributions; simple stochastic processes. **Recommended reading** A. M. Arthurs, *Probability Theory*; L. L. Lapin, *Statistics for Modern Business Decisions*; T. H. Wonnacott and R. J. Wonnacott, *Introductory Statistics*.

#### MS205(a) Elements of Probability Class

Nine classes, Michaelmas Term.

#### MS206 Probability and Distribution Theory

Professor Hajnal and Dr C. S. Smith. Thirty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. **Syllabus** Sample spaces. Definitions and rules of probability. Conditional probability. Independence. Random variables and calculus of expectations.

Frequency-generating functions. Bernoulli trials. Binomial, negative binomial, Poisson, hypergeometric, multinomial distributions. Distribution and density functions. Exponential and uniform distributions. Moments, cumulants and their generating functions. Distributions of sums. Weak law of large numbers and Central Limit theorem. Change of variables technique. Beta and gamma distributions. Distributions associated with the normal, including F,  $\chi^2$ , t and the bivariate normal.

**Recommended reading** A. M. Mood, F. A. Graybill and D. C. Boes, *Introduction to the Theory of Statistics* (3rd edn.); R. V. Hogg and A. T. Craig, *Introduction to Mathematical Statistics* (3rd edn.); P. L. Meyer, *Introductory Probability and Statistical Applications*; B. W. Lindgren, *Statistical Theory* (3rd edn.); W. Feller, *An Introduction to Probability Theory and its Applications* (Vol. 1).

#### MS206(a) Probability and Distribution Theory Class

Professor Hajnal and Dr C. S. Smith. Twenty classes, Sessional.

#### MS207 Estimation and Tests

Dr Straf. Ten lectures, Lent Term. For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; Dip. Stats.

**Syllabus** Criteria of estimation: consistency, unbiasedness, efficiency, minimum variance. Sufficiency. Maximum likelihood estimation and its properties. Confidence intervals. Tests of simple hypotheses.

**Recommended reading** B. W. Lindgren, *Statistical Theory* (3rd edn.); R. V. Hogg and A. T. Craig, *Introduction to Mathematical Statistics* (3rd edn.); A. M. Mood, F. A. Graybill and D. C. Boes, *Introduction to the Theory of Statistics* (3rd edn.); M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II (chaps. 17, 18, 22).

#### MS207(a) Estimation and Tests Class

Lecturer to be announced. Five classes, Lent and Summer Terms.

**MS208 Statistical Methods (Second Year)**

Mr Balmer. Fifteen lectures, Lent and Summer Terms. For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 2nd yr.

**Syllabus** Simple linear regression, multiple linear regression, curvilinear regression, general theory of the linear model. Analysis of variance for the one-way classification. Multiple comparisons, the two-way cross-classification, the Latin square. Tests of model specification including tests of goodness of fit. Robustness.

**Recommended reading** N. R. Draper and H. Smith, *Applied Regression Analysis*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II; K. A. Brownlee, *Statistical Theory and Methodology in Science and Engineering*; G. W. Snedecor and W. G. Cochran, *Statistical Methods*.

**MS208(a) Statistical Methods Class (Second Year)**

Mr Balmer. Fifteen classes, Lent and Summer Terms.

**MS209 Statistical Methods (Third Year)**

Dr Knott and Miss S. A. Brown. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 3rd yr.

**Syllabus** Further theory of regression and analysis of variance, analysis of covariance. Contingency tables. Topics in experimental design. Distribution-free methods. Elementary multivariate methods.

**Recommended reading** K. A. Brownlee, *Statistical Theory and Methodology in Science and Engineering*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vols. II and III; J. Hajek, *Nonparametric Statistics*; R. L. Plackett, *The Analysis of Categorical Data*.

**MS209(a) Statistical Methods Class (Third Year)**

Dr Knott and Miss S. A. Brown. Fifteen classes, Michaelmas and Lent Terms.

**MS210 Sample Survey Theory**  
Professor Stuart. Ten lectures, Michaelmas Term.

For Dip. Stats.; B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog., Maths., Stats., Comp., Act. Sci. 3rd yr.; Optional for M.Sc.

Further treatment of sample survey theory is provided in Course MS262.

**Syllabus** Simple random sampling; stratification; multi-stage sampling. Optimum allocation for given cost function. Selection with unequal probabilities.

**Recommended reading** W. G. Cochran, *Sampling Techniques*; L. Kish, *Survey Sampling*; M. H. Hansen, W. N. Hurwitz and W. G. Madow, *Sample Survey Methods and Theory*; F. Yates, *Sampling Methods for Censuses and Surveys*; A. Stuart, *Basic Ideas of Scientific Sampling*; M. R. Sampford, *An Introduction to Sampling Theory*.

**MS211 Sample Survey Applications**

Miss Reid. Ten lectures, Lent Term.

For Dip. Stats.; B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog., Maths., Stats., Comp., Act. Sci. 3rd yr.

**MS212 Further Statistical Theory**

Professor Hajnal and Dr Knott. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog., Maths., Stats., Comp., Act. Sci. 3rd yr.

**Syllabus** Order statistics, mixtures of distributions, Poisson processes. Minimum-variance estimation including Rao-Blackwell theorem, completeness, exponential families of distributions, sequential analysis, asymptotic relative efficiency.

**Recommended reading** R. V. Hogg and A. T. Craig, *Introduction to Mathematical Statistics*; W. Feller, *An Introduction to Probability Theory and its Applications*, (Vol. 1); M. Fisz, *Probability Theory and Mathematical Statistics*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vols. I and II; A. M. Mood, F. A. Graybill and D. C. Boes, *Introduction to the Theory of Statistics* (3rd edn.).

**MS212(a) Further Statistical Theory Class**

Professor Hajnal and Dr Knott. Ten classes, Michaelmas and Lent Terms.

**MS213 Economic Statistics**

Professor Sir Roy Allen and Dr Dougherty. Twenty-six lectures, Sessional.

For B.Sc. (Econ.) Part II.

**(i) National Income Accounting**

Professor Sir Roy Allen. Five lectures, Michaelmas Term.

**Syllabus** An introduction to the main sources of macro-economic statistics. National income accounting: conceptual framework and methods of estimation. Index numbers.

**Recommended reading** E. Devons, *An Introduction to British Economic Statistics*; U.K. Central Statistical Office, *New Contributions to Economic Statistics*; *Economic Trends* (monthly); *National Income and Expenditure* (annual); *United Kingdom Balance of Payments* (annual); *National Accounts Statistics, Sources and Methods* (1968 edn.); W. Beckerman, *An Introduction to National Income Analysis*; R. J. Nicholson, *Economic Statistics and Economic Problems*; R. G. D. Allen, *Statistics for Economists*.

**(ii) Statistical Theory and Applications**

Dr Dougherty. Seventeen lectures, Sessional, beginning in the sixth week of the Michaelmas Term.

**Syllabus** Elementary probability theory. The normal distribution and t-distribution. Confidence intervals. Tests of association: the chi-squared statistic and the correlation coefficient. Simple and multiple regression analysis. Misspecification bias. Dummy variables. Multicollinearity. Serial correlation. Heteroscedasticity. Errors in variables. The identification problem. Demand analysis. Surveys of the empirical literature on aggregate consumption and production functions. **Recommended reading** J. J. Thomas, *An Introduction to Statistical Analysis for Economists*.

**(iii) International Trade and the Balance of Payments**

Professor Sir Roy Allen. Four lectures, Summer Term.

**Syllabus** International trade in goods and services. Indices of prices and volume of trade; the terms of trade. The U.K. balance of payments and its relation to the national income accounts.

**Recommended reading** U.K. Central Statistical Office, *United Kingdom Balance of Payments* (annual) and other sources specified during the course.

**MS213(a) Economic Statistics Classes**

Sessional, beginning in the second week of the Michaelmas Term.

**MS214 Econometric Theory**

Dr Hendry and Dr Wills.

(i) Ten lectures, Michaelmas Term for Second-year Students.

(ii) Thirty lectures, Michaelmas and Lent Terms for Third-year Students.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; Dip. Stats.

**Syllabus** Multiple regression, generalised least squares, linear stochastic models and identification, two and three stage least squares, limited and full information maximum likelihood estimates.

**Recommended reading** J. Johnston, *Econometric Methods*; J. Stewart, *Understanding Econometrics*; H. Theil, *Principles of Econometrics*.

**MS214(a) Econometric Theory Classes**

Twenty Classes.

**MS215 Survey Methodology**

Mrs Spitz. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog., Maths., Stats., Comp., Act. Sci. 3rd yr.; Dip. Stats.

**Syllabus** Problems associated with the planning and execution of sample surveys with specific reference to social investigations. Sample design; methods of data collection; response and non-response errors; sampling frames.

**Recommended reading** C. A. Moser and

G. Kalton, *Survey Methods in Social Investigation*; L. Kish, *Survey Sampling*; H. M. Blalock, *An Introduction to Social Research*; L. Festinger and D. Katz, *Research Methods in the Behavioural Sciences*; W. J. Goode and P. K. Hatt, *Methods in Social Research*.

**MS215(a) Survey Methodology Class**

Mrs Spitz. Five classes, Michaelmas Term.  
For Dip. Stats.

**MS216(i) Social Statistics**

Dr Phillips and Mrs Spitz. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 3rd yr., Geog. 3rd yr.; Dip. Stats.  
**Syllabus** Experimental and quasi-experimental designs in the social sciences. Retrospective and longitudinal studies. Attitude Measurement. The use of social indicators and their measurement.

**Recommended reading** C. A. Moser and G. Kalton, *Survey Methods in Social Investigation*; C. Sellitz *et al*, *Research Methods in Social Relations*; H. M. Blalock, *An Introduction to Social Research*; A. Bradford Hill, *Statistical Methods in Clinical and Preventive Medicine*; J. W. B. Douglas, *The Home and the School*; A. Schonfield and S. Shaw, *Social Indicators and Social Policy*; H.M.S.O., *Social Trends*; United Nations Report on International Definition and Measurement of Standards and Levels of Living.

**MS216(i)(a) Social Statistics Class**

Dr Phillips and Mrs Spitz. Ten classes, Michaelmas and Lent Terms.

**MS216(ii) Social Statistics**

Professor Bartholomew and Miss Reid. Twenty lectures, Michaelmas and Lent Terms.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Geog. 3rd yr.  
**Syllabus** The application of multivariate analysis to data from social investigations. Statistical problems in the analysis of labour turnover and social mobility.

**Recommended reading** J. A. Sonquist, *Multivariate Model Building*; M. G. Kendall, *A Course in Multivariate Analysis*; P. F. Lazarsfeld and N. W. Henry, *Latent Structure Analysis*; R. Boudon, *Mathematical Structures of Social Mobility*.

**MS216(ii)(a) Social Statistics Class**

Professor Bartholomew. Ten classes, Michaelmas and Lent Terms.

**MS217 Compound Interest**

Mr N. H. Carrier. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc. prelim. and final yrs.  
**Syllabus** An introduction to the annuity certain, valuation of redeemable securities, sinking funds; the determination of interest rates in given transactions and continuous growth.

**Recommended reading** D. W. A. Donald, *Compound Interest and Annuities Certain*; W. L. Hart, *Mathematics of Investment*.

**MS218 Actuarial Investigations I: Statistical and Financial**

Mr Dyson. Twenty-five hours, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 2nd yr.  
**Syllabus** Basic Principles of compound interest. The annuity certain; valuation of securities. Capital redemption policies. Determination of the rate of interest in a given transaction. The determination of decremental and other rates; exposed to risk formulae. Introduction to multiple decrement and service tables. Comparison of mortality and other experiences.

**Recommended reading** A. H. Pollard, *An Introduction to the Mathematics of Finance*; D. W. A. Donald, *Compound Interest and Annuities Certain*; B. Benjamin and H. W. Haycocks, *The Analysis of Mortality and Other Actuarial Statistics*. Optional, P. R. Cox, *Demography*.

**MS218(a) Actuarial Investigation I: Statistical and Financial Classes**

Mr H. Karsten. Ten classes. Fortnightly, Michaelmas and Lent Terms.

**MS219 Actuarial Investigations II: Statistical and Financial**

Mr Dyson. Twenty-five hours, Sessional.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 3rd yr.  
**Syllabus** Further compound interest, including cumulative sinking funds. The effects of taxation on the valuation of securities. The matching of assets and liabilities by term. Graduation. English life and other standard mortality tables. Population projections. Applications of actuarial techniques to non-life insurance. Students will be expected to have attended Course MS218.

**Recommended reading** D. W. A. Donald, *Compound Interest and Annuities Certain*; B. Benjamin and H. W. Haycocks, *The Analysis of Mortality and Other Actuarial Statistics*; Registrar General's Decennial Supplement (Life Tables) 1961; Continuous Mortality Investigation Reports No. 1; optional P. R. Cox, *Demography*.

**MS219(a) Actuarial Investigations II: Statistical and Financial Classes**

Mr H. Karsten. Ten classes. Fortnightly, Michaelmas and Lent Terms.  
Optional for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Stats., Maths., Comp., Act. Sci.

**MS220 Actuarial Life Contingencies**

Mr H. Karsten. Two lectures a week, Lent and Summer Terms.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.  
**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 and contributions for sickness benefit, pension benefits, disability and widows' and orphans benefits.  
**Recommended reading** will be given at the beginning of the course.

**MS220(a) Actuarial Life Contingencies Class**

Mr H. Karsten. Ten classes.

**STATISTICS GRADUATE COURSES**

**MS250 Advanced Probability and Stochastic Processes**

Professor Hajnal and Dr Knott. Forty lectures, Michaelmas and Lent Terms.  
For M.Sc.  
**Syllabus** Measure spaces. Random variables. Independence. Expected values. Characteristic functions. Sequences of distribution and characteristic functions. Limit theorems including the central limit theorem. Renewal processes. Markov chains and processes. Martingales.  
**Recommended reading** L. E. Clarke, *Random Variables*; B. V. Gnedenko, *The Theory of Probability*; P. Whittle, *Probability*; C. R. Heathcote, *Probability*; S. Karlin and H. M. Taylor, *A first course in Stochastic Processes*; S. M. Ross, *Applied Probability Models with Optimization Applications*.

**MS250(a) Advanced Probability and Stochastic Processes Class**

Professor Hajnal and Dr Knott. Fifteen classes, Michaelmas and Lent Terms.

**MS251 Markov Chains and Processes**

Professor Hajnal. Twenty-two hours, Sessional.  
For M.Sc.  
**Syllabus** Markov chains with finite number of states in discrete and continuous time. Poisson process.

**MS252 Further Distribution Theory**

Professor Stuart. Ten lectures, Lent and Summer Terms.  
For M.Sc.  
**Syllabus** Distribution theory of quadratic forms in normally distributed random variables. Non-central  $\chi^2$ , F and t distributions and their properties.  
**Recommended reading** M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. I, chap. 15, Vol. II, chap. 24, Vol. III, chap. 35; H. Cramér, *Mathematical Methods of Statistics*; S. S. Wilks, *Mathematical Statistics*.



### MS253 Statistical Inference

Professor Stuart. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

**Syllabus** Estimation theory. Unbiasedness, minimum variance, sufficiency, completeness, maximum likelihood. Bayesian Methods. The theory of testing hypotheses. Confidence intervals.

**Recommended reading** M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vols. II and III; H. Cramér, *Mathematical Methods of Statistics*; E. L. Lehmann, *Testing Statistical Hypotheses*; D. V. Lindley, *Introduction to Probability and Statistics*; C. R. Rao, *Linear Statistical Inference and its Applications*.

### MS253(a) Statistical Inference Class

Professor Stuart. Five classes.

### MS254 Multivariate Analysis

Dr C. S. Smith and Mr H. Karsten. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

**Syllabus** Multiple regression analysis. Component analysis. Discriminant analysis. Canonical analysis. Multivariate analysis of variance. Factor analysis. Cluster analysis. Multi-Dimensional scaling.

**Recommended reading** M. G. Kendall, *Multivariate Analysis*; H. Seal, *Multivariate Statistical Analysis for Biologists*.

### MS255 Ranking and Other Distribution-Free Methods

Dr Knott. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.

**Syllabus** The rationale and efficiency of ranking and distribution-free methods. Two sample and k-sample rank tests. Randomisation tests. Rank correlation and tests of independence. Tests of randomness. Intervals for population percentiles. Tolerance intervals for a distribution. Distribution-free inference based on the sample distribution-function. Distribution-free procedures in inference under order restrictions. Goodness of fit.

**Recommended reading** M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II, chaps. 30, 31 and 32; J. Hajek, *Nonparametric Statistics*; J. Hajek and I. Sidak, *The Theory of Rank*

*Tests*; M. Hollander and D.A. Wolfe, *Nonparametric Statistical Methods*; M. G. Kendall, *Rank Correlation Methods*.

### MS256 Analysis of Categorical Data

Professor Stuart.

Ten lectures, Lent and Summer Terms.

For M.Sc.

**Syllabus** Measurement of association in unordered and ordered two-way tables. Canonical correlations, three-way tables, interactions. Models for tables. **Recommended reading** M. G. Kendall and A. Stuart, *Advanced Theory of Statistics*, Vol. II, chap. 33; R. L. Plackett, *Analysis of Categorical Data*; Y. M. Bishop, S. E. Fienberg and P. W. Holland, *Discrete Multivariate Analysis: Theory and Practice*.

### MS257 Basic Time-Series Analysis

Mr Godolphin. Two hours per week, Michaelmas Term.

For M.Sc.

**Syllabus** Basic structure of time series. Stationarity. Autocorrelation. Autoregressive-moving average models. Analysis in the frequency domain. Spectrum and spectral representation. Effect of linear filtering on autocorrelation function and spectrum. Effects of autocorrelation on regression analysis. Tests of serial independence.

**Recommended reading** M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. III; E. J. Hannan, *Time Series Analysis; Multiple Time Series*; C. W. J. Granger and M. Hatanaka, *Spectral Analysis of Economic Time Series*; E. Malinvaud, *Statistical Methods of Econometrics*; G. S. Fishman, *Spectral Methods in Econometrics*; G. M. Jenkins and D. G. Watts, *Spectral Analysis and its Applications*; T. W. Anderson, *The Statistical Analysis of Time Series*; P. J. Dhrymes, *Econometrics*.

### MS258 Further Time-Series Analysis

Lecturer to be announced.

Two hours per week, Lent Term.

For M.Sc.

**Syllabus** Periodogram and spectrum. Tests of serial independence in the frequency domain. Estimation of spectrum. Cross-spectral methods. Fitting

of time-series models. Regression analysis of time-series data.

**Recommended reading** as for Course MS257.

### MS259(i) Advanced Social Statistics

Mrs Spitz. Ten lectures, Michaelmas Term.

For M.Sc.

**Syllabus** Experimental and quasi-experimental designs in the social sciences. Retrospective investigations, longitudinal studies and the analysis of explanatory surveys.

**Recommended reading** D. T. Campbell and J. C. Stanley, *Experimental and Quasi-experimental Designs in Social Research*; C. A. Moser and G. Kalton, *Survey Methods in Social Investigation*; E. J. Webb *et al*, *Unobtrusive Measures*; C. W. Harris, *Problems in Measuring Change*.

### MS259(ii) Advanced Social Statistics

Dr Straf. Ten lectures, Michaelmas Term.

For M.Sc.

**Syllabus** Analysis of cross-classified data, measures of association.

**Recommended reading:** To be announced at the beginning of the course.

### MS260 Models for Education and Manpower Planning

Professor Bartholomew. Ten lectures, Lent Term.

For M.Sc.

**Syllabus** The statistical analysis of labour turnover, Markov chain and renewal theory models for manpower forecasting and control, simulation models.

**Recommended reading** D. J. Bartholomew (Ed.), *Manpower Planning*; H. C. White, *Chains of Opportunity*; A. R. Smith, *Models of Manpower Systems*; D. J. Bartholomew and B. R. Morris (Eds.), *Aspects of Manpower Planning*.

### MS260(a) Models for Education and Manpower Planning Class

Professor Bartholomew. Five classes, Lent Term.

### MS261 Stochastic Models for Social Processes

Professor Bartholomew. Ten lectures, Lent Term.

For M.Sc.

**Syllabus** Models for durations, open and closed Markov models for social and occupational mobility, models for the diffusion of news and rumour.

**Recommended reading** D. J. Bartholomew, *Stochastic Models for Social Processes* (2nd edn.); R. Boudon, *Mathematical Structures of Social Mobility*; J. C. Kemeny and L. Snell, *Mathematical Models in the Social Sciences*.

### MS262 Further Sample Survey Theory and Methods

Dr Straf. Twenty lectures, Michaelmas and Lent Terms.

**Note** This course presupposes attendance at Course MS210.

For M.Sc.

**Syllabus** Stratification, controlled selection. Multistage sampling. Area sampling. Multiphase sampling. Selection with unequal probabilities. Ratio and regression estimates. Domains of study. Panel studies. Nonsampling errors.

**Recommended reading** L. Kish, *Survey Sampling* (2nd edn.); W. G. Cochran, *Sampling Techniques* (2nd edn.); M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. III (chaps. 39 and 40); W. E. Deming, *Sample Design in Business Research*; F. Yates, *Sampling Methods for Censuses and Surveys*; M. H. Hansen, W. N. Hurwitz and W. G. Madow, *Sample Survey Methods and Theory*; D. Raj, *Sampling Theory*; P. V. and B. V. Sukhatme, *Sampling Theory of Surveys with Applications*.

### MS262(a) Further Sample Survey Theory and Methods Class

Dr Straf. Eight classes, Lent and Summer Terms.

### MS263 Foundations of Sampling Theory

Mr Balmer. Seven lectures, Lent and Summer Terms.

For M.Sc.

**Syllabus** Problems of inference when sampling from finite populations. Superpopulation model. Bayesian estimation.

**Recommended reading** B. de Finetti, *Probability, Induction and Statistics*; V. P. Godambe and D. A. Sprott (Eds.), *Foundations of Statistical Inference*.

### MS264 Survey Design, Execution and Analysis

Miss Reid. Twenty lectures, Michaelmas and Lent Terms. For M.Sc.

**Syllabus** Problems of measurement and scaling; attitude measurement; questionnaire design. Strategies and methods of data collection. Response errors; structure of interviewer effect. Data editing. Analysis of multivariate survey data.

### MS265 Statistical Aspects of Educational Planning

Dr Phillips. Ten lectures, Michaelmas Term.

Whole course for M.Sc.

First five lectures for Dip. Stats.

**Syllabus** Criteria for establishing priorities in planning in advanced and developing countries. Methods of forecasting the demand for education, and the demand and supply of teachers. Methods of forecasting manpower requirements. The analysis of educational expenditures. Computable models of the educational system.

**Recommended reading** M. Blaug, "Approaches to Educational Planning" (*The Economic Journal*, June 1967); C. A. Moser, P. R. G. Layard, "Planning the Scale of Higher Education in Britain: Some Statistical Problems" (*Journal of the Royal Statistical Society*, Series A, 4, 1964); O.E.C.D., *Mathematical Models in Educational Planning*; G. Orcutt and others, *Microanalysis of Socioeconomic Systems—A Simulation Study*, especially chaps. 1, 2, 3, 8, 9, 10, 13; H. S. Parnes, *Forecasting Educational Needs for Economic and Social Development*, chaps. 1-5; A. Peacock, J. Wiseman, S. Harris, *Financing of Education for Economic Growth*, chaps. 6 and 7; *The Robbins Report*, Appendix One, Part IV; R. Stone, "Input-Output and Demographic Accounting: A Tool for Educational Planning" (*Minerva*, Spring 1966); J. Tinbergen and others, *Econometric Models of Education: Some Applications*; U.S. Department of Health, Education and Welfare, *Equality of Educational Opportunity*; *Ninth Report of the National Advisory Council for the Training and Supply of Teachers*, especially Part I.

### MS265(a) Statistical Aspects of Educational Planning Class

Dr Phillips. Fortnightly classes of two hours, Michaelmas and Lent Terms.

For M.Sc.

### MS266 Fortran Programming (Statistics)

Miss S. A. Brown. Last week, Summer vacation.

For M.Sc.: Statistics.

Dip. Stats. students should take either this course or Course MS305 (a) or (b).

**Recommended reading:** D. D. McCracken, *A Guide to Fortran IV Programming*.

### MS267 Statistical Analysis Practical Class

Miss S. A. Brown. Ten classes, Michaelmas Term.

For M.Sc.

Fortran computer language will be used.

### MS268 Further Statistical Methods

Dr Phillips. Michaelmas and Lent Terms.

For M.Sc. It will be assumed that students have a knowledge of statistics to the standard of Course MS202.

**Syllabus** Nonparametric and distribution free techniques, analysis of variance and covariance for various experimental designs. Multiple correlation and regression. Some multivariate procedures. **Recommended reading** H. M. Blalock, *Social Statistics*; S. Siegel, *Nonparametric Statistics for the Behavioural Sciences*; J. Hajek, *Nonparametric Statistics*; T. Yamane, *Statistics, an Introductory Analysis*; W. L. Hays, *Statistics*; D. R. Cox, *Planning of Experiments*; A. L. Edwards, *Statistical Methods*; O. Dunn and V. Clark, *Applied Statistics*; J. Conover, *Practical nonparametric Statistics*.

### MS268(a) Further Statistical Methods Class

Dr Phillips. Ten classes, Lent Term.

### MS269 Statistical Theory

Dr C. S. Smith. Sessional.

**Whole course** for M.Sc.: *Statistical Theory*; Dip. Stats. students who already have a knowledge of statistics

need not attend until the fourth week of the Michaelmas Term. **Selected lectures only** for M.Sc.: *Operational Research II*. **Syllabus** Probability and distribution theory, estimation theory, regression, analysis of variance and general linear models.

**Recommended reading** M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. I; P. G. Hoel, *Introduction to Mathematical Statistics*; O. L. Davies, *Statistical Methods in Research and Production*; N. R. Draper and H. Smith, *Applied Regression Analysis*.

### MS269(a) Statistical Theory Class

Dr C. S. Smith. Twenty classes, Michaelmas and Lent Terms.

### MS270 M.Sc. Project Seminar

Mr Balmer and others.

Fifteen seminars, Michaelmas and Lent Terms.

For M.Sc.; Dip. Stats.

### MS271 Joint Statistics Seminar

Seminars on statistical theory and its applications will be held in conjunction with Birkbeck College, Imperial College and University College throughout the session. Further information about the seminar may be obtained from Professor Bartholomew or Professor Hajnal.

### MS272 Advanced Lectures on Special Topics in Statistics

Short courses of lectures on special topics in statistical research will be given on Friday afternoons throughout the session immediately following the Joint Statistics Seminar. These lectures are intended for research students and staff members and are held in conjunction with Birkbeck College, Imperial College and University College. Further information may be obtained from Professor Bartholomew or Professor Hajnal.

## COMPUTING AND OPERATIONAL RESEARCH UNDERGRADUATE COURSES

### MS300 Computing for Psychologists

Mr Wakeford. Five lectures, Michaelmas Term.

For B.Sc. c.u. main field Soc. Psych.; M.Sc.

**Syllabus** An Introduction to the use of computers in social science applications. **Recommended reading** N. H. Nie, C. H. Hall, J. G. Jenkins, K. Steinbrenner and D. H. Brent, *Statistical Package for the Social Sciences*; D. J. Veldman, *Fortran Programming for the Behavioural Sciences*.

### MS301 Computer Appreciation

Professor Douglas, Mr Land, Mr Davenport, Mr Stamper and Dr Waters. Ten lectures, Lent Term.

For B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Act. Sci. 1st yr.

**Syllabus** An introduction to computers and computer applications. Computers and the social sciences.

**Recommended reading** K. Grindley and J. Humble, *The Effective Computer*; A. Vazsonyi, *Introduction to Electronic Data Processing*; R. Hunt and J. Shelley, *Computers and Common Sense*.

### MS301(a) Computer Appreciation Class

Professor Douglas, Mr Land, Mr Davenport, Mr Stamper and Dr Waters. Ten classes, Lent Term.

### MS302 Introduction to Computers: Basic Concepts

Mr F. F. Land. Ten lectures, Michaelmas Term.

For B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; M.Sc. final yr.

**Syllabus** An introduction to computers and computer applications.

**Recommended reading** C. O. Elliot and R. S. Wasley, *Business Information Processing Systems*; A. Daniels and D. Yeates, *Basic Training in Systems Analysis*; T. E. Hull, *Introduction to Computing*; S. H. Hollingdale and G. C. Tootill, *Electronic Computers*; R. W. Brightman, B. J. Luskin and T. Tilton, *Data Processing for Decision-making*;

A. Vazsonyi, *Introduction to Electronic Data Processing*; R. Hunt and J. Shelley, *Computers and Common Sense*; R. A. Cunningham-Green, *Computers in Context*.

**MS302(a) Introduction to Computers: Basic Concepts, Class**  
Five classes, Michaelmas Term.

**MS303 Introduction to Computing**  
Dr Waters. Forty lectures and seminars, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 2nd yr.; M.Sc.; Dip. Stats.

**Syllabus** Computer hardware; central processing unit and peripheral devices. Computer software; loaders, assemblers, compilers, utilities and operating systems. Methodology of programming; problem formulation and coding in machine assembly and high-level languages (including FORTRAN and COBOL).

**Recommended reading** R. Hunt and J. Shelley, *Computers and Common Sense*; S. H. Hollingdale and G. C. Tootill, *Electronic Computers*; A. I. Forsythe, T. A. Keenan, E. I. Organick and W. Stenberg, *Computer Science*; D. D. McCracken, *A Guide to COBOL Programming*; J. Martin, *Programming Real-Time Computer Systems*; MacDonald Computer Monographs, Selected papers.

**MS304 Fortran IV**

Ten video tape lectures supervised by Miss Hewlett. Michaelmas Term.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 2nd yr.; Dip. Stats.

**Syllabus** The syntax of the Fortran IV programming language.

**Recommended reading** C. Day, *A London Fortran Course*; D. D. McCracken, *A Guide to Fortran IV Programming*.

**MS304(a) Fortran IV Class**

Miss Hewlett, Mr Dalby, Mr R. Martin and others. Ten classes, Michaelmas Term.

**MS305 Fortran Programming (General)**

The video tape lectures, "A London FORTRAN Course", supervised

by members of the Computer Services Unit.

The course will be given several times during the session.

(a) Course lasting five days. Christmas vacation.

(b) Course lasting five days. Easter vacation.

**Recommended reading** C. Day, *A London Fortran Course*; D. D. McCracken, *A Guide to Fortran IV Programming*.

**MS306 Introduction to a Systems Life Cycle**

Mr F. F. Land. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; M.Sc. prelim. and final yrs; Dip. Systems Analysis & Design.

**Syllabus** Identification and description of problem. Feasibility studies. Analysis and design of computer based systems.

Specification. Programming and implementation. Maintenance and development.

**Recommended reading** K. Grindley and J. Humble, *The Effective Computer*; R. J. Benjamin, *Information System Development Cycle*; J. C. Emery, *Cost Benefit Analysis of Information Systems*; E. Mumford and A. Pettigrew, *Implementing Strategic Decisions*; A. Chandor, *Choosing and Keeping Computer Staff*.

**MS306(a) Introduction to a Systems Life Cycle, Undergraduate Class**

Mr F. F. Land. Five classes, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.

**MS306(b) Introduction to a Systems Life Cycle, Graduate Class**

Mr F. F. Land. Five classes, Michaelmas Term.

For M.Sc.; Dip. Systems Analysis & Design.

**MS307 Computer Applications**

Dr Waters. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 3rd yr.; M.Sc.

**Syllabus** Computer applications in commerce, production and administration.

**Recommended reading** S. J. Waters, *Systems Definition*, Selected papers.

**MS308 Basic Programming**

Mr Dalby. Ten lectures, Michaelmas Term.

For B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Act. Sci. 1st yr.

**Syllabus** The use of teletype terminals with the Basic Programming language.

**Recommended reading** E. D. Meyers, Jr., *Time Series Computations in the Social Sciences*; Kemeny and Kurtz, *Basic Programming*.

**MS308(a) Basic Programming Class**

Mr Dalby. Michaelmas Term.

**MS309 Data Processing Methods**

Mr F. F. Land. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; M.Sc.; Dip. Systems Analysis & Design.

**Syllabus** Data capture and data transmission. System protection and error recovery. Coding systems.

**Recommended reading** R. H. Gregory and R. L. Van Horn, *Business Data Processing and Programming*; H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications*; A. Daniels and D. Yeates, *Basic Training in Systems Analysis*; R. R. Arnold, H. C. Hill and A. V. Nichols, *Introduction to Data Processing*; H. D. Clifton, *Systems Analysis for Business Data Processing*; H. D. Clifton and T. Lucey, *Accounting and Computer Systems*; J. Martin, *Telecommunications and the Computer*; F. W. McFarlan, F. Warren, R. C. Nolan and D. P. Norton, *Information Systems Administration*; T. Gibbons, *Integrity and Recovery in Computer Systems*.

**MS309(a) Data Processing Methods, Undergraduate Class**

Mr F. F. Land. Five classes, Lent Term.

For B.Sc. (Econ.) Part II.

**MS309(b) Data Processing Methods, Graduate Class**

Mr F. F. Land. Five classes, Lent Term.

For M.Sc.

**MS310(i) Systems Analysis Methodology**

Mr F. F. Land. Eight lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths., Stats., Comp., Act. Sci. 3rd yr.; M.Sc.; Dip. Systems Analysis & Design.

**Syllabus** Definition of the programming problem. Some solutions: High level languages, application packages, generalised programs, database management systems, programming organisation and practice, computer utilities, data-banks.

**Recommended reading** J. M. Weinberg, *The Psychology of Computer Programming*; C. J. Date, *An Introduction to Data Base Systems*; J. E. Sammet, *Programming Languages: History and Fundamentals*; C. B. Grindley and J. Humble, *The Effective Computer*; J. C. Emery, *Cost Benefit Analysis of Information Systems*; J. D. Aron, *The Programming Development Process*; M. J. Jackson, *Principles of Program Design, Datamation; ACM Computing Surveys; EDP Analyser*.

**MS310(ja) Systems Analysis Methodology, Undergraduate Class**

Mr F. F. Land. Five classes, Lent Term.

**MS310(ib) Systems Analysis Methodology, Graduate Class**

Mr F. F. Land. Five classes, Lent Term.

**MS310(ii) Systems Analysis Methodology**

Mr Stamper. Seven lectures, Lent Term.

For B.Sc. (Econ.) Part II, B.Sc. c.u. main field Maths., Stats., Comp., Act. Sci. 3rd yr.

**Syllabus** Analysis and synthesis of information systems. Description of systems and complex procedures, including computer aided methods, evaluation, implementation and maintenance of systems incorporating computer.  
**Recommended reading** J. D. Cougar and R. W. Knapp, *Systems Analysis Techniques*; R. K. Stamper, *Information*; H. D. Clifton, *Systems Analysis for Business Data Processing*; A. Chandor, J. Graham

and R. Williamson, *Practical Systems Analysis*; A. D. Hall, *A Methodology for Systems Engineering*; W. T. Singleton, *Man-Machine Systems*; C. B. Randall and S. W. Burgley, *Systems and Procedures for Business Data Processing*; D. H. Brendon, *Management Standards for Data Processing*; *Datamation*; *ACM Computing Surveys*; *EDP Analysis*.

**MS310(ii)a Systems Analysis Methodology, Undergraduate Class**  
Mr Stamper. Five classes, Lent Term.

**MS310(iii) Systems Analysis Methodology**  
Mr Stamper. Seven lectures, Lent Term.  
For M.Sc.; Dip. Systems Analysis & Design.  
**Syllabus** Analysis and synthesis of information systems. Description of systems and complex procedures, including computer aided methods, evaluation, implementation and maintenance of systems incorporating computer.

**MS310(iii)a Systems Analysis Methodology, Graduate Class**  
Mr Stamper. Five classes, Lent Term.

**MS311 Computer Systems Design**  
Dr Waters. Twenty lectures and seminars, Michaelmas and Lent Terms.  
Michaelmas Term only for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; Dip Stats. Whole course for M.Sc.; Dip. Systems Analysis & Design.

**Syllabus** Methodology of designing program and file organizations for batch and real-time systems.  
**Recommended reading** H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications*; D. D. McCracken, *A Guide to COBOL Programming*; J. Martin, *Design of Real-Time Computer Systems*; S. J. Waters, *Introduction to Computer Systems Design*; B. Langefors, *Theoretical Analysis of Information Systems*.

**MS312 Numerical Methods**  
Professor Douglas and others.  
Forty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; Dip. Stats.  
**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, including steepest descent, gradient and related methods and elementary linear programming.  
**Note** It will be assumed that students have attended Course MS304 or MS305.  
**Recommended reading** S. D. Conte, *Elementary Numerical Analysis*; J. M. Hammersley and D. C. Handscomb, *Monte Carlo Methods*; T. H. Naylor *et al*, *Computer Simulation Techniques*; L. R. Carter and E. Huzan, *A Practical approach to Computer Simulation in Business*; W. Murray (Ed.), *Numerical Methods for Unconstrained Optimization*.

**MS312(a) Numerical Methods Class**  
Miss Hewlett. Twenty-five classes, Sessional.

**MS313 Elements of Management Mathematics**  
Mr Rosenhead and Dr Powell.  
Twenty lectures, Michaelmas and Lent Terms.  
For B.Sc. (Econ.) Part II; M.Sc.; Dip. Systems Analysis & Design.  
**Syllabus** This introduction to mathematical techniques applied to problems of decision-making in business, industry and government. Topics treated will include: vectors and matrices, linear programming, game theory, critical path analysis, production scheduling, decision trees, dynamic programming, Markov chains, replacement theory, stock control, queueing theory.

**Recommended reading** J. G. Kemeny, A. Schleifer, J. L. Snell and G. L. Thompson, *Finite Mathematics with Business Applications*; J. C. Turner, *Modern Applied Mathematics*; M. Sasieni, A. Yaspan and L. Friedman, *Operations Research*.

**MS313(a) Elements of Management Mathematics Class**  
Class teachers to be announced.  
Twenty classes, Sessional.

**MS314 Operational Research Techniques**  
Dr Paul and Mr Rosenhead.  
Twenty-five lectures, Sessional.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; Dip. Stats.  
**Syllabus** Theory of games. Decision theory. Markov chains. Replacement. Critical path analysis. Scheduling. Dynamic programming. Inventory control. Queuing theory. Simulation.  
**Recommended reading** M. Sasieni, A. Yaspan and L. Friedman, *Operations Research*; R. L. Ackoff and M. Sasieni, *Fundamentals of Operations Research*; G. H. Mitchell, *Operational Research*; N. A. J. Hastings, *Dynamic Programming with Management Applications*; E. Page, *Queueing Theory in O.R.*

**MS314(a) Operational Research Techniques Class**  
Dr Paul, Mr Rosenhead and others.  
Twenty-five classes, Sessional.

**MS315 Mathematical Programming**  
Dr Powell. Fifteen lectures, Michaelmas and Lent Terms.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; Dip. Stats.  
**Syllabus** This course is intended to acquaint students with the formulation of mathematical programming problems and the properties of their solutions, and to draw attention to their relationship to economic theory. A familiarity with simple matrix algebra will be assumed, and students will be expected to solve problems with the use of library programs on the computer.

**Recommended reading** S. Vajda, *Readings in Linear Programming*; *An Introduction to Linear Programming and the Theory of Games*; R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis*; K. E. Boulding and W. A. Spivey, *Linear Programming and the Theory of the Firm*; D. Smith, *Linear Programming Models in Business*.

**MS315(a) Mathematical Programming Class**  
Dr Powell and others.  
Fifteen classes, Michaelmas and Lent Terms.

## COMPUTING AND OPERATIONAL RESEARCH GRADUATE COURSES

**MS350 Operational Research Methodology**  
Mr Rosenhead. Twelve meetings of one-and-a-half hours, Michaelmas and Lent Terms.  
For M.Sc.; Dip. Systems Analysis & Design.  
**Syllabus** Operational research problems, models and criteria. The practice and context of operational research.  
**Recommended reading** R. L. Ackoff, *Scientific Method: Optimizing Applied Research Decisions*; T. J. Johnson, *Professions and Power*; J. R. Ravetz, *Scientific Knowledge and its Social Problems*.

**MS351 Basic Operational Research Techniques**  
Dr Paul. Ten lectures, Michaelmas Term.  
For M.Sc.; Dip. Systems Analysis & Design.  
**Syllabus** An introduction to stock control, scheduling, queueing theory, replacement, critical path analysis, dynamic programming and simulation.  
**Recommended reading** M. Sasieni, A. Yaspan and L. Friedman, *Operations Research*; R. L. Ackoff and M. Sasieni, *Fundamentals of Operations Research*; F. S. Hillier and G. J. Lieberman, *Introduction to Operations Research, 2nd edition*; G. H. Mitchell, *Operational Research*.

**MS351(a) Basic Operational Research Techniques Class**

Dr Paul and others. Ten classes, Michaelmas Term.

**MS352 Advanced Operational Research Techniques**

Mr Rosenhead and Dr Paul. Fifteen lectures, Lent and Summer Terms.

For M.Sc.

**Syllabus** Replacement theory, scheduling, inventory control, queuing theory, dynamic programming.

**Recommended reading** D. W. Jorgenson, J. J. McCall and R. Radner, *Optimal Replacement Policy*; D. R. Cox and W. L. Smith, *Queues*; E. Page, *Queuing Theory in O.R.*; R. E. Bellman and S. E. Dreyfus, *Applied Dynamic Programming*; N. A. J. Hastings, *Dynamic Programming with Management Applications*; R. W. Conway, W. L. Maxwell and L. W. Miller, *Theory of Scheduling*; F. Hansmann, *Operations Research in Production and Inventory Control*; G. Hadley and T. M. Whitin, *Analysis of Inventory Systems*.

**MS352(a) Advanced Operational Research Techniques Class**

Mr Rosenhead and Dr Paul. Fifteen classes, Lent and Summer Terms.

**MS353 Basic Mathematical Programming**

Dr A. H. Land. Ten lectures, Michaelmas Term.

For M.Sc.; Dip. Systems Analysis & Design.

**Syllabus** 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.

**Recommended reading** K. E. Boulding and W. A. Spivey, *Linear Programming and the Theory of the Firm*; R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis*; S. Vajda, *Readings in Linear Programming*; D. Smith, *Linear Programming Models in Business*.

**MS353(a) Basic Mathematical Programming Class**

Dr Land and others. Ten Classes, Michaelmas Term.

**MS354 Advanced Mathematical Programming**

Dr A. H. Land. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc.

**Syllabus** Basic formulations and theories of mathematical programming, convex point sets, linear and non-linear objective functions. Methods of solution.  
**Recommended reading** S. Zions, *Linear and Integer Programming*; G. Hadley, *Linear Programming*; D. Gale, *The Theory of Linear Economic Models*; G. B. Dantzig, *Linear Programming and Extensions*; R. L. Graves and P. Wolfe (Eds.), *Recent Advances in Mathematical Programming*; A. Land and S. Powell, *Fortran Codes for Mathematical Programming*; S. Vajda, *Theory of Linear and Non-Linear Programming*.

**MS354(a) Advanced Mathematical Programming Class**

Dr Land and others. Sessional.

**MS355 Theory of Games**

Dr Powell. Four lectures, Summer Term.

For M.Sc. Recommended for other graduate students.

**Syllabus** The principles of games theory. Zero-sum two-person games in extended and normal form. The minimax principle and its application. Variable sum games and imperfect competition.

**Recommended reading** J. D. Williams, *The Compleat Strategyst*; R. D. Luce and H. Raiffa, *Games and Decisions*; J. C. C. McKinsey, *Introduction to the Theory of Games*; M. Shubik, *Strategy and Market Structure*; J. von Neumann and O. Morgenstern, *Theory of Games and Economic Behaviour*.

**MS356 Graph Theory**

Dr Paul. Ten lectures, Lent Term.

For M.Sc. Recommended for other graduate students in Operational Research or Statistics.

**Syllabus** Fundamental concepts in graph theory, planar and dual graphs, maximum-minimum problems in networks; matching theory.

**Recommended reading** C. L. Liu, *Introduction to Combinatorial Mathematics*; F. Harary, *Graph Theory*; W. L. Price, *Graphs and Networks*.

**MS356(a) Graph Theory Class**

Dr Paul. Lent Term.

**MS357 Applied Statistics and Forecasting Techniques for Operational Research**

Dr Paul and Mr Rosenhead. Eight lectures, Michaelmas and Summer Terms.

For M.Sc.

**Syllabus** Point and interval estimation. Tests of normal hypotheses. Goodness of fit tests. Linear regression. The moving average and exponential smoothing techniques of forecasting.

**Recommended reading** L. L. Lapin, *Statistics for Modern Business Decisions*; A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics*; R. G. Brown, *Smoothing, Forecasting and Prediction*.

**MS358 Selected Topics in Operational Research**

Mr Rosenhead and others. Fifteen meetings, Michaelmas and Lent Terms.

For M.Sc.; Dip. Systems Analysis & Design.

**Syllabus** Various speakers will present illustrations of the practical applications of operational research techniques. Intended for students having a preliminary acquaintance with the subject.

**Recommended reading** References to current literature will be provided during the course.

**MS359 Operational Research Tutorial Class**

Dr A. H. Land, Mr Rosenhead and Dr Paul. One-day session in the Easter Vacation.

For M.Sc.; Dip. Systems Analysis & Design.

**MS360 Fortran Programming (Operational Research)**

Ms Cairns. Last week, Summer Vacation.

For M.Sc.: Operational Research only.

**Recommended reading** R. S. Ledley, *Fortran IV Programming*; D. D. McCracken, *A Guide to Fortran IV Programming*; C. Day, *London Fortran Course*.

**MS361 Information**

Mr Stamper. Ten meetings, Lent Term.

For M.Sc.; Dip. Systems Analysis & Design.

**Syllabus** Information as signs, signs and behaviour, semantics, syntactics, transmission of signals. Problems in the measurement of information relative to behaviour, relative to a formal language and as variety.

**Recommended reading** C. Cherry, *On Human Communication*; R. K. Stamper, *Information*.

**MS362 Business Information Systems**

Mr Stamper. Fifteen meetings, Lent and Summer Terms.

For M.Sc.; Dip. Systems Analysis & Design.

**Syllabus** Some important information systems and how they vary from one type of organization to another. Information handling functions, communication, information storage and retrieval.

**Recommended reading** J. Dearden, F. W. McFarlan and W. M. Zani, *Management Information Systems*; E. S. Buffa, *Production-Inventory Systems*; C. B. Randall and S. W. Burgly, *Systems and Procedures for Business Data Processing*; L. R. Carzo and J. N. Yanouzas, *Formal Organization*.

**MS363 Basic Systems Analysis**

Professor Douglas and Mr Davenport. Ten lectures, Michaelmas Term.

For M.Sc.

**Syllabus** 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.

**Recommended reading** A. Daniels and D. Yeates, *Basic Training in Systems Analysis*; S. J. Waters, *Introduction to Computer Systems Design*; P. A. Losty, *Effective Use of Computers in Business*.

**MS363(a) Basic Systems Analysis Class**

Five classes, Michaelmas Term.

**MS364 Economics for Operational Research**

Dr Lane. Ten hours, Michaelmas Term.

For M.Sc.

**MS365 Planning and Design Methods**

Mr Rosenhead. Ten lectures, Lent Term.

For M.Sc.

**Syllabus** The internal structure of design problems; the analysis of interconnected decision areas. Uncertainty and inflexibility in planning; rationalism and incrementalism as planning theories; planning as a sequential and social process; robustness as a criterion of a plan's flexibility.

**Recommended reading** C. Alexander, *Notes on the Synthesis of Form*; J. K. Friend and W. N. Jessop, *Local Government and Strategic Choice*; A. Faludi, *A Reader in Planning Theory*.

**MS366 Introduction to Simulation**

Dr Paul. Ten lectures, Lent Term.

For M.Sc.

**Syllabus** Types and uses of simulation models. Random and pseudo-random numbers. Stochastic variate generation. Event and activity sequence and control. Variance reduction. Verification. Simulation languages.

Prerequisite, tenth lecture only of course no. MS351.

**Recommended reading** K. D. Tocher, *The Art of Simulation*; J. M.

Hammersley and D. C. Handscomb, *Monte Carlo Methods*; T. H. Naylor, J. L. Balintfy and D. S. Burdick, *Computer Simulation Techniques*;

G. S. Fishman, *Concepts and Methods in Discrete Event Digital Simulation*;

A. A. B. Pritsker, *The GASP IV Simulation Language*.

**MS367 Topics in Systems Analysis**

Mr Stamper, Mr Davenport and others. Twenty seminars,

Michaelmas and Lent Terms.

For Dip. Systems Analysis & Design.

**Syllabus** System structures, organisation

of systems work, interaction of formal and informal systems, teleprocessing systems, data analysis and database design, formalisation of system definitions, program design, cost benefit analysis of designs, computer-related industries and professions.

**Recommend reading** J. Martin, *Design of Real-Time Computer Systems*; J. Martin, *Systems Analysis for Data Transmission*; E. Yourdon, *Techniques of Program Structure and Design*; H. Hellerman and T. Conroy, *Computer System Performance*; C. B. Grindley, *Systematics*; A New Approach to Systems Analysis; C. B. Grindley and J. Humble, *The Effective Computer*; G. Davis, *Reading for MIS*.

**MS368 Computers in Information Processing Systems**

Mr Davenport. Twenty Lectures and Seminars. Michaelmas and Lent Terms.

For Dip. Systems Analysis & Design; M.Sc.

**Syllabus** Computer architecture, system software, transaction monitors, database management software, programming languages, communication system hardware, communication system organisation, performance monitoring and prediction.

**Recommended reading** S. Madnick and J. Donovan, *Operating Systems*;

D. Hebditch, *Data Communications*;

J. Martin, *Computer Database Organisation*;

C. J. Date, *Introduction to Database Systems*;

I. Palmer, *Database Systems, A Practical Reference*;

J. Martin, *Security Accuracy and Privacy in Computer Systems*;

D. Barron, *Assemblers and Loaders*;

C. Gear, *Computer Organisation and Programming*;

T. Gibbons, *Integrity and Recovery in Computer Systems*;

A. Cardenas, L. Presser and M. Marin, *Computer Science*.

**MS369 Workshop in Urban and Transport Models**

Dr Powell. Fifteen meetings,

Michaelmas and Lent Terms,

beginning sixth week of

Michaelmas Term.

For M.Sc.

A practical course in quantitative model-building for students wishing to carry out research in this area.

**MS370 Facility Location**

Mr Rosenhead. Five lectures.

Michaelmas Term, starting in the sixth week.

For M.Sc.

**Syllabus** Theory and application of locational techniques. Location on a network or plane, to minimize cost or distance, or maximum utilization. The effect of the distance metric. Application to location of warehouses, emergency services and health facilities, and to electoral re-districting.

**MS371 Distribution and Scheduling**

Dr Paul. Five lectures, Summer Term.

For M.Sc.

**Syllabus** Applications of scientific techniques to the practical problems of siting, writing, scheduling and control.

**Recommended reading** J. E. Sussams, *Industrial Logistics*; S. Eilon, C. D. T. Watson-Gandy and N. Christofides, *Distribution Management*; W. L. Price, *Graphs and Networks: An Introduction*.

## Philosophy, Logic and Scientific Method

### Ph100 Introduction to Scientific Method

Professor Watkins. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. Psych., Soc., Maths and Phil. 1st yr., Phil. and Chem. 1st yr.; M.Sc.

**Syllabus** Rival conceptions of the aim of science. The appraisal of scientific theories. Explanation, prediction, and severe testing. The role of mathematics and measurement. The problem of demarcating science from pseudo-science. Genuine corroboration versus spurious 'confirmation'. The idea of a major scientific advance. The role of crucial experiments. Continuity and conflict in the 'inductive ascent' of science. The role of simplicity. Research programmes. Probabilistic and statistical hypotheses.

**Recommended reading** K. R. Popper, *Conjectures and Refutations*, especially the introduction and chaps. 1, 2, 3, 5, 7, 8, 10, 11; *The Logic of Scientific Discovery*, especially chaps. 1-7, 10; *Objective Knowledge*, especially chap. 5; R. Carnap, *Philosophical Foundations of Physics*, especially Parts I and II; C. G. Hempel, *Philosophy of Natural Science; Aspects of Scientific Explanation*, chapter 1; T. S. Kuhn, *The Structure of Scientific Revolutions*; I. Lakatos and A. Musgrave (Eds.), *Criticism and the Growth of Knowledge*.

**FURTHER READING:** H. Poincaré, *Science and Hypothesis*; P. Duhem, *The Aim and Structure of Physical Theory*; E. Nagel, *The Structure of Science*, especially chapters 4, 5, 11 and 14; J. W. N. Watkins, "Metaphysics and the Advancement of Science" (*B.J.P.S.*, June 1975); J. Agassi, *Towards an Historiography of Science*; M. Polanyi, *Personal Knowledge*.

Some useful anthologies are: H. Feigl and M. Brodbeck (Eds.), *Readings in the Philosophy of Science*; M. Bunge (Ed.), *The Critical Approach*; A. J. Ayer (Ed.), *Logical Positivism*; P. A. Schilpp (Ed.), *The Philosophy of Rudolf Carnap*; P. A. Schilpp (Ed.), *The Philosophy of Karl Popper*; I. Lakatos (Ed.), *The Problem of Inductive Logic*; M. H. Foster and M. L. Martin (Eds.), *Probability, Confirmation, and Simplicity*. Students should also see the recommended reading for Course Ph106.

### Ph100(a) Introduction to Scientific Method Classes

Sessional, in conjunction with courses Ph100 and Ph102.

### Ph101 Scientific Method

Dr Worrall. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. and Phil.; M.Sc.

**Syllabus** The pervasiveness of 'refutations' in science. The fallibility of the 'empirical "basis"': falsifiability *versus* falsification. The 'Duhem-Quine problem' and the problem of *ad hoc* explanations: growth *versus* falsification. The programmatic aspects of science: the idea of a heuristic. The role of 'simplicity' and 'organic unity' in science. The methodology of scientific research programmes; scientific revolutions and the alleged 'incommensurability' of successive rival theories.

**Recommended reading** Students are expected to have attended course Ph100 and to have completed the required reading for that course. Special attention is drawn to the following: I. Lakatos, 'Falsification and the Methodology of Scientific Research Programmes' in I. Lakatos and A. E. Musgrave (Eds.), *Criticism and the Growth of Knowledge*, Cambridge University Press, 1970.

**FURTHER READING:** C. Howson (Ed.), *Method and Appraisal in the Physical Sciences*, 1976; P. K. Feyerabend, 'How to be a Good Empiricist—A Plea for Tolerance in Matters Epistemological' in B. Baumrin (Ed.), *Philosophy of Science. The Delaware Seminar*, Vol. 2, 1963; I. Lakatos and A. E. Musgrave (Eds.), *Criticism and the Growth of Knowledge*, 1970; T. S. Kuhn, *The Structure of Scientific Revolutions*, 1962.

### Ph102 Introduction to Scientific Method: Social Science

Professor Watkins. Ten lectures, Lent Term.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. Psych., Soc., Maths. and Phil. 1st yr., Phil. and Chem. 1st yr.; M.Sc.

Students are expected to have attended Course Ph100 Introduction to Scientific Method in preparation for this course.

**Syllabus** Problems of method within the social sciences. Self-verifying predictions and observer-interference. Individualistic models. The rationality-principle. The importance of unintended consequences of individuals' actions. Historical explanation. Positive and negative feed-back systems. Macro-theories. Are there social laws? Laws and trends.

**Recommended reading** K. R. Popper, *The Poverty of Historicism*; F. A. Hayek, *The Counter-revolution of Science*, Part I; P. Winch, *The Idea of a Social Science*; L. C. Robbins, *The Nature and Significance of Economic Science*; M. Friedman, *Essays in Positive Economics*, chap. 1; F. Machlup, *Essays in Economic Semantics*; R. G. Collingwood, *The Idea of History*.  
**ANTHOLOGIES AND READINGS:** I. Lakatos and A. E. Musgrave (Eds.), *Problems in the Philosophy of Science* (pages 305-432); H. Feigl and M. Brodbeck (Eds.), *Readings in the Philosophy of Science*, Part 8; P. Gardiner (Ed.), *Theories of History*; M. Brodbeck (Ed.), *Readings in the Philosophy of the Social Sciences*; L. I. Krimmerman (Ed.), *The Nature and Scope of Social Science*; R. Borger and F. Cioffi (Eds.), *Explanation in the Behavioural Sciences*.

### Ph103 Methodology of the Social Sciences

Dr Urbach. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc.

**Syllabus** Historicism. Different approaches to explanation in the social sciences. The mind-body problem. The application of computer simulation in social sciences.

**Recommended reading** K. R. Popper, *The Poverty of Historicism*; R. Borger and F. Cioffi (Eds.), *Explanation in the Behavioural Sciences*; L. I. Krimmerman (Ed.), *The Nature and Scope of Social Science*; John O'Neill (Ed.), *Modes of Individualism and Collectivism*; E. A. Feigenbaum and J. Feldman (Eds.), *Computers and Thought*; A. R. Anderson (Ed.), *Minds and Machines*; John O'Connor (Ed.), *Modern Materialism*; S. Hook (Ed.), *Dimensions of Mind*.

### Ph104 History of Modern Philosophy

Professor Watkins and Dr Urbach. Fifty lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main

fields Maths. and Phil., Phil. and Chem.; M.Sc.

**Syllabus** The main problems, theories and arguments of Bacon, Descartes, Spinoza, Locke, Leibniz, Berkeley, Hume and Kant considered against the rise of modern science.

**Recommended reading** TEXTS: F. Bacon, *Novum Organum* in J. Spedding, R. L. Ellis and D. D. Heath (Eds.), *The Works of Francis Bacon*; R. Descartes, *Philosophical Works*, E. Haldane and Ross (Eds.) Vol. I; R. Descartes, *Philosophical Letters* (trans. by Anthony Kenny); J. Locke, *Essay Concerning Human Understanding*; B. Spinoza, *Correspondence*, Wolf (Ed.); *Ethic*; G. W. Leibniz, *Monadology; Discourse on Metaphysics and Correspondence with Arnauld; Selections* (Eds.) P. P. Weiner; G. Berkeley, *Works*, A. A. Luce and T. E. Jessop (Eds.), Vols. II, IV; D. Hume, *Enquiries; Treatise*; especially Book I, Parts iii and iv, Book II, Part iii and Book III, Part i; I. Kant, *Prolegomena to any Future Metaphysics*.

**COMMENTARIES:** R. H. Popkin, *The History of Scepticism from Erasmus to Descartes*; M. Mandelbaum, *Philosophy, Science and Sense-Perception*; J. W. N. Watkins, *Hobbes's System of Ideas*, chaps. 3, 7, 8; A. Sesonske and N. Fleming (Eds.), *Meta-Meditations: Studies in Descartes*; S. Hampshire, *Spinoza*; C. B. Martin and D. M. Armstrong (Eds.), *Locke and Berkeley*; B. Russell, *The Philosophy of Leibniz*; V. C. Chappell (Ed.), *Hume*; N. Kemp Smith, *The Philosophy of David Hume*; S. Körner, *Kant*; H. J. Paton, *Kant's Metaphysics of Experience* (2 vols.).

### Ph104(a) History of Modern Philosophy Class

Twenty meetings, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. and Phil.; M.Sc.

### Ph105 Philosophy of Science After Kant

Dr Zahar. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc.

**Syllabus** 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. Positivism and conventionalism (Mach, Dehum, Poincaré). Conservation principles.

**Recommended reading** I. Kant, *Prolegomena*; E. Mach, *Popular Scientific Lectures*; H. Poincaré, *Science and Hypothesis*; P. Duhem, *Aim and Structure of Physical Theory*; E. Meyerson, *Identity and Reality*.

**Ph106 The Rise of Modern Science**  
Dr Zahar. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc.

**Syllabus** (1) The scientific revolution which started with Copernicus and culminated with Newton; (2) The development of mathematics during this period, particularly, 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.

**Recommended reading** ESSENTIAL READING: G. Holton and D. H. D. Roller, *Foundations of Modern Physical Science*.

FURTHER READING: I. B. Cohen, *The Birth of a New Physics*; T. S. Kuhn, *The Copernican Revolution*; D. Brewster, *Memoirs of Sir Isaac Newton*; A. I. Sabra, *Theories of Light from Descartes to Newton*; R. Palter (Ed.), *The Annus Mirabilis of Sir Isaac Newton, 1666*; A. Koyré, *Newtonian Studies*; *From the Closed World to the Infinite Universe*; E. A. Burtt, *The Metaphysical Foundations of Modern Physical Science*; A. Einstein and L. Infeld, *The Evolution of Physics*; H. Butterfield, *The Origins of Modern Science*; M. Caspar, *Kepler*; A. Koestler, *The Sleepwalkers*; S. Toulmin and 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*.

**Ph106(a) The Rise of Modern Science Class**

Dr Zahar and Mrs Sheiham. Twenty classes, Michaelmas and Lent Terms.

**Ph107 Introduction to Logic**

Dr Worrall. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths. and Phil. 1st yr., Phil. and Chem. 1st yr., Maths., Stats., Comp., Soc. Psych., Soc.; M.Sc.

**Syllabus** The main problem of logic: validity of inferences. Logical and descriptive terms, the theory of valid inference, logical truth.

Propositional logic. Truth-functions.

The connectives. Truth-tables as a decision procedure for the validity of inferences in propositional logic. The "no counter-example" method. Semantic trees. Rules of inference in propositional logic. Introduction to the axiomatic method.

The Deduction Theorem. Consistency and completeness of propositional logic.

Relational logic. Relations and quantifiers. Interpretations and the Satisfaction definition. The validity of inferences in relational logic. The lack of a general decision procedure. Semantic trees and König's lemma. Rules of inference and derivations in relational logic. Consistency and independence. Soundness and completeness of rules of inference. Elementary treatment of Gödel's completeness theorem.

Arithmetisation of mathematics; Peano's postulates. Review of Gödel's incompleteness results. Naive Set Theory: the paradoxes. The Simple Theory of Types. Axiomatic Set Theory. The Correspondence Theory of Truth. The Liar paradox: object language and metalanguage. Diagonalisation and satisfaction.

A brief survey of the history of logic and its relationship to mathematics. Infinite regress of proof and of definition. Limitations of the axiomatic method. Non-euclidean geometry.

**Recommended reading** P. Suppes, *Introduction to Logic*; B. Mates, *Elementary Logic*; W. V. O. Quine, *Elementary Logic; Methods of Logic*; I. Copi, *Symbolic Logic*; R. C. Jeffrey, *Formal Logic: its scope and limits*.

**Ph107(a) Classes**

Sessional.

For B.Sc. (Econ.) Part I; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem., Maths., Stats., Comp., Soc. Psych., Soc.

**Ph107(b) Classes**

Mr Clark. Sessional.

For B.Sc. (Econ.) Part II; M.Sc.

**Ph108 Logic**

Mr Howson. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc.

**Syllabus** Introduction to formal semantics. Completeness and incompleteness. Categoricity. Undecidability.

**Recommended reading** As for course Ph107. Further reading will be recommended during the course.

**Ph108(a) Classes**

Sessional.

**Ph109 Mathematical Logic**

Mr Howson and Dr Worrall.

Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Maths. and Phil., Phil. and Chem.; M.Sc.

**Syllabus** Elements of informal set theory. Introduction to first order theories.

Turing machines. Incompleteness and undecidability. The Completeness Theorem and some of its corollaries.

**Recommended reading** P. R. Halmos, *Naive Set Theory*; R. Stoll, *Set Theory and Logic*; E. Mendelson, *Introduction to Mathematical Logic*; E. Kamke, *Theory of Sets*.

FURTHER READING J. R. Shoenfield, *Mathematical Logic*; S. C. Kleene, *Introduction to Metamathematics*; A. A. Fraenkel, Y. Bar Hillel and Levy, *Foundations of Set Theory*; I. Lakatos, "Infinite Regress and the Foundations of Mathematics" (*Arist. Soc.*, Supplementary Vol., 1962); A. Mostowski, *Thirty Years of Foundational Studies*.

**Ph109(a) Mathematical Logic Class**

Mr Howson and Dr Worrall.

Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Maths. and Phil.

**Ph110 Philosophy of Mathematics**

Dr Worrall. Ten lectures,

Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Maths. and Phil., Phil. and Chem.; M.Sc.

**Syllabus** Mathematical heuristic. Selected topics in the history of mathematics. The idea of a foundation for mathematics

in set theory; the work of Frege, Dedekind and Cantor. The paradoxes of Russell, Cantor and Burali-Forti and the resultant formation of three principal schools: Russell's, Hilbert's and Brouwer's. The decline of Russell's programme for the reduction of mathematics to logic.

Hilbert's programme as a positive challenge to Brouwer's intuitionism and the concept of finitary mathematics. Gödel's incompleteness theorems and their effects on Hilbert's programme.

**Recommended reading** G. Polya, *Mathematics and Plausible Reasoning*; *Mathematical Discovery*; I. Lakatos, *Proofs and Refutations: The Logic of Mathematical Discovery*, 1976; S. Körner, *Introduction to the Philosophy of Mathematics*; H. Putnam and P. Benacerraf (Eds.), *Readings in the Philosophy of Mathematics*; I. Lakatos (Ed.), *Problems in the Philosophy of Mathematics*; J. Hintikka (Ed.), *Philosophy of Mathematics*; J. van Heijenoort (Ed.), *From Frege to Gödel*.

## SEMINARS

**Ph120 Philosophy and Scientific Method**

All members of the department. Sessional.

For M.Sc. and other graduate students. Attendance by permission of Professor Watkins.

**Ph121 Scientific Method and Epistemology**

Professor Watkins and other members of the department.

Sessional.

For M.Sc.

**Ph122 History and Philosophy of Science and Mathematics**

Dr Zahar and Dr Worrall.

Michaelmas and Lent Terms.

For M.Sc.

**Ph123 Philosophy of the Social Sciences**

Professor Watkins and Mr Klappholz. Twenty seminars, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc.

Students are expected to have attended Course Ph102 Introduction to Scientific Method: Social Science.



**Ph124 Epistemology and Metaphysics**

Professor Watkins and Dr Zahar.  
Michaelmas and Lent Terms.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.

**Ph125 Logic and Scientific Method**

Dr Urbach. Twenty meetings, Sessional.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.

**Ph126 Development of Modern Logic**

Mr Howson and Mr Currie.  
Fifteen two-hour meetings, Lent and Summer Terms.  
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc.

**Ph127 Logic and Scientific Method**

Dr Worrall. Sessional.  
For M.Sc.

*Reference should also be made to the following courses:*

**MS106 Games, Decisions and Gambling**

**MS108 Ideas in Mathematics and Science**

**MS110(i) Boolean Algebra**

**MS110(ii) Model Theory**

**MS111 Axiomatic Set Theory**

*Attention is drawn to courses taught at Chelsea College of Science and Technology by Dr Machover, Dr Gillies and Dr Solari that are relevant for M.Sc. in Logic and Scientific Method.*

## Psychology

**Ps100 Introduction to Individual and Social Psychology**

Dr Geber and Dr Gaskell. Twenty-five lectures, Sessional.  
For B.Sc. (Econ.) Part I and Part II; B.Sc. c.u. main fields Soc. Psych., Maths., Stats. and Comp. 1st yr; Geog., Soc., Soc. Anth.; B.Sc. S.S. and A. 2nd and 3rd yrs.; Dip. Soc. Admin.

**Syllabus** The ways in which the individual orients himself in the world; 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 opinions. Social interaction in groups; conformity, obedience, interpersonal communication.  
**Recommended reading** R. Brown and R. J. Herrnstein, *Psychology*; R. Brown, *Social Psychology*; D. Wright *et al*, *Introducing Psychology: an Experimental approach*; B. Foss (Ed.), *New Horizons in Psychology*, Vol. 1; P. Dodwell (Ed.), *New Horizons in Psychology*, Vol. II.

**Ps100(a) Introduction to Individual and Social Psychology (Classes)**

Sessional.  
For B.Sc. c.u. main field Soc. Psych. 1st yr.

**Ps100(b) Introduction to Psychology (Classes)**

Sessional.  
For B.Sc. (Econ.) Part I and Part II; B.Sc. c.u. main fields Geog., Maths., Stats., Comp., Soc., Soc. Anth.

**Ps101 Psychoanalytic Theories and their Derivatives**

Dr Hildebrand. Five lectures, Lent Term.  
For B.Sc. c.u. main field Soc. Psych. 1st yr.; B.Sc. S.S. and A. 3rd yr. Optional for Dip. Soc. Admin.

**Ps102 Context of Psychology**

Professor Hotopf. Five lectures, Michaelmas Term.  
For B.Sc. c.u. main field Soc. Psych. 1st yr.

**Syllabus** The aim of this course is to consider the nature of psychology as it is today in terms of its past. This involves considering its self-conception as formed by its conception of other disciplines, of science and of its own role in society.  
**Recommended reading** will be given at the beginning of the course.

**Ps103 Cognitive Psychology I**

Dr Seaborne. Twenty lectures, Michaelmas and Lent Terms.  
For B.Sc. c.u. main field Soc. Psych. 1st yr.

**Syllabus** Information processing; perception and attention, psychophysical judgement, perceptual organisation. The acquisition of learned behaviour; the role of incentives and motivation in learning. The processes of remembering and forgetting; short and long-term memory. The development of learning capacity, learning sets, critical periods in learning.  
**Recommended reading** will be given during the course.

**Ps103(a) Cognitive Psychology I (Classes)**

Fortnightly, Michaelmas and Lent Terms.

**Ps104 Biological Bases of Behaviour**

Mr Withers (Middlesex Hospital Medical School). Twenty lectures and practicals, Michaelmas and Lent Terms.  
For B.Sc. c.u. main field Soc. Psych. 1st yr.

**Syllabus** Homeostasis. Structure and function of the nervous system, including sense organs. Some physiological aspects of arousal, motivation and emotion. The development of the nervous system. The effect of drugs on the nervous system. Genetics: Mendelism, linkage, population and quantitative aspects applied to behaviour.

**Ps105 Methods of Psychological, Research I: General and Social**

Dr Stockdale, Dr Seaborne and Dr Gaskell.  
Twenty-five meetings. Sessional.

For B.Sc. c.u. main field Soc. Psych. 1st yr.

**Syllabus** Introduction to research methods and techniques in relation to experimental studies of learning, memory, thinking, perception and social behaviour. The measurement of attitudes, personality and intelligence.

The experiments will be related to topics discussed in Courses Ps100 and Ps103. Students should also attend Course MS202. Further reading will be given during the course.

### Ps106 Social Psychology

Mr A. D. Jones. Twenty-five lectures, Sessional.

**Whole Course:** for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Geog., Maths., Stats., Comp., Act. Sci., Soc. **First half only:** B.Sc. c.u. main field Soc. Psych. 2nd yr.

**Syllabus** The nature of attitudes. Cognitive, emotional and behavioural aspects of attitudes. The functional basis of attitude formation. Social processes of attitude elicitation. Stereotypes and prejudiced attitudes. The principle of consistency of attitudes. Social influence processes. Co-operation and competition. Dyadic interaction and exchange theory. Norms and conformity. Leadership and social power. Group decision making and the physical properties of groups. Inter-group conflict. Personality and social behaviour. The processes of socialisation, personality traits and their relationship to racial conflict, economics organisation and development. The relationship between cultural and social class characteristics and intelligence, perception and attitudes etc. Rules and behaviour in institutions. Selected topics from industrial psychology, mass media studies, exchange theory, interpersonal communication and group dynamics. **Recommended reading** will be given during the course.

### Ps106(a) Social Psychology: Cognition and Attitudes (Classes)

Michaelmas and Lent Terms.  
For B.Sc. c.u. main field Soc. Psych. 2nd yr.

**Ps106(b) Social Psychology: Psychological Aspects of the Study of Society (Classes)**  
Sessional.

For B.Sc. c.u. main fields Geog., Maths., Stats., Comp., Act. Sci., Soc. Anth., Soc., B.Sc. (Econ.) Part II.

### Ps107 Assumptions and Methods of Social Psychological Research

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

**(i) Assumptions and Methods of Social Psychological Research**  
Dr Gaskell and Dr A. P. E. L. Sealy. Ten lectures, Michaelmas Term.

### (ii) Laboratory Sessions

Dr Gaskell and others.

Twenty-four sessions.

**Syllabus** Theory and practice of interviewing; introduction to further aspects of survey methodology, especially attitude scaling and questionnaire design. Experimental methods in social psychology, especially in relation to attitude change, interpersonal influence and group decision making. Statistical methods relevant to social psychological research, particularly analysis of variance and correlation.

### Ps108 Psychological Statistics

Dr Stockdale. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

### Ps108(a) Classes

Sessional.

### Ps109 Learning, Memory and Thinking

Dr Seaborne and Dr Stockdale. Sessional.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

**Syllabus** Learning with an emphasis on complex behavioural processes such as social and perceptual learning, the role of attentional processes and the application of learning principles to clinical psychology. Information acquisition, storage and retrieval; models of memory functioning. Thinking and problem solving. Concept acquisition. **Simulation** of cognitive processes.

### Ps109(a) Classes

Fortnightly, Michaelmas and Lent Terms.

### Ps110 Perception and Skill

Professor Hotopf. Sessional.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

**Syllabus** Perceptual organization. Constancies. Visual illusions. Frame of reference and set as organizing factors. Phoneme perception. Temporal relationships in perception. Theories of perception: Gestalt, Hebb and information theory approaches. The characteristics of skilled behaviour. Control and adaptive system models of skill. Theories of attention. Anticipation, short-term storage and information-processing in skill. Reception and production of language. Motor theories of perception. Theories of pattern recognition.

**Recommended reading** INTRODUCTORY:

R. L. Gregory, *Eye and Brain*; J. E. Hochberg, *Perception*; G. A. Miller, E. Galanter and K. H. Pribram, *Plans and the Structure of Behaviour*; M. D. Vernon, *The Psychology of Perception*; A. Summerfield (Ed.), *Experimental Psychology (Brit. Med. Bull., 1964, XX)*; TEXTBOOKS: R. H. Day, *Human Perception*; P. M. Fitts and M. I. Posner, *Human Performance*; J. J. Gibson, *Perception of the Visual World*; D. Legge (Ed.), *Skills*; D. O. Hebb, *The Organization of Behaviour*; U. Neisser, *Cognitive Psychology*; D. A. Norman, *Memory and Attention*.

**FURTHER READING:** D. E. Broadbent, *Perception and Communication*; W. N. Dember, *The Psychology of Perception*; N. F. Dixon, *Subliminal Perception*; C. W. Eriksen (Ed.), *Behaviour and Awareness*; C. Cherry (Ed.), *Information Theory*; R. N. Haber (Ed.), *Contemporary Theory and Research in Visual Perception*; I. P. Howard and W. B. Templeton, *Human Spatial Orientation*; F. P. Kilpatrick (Ed.), *Human Behaviour from the Transactional Point of View*; K. Koffka, *Principles of Gestalt Psychology*; L. Uhr (Ed.), *Pattern Recognition*; M. D. Vernon (Ed.), *Experiments in Visual Perception*; A. T. Welford, *Fundamentals of Skill*; H. A. Witkin *et al.*, *Personality through Perception*.

### Ps110(a) Classes

Fortnightly, Sessional.

### Ps111 Personality and Motivation I

Dr A. P. E. L. Sealy. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Psych. 2nd yr., Soc. Anth. 2nd yr.

**Syllabus** Clinical *versus* statistical prediction in the study of personality; individual differences in personality as revealed by description, self-report, behaviour, physiological reactions and symptom clusters. Concepts of trait, type and dimension. Structure of personality; defence and coping mechanisms; human motivations and emotion. Introduction to the theory and practice of personality measurement by questionnaire, projective techniques and repertory grid methods. **Recommended reading** I. Janis, R. Holt, I. Kagan and G. F. Mahl, *Personality*; S. Maddi, *Personality Theories: a Comparative Analysis*; C. Hall and G. Lindzey, *Theories of Personality: Readings*; G. W. Allport, *Pattern and Growth in Human Personality*; R. Munroe, *Schools of Psychoanalytic Thought*; S. Freud, *New Introductory Lectures*; A. Freud, *The Ego and the Mechanisms of Defence*; P. Fraisse and J. Piaget, *Motivation, Emotion and Personality*; R. S. Lazarus and E. Opton (Eds.), *Personality*; C. N. Cofer and M. H. Appley, *Theories of Motivation*; P. E. Vernon, *Personality Assessment: a Critical Review*; W. Mischel, *Personality Measurement*; D. E. Fiske, *Measuring the Concepts of Personality*; I. Murstein, *Handbook of Projective Techniques*.

### Ps111(a) Classes

Fortnightly, Michaelmas and Lent Terms.

### Ps112 Child Development I

Dr Geber. Sessional.

For B.Sc. c.u. main fields Soc. Psych. 2nd yr., Soc. Anth. 2nd yr.

**Syllabus** Processes of growth and maturation. Learning and perception in the neonate. Social signalling systems social attachment and emotional development. Cognitive development in infancy and early childhood. Theories of play. Patterns of parent-child interaction; modelling and imitation; cross cultural variations in child rearing practices. Ego development in early childhood.

**Recommended reading** T. G. R. Bower, *Development in Infancy*; H. R. Schaffer,

*The Growth of Sociability*; K. Danziger, *Socialisation*; J. Bruner, *Processes of Cognitive Growth: Infancy*; J. H. Flavell, *The Developmental Psychology of Jean Piaget*; J. Bowlby, *Attachments and Loss*, Vol. 1.

Other reading will be given during the course.

#### Ps112(a) Classes

Fortnightly, Michaelmas and Lent Terms.

**Note** Courses Ps111 and Ps112 comprise the Course Unit Psychology of Personality, Motivation and Development.

#### Ps113 Abnormal Psychology

Lecturer to be announced. Eight lectures, Lent Term.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.; Optional for M.Sc.; B.Sc. S.S. and A. 3rd yr.

**Syllabus** Aspects of abnormal psychology; classification; aetiology, treatments, theories of mental illness.

#### Ps114 Mental Health and Therapeutic Interventions

Dr Hildebrand. Five lectures, Lent Term.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.; B.Sc. S.S. and A. 3rd yr. Optional for Dip. Soc. Admin.

#### Ps115 Advanced Social Psychology (Seminar)

Members of the department. Thirty-six seminars, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 3rd yr. Optional for M.Sc.

**Syllabus** The emphasis of this course will be on present theoretical and methodological concerns in social psychology. A selection will be made from the following: social and cultural factors in social perception of people and events; cognitive complexity and its bearing on attitude organization and belief systems; attitude and behaviour change; the conflict between stability and change. Cross-cultural research. An analysis of

individual and group decision making. The process of adaptation to norms and values. An analysis of the theoretical and empirical approaches to the study of interaction in groups. Interaction of the individual and the social system.

#### Ps116 Child Development II (Seminar)

Dr Geber. Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.

**Syllabus** Cognitive development in middle childhood and adolescence; the acquisition of language and its relationship to cognition; moral ideology and the development of attitudes. Attribution processes, pro-social behaviour and social cognition. Comparative analysis of theories of development. Family, school and peers in the socialisation of the child and the adolescent.

#### Ps117 Personality and Motivation II (Seminar)

Dr A. P. E. L. Sealy. Sessional.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.

**Syllabus** An analysis of the relationships between personality and psychopathology, especially schizophrenia and deviance. Self theory. Psychoanalytic and other theories of affect. Multivariate approaches to personality assessment. Self-concept and alienation.

**Recommended reading** B. Maher, *Principles of Psychopathology*; J. Wiggins *et al*, *The Psychology of Personality*; M. Arnold, *Emotion and Personality*; R. B. Cattell (Ed.), *Handbook of Multivariate Experimental Research*.

#### Ps118 The Role of Broadcasting

Professor Himmelweit. Five lectures, Lent Term.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.; M.Sc. and other interested students.

**Note** B.Sc. c.u. main field Soc. Psych. third-year students may also attend Courses Ps150, Ps151, Ps156, Ps159 and Ps160.

### FOR GRADUATE STUDENTS

#### Ps150 Communication and Attitude Change (Seminar)

Professor Himmelweit.

Michaelmas and Lent Terms.

For M.Sc. and other graduate students; B.Sc. c.u. main field Soc. Psych. 3rd yr.

**Note** Students taking this course will normally attend Ps118. The Role of Broadcasting.

#### Ps151 Language, Thought and Communication: a Psycholinguistic Approach (Seminar)

Professor Hotopf. Sessional.

For M.Sc. and other graduate students; B.Sc. c.u. main field Soc. Psych. 3rd yr.

**Syllabus** *Theories about the relation of language and thought*. 1. Philosophical theories and the search for the Ideal Language. 2. Whorf: linguistic and social systems; cultural relativism. 3. Bernstein: class and code. 4. Chomsky and universalism. *Experimental and observational studies*. Comprehension and context: the role of what is not said. Implications for the use of language in social research.

Studies of the influence of language on thought and perception. Influence of social variables. Hesitation, slips and speech production.

#### Ps152 Social Psychological Methods of Research

For M.Sc. and other graduate students.

##### (i) Advanced Survey Methodology

Dr Oppenheim. Michaelmas Term.

##### (ii) Experimental Methods

Dr Gaskell. Lent and Summer Terms.

All students are expected to take the short Fortran Course offered by the Computer Unit.

#### Ps153 Social Psychology of Organizations. The Nature and Derivation of the Social Formal (Seminar)

Mr R. Holmes. Sessional.

For M.Sc. and other graduate students.

#### Ps154 Personality (Seminar)

Dr A. P. E. L. Sealy. Sessional.

For M.Sc. and other graduate students.

**Syllabus** Individual differences and dynamic approaches to the study of personality; cognitive theories; stress and coping mechanisms; activation; self theories; problems of assessment and change in personality.

Before joining this course it is suggested that students should be well acquainted with the following or their equivalents: L. Janis, R. Holt, I. Kagan and G. F. Muhl, *Personality*; S. Maddi, *Personality Theories*; E. Borgatta and W. Lambert, *Handbook of Personality Theory and Research*, chaps. 7, 10, 12, 20 and 21.

#### Ps155 Groups and Group Functioning (Seminar)

Dr Gaskell. Michaelmas and Lent Terms.

This course will not be given in 1977-78.

For M.Sc. and other graduate students; B.Sc. c.u. main field Soc. Psych. 3rd yr.

#### Ps156 Social Psychology of Conflict (Seminar)

Dr Oppenheim. Michaelmas and Lent Terms.

For M.Sc. and other graduate students; B.Sc. c.u. main field Soc. Psych. 3rd yr.

#### Ps157 Interpersonal Behaviour (Seminar)

Mr A. D. Jones. Sessional.

For M.Sc. and other graduate students.

#### Ps158 Industrial Psychology

Mr R. Holmes. Thirteen lectures and classes, Michaelmas and Lent Terms.

For M.Sc.

**Syllabus** 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. Reading will be recommended during the course.

**Ps159 The Psychological Study of Social Issues (Seminar)**

Dr Oppenheim, Professor Himmelweit and others. Michaelmas and Lent Terms.

For M.Sc. and other graduate students; B.Sc. c.u. main field Soc. Psych. 3rd yr. **Syllabus** The examination of the application of social psychology to such areas as industry, education, deviance, social medicine, political behaviour, the mass media, legal procedure, etc. The particular areas to be examined will depend on staff and student interest.

**Ps160 Psychology (Seminar)**

Professor Himmelweit and others. Fortnightly, Sessional.

For all graduate students; B.Sc. c.u. main field Soc. Psych. 3rd yr. Papers will be presented by members of staff and outside speakers.

**Ps161 Current Research in Social Psychology (Seminar)**

Fortnightly, Sessional.

For staff and graduates.

Psychology graduates are expected to attend Course MS268 and are also referred to Courses Ps113, Ps116, Ps118 and So169.

## Social Science and Administration

**SA100 Social History and Social Policy**

Dr Harris. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 1st yr.; B.Sc. c.u. main fields Geog., Maths., Stats., Comp., Soc., Soc. Psych.; optional for Dip. Soc. Admin.

**Syllabus** An outline of changes in English social structure, policy and institutions between the industrial revolution and the second world war.

**Recommended reading** E. J. Hobsbawm, *Industry and Empire*; E. P. Thompson, *The Making of the English Working Class*; M. E. Rose, *The English Poor Law 1780-1930*; D. Roberts, *Victorian Origins of the British Welfare State*; H. Parris, *Constitutional Bureaucracy*; Gillian Sutherland (Ed.), *Studies in the Growth of Nineteenth Century Government*; J. Burrow, *Evolution and Society: A Study in Victorian Social Theory*; G. Stedman Jones, *Outcast London*; J. Harris, *Unemployment and Politics: A Study in English Social Policy 1886-1914*; J. R. Hay, *The Origins of the Liberal Welfare Reforms 1906-1914*; B. B. Gilbert, *The Evolution of National Insurance in Great Britain*; *British Social Policy 1914-1939*; D. Winch, *Economics and Policy: A Historical Study*; R. Skidelsky, *Politicians and the Slump*; T. H. Marshall, *Social Policy in the 20th Century*.

**SA101 Social and Political History Classes**

Sessional.

For B.Sc. S.S. and A. 1st yr.

**SA102 Social Policy**

Mr Glennerster, Miss Benson and Mr J. Carrier.

Seven lectures, Summer Term.

For B.Sc. S.S. and A. 2nd yr.

Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 3rd yr.

**Syllabus** The boundaries of social policy. Philosophical ideas underlying choices in social policy; key debates in the literature; 'models' of welfare. These lectures will centre on social policy in Britain and other industrialised countries examined from the perspectives of different

social science disciplines.

**Recommended reading** R. M. Titmuss, *Problems of Social Policy: The Gift Relationship*; *Social Policy: An Introduction*; R. A. Pinker, *Social Theory and Social Policy*; J. M. Romanyshyn, *Social Welfare: Charity to Justice*; P. Hall et al, *Change, Choice and Conflict in Social Policy*; B. Jordan, *Freedom and the Welfare State*; 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*.

**SA102(a) Social Policy (Classes)**  
Summer Term.

For B.Sc. S.S. and A. 2nd yr.

**SA102(b) Social Policy (Classes)**

Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 3rd yr.

**SA103 Social Policy since the Second World War**

Mr Glennerster, Mr Reddin, Professor Abel-Smith, Dr Levin and Dr M. Brown. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.; B.Sc. c.u. main fields Geog., Maths., Stats., Comp., Soc., Soc. Psych.; Dip. Soc. Admin.

**Syllabus** An introduction to the subject of Social Administration followed by an examination of the more recent developments since the 1930s. A survey in greater detail of the main fields of social administration: income distribution, education, housing, medical care and the personal social services.

**Introductory reading** M. Brown, *Introduction to Social Administration in Britain*; D. V. Donnison et al, *Social Policy and Administration Revisited*; D. Fraser, *The Evolution of the British Welfare State*; P. Hall, H. Land, R. Parker, A. Webb, *Change, Choice and Conflict in Social Policy*; T. H. Marshall, *Social Policy*; R. M. Titmuss, *Essays on the Welfare State*.

### SA104 Social Policy Classes

Miss Sainsbury. Weekly, Sessional.

For B.Sc. c.u. main fields Geog., Maths., Stats., Comp., Soc., Soc. Psych.

### SA105 Contemporary Aspects of Social Work and Social Administration

Mr Reddin and Mr Rees. Ten lectures, Lent and Summer Terms.

For Dip. Soc. Admin. Optional for overseas option.

**Syllabus** Special lectures by a variety of outside speakers on a number of topical aspects of social work and social administration.

### SA106 Social Administration and Social Policy

Mr Reddin and Dr M. Brown.

Twenty lectures, Sessional.

For Dip. Soc. Admin.

**Syllabus** Social Administration as a field of study. Key concepts in Social Administration: need, redistribution, models of welfare: the administrative framework for the delivery of social services and resource allocation within them. The boundaries of social policy. Theoretical issues in social policy, values and objectives.

**Introductory reading** D. V. Donnison *et al*, *Social Policy and Administration Revisited*; 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*; V. George and P. Wilding, *Ideology and Social Welfare*.

### SA106(a) Social Administration (Classes) Sessional.

For Dip. Soc. Admin.

### SA106(b) Social Policy Topic Courses

Last four weeks of Lent Term. For Dip. Soc. Admin.

### SA107 Social and Public Administration

Dr Levin.

Five lectures, Michaelmas Term.

For B.Sc. S.S. and A. 2nd yr.

Four lectures, Summer Term.

For B.Sc. S.S. and A. 1st yr.

**Syllabus** Policy making and administration in central government, local authorities and other agencies, with special reference to the social services. The analysis and appraisal of organizational structures and decision-making procedures.

**Recommended reading** J. P. Mackintosh, *The Government and Politics of Britain*; S. A. de Smith, *Constitutional and Administrative Law*; A. H. Hanson and M. Walles, *Governing Britain*; P. Hall *et al*, *Change, Choice and Conflict in Social Policy*; R. G. S. Brown, *The Management of Welfare*; R. Buxton, *Local Government*; H. Glennerster, *Social Service Budgets and Social Policy*; H. Hecló and A. Wildavsky, *The Private Government of Public Money*; M. J. Hill, *The Sociology of Public Administration*; *The State, Administration and the Individual*; P. H. Levin, *Government and the Planning Process*.

Further reading will be given during the course.

### SA108(a) Social and Public Administration (Classes)

Dr Levin. Michaelmas and Lent Terms, in connection with Courses SA103 and SA107.

For B.Sc. S.S. and A. 2nd yr.

### SA108(b) Social and Public Administration (Classes)

Dr Levin. Summer Term, in connection with Course SA107.

For B.Sc. S.S. and A. 1st yr.

### SA109 Sociology and Social Policy

Dr Downes, Miss Benson, Mr J. Carrier and others.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 1st yr.; Dip. Soc. Admin.

**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. The definition, scope and content of social policy and the relationship of sociological theory and method to social policy analysis.

**Introductory reading** R. Pinker, *Social Theory and Social Policy*; P. Marris and M. Rein, *Dilemmas of Social Reform*; P. Townsend, *Sociology and Social Policy*; M. Rein, *Social Science and Public Policy*; J. Warham, 'Social Administration and Sociology', *Journal of Social Policy*, Vol. 2, 1973; D. Wedderburn (Ed.), *Poverty, Inequality and Class Structure*; C. A. Valentine, *Culture and Poverty*; M. Hill, *The Sociology of Public Administration*; D. Harvey, *Social Justice and the City*.

### SA110 Introduction to Social and Political Theory

Miss Benson. Ten lectures, Fortnightly, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 1st yr.

**Syllabus** The course relates the basic elements of 19th and 20th century social and political theory to the study of social policies (a) in respect of practical issues of social and political control; democracy; industrialisation; social order and social change; (b) in respect of a number of sociological perspectives on society (classical and neo-functionalism; action theory; the sociology of knowledge; the sociology of the everyday world).

**Introductory reading** H. Stuart Hughes, *Consciousness and Society*; R. A. Pinker, *Social Theory and Social Policy*; W. G. Runciman, *Social Science and Political Theory*; R. A. Nisbet, *The Sociological Tradition*; Peter Berger, *Invitation to Sociology*; David Berry, *Central Ideas in Sociology*.

### SA110(a) Introduction to Social and Political Theory (Classes)

Michaelmas and Lent Terms, Fortnightly.

For B.Sc. S.S. and A. 1st yr.

### SA111 Introduction to Social Work and Social Work Method

Mr Rees and others. Ten lectures, Lent Term.

For Dip. Soc. Admin.

Optional for Overseas Option.

**Syllabus** The common base of social work practice; case work, group work and community work methods.

**Introductory reading** H. M. Bartlett, *The Common Base of Social Work Practice*; Z. F. Butrym, *The Nature of Social Work*; B. Wootton, *Social Science and Social Pathology*; H. Jones (Ed.), *Towards a New Social Work*; E. M. Goldberg, *Helping the Aged*; H. H. Perlman, *Casework Within Social Work*.

### SA112 Values and Ethics in Social Work

Mr Rees. Three seminars, Lent Term.

For Dip. Soc. Admin.; optional for Overseas Option.

### SA113(a) Visits of Observation Classes

For Dip. Soc. Admin., incl. Overseas Option.

### SA113(b) Field Work Classes

For Dip. Soc. Admin., incl. Overseas Option.

### SA113(c) Social Research for Field Work Classes

For Dip. Soc. Admin.

### SA114 Introduction to Economic Analysis and its Application to Social Problems

Mr Piachaud. Ten lectures, Michaelmas Term.

For Dip. Soc. Admin.; B.Sc. S.S. and A. 1st yr.

**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.

### SA114(a) Economics (Classes)

Fornightly, Sessional.

For Dip. Soc. Admin.

### SA114(b) Economics (Classes)

Weekly, Sessional.

For B.Sc. S.S. and A. 1st yr.

### SA114(c) Economics (Classes)

Fortnightly, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.

### SA115 Social Investigation

Mr Bulmer. Twenty lectures, Michaelmas and Lent Terms.

These lectures are intended to follow and complement course MS201 Survey Methods for Social Research.

For B.Sc. S.S. and A. 2nd yr.; optional for Dip. Soc. Admin.

**Syllabus** The nature and conduct of research in social administration. Selection of problems. Research design. The relevance of standard methods to the interpretation of social data and the study of social situations. The use of official statistics, experiments, observation and historical documents. Social monitoring. Reliability and validity of social data. Scientific method in social research: problems, theories and explanations. Objectivity and values. The ethics and politics of research. Social research in the making of social policy.

*Examples* of research discussed will be drawn from studies of poverty, wealth distribution, fertility, health, organisations, power, deviance, and education.

**Recommended reading** 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*, Parts 1 and 2; M. Stacey, *Methods of Social Research*; 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*; H.M.S.O., *Social Trends* (annually); B. Edwards, *Sources of Social Statistics*; A. Shonfield and S. Shaw, *Social Indicators and Social Policy*; D. T. Campbell and J. C. Stanley, *Experimental and Quasi-Experimental Designs for Research*; G. J. McCall and 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 and 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*.

### SA115(a) Social Investigation (Project Class)

Five Classes, Summer Term.  
For B.Sc. S.S. and A. 1st yr.

### SA115(b) Social Investigation (Classes)

Fortnightly, Michaelmas and Lent Terms.  
For B.Sc. S.S. and A. 2nd yr.

### SA115(c) Statistics Revision (Classes)

Fortnightly, Michaelmas and Lent Terms.  
For B.Sc. S.S. and A. 2nd yr.

### SA116 Psychology in Social Administration

Professor Plowman. Ten lectures, Michaelmas and Summer Terms.

For B.Sc. S.S. and A. 3rd yr.; Dip. Soc. Admin. incl. Overseas Option.

**Syllabus** and **recommended reading** will be given during the course.

### SA117 Psychology in Social Administration (Seminar)

Professor Plowman. Michaelmas and Summer Terms.

For B.Sc. S.S. and A. 3rd yr.

**Syllabus** Psychology in relation to social administration and social work – its contributions and limitations with regard to the understanding of individual and social problems, administrative processes, professional roles and the formulation of social policy. Illustrations from case studies in social administration and social work, from industry and other organisations, and from areas such as delinquency, race relations, changes in social services and the growth of professions. Psychological problems of gathering material. Interaction between people. Behaviour in groups. Power, authority and status.

**Recommended reading** to be given during the course.

### SA118 Psychology in Social Administration (Classes)

(i) Summer Term.

For B.Sc. S.S. and A. 2nd yr.

(ii) Sessional.

For Dip. Soc. Admin. 2nd yr. and one-yr.

### SA119 Social Structure (Classes)

(i) Fortnightly, Sessional.

For Dip. Soc. Admin.

(ii) Fortnightly, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.

(iii) Fortnightly, Summer Term.

For B.Sc. S.S. and A. 1st yr.

### SA120 Social and Political Theory (Class)

(a) Dr Harris. Summer Term.

For B.Sc. S.S. and A. 2nd yr.

(b) Dr Downes. Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 3rd yr.

### SA121 Educational Policy and Administration

Mr Glennerster. Ten lectures, Michaelmas Term.

For B.Sc. S.S. and A. 3rd yr.; Optional for M.Sc., Dip. Soc. Admin.

**Syllabus** The formation of educational policy in Britain, the role of central and local government, central advisory councils, professional organisations and pressure groups. The organisation of the education system. The provision of education – costs, methods of finance, distribution of resources, educational planning and the determination of priorities.

**Recommended reading** R. Barker, *Education and Politics 1900-51*; G. Fowler (Ed.), *Decision-Making in British Education*; B. Lawrence, *The Administration of Education*; E. Boyle and A. Crosland, *The Politics of Education*; M. Kogan, *Educational Policy Making*; W. Taylor, *Research Perspectives in Education*; J. Vaizey and J. Sheehan, *Resources for Education*; M. Blaug, *An Introduction to the Economics of Education*. Further reading will be given during the course.

### SA121(a) Educational Policy and Administration (Class)

Mr Glennerster. Fortnightly, Summer Term.

For B.Sc. S.S. and A. 2nd yr.

### SA121(b) Educational Policy and Administration (Class)

Mr Glennerster. Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 3rd yr.

### SA122 Race Relations and Minority Groups

Professor Cohen, Mr J. Carrier and Mr Bulmer. Twenty-five lectures, Sessional.

For B.Sc. S.S. and A. 3rd yr.; B.Sc. c.u. main field Soc.; Optional for Dip. Soc. Admin.; M.Sc. and other interested graduate students.

**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: (a) an examination of concepts and theories relating to this field; (b) a comparative analysis of relevant structures and processes in modern industrial and other societies; (c) an examination of group and policy responses in racial or ethnic situations, and of their research implications.

**Recommended reading** E. J. B. Rose, *Colour and Citizenship*; G. Jackson, *Soledad Brother*; A. Davis, *If they come in the morning*; W. Lloyd Warner and L. Srole, *The Social Systems of American Ethnic Groups*; P. Foot, *Immigration and Race in British Politics*; N. Deakin, *Colour and the British Electorate, 1964*; I. Katznelson, *Black Men, White Cities*; C. Mullard, *Black Britain*; M. J. Hill and R. Issacharoff, *Community Action and Race Relations*; S. Abbott, *The Prevention of Racial Discrimination in Britain*; G. Myrdal, *An American Dilemma*, Part V; A. H. Richmond, *Readings in Race and Ethnic Relations*; G. Hunter, *Industrialisation and Race Relations*; N. Glazer and D. Moynihan, *Beyond the Melting Pot*, 1970 edn.; C. E. Silberman, *Crisis in Black and White*; E. Krausz, 'Factors of Social Mobility in British Minority Groups', *The British Journal of Sociology*, Vol. XXIII, No. 3, September 1972; L. Wirth, *The Ghetto*; E. A. Barth and D. Noel, "Conceptual Frameworks for the Analysis of Race Relations: An Evaluation" in *Social Forces*, Vol. 50, March 1972; J. Rex, *Race, Colonialism*

and the City; A. Richmond, *Migration and Race Relations in an English City*; G. Simpson and J. Yinger, *Racial and Cultural Minorities*; J. Rex, *Race Relations in Sociological Theory*; Everett C. Hughes, 'Race Relations and the Sociological Imagination', *American Sociological Review*, No. 28, December 1963; G. Bowker and J. Carrier (Eds.), *Race and Ethnic Relations*; E. F. Frazier, *Race and Culture Contacts in the Modern World*; L. Foner and E. Genovese (Eds.), *Slavery in the New World*; C. S. Johnson, *The Shadow of the Plantation*; St. C. Drake and H. Cayton, *Black Metropolis*; Malcolm X, *Autobiography*; E. Liebow, *Tally's Corner*; V. G. Kiernan, *The Lords of Human Kind*.

**SA122(a) Race Relations and Minority Groups (Class)**  
Fortnightly, Summer Term.  
For B.Sc. S.S. and A. 2nd yr.

**SA122(b) Race Relations and Minority Groups (Class)**  
Michaelmas and Lent Terms.  
For B.Sc. S.S. and A. 3rd yr.; B.Sc. c.u. main field Soc.

**SA123 Personal Social Services**  
Miss Sainsbury and Mrs Tate.  
Ten lectures, Michaelmas Term.  
For B.Sc. S.S. and A. 3rd yr.; Optional for M.Sc., Dip. Soc. Admin.  
**Syllabus** Objectives of the personal social services: theories of human development, rationale of state intervention, growth of services, professionalism. Concepts of different types of intervention, prevention, community care, participation. Perception, recognition and measurement of need; problems of demand and supply. Control and organisation of services; finance models of management and organisation, co-ordination, frontiers with other social services.

**Introductory reading** J. Heywood, *Children in Care*; K. Jones, *A History of the Mental Health Services*; J. Parker, *Local Authority Health and Welfare Services*; B. N. Rodgers and J. Dixon, *Portrait of Social Work*; B. N. Rodgers and J. Stevenson, *A New Portrait of Social Work*.

**SA123(a) Personal Social Services (Class)**  
Fortnightly, Summer Term.  
For B.Sc. S.S. and A. 2nd yr.

**SA123(b) Personal Social Services (Class)**  
Sessional.  
For B.Sc. S.S. and A. 3rd yr.

**SA124 Social Policy in Developing Countries (Class)**  
Mrs Hardiman and Dr Midgley.  
Michaelmas and Lent Terms.  
For B.Sc. S.S. and A. 3rd yr. and Dip. Soc. Admin., overseas option.

**SA125 Urban Planning and Housing Policies**  
Dr Levin and Professor Donnison.  
Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 3rd yr.; M.Sc.; Dip. Soc. Plan.; Optional for Dip. Soc. Admin.  
**Syllabus** Social, economic, physical and institutional elements of urban structure. The spatial context for social policy. The relationships between population, housing and employment: current trends and processes of change; the role of government. The British housing system. The formation, implementation and impact of urban planning and housing policies; social planning; public participation. Planning ideologies; research for planning. Problems of housing finance: subsidies, rent control.

**Recommended reading** B. T. Robson, *Urban Analysis*; J. Shepherd *et al*, *A Social Atlas of London*; G. Lomas, *The Inner City*; P. L. Knox, *Social Well-being: A Spatial Perspective*; D. V. Donnison and D. E. C. Eversley (Eds.), *London: Urban Patterns, Problems and Policies*; R. E. Pahl, *Whose City?*; D. Harvey, *Social Justice and the City*; P. Hall *et al*, *The Containment of Urban England*; Expenditure Committee, *House Improvement Grants* (H.C. 349, 1972-73), *New Towns* (H.C. 616, 1974-75); P. H. Levin, *Government and the Planning Process*; N. Dennis, *Public Participation and Planners' Blight*; Ministry of Housing and Local Government, *Council Housing: Purposes, Procedures, Priorities*; *Report of the Committee on Housing in Greater London* (Milner Holland, Cmnd. 2605); M. Harloe *et al*, *The Organisation of Housing*; A. Murie *et al*, *Housing Policy and the Housing System*; Scottish Development Department, *Housing and Social Work* (Morris); W. F. Smith,

*Housing: The Social and Economic Elements*.  
Further reading will be given during the course.

**SA125(a) Housing and Urban Structure (Class)**  
Dr Levin. Fortnightly, Summer Term.  
For B.Sc. S.S. and A. 2nd yr.

**SA125(b) Housing and Urban Structure (Class)**  
Dr Levin. Sessional.  
For B.Sc. S.S. and A. 3rd yr.

**SA126 Background to Health Administration**  
Professor Abel-Smith. Ten lectures, Michaelmas Term.  
For B.Sc. S.S. and A. 3rd yr.; M.Sc. Optional for Dip. Soc. Admin. (incl. Overseas Option).  
**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; prescribing and the pharmaceutical industry; the problem of priorities.

**Recommended reading** B. Abel-Smith, *The Hospitals, 1800-1948*; *Value for Money in Health Services*; DHSS, *Priorities for Health and Personal Social Services in England: a Consultative Document*; *Prevention and Health: Everybody's Business*; *Public Expenditure in 1979-80* (Cmnd. 6393); R. Levitt, *The Reorganised National Health Service*; D. Robinson, *Patients, Practitioners and Medical Care*; A. Cochrane, *Effectiveness and Efficiency* (NHPT); DHSS, *National Health Service Reorganisation: England* (Cmnd. 5055); Office of Health Economics, *The Work of Primary Medical Care*; DHSS, *The Organisation of General Practice*; Ministry of Health, *Report of the Committee on the Relationship of the Pharmaceutical Industry with the National Health Service* (Sainsbury Committee) (Cmnd. 3410); DHSS, *Better Services for the Mentally Handicapped* (Cmnd. 4683); DHSS, *Better Services for the Mentally Ill* (Cmnd. 6233); DHSS, *Sharing Resources for Health in England*; D. Owen, *In Sickness and in Health*.

**SA126(a) Health Administration (Class)**  
Mr. J. Carrier.  
Summer Term.  
For B.Sc. S.S. and A. 2nd yr.

**SA126(b) Health Administration (Class)**  
Mr J. Carrier.  
Michaelmas and Lent Terms.  
For B.Sc. S.S. and A. 3rd yr.

**SA127(a) Social Theory and Social Policy 1870-1918 (Class)**  
Dr Harris. Summer Term.  
For B.Sc. S.S. and A. 2nd yr.

**SA127(b) Social Theory and Social Policy 1870-1918 (Class)**  
Dr Harris. Sessional.  
For B.Sc. S.S. and A. 3rd yr.

**SA128 Sociology of Deviance (Class)**  
Dr Downes.  
(a) Fortnightly, Summer Term.  
For B.Sc. S.S. and A. 2nd yr.  
(b) Michaelmas and Lent Terms.  
For B.Sc. S.S. and A. 3rd yr.

## FOR GRADUATE STUDENTS

### M.Sc.: Social Administration and Social Work Studies—Option A

*Seminars will be available only for students taking the M.Sc. Option A.*

**SA150 Social Administration**  
Professor Nevitt. Twenty lectures, Michaelmas and Lent Terms.  
M.Sc.; Optional for B.Sc. S.S. and A. 3rd yr. and Dip. Soc. Admin.  
**Syllabus** Income distribution, housing and social security policies. The evaluation of distributive policies and the measurement of income and wealth distributions. Distributive rules. Examination of U.K. income distributions pre- and post-tax 1957-75. Changing structure of U.K. population, household formation, sizes, types and tenancy patterns. Regional variations in incomes, population structure and labour participation. The incidence of taxes and

subsidies, and the impact of housing, social security, and prices and incomes policies on the distribution of household incomes.

Discussion of current housing (last five lectures, Lent Term) and social security issues in the context of British households and their incomes.

**Recommended reading** A. B. Atkinson, *The Economics of Inequality*; C.S.O., *Economic Trends, 1975-78*, Annual Reports on Incidence of Taxes and Social Service Benefits; A. B. Atkinson, 'Income Distribution and Social Change Revisited', *Journal of Social Policy*, January 1975; S. Brittan and P. Lilley, *The Delusion of Incomes Policy*; H.M.S.O., *Reports of the Royal Commission on Distribution of Income and Wealth*; A. Murie et al, *Housing Policy and the Housing System*; M. Partington, *Landlord and Tenant*; W. A. Robson, *Welfare State and Welfare Society*; W. F. Smith, *Housing: The Social and Economic Elements*; P. Thoenes, *The Elite in the Welfare State*; R. M. Titmuss, *Essays on the Welfare State*; R. M. Titmuss, *Income Distribution and Social Change*; Sir John Walley, *Social Security: Another British Failure*; D. Wedderburn, *Poverty, Inequality and Class Structure*; J. Westergaard and H. Resler, *Class in a Capitalist Society*; P. J. Wiles and S. Markowski, *Income Distribution under Communism and Capitalism*.

### SA151 Social Policy and Administration (Seminar)

Professor Abel-Smith and Professor Nevitt. Sessional.

For M.Sc.: *Social Policy and Administration*.

**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 only in general terms with special branches of the social services covered by other papers, e.g. social security, medical care and the welfare services. It will take account of historical developments and will include, where appropriate, comparative developments in other countries and focus on current policy questions.

**Recommended reading** M. Bruce, *The Coming of the Welfare State*; B. B. Gilbert, *The Evolution of National Insurance in Great Britain*; D. V. Donnison and others, *Social Policy and Administration*; R. M. Titmuss, *Essays on The Welfare State*; *Income Distribution and Social Change*; *Social Policy: an Introduction*; D. S. Lees, *Freedom or Free-for-all?*; W. G. Runciman, *Relative Deprivation and Social Justice*; E. Burns, *Social Security and Public Policy*; A. B. Atkinson, *Poverty in Britain and the Reform of Social Security*; H. Glennerster, *Social Service Budgets and Social Policy*.

### SA152 Social Planning (Seminar)

Mr Glennerster and Dr Levin.

Sessional. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.: *Social Planning*.

**Syllabus** The principles of social planning: the nature of policy making, planning and administration; models of the planning process; governmental structures; recent developments in social planning. The methodology of social planning: the components of policy analysis; tools for planning; sources of information for planning; case studies and examples from the fields of health, personal social services, education, housing and physical planning.

**Recommended reading** A. Faludi, *Planning Theory*; R. L. A. Ackoff, *A Concept of Corporate Planning*; J. K. Friend and F. Jessup, *Strategic Choice*; P. H. Levin, *Government and Planning Process*; D. V. Donnison and D. E. C. Eversley, *London: Urban Patterns, Problems and Policies*; N. Lichfield et al, *Evaluation in the Planning Process*; P. Self, *Econocrats and the Policy Process*; H. Glennerster, *Social Service Budgets and Social Policy*; C. H. Weiss, *Evaluation Research*.

### SA153 Social Policy Research

Mr Bulmer. Eight lectures, Michaelmas Term.

For M.Sc. (Option A), M.Phil. and Ph.D. Optional for M.Sc. (Option B).

**Syllabus** Methodological problems of social research into social policy; inter-disciplinary 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. Uses and limitations of social indicators. The application of social research; its place in the policymaking process.

**Recommended reading** A. Ryan (Ed.), *The Philosophy of Social Explanation*; R. Borger and F. Cioffi (Eds.), *Explanation in the Behavioural Sciences*; M. and C. W. Sherif, *Interdisciplinary Relationships in the Social Sciences*; A. Forster, *Concepts in Social Administration*; C. Sellitz, *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*; 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*; L. J. Sharpe, 'The Social Scientist and Policy-Making', *Policy and Politics*, 4, December 1975. A more detailed bibliography will be distributed at the beginning of the course.

### SA153(a) Social Policy Research (Seminar)

Mr Bulmer and Mr Glennerster. Michaelmas Term.

For M.Sc. (Option A)

**Syllabus** Selected methodological issues arising from substantive topics examined in Courses SA151 and SA152.

### SA154 Health Service (Seminar)

Professor Abel-Smith and Mr J.

Carrier. Sessional. This seminar will be held only if there is a sufficient number of students wishing to take this option.

**Whole course:** for M.Sc.: *Planning of Health Services and Medical Sociology*.

**Michaelmas Term only:** for M.Sc. and Dip. Soc. Plan.

**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-relationships; the sociology of hospitals and other medical organizations.

**Recommended reading** will be given at the beginning of the course.

### SA155 Income Maintenance and Social Security Policies (Seminar)

Mr Piachaud and Mr Reddin. Sessional.

This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.: *Income Maintenance and Social Security Policies*.

**Syllabus** Income maintenance is defined broadly to include not only national insurance, injuries and assistance provisions, but also fiscal provisions which recognise family needs, occupational benefits, private insurance and means testing. The historical development of social security provisions in Britain; definitions of need and poverty and criteria for determining the scope and level of social security benefits; the economic and financial problems of social security; the legal framework of social security; comparisons with provisions in other high-income countries.

**Recommended reading** B. B. Gilbert, *The Evolution of National Insurance in Great Britain*; *British Social Policy 1914-1939*; B. Abel-Smith and P. Townsend, *The Poor and the Poorest*; J. F. Harris, *Unemployment and Politics*; Labour Party, *National Superannuation, 1957*; P. Townsend and D. Wedderburn, *The Aged in the Welfare State*; Ministry of Pensions and National Insurance, *Provisions for Old Age* (Cmnd. 538, 1958); T. Lynes, *Pension Rights and Wrongs* (Fabian Society, 1963); A. Seldon, *Pensions in a Free Society*; T. Lynes, *Labour's Pension Plan* (Fabian Society, 1969); *Strategy for Pensions* (Cmnd. 4755,



1971); D. Marsden, *Mothers Alone: Poverty and the Fatherless Family*; A. B. Atkinson, *Poverty in Britain and the Reform of Social Security*; V. George, *Social Security: Beveridge and After*; H.M.S.O., *Social Trends*; M. Hauser, *Economics of Unemployment Insurance*; Sir John Walley, *Social Security: Another British Failure?*

#### SA156 Personal Social Services (Seminar)

Dr M. Brown and Miss Sainsbury. Sessional. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.: *Planning of Personal Social Services*.

**Syllabus** The evolution of the local authority social services departments. Problems of policy, organisation, staffing and inter-agency co-ordination. 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.

**Introductory reading** *Report of the Committee on Local Authority and Allied Personal Social Services* (Seebohm), Cmnd. 3703; B. Rodgers and J. Stevenson, *New Portrait of Social Work*; B. Davies, *Social Needs and Resources in Local Services*; J. A. G. Griffith, *Central Departments and Local Authorities*; R. Foren and M. J. Brown, *Planning for Service*; R. Rowbottom *et al*, *Social Services Departments: Developing Patterns of Work and Organisation*.

#### SA157 Housing and Urban Planning (Seminar)

Dr Levin. Sessional. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.: *Housing and Urban Planning*.

**Syllabus** Analysis of housing and urban planning issues in Britain. The present and future supply, allocation and management of housing in local authority, privately rented and owner-occupied sectors. Problems of housing finance:

subsidies, rent control, income maintenance. The distributional consequences of physical planning. The problems of vulnerable groups: the formation and impact of urban community development and anti-deprivation policies. Housing stress: slums, overcrowding, homelessness. The problem of older housing; redevelopment and rehabilitation and their social and economic effects. New towns and town development schemes and their effect on "exporting" cities; the future of overspill policy. Decision making and public participation; the role of the professional. The implications of current housing and urban planning issues for the structure and organization of central and local government.

**Recommended reading** as for Course SA125.

#### SA158 Educational Policies and Administration (Seminar)

Sessional. This seminar will not be held in session 1977-78.

For M.Sc.: *Educational Policies and Administration*.

**Syllabus** The aim is to cover the literature relevant to each level of education and to the economic and sociological aspects of the subject. Outside speakers with experience in the field will be invited at regular intervals. Part of the session is left so that topics can be arranged to fit in with the particular interests of the group. **Recommended reading** G. Baron and W. Taylor (Eds.), *Educational Administration and the Social Sciences*; O. Banks, *The Sociology of Education*; P. W. Musgrave, *Society and Education in England since 1800*; T. Burgess, *A Guide to English Schools*; J. Vaizey and J. Sheehan, *Resources for Education*.

A more detailed bibliography will be distributed at the beginning of the session.

### OTHER GRADUATE COURSES

#### SA160 Seminar in Social Administration

Professor Plowman, Miss Butrym and Dr Harris.

Fortnightly, Sessional.

For Staff and research students by invitation.

#### SA161 Social Research and Social Administration (Seminar)

Mr Bulmer. Fortnightly, Sessional.

For M.Phil. and Ph.D. students.

#### SA162 Issues in Community Action

Dr M. Brown and others.

Michaelmas and Lent Terms.

Admission by permission of the lecturer. **Syllabus** An exploration of some of the historical, political and philosophical issues relevant to community action.

**Recommended reading** J. Banks, *Sociology of Social Movements*; F. Piven and R. Cloward, *Regulating the Poor: the Functions of Public Welfare*; Reports from the National Community Development Project; D. V. Donnison and D. E. C. Eversley, *London: Urban Patterns, Problems and Policies*; N. Dennis, *People and Planning*; Gulbenkian Foundation, *Community Work and Social Change*; *Current Issues in Community Work*; W. Hinton, *Fanshen*; D. Jones and M. Mayo, *Community Work One, and Community Work Two*; P. H. Levin, *Government and the Planning Process*; P. Marris and M. Rein, *Dilemmas of Social Reform*; G. Ionescu and E. Gellner, *Populism*; M. Mayo, *Women in the Community*; G. Stedman-Jones, *Outcast London*; P. Hall, A. L. Webb, H. Land and R. A. Parker, *Change, Choice and Conflict in Social Policy*; V. George and P. Wilding, *Ideology and Social Welfare*.

#### Social Planning in Developing Countries

**Note** Lectures and Seminars numbered SA170-SA179 are restricted to the students registered for courses stated.

#### SA170 The Social Context of Planning

Mrs Hardiman and Dr Midgley.

Twenty-five lectures of one-and-a-half hours, Sessional.

For Dip. Soc. Plan.

**Syllabus** Definition, scope and content of social policy. Aims and principles in relation to the developing of social policies. Social, political, economic, psychological and technological factors

relevant to policy formation. The role of social legislation. Forms of provision: social welfare services: community development programmes; income maintenance and the treatment of offenders. The implications of transplanting institutions from one society to another. The administration of social policy: staffing; training; organisation; research; voluntary organisations; overseas aid and technical assistance. **Recommended reading** S. N. Eisenstadt, *Comparative Perspectives on Social Change*; W. E. Moore, *Social Change*; Guy Hunter, *Modernising Peasant Societies*; Gunnar Myrdal, *The Challenge of World Poverty*; A. Gundar Frank, *Capitalism and Underdevelopment in Latin America*; R. M. Titmuss, *Essays on the Welfare State*; K. M. Slack, *Social Administration and the Citizen*; O.D.I., *World Development Handbook*; U.N. Report on the World Social Situation (1957, 1963, 1965, 1967, 1970, 1974) and other U.N. publications; E. Boserup, *Woman's Role in Development*; A. H. Niehoff (Ed.), *A Casebook of Social Change*; H. Bernstein (Ed.), *Underdevelopment and Development*; World Bank, *Assault on World Poverty*; W. Mangin (Ed.), *Peasants in Cities*; G. Breese, *Urbanization in Newly Developing Countries*; World Bank, *Population Policies and Economic Development*; H. Chenery *et al*, *Redistribution with Growth*; B. F. Hoselitz and W. E. Moore (Eds.), *Industrialization and Society*; E. F. Schumacher, *Small is Beautiful*.

#### SA171 Planning Methods (Workshop)

Mrs Hardiman and Dr Midgley.

Twenty-five workshops of one-and-a-half hours, Sessional.

For Dip. Soc. Plan.

**Syllabus** Aims and methods of social planning: alternative planning methods illustrated by actual applications: the use of models in the field of social policy and their applicability in different economic and cultural settings. Problems of data collection in social planning. Survey methods and the use of indicators. Case studies of planning. Management and decision making. Simulation exercises in social planning. Evaluation methods. **Recommended reading** E. J. Mishan, *Cost-Benefit Analysis*; W. Bennis *et al* (Eds.), *The Planning of Change* (2nd edn.);

A. Waterston, *Development Planning*; R. Apthorpe (Ed.), *People, Planning and Development Studies*; A. J. Kahn, *Theory and Practice of Social Planning*; D. Braybrooke and C. E. Lindblom, *A Strategy of Decision*; A. Faludi, *Planning Theory: A Reader in Planning Theory*; A. H. Hanson, *The Process of Planning*; W. A. Lewis, *Development Planning*; N. O. Baster (Ed.), *Measuring Development*; D. Novick (Ed.), *Program Budgeting*; F. J. Lyden and E. Miller (Eds.), *PPB—A Systems Approach to Management*; P. C. Packhard, *Critical Path Analysis for Developing Administration*; C. H. Weiss, *Evaluation Research: Methods of Assessing Program Effectiveness*.

#### SA172 Social Policy and Planning in Developing Countries (Seminar)

Mrs Hardiman and Dr Midgley. One-and-a-half hours weekly, Sessional.

For M.Sc.

**Syllabus** Concepts of social policy, social development and social planning. The uses of data and indicators in social planning. Survey methods. Theories of decision making and planning. Techniques of planning: simulation, budget planning, plan evaluation, operational techniques. Policy issues in social planning: population, rural development, urbanization and urban problems, industrialization, and technology, unemployment, income security and distribution, stratification and ethnic relations. International aspects of social development. Problems of planning: planners and the political process, values of social planning, the goals of social planning.

**Recommended reading** A. Faludi, *Planning Theory*; A. J. Kahn, *The Theory and Practice of Social Planning*; S. Pausewang, *Methods and Concepts of Social Research in a Rural Developing Society*; W. M. O'Barr et al, *Social Research in Africa*; N. Baster, *Measuring Development*; H. K. Pasanjape, *The Planning Commission*; A. P. Gosh, *Development Planning in South East Asia*; H. Ross et al, *Management in the Developing Countries*; R. Hirshman, *Development Projects*; I. Little and J. Mirlees, *Project Appraisal and Planning for Developing Countries*; N. Caiden and A. Wildavsky, *Planning and Budgeting in Poor Countries*; T. E. Smith, *The Politics of Family Planning in the Third World*;

T. King et al, *Population Policies and Economic Development*; P. Dorner, *Land Reform and Economic Development*; A. Saville, *Extension in Rural Communities*; D. J. Dwyer, *People and Housing in Third World Cities*; C. Abrahams, *Housing in the Modern World*; W. E. Moore and B. Hozelitz, *Industrialization and Society*; J. D. Sundram, *Rural Industrial Development*; R. Jolly et al, *Third World Employment*; E. O. Edwards, *Employment in Developing Nations*; H. Chenery et al, *Redistribution with Growth*; L. Kuper, *Race, Class and Power*; E. K. Hawkins, *The Principles of Development Aid*; T. Hayter, *Aid as Imperialism*; G. Wynia, *Politics and Planners*; R. Apthorpe, *People, Planning and Development Studies*.

#### SA173 The Governmental Context of Development

Mr P. F. Dawson.

Twenty-five lectures, Sessional.

For Dip. Soc. Plan. Optional for Dip. Soc. Admin. (one-yr. Overseas Option).

**Syllabus** The concept of "political development", the political cultures of developing countries, ideology and constitutionality, the nature of public opinion, interest groups and political parties, the dominant role of public bureaucracies, central and local government organisations and their contribution to change, the political significance and content of planning, policy formulation and implementation. **Recommended reading** G. A. Almond and S. Verba, *The Civic Culture*; N. Caiden and A. Wildavsky, *Planning and Budgeting in Poor Countries*; J. L. Finkle and R. W. Gable, *Political Development and Social Change*; G. A. Heeger, *The Politics of Underdevelopment*; S. P. Huntington, *Political Order in Changing Societies*; J. La Palombara, *Bureaucracy and Political Development*; D. Lerner, *The Passing of Traditional Society*; C. Leys, *Politics and Change in Developing Countries*; J. D. B. Miller, *The Nature of Politics*; L. W. Pye and S. Verba, *Political Culture and Political Development*; E. Shils, *Political Development in the New States*; W. Stolper, *Planning Without Facts*.

#### SA174 Economic Aspects of Social Planning in Developing Countries (Class)

Mr Piachaud and Mr Creese. Fifteen classes, Michaelmas and Lent Terms.

For Dip. Soc. Plan.; Dip. Soc. Admin. (one-yr. Overseas Option); optional for M.Sc.

#### SA175 Problems of Health and Disease (Seminar)

Mr J. Carrier. One-and-a-half hours, Sessional.

For Dip. Soc. Plan.; M.Sc.

**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 problem 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 effects of different forms of central, regional and local organisation: the relationships of health and other social services.

**Recommended reading** A World Program for Health Manpower: Report of a Study of Medical Education in the Developing Countries; M. King (Ed.), *Medical Care in Developing Countries*; B. Abel-Smith, *An International Study of Health Expenditure and its Relevance for Health Planning*; E. M. Kassalow (Ed.), *The Role of Social Security in Economic Development*; J. Bryant, *Health and the Developing World*; D. H. S. Griffith and D. V. Ramana, *Studies on Health Planning*; J. de Araoz et al, *Principles and Practice of Cholera Control*; L. H. Wortzel, *Technology Transfer in the Pharmaceutical Industry*; H. E. Hilleboe et al, *Approaches to National Health Planning*; The Training and Utilization of Feldshers in the U.S.S.R.: A Review prepared by the Ministry of Health of the U.S.S.R. for the World Health Organization; K. Elliott and J. Knight (Eds.), *Human Rights in Health*; K. W. Newell (Ed.), *Health by the People*.

#### SA176 Planning of Welfare Services (Seminar)

461 *Social Science and Administration*

Dr Midgley. One-and-a-half hours weekly, Sessional.

For Dip. Soc. Plan.; M.Sc.

**Syllabus** Government responsibility for welfare. National and local programmes. The role of voluntary and religious organisations. Programmes for the care of children, the aged, disabled, mentally disordered and handicapped people. The reception and rehabilitation of offenders. Aid and emergency relief. Income support. Modes of provision. The role of international agencies.

**Recommended reading** R. M. Titmuss and B. Abel-Smith, *Social Policies and Population Growth in Mauritius*; H. Stein (Ed.), *Planning for the Needs of Children in Developing Countries*; H. W. Singer, *Children in the Strategy of Development*; A. Milner, *The Nigerian Penal System*; M. Clinard and D. Abbott, *Crime in Developing Countries*; L. Chen, *Disaster in Bangladesh*; J. B. Schechtman, *The Refugee in the World*; *Encyclopaedia of Social Work in India*; W. Clifford, *A Primer of Social Case Work in India*; E. Pusic, *Social Welfare and Social Development*; P. Kaim-Candle (Ed.), *Comparative Social Policy and Social Security*; N. Hasan, *The Social Security System of India*; I.L.O., *The Cost of Social Security*; U.N., *Training for Social Welfare*, 1964; *World Social Situation Reports*, 1970; *Study in Legislative and Administrative Aspects of Rehabilitation for the Disabled*, 1964; *Comparative Surveys of Juvenile Delinquency*, 1965; *Report on Children*, 1971; S. Dasgupta, *Social Work and Social Change*; S. K. Khinduka (Ed.), *Social Work in India*.

#### SA177 Planning Community Development (Seminar)

Mrs Hardiman and Dr Midgley. One-and-a-half hours weekly, Sessional.

For Dip. Soc. Plan.; M.Sc.

**Syllabus** Theory and principles of community development. The availability and utilisation of local resources, and indigenous leadership. Integration of community development programmes with broader economic and development objectives. Extensions and reformulations of the community development idea. Detailed case studies of community development programmes in selected countries.

**Recommended reading** D. Brokensha and P. Hodge, *Community Development: an Interpretation*; P. du Sautoy, *Community Development in Ghana*; T. R. Batten, *Communities and their Development*; *The Non-Directive Approach to Group and Community Work*; W. W. Biddle and L. J. Biddle, *Encouraging Community Development*; *The Community Development Process*; R. Mukerji, *Community Development in India*; U.N. *Community Development and National Development*; E/CN 5/397/Rev 1. 1963; U.N. *Social Progress Through Community Development*; T. R. Batten, *Training for Community Development*; P. Ruopp (Ed.), *Approaches to Community Development*; U.N. *The Community Development Approach to Land Settlement*; R. Chambers, *Settlement Schemes in Tropical Africa*; H. Maddick, *Panchayati Raj*; C. Rosser, *Action Planning in Calcutta*, in R. Apthorpe (Ed.), *People, Planning and Development Studies*; H. Dobyns, P. Doughty and H. Lasswell (Eds.), *Peasants, Power and Applied Social Change*; H. Heisler, *A Reconsideration of the Theory of Community Development*, in *International Social Work*, Vol. XIV, No. 2, 1971; R. Perlman and A. Gurin, *Community Organisation and Social Planning*; A. H. Savile, *Extension in Rural Communities*; H-P. Yang, *Fact-Finding with Rural People*, F.A.O.

#### SA178 Social and Economic Aspects of Urbanisation (Seminar)

Professor Nevitt and Mr Wassenhoven. One-and-a-half hours weekly, Sessional.

For Dip. Soc. Plan.; M.Sc.

**Syllabus** Social and economic background to housing systems. The nature of the housing market. Land tenure and ownership. The formation of housing and associated urban planning policies at national and local levels. The identification of problems: slums, overcrowding, multi-occupation, homelessness, squatters and shanty towns.

The assessment of housing need and the formulation of objectives. Decision-making and the planning process. The relationship between planning and administration. Housing management. The impact of housing and planning policies on individuals, groups and urban systems. Policy evaluation.

**Recommended reading** C. Abrams,

*Housing in the Modern World*; G. Breese (Ed.), *The City in Newly Developing Countries*; J. Butler and P. Cooke, *Urbanization*; E. Jones, *Towns and Cities*; World Bank, *Urbanization* (Working Paper, 1972); *Population Planning* (Working Paper, 1972); *Housing* (Policy Paper 1975); *Urban Transport* (Policy Paper 1975); J. Jacobs, *The Economy of Cities*; E. A. J. Johnson, *The Organization of Space in Developing Countries*; Roy Turner (Ed.), *India's Urban Future*; D. J. Dwyer, *People and Housing Third World Cities*; M. B. Clinard, *Slums and Community Development: Experiments in Self-Help*; Wallace F. Smith, *Housing the Social and Economic Elements*; L. Needleman, *The Economics of Housing*; D. V. Donnison, *The Government of Housing*; H. S. Perloff (Ed.), *The Quality of the Urban Environment*.

#### SA179 Social Implications of Education (Seminar)

Mrs Hardiman. One-and-a-half hours weekly, Sessional.

For Dip. Soc. Plan.; M.Sc.

**Syllabus** Education systems as systems of social control: the process of selection, motivation and recruitment in education; intelligence testing, streaming, examinations. Cross-cultural comparisons of the modes and extent of social mobility through education. The relationship between educational and occupational structures.

The content of education as a variable in educational attainment. Competing ideologies in education: equality of opportunity, positive discrimination, de-schooling and implications for curriculum development.

Educational systems as organisations: resource allocation to different sectors of the educational system; the management of resources; distribution and status within and between schools and other educational institutions. The management of innovation in education.

Special areas: education and minority groups; education and peer group cultures; education and the labour market.

**Recommended reading** O. Banks, *The Sociology of Education*; M. Blaug, *Introduction to the Economics of Education*; M. Blaug (Ed.), *Economics of Education*, Vols. I and II; L. Hansen (Ed.), *Education, Income and Human Capital*; M. Blaug, R. Layard and M. Woodhall, *Causes of*

*Graduate Unemployment in India*; A. H. Halsey, Jean Floud, C. Arnold Anderson, *Education, Economy and Society*; D. Adams, *Education in National Development*; J. Vaizey, *Education in the Modern World*; J. W. Hanson and C. S. Brembeck (Eds.), *Education and the Development of Nations*; G. D. Spindler, *Education and Culture*; I. Illich, *Deschooling Society*; E. Reimer, *School is Dead*; I. Berg, *Education and Jobs*; UNESCO International Institute for Educational Planning: *Fundamentals of Educational Planning*, No's 1-13; E. Hopper (Ed.), *Readings in the Theory of Educational Systems*; P. Foster, *Education and Social Change in Ghana*; J. A. Fishman, C. A. Ferguson and J. Das Gupta (Eds.), *Language Problems of Developing Nations*.

### Personnel Management

#### Diploma Courses

##### SA200 Principles and Practice of Personnel Management

Baroness Seear and others.

Sessional.

For Diploma in Personnel Management.

**Syllabus** These lectures trace the development of personnel management and examine the place of the personnel specialist in industrial and commercial organizations. The main aspects of personnel policy are discussed and the developing practices of different organizations are studied. The topics include: manpower forecasting and planning recruitment; appraisal and promotion; incentives and the principles and methods of remuneration; problems of communication, consultation and participation.

**Recommended reading** A bibliography will be recommended during the course of the lectures.

##### SA200(a) Classes

Sessional. In connection with Course SA200.

##### SA200(b) Personnel Management: Case Studies

Baroness Seear. Lent Term.

##### SA201 Training and Development

Mr Guest and others. Twenty lectures, Michaelmas and Lent Terms.

**Syllabus** The training system. Training of operatives, craftsmen, supervisors and managers. Government policies on training and education. The Training Boards. The role of training and the training officer. Concepts of organization development.

**Recommended reading** J. P. Campbell, M. D. Dunnette, E. E. Lawler and K. E. Weick, *Managerial Behaviour, Performance and Effectiveness* (esp. chaps. 4 & 10-13); W. L. French and C. H. Bell, *Organization Development*; I. K. Davies, *The Management of Learning*; R. F. Mager and K. M. Beach, *Developing Vocational Instruction*; P. M. Fitts and M. I. Posner, *Human Performance*; D. H. Holding, *Principles of Training*; P. Hesselting, *Strategies of Evaluation Research*; A. C. Hamblin, *Evaluation and Control of Training*.

##### SA201(a) Classes

Ten classes, Lent Term.

In connection with course SA201.

##### SA202 Industrial Psychology

Mr R. Holmes. Ten lectures, Michaelmas Term.

For Diploma in Personnel Management. **Syllabus** Individual maturation and adjustment.

Factors leading to the formation of industrial groups. Morale and its breakdown; co-operative and competitive situations, resistance to change. Psychological and organizational factors in communication.

The nature of incentives; supervisory and other leadership. Personnel counselling. Supervisory training.

**Recommended reading** N. R. F. Maier, *Psychology in Industry*; M. S. Viteles, *Motivation and Morale in Industry*; J. Piaget, *The Moral Judgment of the Child*; J. A. C. Brown, *The Social Psychology of Industry*; W. Brown, *Exploration in Management*; H. Croome, *Human Problems of Innovation*; H. J. Eysenck, *Uses and Abuses of Psychology*; J. Woodward, *Management and Technology*; L. R. Sayles, *The Behaviour of Industrial Work Groups*; W. F. Whyte and others, *Money and Motivation*; A. Zalesnik and others, *The Motivation, Productivity and Satisfaction of Workers*.

**SA202(a) Industrial Psychology (Class)**

Mr R. Holmes. In connection with Course SA202.

**SA203 Methods of Social Research in Industry**

Mr Guest. Ten lectures and ten classes, Lent Term.

For students who will be undertaking project work as Part of the Diploma in Personnel Management.

**Note** The numbers of the additional courses taken by Diploma in Personnel Management students are listed on page 208.

**Non-Diploma Course**

**SA210 Introduction to Personnel Management**

Baroness Seear. Five lectures, Lent Term.  
For M.Sc.

**Diploma in Social Work Studies**

(This Diploma replaces the Diploma for Social Workers in Mental Health and the Diploma in Applied Social Studies.)

**Note** Lectures and seminars numbered SA300 to SA316 are restricted to students registered for this course and M.Sc. Social Administration and Social Work Studies, Option B.

**SA300 Theory and Methods of Social Work**

Miss Butrym, Mrs Thomas, Mrs Williams and others.  
Introductory Lectures.  
Michaelmas Term.

**SA301 Principles and Practice of Social Work**

Miss Elkan, Mrs Williams, Mrs Bridge, Miss Hickin and Mrs Harwin.  
Twenty-seven seminars, Sessional.

**Syllabus** The aim of the seminars is to provide the necessary background theory through a study of concepts and methods used in social work. The seminars are closely related to the various lecture courses and form a bridge between these and field work.

**SA302 Sociology and Social Work**

Mr Sage, Miss Reich and others.  
Twenty lectures, Michaelmas and Lent Terms.

**Syllabus** The Sociological contributions to social work. Theories of society, community, family, organizations, perspectives on social problems, the role of social work in society professionalism and professional ideologies. Conflicting perspectives are discussed in order to enhance an understanding of the social meaning of social work.

**SA303 Human Growth and Development**

Various lecturers. Twenty lectures, Michaelmas and Lent Terms.

**Syllabus** The biological and psychological development of the individual from birth until old age, and the relevance of modern theories of personality to each phase of development. Deviations from the normal commonly met with in social work practice. Parent-child relationships, family dynamics and the psychology of marriage. The implications of such adverse experience as emotional deprivation, illness, bereavement and placement in an abnormal environment.

**SA304 Themes in Clinical Psychiatry**

Dr J. Christie Brown. Twelve lectures, Michaelmas and Lent Terms.

**Syllabus** The concept of mental illness and its significance in medical and psychiatric practice. The interplay of somatic, psychological, and social interactional variables in the genesis of symptoms, interpersonal difficulties, and deviant behaviour. The work of the psychiatric team. The phenomena and classification of mental illness, and the contrasting features of different syndromes. Consideration of each of the main groups of syndromes, with special regard to (a) theories concerning biological, developmental and psychosocial

aspects of causation; and (b) a multi-dimensional approach in management and treatment. The scope and limitations of somatic (physical) methods of treatment. Types of psychotherapy and indications and contra-indications for their use. Social treatment and family therapy; management in the hospital and in the community.

**Recommended reading** E. W. Anderson and W. M. Trethowan, *Psychiatry* (3rd edn.); W. Mayer-Gross, E. T. O. Slater and M. Roth, *Clinical Psychiatry* (3rd edn.); A. Clare, *Psychiatry in Dissent: A Glossary of Mental Disorders*; General Register Office - Studies on Medical and Population Subjects No. 22, 1968; K. Schneider, *Psychopathic Personalities*; C. Hall, S. Calvin and G. Lindzey, *Theories of Personality*; S. Freud, *Introductory Lectures in Psychoanalysis*; O. Fenichel, *Psychoanalytic Theory of Neuroses*; V. Meyer and E. Chesser, *Introduction to Behaviour Therapy*; M. Glatt, *A Guide to Addiction and its Treatment*; A. Beck, *Depression*; M. Weissman and E. S. Paykel, *The Depressed Woman*; R. D. Laing and A. Esterson, *Sanity, Madness and the Family*; F. Post, *The Clinical Psychiatry of Later Life*; R. Cawley and G. MacLachlan, *A Policy for Action*.

**SA305 Child Psychiatry**

Dr Hersov. Ten lectures, Lent and Summer Terms.

**Syllabus** Basic principles in Child Psychiatry. Normality and abnormality in child development and mother/infant interaction. The psychiatry of the first three years of life, early childhood autism, enuresis, encopresis, tics, neurotic disorders, persistent non-attendance at school, learning disorders, conduct disorders. Psychiatric disorders associated with epilepsy, brain damage and physical handicap. Methods of treatment, prognosis and outcome of the treatment.

**Recommended reading** P. Barker, *Basic Child Psychiatry*; M. Rutter, *Helping Troubled Children*; S. Wolff, *Children Under Stress*; M. Rutter and L. Hersov, *Child Psychiatry - Modern Approaches*.

**SA306 Theories of Personality Development**

Professor Plowman. Eight lectures, Summer Term.

**Syllabus** Theories of structure and development of personality: trait, type, and factor theories; role theories; self theories; phenomenological and existential theories; learning theory; psychoanalytic theories; relevance and applications to social work.

**SA307 Groupwork**

Miss Hickin. Twenty lectures/seminars, Michaelmas and Lent Terms.

**Syllabus** MICHALEMAS TERM The aim of these sessions will be to provide students with the opportunity to learn about and experience processes and phenomena that tend to occur in all groups, but with special reference to Groupwork in social work. Will include concepts drawn from small group theory, group development and models of social groupwork practice. LENT TERM The aim of these sessions will be to focus on the family as a group and most particularly on the family as a system.

**Recommended reading** T. Douglas, *Groupwork Practice*; D. Cartwright and A. F. Zander, *Group Dynamics*; M. Hartford, *Groups in Social Work*; H. Northern, *Social Work with Groups*; A. C. R. Skynner, *One Flesh Separate Persons*; S. Walrond-Skinner, *Family Therapy - The Treatment of Natural Systems*.

**SA308 Substitute Forms of Care**

Mrs Williams. Five lectures, Lent Term.

**Syllabus** Study of residential care, fostering and adoption; relevant theories, policy and practice. Differential objectives of various forms of care related to differential need. Examination of literature concerning the use of different forms of care and evaluative studies.

**Recommended reading** will be given during the course, but includes Williams Committee Report, *Caring for People*; R. Barton, *Institutional Neurosis*; E. Goffman, *Asylums*; D. Martin, *Adventure in Psychiatry*; E. Rapoport, *Community as Doctor*; B. Dockar-Drysdale, *Therapy in Child Care*; B. Dockar-Drysdale, *Consultation in Child Care*; C. Beedell, *Residential Life with Children*; J. Berry, *Daily Experience in Residential Life*; A. Whitehead, *In the Service of Old Age*; R.

Apte, *Half Way Houses*; R. Parker, *Decision in Child Care*; D. Fanshel, *Foster parenthood, a role analysis*; V. George, *Foster-care-Theory and Practice*; J. Triseliotis, *Evaluation of Adoption Policy and Practice*; A. McWhinnie, *Adopted children - how they grow up*; National Foundation for Education Research in England and Wales, *Born Illegitimate*; National Children's Bureau, *Growing Up Adopted*.

### SA309 Psycho-Social Aspects of Health Care

Miss Butrym. Eight lectures, Summer Term.

**Syllabus** Study of the differing concepts of health and medical care, the various factors influencing these, and their effects on the health services. Particular attention will be given to the following more specific aspects of the theme: the cultural and social influences affecting people's attitudes towards health, sickness, and medical care; the characteristics of the various health institutions including the issues involved in an integration of the scientific and the "whole person medicine" approaches; the place of social work in promoting health through participation in preventive, therapeutic and rehabilitative programmes; and the various obstacles to a truly effective contribution by social workers in this field.

**Recommended reading** E. K. Ledermann, *Philosophy and Medicine*; P. Nokes, *The Professional Task in Welfare Practice*; R. M. Titmuss, 'Science and the Sociology of Medical Care' in *Essays on the Welfare State*; World Health Organisation, *Psychosomatic Disorders*; R. J. Dubos, *Mirage of Health*; R. J. Dubos, *Man, Medicine and Environment*; J. Merskey and F. G. Spear, *The Psychological and Psychiatric Aspects of Pain*; A. Storr, *The Psychological Effects of Physical Illness*; B. Abel-Smith, *The Hospitals 1800-1948*; M. Balint, *The Doctor, the Patient, and the Illness*; R. J. S. Brown, *The Changing National Health Service*; A. Cartwright, *Human Relations and Hospital Care*; A. Cartwright, *Patients and Doctors*; D. Robinson, *The Process of Becoming Ill*; L. Burton (Ed.), *Care of the Child Facing Death*; J. Hinton, *Death*; E. Kuebler-Ross, *On Death and Dying*; C. Murray-Parkes, *Bereavement: Studies*

*in Grief in Adult Life*; E. Goffman, *Stigma*; E. Miller and G. V. Gwynne, *Life Apart*; S. Sainsbury, *Registered as Disabled*; S. Sainsbury, *Measuring Disability*; C. P. Brearley, *Social Work, Ageing and Society*; D. B. Bromley, *The Psychology of Human Ageing*; E. M. Goldberg, *Helping the Aged*; A. V. Campbell, *Moral Dilemmas in Medicine*; R. M. Titmuss, *The Gift Relationship*; H. M. Bartlett, *Social Work Practice in the Health Field*; Z. T. Butrym, *Social Work in Medical Care*; E. M. Goldberg and J. E. Neill, *Social Work in General Practice*; R. Huws Jones, *The Doctor and the Social Services*; H.M.S.O., *Social Work Support for the Health Service*, June, 1974.

### SA310 Social Policy and Administration

Dr M. Brown. Fifteen lectures, Michaelmas and Lent Terms.

**Syllabus** A Review of post war social policy including an evaluation of its objectives, methods and effectiveness. Problems of the welfare state: e.g. poverty and urban deprivation; the persistence of inequality; organisational constraints; the economic factor. New developments and the search for solutions: positive discrimination and the priority area approach; the Urban Aid and the Community Development programmes; reorganisation of local government, NHS and personal social services; planning and priorities; public participation in planning. Ideology and welfare: the continuing debate.

**Recommended reading** R. M. Titmuss, *Commitment to Welfare*; P. Townsend and N. Bosanquet (Eds.), *Labour and Inequality*; J. C. Kincaid, *Poverty and Equality in Britain*; F. Field, *Unequal Britain: A Report of the Cycle of Inequality*; M. Young (Ed.), *Poverty Reports 1974/75*; P. Wedge and H. Prosser, *Born to Fail*; D. Wedderburn, *Poverty, inequality and the Class Structure*; K. Coates and R. Silburn, *Poverty, the Forgotten Englishman*; P. Townsend, *Sociology and Social Policy*; M. Brown, *Introduction to Social Administration: Britain*; P. G. Richards, *The Reformed Local Government System*; R. G. S. Brown, *The Management of Welfare*; Office of Health Economics, *The NHS Reorganisation, 1974*; Redcliffe Maud and

Wood, *English Local Government Reformed*; K. Jones (Ed.), *The Year Book of Social Policy in Britain, 1971*; M. J. Brown and R. Faver, *Planning for Service Central Policy Review Staff, A Joint Framework for Social Policies*; Department of Health and Social Security, *Priorities for Health and Personal Social Services*; H. Glennerster (Ed.), *Labour's Social Priorities*; H. Glennerster and S. Hatch, *Positive Discrimination and Inequality*; M. Mayo, *Community Development and Urban Deprivation*; D. Jones and M. Mayo (Eds.), *Community Work One*; D. Jones and M. Mayo (Eds.), *Community Work Two*; R. Holman *et al*, *Socially Deprived Families in Britain*; P. Marris and M. Rein, *Dilemmas of Social Reform*; A. H. Halsey, *Educational Priority*; S. Hatch, *Towards Participation in Local Services*; The National Community Development Project, *Inter Project Report*; The National Community Development Project, *Forward Plan 1975/76*; M. Brown, *The Joint Social Information Unit*; Gullbenkian Foundation, *Current Issues in Community Work*; D. V. Donnison, 'Policies for Priority Areas' in *Journal of Social Policy*, Vol. 3, Part 2, 1974; D. V. Donnison and D. Eversley (Eds.), *London: Urban Patterns, Problems and Policies*; D. V. Donnison *et al*, *Social Policy and Administration Revisited*; D. V. Donnison *et al*, *Sociology and Social Policy*; Hall, Land, Parker and Webb, *Change, Choice and Conflict in Social Policy*; H. Forster, *Concepts in Social Administration*; W. G. Runciman, *Relative Deprivation and Social Justice*; V. George and P. Wilding, *Ideology and Social Welfare*; R. Dahrendorf, *The New Liberty*; B. Holman (Ed.), *Social Welfare in Modern Britain*; W. A. Robson, *Welfare State and Welfare Society*.

### SA311 The Social Work Electives

Weekly Seminars, Sessional in one of the following areas of study:

#### Child Welfare

Mrs Thomas and Mrs Williams. **Syllabus** Consideration of objectives in child welfare reached through an examination of children's needs and rights. Social and emotional factors

hindering the attainment of objectives. Responses required to meet needs at primary, secondary and tertiary levels of intervention. Relationship between broad scale social policies and personal social services. Links between policy, provision and practice, in relation to community based services and substitute care. The social work contribution will be considered through the use of theoretical concepts research studies and case material illustrating different methods of intervention in respect of individuals, families, groups, communities and policymaking. **Recommended reading** will be given during the course but includes - J. Packman, *The Child's Generation*; M. Kellmer-Pringle, *The Needs of Children*; H. Maier, *Three Theories of Child Development*; J. Bowlby, *Attachment*; J. Bowlby, *Separation*; M. Rutter, *Maternal Deprivation Reassessed*; W. Jordan, *Poor Parents*; R. Holman, *Socially Deprived Families in Britain*; Finer Report, *One Parent Families*; W. Ackerman, *The Psychodynamics of Family Life*; D. W. Winnicott, *The Family and Individual Development*; G. Caplan, *An Approach to Community Mental Health*; A. Leeding, *Child Care Manual*; D. Maclay, *Treatment for Children*; W. Jordan, *The Social Worker in Family Situations*; C. H. Kempe and R. E. Helfer, *Helping the Battered Child and His Family*; J. Berry, *Social Work with Children*; C. Beedell, *Residential Life with Children*; V. George, *Foster Care, Theory and Practice*; J. Rowe, *Parents, Children and Adoption*; E. Holgate (Ed.), *Communicating with Children*; N. Timms, *The Receiving End*; R. Tod (Ed.), *Children in Care*; R. Parker, *Placing for Deprived Children*.

#### Mental Health and Mental Disorder

Miss Reich and Mrs Harwin.

**Syllabus** In this elective course the social process and factors affecting the development and provisions in the mental health field will be traced and discussed with special reference to the implications for the personal social services, and the changing role of the social work practitioners.

The areas of study are intended to supplement and extend core material presented in the course, and to provide

an opportunity to examine the relevance of comparative models and theoretical perspectives for the care and rehabilitation of the mentally ill and the development of the mental health services. Group projects will be undertaken in the Lent Term. Topics will include: Models, perceptions, and attitudes to mental illness in historical perspective. Psychiatry and anti-psychiatry; the rights of the mentally ill. The societal reaction and the 'career' of the mental patient. Social class and mental illness. Patterns of institutional care from mental hospital to therapeutic community. Treatment and care in schizophrenia and depressive illness. Primary health care, community care and interdisciplinary collaboration.

**Recommended reading** A. Clare, *Psychiatry in Dissent*; K. Jones, *A History of the Mental Health Services*; D. H. Clark, *Social Therapy on Psychiatry*; H.M.S.O., *Better Services for the Mentally Ill*; R. Boyer and R. Orrill, *Laing and Anti-Psychiatry*; L. Gostin and J. Jacob, *A Human Condition - The Mental Health Act Explained*; I. M. Martin, J. Nurse and J. Gleisner, *Aspects of the Social Care of the Mentally Ill*; J. K. Wing and G. W. Brown, *Institutionalism and Schizophrenia*; N. Martin, *Adventures in Psychiatry*; M. Jones, *Beyond the Therapeutic Community*; R. Z. Apte, *Halfway Houses*; A. Hollingshead and F. C. Redlich, *Social Class and Mental Illness*; T. Scheff, *Being Mentally Ill*; J. Dominian, *Depression*; J. K. Wing and C. Creer, *Schizophrenia at Home*. Further references will be suggested throughout the year.

### III Health and Disability, and Old Age

Miss Butrym.

**Syllabus** Problems of definition and categorisation: what is health and what constitutes ill health?; the incidence and prevalence of physical handicap; the old and the "old old". Social Policies and Provisions with regard to the needs of old people, the physically ill and the handicapped, including primary health care, hospital and other forms of residential treatment, community care and rehabilitation services. The place of social work in relation to old people, those who are sick, terminally ill,

chronically sick and physically handicapped. Distinct features of social work practice in the various health care settings. The challenge of multi-disciplinary practice.

**Recommended reading** B. Abel-Smith, *The Hospitals 1800-1948*; J. Agate and M. Meacher, *The Care of the Old*; H. M. Bartlett, *Some Aspects of Social Casework in a Medical Setting*; P. Brearley, *Social Work, Ageing and Society*; J. B. Bromley, *The Psychology of Human Ageing*; N. Bosanquet, *New Deal for the Elderly*; Z. T. Butrym, *Social Work in Medical Care*; Z. T. Butrym, *Medical Social Work in Action*; A. V. Campbell, *Moral Dilemmas in Medicine*; A. Cartwright, *Human Relations and Hospital Care*; A. Cartwright, *Patients and Doctors*; Central Council for the Education and Training in Social Work, *People with Handicaps Need Better Trained Workers*, Paper No. 5, 1974; E. Cumming and W. E. Henry, *Growing Old: The Process of Disengagement*; Department of Health and Social Security, Working Party, *Social Work Support for the Health Service*; R. J. Dubos, *Mirage of Health*; R. J. Dubos, *Man, Medicine and Environment*; J. A. S. Forman and E. M. Fairbairn, *Social Casework in General Practice*; E. Goffman, *Stigma*; E. M. Goldberg and J. E. Neill, *Social Work in General Practice*; E. M. Goldberg, *Helping the Aged*; A. Harris et al, *Handicapped and Impaired in Great Britain*; K. Hazell, *Social and Medical Problems of the Elderly*; J. Hinton, *Death*; P. Hunt (Ed.), *Stigma*; R. Huws Jones, *The Doctor and the Social Services*; I. Illich, *Medical Nemesis*; R. Klein, *Complaints Against Doctors: A Study in Professional Accountability*; E. Kuebler-Ross, *On Death and Dying*; P. Marris, *Loss and Change*; J. Merskey and F. G. Spear, *The Psychological and Psychiatric Aspects of Pain*; E. Miller and G. V. Gwynne, *Life Apart*; C. Murray-Parkes, *Bereavement: Studies In Grief In Adult Life*; L. Pincus, *Death and the Family*; P. Ramsay, *The Client as a Person: Exploration in Medical Ethics*; V. Reynolds, *The Biology of Human Action*; D. Robinson, *The Process of Becoming Ill*; S. Sainsbury, *Registered as Disabled*; S. Sainsbury, *Measuring Disability*; E. Shanas et al, *Old People in Three Industrial Societies*; M. Stacey et al,

*Hospitals, Children and their Families*; E. Topliss, *Provision for the Disabled*; G. Travis, *Chronic Disease and Disability*; D. T. Tuckett (Ed.), *An Introduction to Medical Sociology*; M. Voysey, *A Constant Burden*; World Health Organisation, *Psychosomatic Disorders*.

### Crime and Delinquency

Mr Sage.

**Syllabus** Defining 'crime and delinquency'; theories of causation based on sociological and psychological understanding; ideologies of 'treatment', 'control' and 'punishment'; societal reaction; role and structure of the penal system; role of the Probation and After-Care Service; role of Social Services Departments; role of related and voluntary agencies; role of the police; the mentally abnormal offender; the female offender; the violent offender; case studies; comparative and evaluative studies.

**Recommended reading** S.Box, *Deviance, Reality and Society*; W. Carson and P. Wiles, *Crime and Delinquency in Britain*, Vol. I; H. Eysenk, *Crime and Personality*; K. Friendlander, *The Psycho-analytic Approach to Juvenile Delinquency*; R. Giallambardo (Ed.), *Juvenile Delinquency*; E. Glover, *The Roots of Crime*; J. B. Mays (Ed.), *The Social Treatment of Young Offenders*; J. B. Mays (Ed.), *Juvenile Delinquency, the Family and the Social Group*; M. Phillipson, *Sociological Aspects of Crime and Delinquency*; P. Rock and M. McIntosh (Eds.), *Deviance and Social Control*; I. Taylor, I. Walton and J. Young, *The New Criminology*; G. Trasler, *The Explanation of Criminality*.

### Community Needs and Processes

**Lecturer** to be announced.  
**Syllabus** The Concept of community, types of community; the family, variation and change, interrelationships between needs of its members and community; social service department as a resource system, service delivery, client satisfaction and participation; primary secondary and tertiary prevention in social work intervention with individuals and groups.

**Recommended reading** R. Nisbet, *The Sociological Tradition*; C. Bell and H. Newby, *Community Studies*; D. Barker

and S. Allen, *Dependence and Exploitation in Work and Marriage*; J. Klein, *Samples from English Culture*; H.M.S.O., *Report on the Committee of One Parent Families*; D. Barker and S. Allen, *Sexual Divisions and Society: Process and Change*; M. Mayo, *Women in the Community*; Brunel Institute of Organisation and Social Services, *Social Services Departments: Developing Patterns of Work and Organisation*; J. Mayer and N. Timms, *The Client Speaks*; O. Stephenson, *Claimant or Client*; N. Timms, *The Receiving End - Consumer Accounts of Social Help for Children*; H.M.S.O., *Report of the Committee on Local Authorities and Allied Personal Social Services*; A. Glampson, T. Scott and D. Thomas, *A Guide to the Assessment of Community Needs and Resources*; P. Leonard (Ed.), *The Sociology of Community Action*; C. Caplan, *An Approach to Community Mental Health*.

### SA312 Law, Rights and Social Work

Professor Zander and others.  
Ten lectures, Lent Term.

Students may also choose from specialist interest classes which may include the following:

### SA313 Psychoanalytic Concepts

Miss Elkan. Summer Term.

### SA314 Marital Interaction

Staff from the Institute of Marital Studies.  
Two Seminars. Summer Term.

### SA315 Family Therapy

Miss Hitchin. Summer Term.

### SA316 Social Work with Immigrants

Lecturer to be announced.  
Summer Term.

Alternative and/or additional seminars may be offered.

**For M.Sc. Social Administration  
and Social Work Studies, Option B.**

**SA317 Social Work Studies**

Miss Butrym and Mrs Thomas.

Twenty-five seminars, Sessional.

**Syllabus** Value orientations underlying social work and their relationship to professional ethics. The impact of public attitudes, social policies and legislation on social work. Social control, social caring and social changes. The knowledge base of social work. Genericism and specialisms. Research in social work. The nature of the social work process of study assessment and helping and the various ways of conceptualising it. The place of the professional relationship in social work. Current issues relating to social work functions and its place in society.

**Recommended reading** H. H. Bartlett, *Analyzing Social Work Practice by Fields*; H. Bartlett, *The Common Base of Social Work Practice*; Z. T. Butrym, *The Nature of Social Work*; Central Council for Education and Training in Social Work, *Values in Social Work*; Discussion Paper No. 13, 1976; R. S. Downie and E. Telfer, *Respect for Persons*; M. L. Ferard and N. K. Hunnybun, *The Caseworker's Use of Relationship*; E. M. Goldberg, *Helping the Aged*; E. M. Goldberg and J. E. Neill, *Social Work in General Practice*; H. Goldstein, *Social Work Practice: A Unitary Approach*; B. Heraud, *Sociology and Social Work*; F. Hollis, *Casework: A Psychosocial Therapy*; H. Jones (Ed.), *Towards a New Social Work*; B. Jordan, *Poor Parents*; A. Keith-Lucas, *Giving and Taking Help*; R. Lees, *Politics and Social Work*; F. McDermott (Ed.), *Self-Determination in Social Work*; J. Mayer and N. Timms, *The Client Speaks*; C. Meyer, *Social Work Practice - the Changing Landscape*; P. Nokes, *The Professional Task in Welfare Practice*; H. H. Perlman, *Social Casework: A Problem Solving Process*; A. Pincus and A. Minahan, *Social Work Practice: Model and Method*; R. Plant, *Social and Moral Theory in Social Casework*; W. J. Reid and A. W. Shyne, *Brief and Extended Casework*; R. W. Roberts and R. H. Nee, *Theories of Social Casework*; E. E. Sainsbury, *Work with Families*; E. E. Sainsbury, *Social Diagnosis in Casework*; G. Smith, *Social*

*Work and the Sociology of Organisations*; N. Timms, *Social Casework: Principles and Practice* (Chap. 1); W. L. Tonge *et al*, *Families Without Hope*, F. Turner (Ed.), *Differential Diagnosis and Treatment in Social Work*; E. Younghusband (Ed.), *Social Work and Social Values*.

**SA318 Social Work Practice**

Miss Reich and Mr Sage.

Sessional.

**Syllabus** This seminar is aimed at developing an understanding of the theoretical bases and rationale underlying the role of the social work practitioner. It is intended to examine and explore the generic conceptual framework, and the nature of the skills and interventive strategies across a wide area of social problems. 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 unitary approach and the social systems model. The nature of therapeutic relationship and the social context of the interview. 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.

**Recommended reading** R. W. Roberts and R. H. Nee (Eds.), *Theories of Social Casework*; A. Pincus and A. Minahan, *Social Work Practice: Model and Method*; H. H. Bartlett, *The Common Base of Social Work Practice*; S. Briar and H. Miller, *Problems and Issues in Social Casework*; C. Rogers, *Client-Centred Therapy*; W. W. Reid and L. Epstein, *Task-Centered Casework*; D. Jehu *et al*, *Behaviour Modification in Social Work*; C. P. Cross (Ed.), *Interviewing and Communication in Social Work*.

Further references will be suggested during the seminar on specific areas.

**SA319 Issues in Social Policy**

Dr M. Brown and Miss Sainsbury.

Sessional.

**Syllabus** The meaning and nature of social policy; its formulation, objectives and determinants. The social, political and economic context of policy implementation: resource constraints,

central/local government relations etc. Social and political theory in relation to social policy: modes of welfare, theories legitimising intervention, value and principles in the welfare state. Notions of progress and evaluation.

**Recommended reading** R. M. Titmuss, *Social Policy*; R. M. Titmuss, *Essays on the Welfare State*; R. Pinker, *Social Theory and Social Policy*; P. Hall, H. Land, R. Parker and A. Webb, *Change, Choice and Conflict in Social Policy*; W. G. Runciman, *Relative Deprivation and Social Justice*; R. Dahrendorf, *Philosophy, Politics and Society*; M. Friedman, *Capitalism and Freedom*; R. Dahrendorf, *Essays on the Theory of Society*; A. Briggs, 'The Welfare State in Historical Perspective', in C. I. Scholtland (Ed.), *The Welfare State*; W. H. Beveridge, *Full Employment in a Free Society*; F. Hayek, *The Road to Serfdom*; K. Popper, *The Poverty of Historicism*; A. P. d'Entreves (Ed.), *Selected Political Writings*; J. Rawls, *A Theory of Justice*; H. Glennerster, *Social Service Budgets and Social Policy*; D. Mackie and C. Cook, *The Decade of Disillusion: The 1960s*; J. P. Mackintosh, *The British Cabinet*; J. E. Powell, *Medicine and Politics*; A. S. Hall, *Point of Entry*; J. Packman, *Child Care: Needs and Numbers*; B. Davies, *Social Needs and Resources in Local Services*; P. Townsend (Ed.), *The Concept of Poverty*; B. Jordan, *Poor Families*; P. Wedge and H. Prosser, *Born to Fail*; R. K. Merton and R. Nisbet, *Contemporary Social Problems*; P. Morris and M. Rein, *Dilemmas of Social Reform*; D. P. Moynihan, *Maximum Feasible Misunderstanding*; D. Wedderburn, *Poverty, Inequality and the Class Structure*; D. V. Donnison, *The Government of Housing*; A. A. Nevitt, *Fair Deal for Householders*.  
Reference should be made to the following course:

**SA153 Social Policy Research**

**Fieldwork Supervisors to the M.Sc and the Diploma in Social Work Studies**

Mrs K. Allison Miss J. Treseder Mrs D. Holbrook Miss V. Goitein Miss J. Rainey Miss E. Usher Mrs E. Munroe Miss L. Hughes Miss N. Sheehan	}	The Bethlem Royal and Maudsley Hospitals, Denmark Hill, SE5 8AZ
Miss G. Miles Mrs R. Prestage Miss E. Seigal Miss E. Smith		The Child Guidance Training Centre, 120 Belsize Lane, NW3 5BA
Miss H. Brown	}	Harold Wood Hospital, Department of Social Work, Harold Wood, Essex
Miss P. Blount Mrs T. Stollar		New Charing Cross Hospital, Department of Medical Social Work, Fulham Palace Road, SW6
Miss M. N. Knight	}	The London Hospital, Department of Social Work, Whitechapel, E1 1BB
Mrs J. Lloyd		The Hammersmith Hospital, Department of Social Work, 150 Du Cane Road, W12
Miss B. Fowles Mrs T. Prior	}	Department of Social Work, St. George's Hospital, Blackshaw Road, SW17
Miss M. Bailey Miss J. Hindson		Middlesex Hospital Medical School, Academic Department of Psychiatry, Mortimer Street, W1N 8AA
Miss S. Hill	}	The Middlesex Hospital, Department of Medical Social Work, Mortimer Street, W1N 8AA
Mr H. Gee		The Middlesex Hospital, Department of Psychiatry, St. Luke's-Woodside Hospital, N10
Mrs P. Thomas	}	Hospital for Sick Children, Great Ormond Street, WC1
Mrs M. Abramsky Miss C. Tolaini Mrs J. Anderson Mrs M. Maguire Mrs J. Pappenheim		The Royal Free Hospital, Department of Psychological Medicine, Pond Street, NW3

Mrs J. Jordan Mrs F. Mendoza Miss O. Butland	}	University College Hospital, Children's Psychiatric Department, Gower Street, WC1E 6AU
Miss S. Manley		University College Hospital, Department of Medical Social Work, Gower Street, WC1E 6AU
Miss F. Abingdon	}	Walthamstow Child Guidance Clinic, Hurst Road Health Centre, Forest Road, E17 3BL
Mr P. Harris		London Borough of Hackney, Social Services Department, 1 Hoxton Street, N1
Miss M. Walker Mr B. Bennett Mrs J. Foster	}	London Borough of Hammersmith, Social Services Department, 160 Coningham Road, W12
Mrs R. Ellis		Hillingdon Social Services Department, Old Bank House, High Street, Uxbridge
Miss C. Roskill Mr E. Ferron	}	London Borough of Wandsworth, Social Services Department, Municipal Buildings, Wandsworth High Street, SW18
Mr B. Symonds		London Association of Housing Estates, 17 Victoria Park Square, E2
Miss S. Einhorn	}	London Borough of Islington, Social Services Department, Drayton Park Team, 41 Witherington Road, N5
Mrs A. Spenser		Royal Orthopaedic Hospital, Social Services Department, Brockley Hill, Stanmore, Middlesex
Miss A. Sloan	}	West London Family Service Unit, 36 Colville Terrace, W11
Miss G. Blech		Queens Park Family Service Unit, 604 Harrow Road, W10
Mr J. Kitto	}	Greenwich Child Guidance Clinic, 18 Glenluce Road, SE3
Miss A. Burden		London Borough of Harrow, Social Services Department, Peel Road, Wealdstone, Harrow, Middlesex
Miss S. Williams	}	London Brough of Bromley, Social Services Department, Park House, Beckenham Lane, Bromley, Kent

This list does not include supervisors who are supervising for the School for the first time this year.



## Sociology

### I UNDERGRADUATE COURSES

#### So100 Introduction to Sociology

Professor Cohen. Thirty-five lectures, Sessional.

For B.Sc. main fields Soc. 1st yr., Geog., Maths., Stats., Comp., Act. Sci., Soc. Psych., B.Sc. (Econ.) Parts I and II. Optional for B.Sc. S.S. and A. 1st yr.

**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: inequality within and between societies; family and marriage; sex and gender roles; conformity and deviance; the universality of certain forms of social life; sociological and other explanations of social phenomena.

**Recommended reading** will be given during the course.

#### So100(a) Introduction to Sociology (Classes)

Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Geog., Maths., Stats., Comp., Act. Sci., Soc., Soc. Psych.

#### So101 Comparative Social Structures

Mr Burrage, Dr Sklair, Dr Crouch and Mr Stewart. Twenty-five lectures, Sessional.

For B.Sc. c.u. main fields Soc. 2nd yr., Soc. Anth. 2nd yr.; B.Sc. (Econ.) Part II.

**Syllabus** Comparative method in the analysis of social structure. Power and authority in bureaucratic and feudal societies. Social stratification and mobility in complex pre-industrial societies; slavery. Kinship systems, belief systems and economic organization in complex pre-industrial societies. Economic institutions and the origins of industrial societies. Power, authority and elites in various industrial societies; social class and social mobility.

The family and religion in industrial societies.

**Recommended reading** will be given during the course.

#### So101(a) Comparative Social Structures (Classes)

Twenty classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. 2nd yr., Soc. Anth. 2nd yr.; B.Sc. (Econ.) Part II.

#### So102 Sociological Theory

Mrs Barker. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. 2nd yr., Soc. Anth. 2nd yr.; B.Sc. (Econ.) Part II; B.Sc. S.S. and A.; M.Sc.

**Syllabus** Nature and functions of sociological theory. Classical and contemporary theories on such problems as the nature of society, structure and culture, social facts, social action, social change and the relationship between the individual and society. Methodological and ideological concerns with the possibility of an objective knowledge of society. Comparison with non-sociological theories about society.

**Note** Some familiarity with classical social theorists such as Marx, Durkheim and Weber will be assumed for this course.

**Recommended reading** R. Aron, *Main Currents in Sociological Thought*; (2 vols.); R. Bendix and S. M. Lipset (Eds.), *Class, Status and Power*; P. Berger and T. Luckman, *The Social Construction of Reality*; M. Black (Ed.), *The Social Theories of Talcott Parsons*; T. Bottomore and M. Rubel (Eds.), *Karl Marx*; C. R. Bryant, *Sociology in Action*; P. S. Cohen, *Modern Social Theory*; L. Coser and B. Rosenberg (Eds.), *Sociological Theory*; L. Coser, *Masters of Sociological Thought*; N. J. Demerath and R. Peterson (Eds.), *System, Change and Conflict*; M. Douglas, *Purity and Danger*; *Natural Symbols*; *Rules and Meaning*; *Implicit Meanings*; E. Durkheim, *The Rules of Sociological Method*; *The Division of Labour in Society*; *Suicide*; *The Elementary Forms of the Religious Life* etc.; D. Emmet and A. MacIntyre (Eds.), *Sociological Theory and Philosophical Analysis*; A. and E. Etzioni (Eds.), *Social Change*; S. E. Finer, *Vilfredo Pareto*; R. Fletcher, *The Making of Sociology*; E. A. Gellner, *Thought and Change*; H. H. Gerth and C. W. Mills (Eds.), *From Max Weber*; A. Giddens, *Capitalism and Modern Social Theory*; M. Ginsberg,

*Essays in Sociology and Social Philosophy*; E. Goffman, *Asylums*; *The Presentation of Self in Everyday Life*; S. Lukes, *Emile Durkheim*; D. G. MacRae, *Ideology and Society*; K. Marx, *The 18th Brumaire of Louis Bonaparte*; *The Communist Manifesto*; *The German Ideology* etc.; J. MacKinnay and E. Tiryakian (Eds.), *Theoretical Sociology*; R. K. Merton, *Social Theory and Social Structure*; C. W. Mills, *The Sociological Imagination*; J. Monod, *Chance and Necessity*; R. A. Nisbet, *The Sociological Tradition*; T. Parsons, *The Structure of Social Action*; K. R. Popper, *The Poverty of Historicism*; *Objective Knowledge*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society*; T. Raision (Ed.), *Founding Fathers of Sociology*; J. Rex, *Key Problems in Sociological Theory*; K. Thompson and J. Tunstall (Eds.), *Sociological Perspectives*; L. Tiger and R. Fox, *The Imperial Animal*; M. Weber, *The Theory of Social and Economic Organisation*; *The Methodology of the Social Sciences* etc.; B. Wilson (Ed.), *Rationality*; P. Winch, *The Idea of a Social Science*; K. Wolff, *The Sociology of Georg Simmel*.

#### So102(a) Classes

Sessional.

For B.Sc. c.u. main fields Soc. 2nd yr., Soc. Anth. 2nd yr.; B.Sc. (Econ.) Part II.

#### So103 Social Research (Classes)

Lecturer to be announced.

Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. 1st yr.; B.Sc. (Econ.) Part II.

#### So104 Social and Moral Philosophy

Mrs Barker. Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc., Soc. Psych.; B.Sc. (Econ.) Part II.

**Syllabus** The course is designed to introduce awareness of philosophical problems which are of relevance to the social scientist and includes an examination of some of the assumptions and implications in social and ethical concepts; introductory definitions; a brief introduction to the thought of some of the classical philosophers; elementary logical principles and fallacies; problems of knowledge and explanation of social data. Utilitarian ethics are used to discuss the

relationship between moral and social philosophy.

**Recommended reading:** J. Hospers, *An Introduction to Philosophical Analysis*; *Human Conduct*; M. Lessnoff, *The Structure of Social Science*; J. S. Mill, *Utilitarianism*; E. Gellner, *Thought and Change*; *Legitimation and Belief*; A. MacIntyre, *A Short History of Ethics*; B. Russell, *The Problems of Philosophy*; *A History of Western Philosophy*; A. Ryan, *The Philosophy of the Social Sciences*. Further references will be given during the course.

#### So104(a) Social and Moral Philosophy (Classes)

Twenty classes, Michaelmas and Lent Terms.

#### So105 Ideologies: The Sociology of Belief Systems

Professor Gellner.

Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc. and interested graduate students.

**Syllabus** The problem of relativism. Devices used by belief systems to overcome relativism and vindicate their own authority. Internal logical organisation of belief systems; social organisation of institutions sustaining them. Typology of beliefs, and of their use in justifying social arrangements. Islam as example of traditional belief.

The lecture course will be in three parts: Relativism and Ideology (ten lectures); Modern Belief Systems (ten lectures); Traditional Belief Systems (Islam) (ten lectures).

**Recommended reading** will be given during the course.

#### So105(a) Ideologies: The Sociology of Belief Systems (Classes)

#### So106 Sociology of Knowledge and Science

Dr Swingewood and Dr Sklair.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

**Syllabus** The course is designed to study the relationship between society and the different types of knowledge produced by different institutions. The contributions to the Sociology of Knowledge of Marx,

Weber, Durkheim, Parsons, Merton, Lukacs and Goldmann will be critically examined. Different types of knowledge will be examined in terms of group, class, and elite structure. Approaches to the sociology of science; science as a social institution; scientific occupations; the scale and cost of science; norms and values of science; political sociology of science; social functions of science; opposition to science and technology; sociology of the social sciences.

**Recommended reading** will be given during the course.

### So106(a) Sociology of Knowledge and Science (Classes)

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

### So107 Society and Literature

Dr Swingewood. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

**Syllabus** The course is designed to study the relationship between the production of literature, class structure, ideology and writers as a group. Different theories of literature and society will be examined: Marx, Lukacs, Goldmann, Raymond Williams, Leo Lowenthal. Literature as a reflection of social processes and values; an examination of sociological themes in literature such as class and status consciousness, power and authority. Mass communications and literacy in modern society.

**Recommended reading** will be given during the course.

### So107(a) Society and Literature (Classes)

### So108 Environment and Heredity

Professor Glass. Six lectures, Summer Term.

This course will not be given in 1977-78.

For interested students, especially B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc.

**Syllabus** Elements of human genetics. Difficulties of analysis when graded characters are concerned. The meaning and measurement of "environment". Alternative approaches to the study of the "nature-nurture" complex. Twin and foster-child studies. The use of follow-up

inquiries. Specific illustrations of problems of analysis with reference to the trend of intelligence.

**Recommended reading** Introductory references: L. S. Penrose, *Outline of Human Genetics*; *The Biology of Mental Defect*; C. Stern, *Principles of Human Genetics*; W. C. Boyd, *Genetics and the Races of Man*; J. Sutter, *L'Eugénique*; R. S. Woodworth, *Heredity and Environment*; C. O. Carter, *Human Genetics*; J. M. Smith, *Evolution*; G. de Beer, *Charles Darwin*; J. R. Baker, *Race*; R. J. Fraser, *Introduction to Genetics*. Other references will be given during the course.

### So109 The Social Structure of Modern Britain

Dr S. Hill, Dr Crouch, Mrs Scharf, Mr Burrage and others. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Soc., Soc. Psych.; B.Sc. S.S. and A.; optional for Dip. Soc. Admin.

**Syllabus** Concepts and contemporary issues of stratification; the economic basis of stratification; élites and the distribution of power; social mobility; cultural differences and the relations between classes; the influence of the educational system. Changes in industrial structure, including forms of ownership; changes in occupational structure and in the nature and distribution of skills; the system of industrial relations. The recruitment and distribution of the population; demographic changes and their social significance; the family: its structure and functions. Patterns of community relations and structure. Religious practice and belief. Political structure: parties, voting behaviour and political institutions. Communication and mass media.

**Recommended reading** E. P. Thompson, *The Making of the English Working Class*; E. Dangerfield, *The Strange Death of Liberal England*; E. J. Hobsbawm, *Industry and Empire*; H. Perkin, *The Origins of Modern English Society, 1780-1880*; J. Foster, *Class Struggle in the Industrial Revolution*; D. A. Martin and C. J. Crouch, "England" in M. Archer and S. Giner (Eds.), *Contemporary Europe: Class, Status and Power*; J. Westergaard and H. Resler, *Class in a Capitalist Society*; A. Giddens, *The Class*

*Structure of the Advanced Societies*; A. Halsey (Ed.), *Trends in British Society since 1900*; A. B. Atkinson, *Unequal Shares: Wealth in Britain*; P. Stanworth and A. Giddens (Eds.), *Elites and Power in British Society*; J. Urry and J. Wakeford (Eds.), *Power in Britain*; Royal Commission on the Distribution of Income and Wealth, *Report No. 1*; I. Crewe (Ed.), *British Political Sociology Yearbook, Vol. 1*; G. Routh, *Occupations and Pay in Great Britain, 1906-1960*; D. Wedderburn (Ed.), *Poverty, Inequality and Class Structure*; J. H. Goldthorpe et al, *The Affluent Worker* (three monographs); W. G. Runciman, *Relative Deprivation and Social Justice*; L. Lindberg et al (Eds.), *Stress and Contradiction in Modern Capitalism*; M. Bulmer (Ed.), *Working-Class Images of Society*; D. V. Glass (Ed.), *Social Mobility in Britain*; K. Hope (Ed.), *The Analysis of Social Mobility*; A. H. Halsey et al (Ed.), *Education Economy and Society*, chaps. 28 and 38; B. Bernstein, *Class, Codes and Control, Vol. 1*; P. Townsend and N. Bosanquet, *Labour and Inequality*; C. J. Crouch, *Class Conflict and the Industrial Relations Crisis*; H. A. Clegg, *The System of Industrial Relations in Great Britain*; J. Burnett (Ed.), *Useful Toil*; A. Flanders, *The Fawley Productivity Agreements*; Z. Bauman, *Beyond Class and Elite*; C. Wright Mills, *White Collar*; J. Woodward, *Industrial Organization*; M. Zander, *Lawyers and the Public Interest*; D. G. Clark, *The Industrial Manager*; L. Tivey, *Nationalization in British Industry*; R. Manzer, *Teachers and Politics*; H. A. Turner, *Trade Union Growth Structure and Policy*; A. Flanders, *Management and Unions*; R. Hyman, *Marxism and the Sociology of Trade Unionism*; L. Panitch, *Social Democracy and Industrial Militancy*; J. F. Goodman and T. G. Whittingham, *Shop Stewards*; S. R. Hill, 'Norms, Groups and Power' in *B.J.I.R.*, July 1974; M. Silver, 'Recent British Strike Trends' in *B.J.I.R.*, March 1973; G. Bain, *The Growth of White-Collar Trade Unionism*; G. Bain and R. Price, 'Union Growth and Employment Trends in the U.K., 1964-70' in *B.J.I.R.*, November 1972; D. Lockwood, *The Black-coated Worker*; R. Lumley, *White-Collar Unionism in Britain*; O. Kahn-Freund, 'Industrial Relations and the Law' in *B.J.I.R.*,

November 1969; W. McCarthy, *Trade Unions*; A. W. Thomson and S. R. Engleman, *The Industrial Relations Act*; R. Clarke et al, *Worker Participation in Management in Britain*; K. Coates and T. Topham, *Industrial Democracy in Great Britain*; D. Martin, *A Sociology of English Religion*; B. Wilson, *Religion in Secular Society*; W. Pickering, Articles in *British Journal of Sociology*, Vol. 25, No. 1, March 1974; R. Rose, *Governing with Consent*; A. MacIntyre, *Secularisation and Moral Change*; E. Wickham, *Church and People in an Industrial City*; S. H. Beer, *Modern British Politics*; S. H. Beer and R. T. McKenzie, Articles in *Parliamentary Affairs*, Summer 1964; R. Benewick and R. E. Dowse, *Readings on British Politics and Government*; J. Blondel, *Voters, Parties and Leaders*; D. Butler and D. Stokes, *Political Change in Britain*; R. H. S. Crossman, *Inside View*; H. Eckstein, *Pressure Group Politics*; J. P. Mackintosh, *Government and Politics of Britain*; R. T. McKenzie and A. Silver, *Angels in Marble*; R. T. McKenzie, *British Political Parties*; G. C. Moodie and G. Studdart-Kennedy, *Opinions, Publics and Pressure Groups*; F. Parkin, 'Working Class Conservatives: A Theory of Political Deviance' in *British Journal of Sociology*, September 1967; P. Pulzer, *Political Representation and Elections in Britain*; R. Rose, *Politics in England*; R. Rose (Ed.), *Studies in British Politics*; P. Worsley (Ed.), *Problems of Modern Society*; J. A. Banks, *Prosperity and Parenthood*; N. H. Carrier, 'Demographic Aspects of the Ageing of the Population' in A. T. Welford and others (Eds.), *Society*; P. R. Cox, 'The Population of Britain 1800-1970', Chapter 20 of his *Demography*, 4th edition 1970; D. V. Glass, 'The Components of Natural Increase in England and Wales' in 'Towards a Population Policy for the U.K.' *Supplement to Population Studies*, May 1970; T. McKeown and R. G. Record, 'Reasons for the Decline of Mortality in England and Wales during the Nineteenth Century' in *Population Studies*, November 1962; C. C. Spicer and L. Lipworth, *Regional and Social Factors in Infant Mortality*; General Register Office, *Studies on Medical Population Subjects*, No. 19, 1966; C. Rosser and C. Harris, *Family and Social Change*; C. Turner, *Family and Kinship in Great Britain*; R. Firth, *Two Studies of Kinship in London Families and their*

relatives; Pinchbeck and Hewitt, *Children in English Society*, Vol. II; R. Fletcher, *Family and Marriage*; G. Hawthorn, *Sociology of Fertility*; Hajnal and Henderson, *Economic Position of the Family*; C. Gibson, 'Association between Divorces and Social Class in England and Wales' in *B.J.S.*, March 1974; Yudkin and Holme, *Working Mothers and their Children*; Fogarty and Rappaport, *Sex, Career and Family*; A. Oakley, *Sociology of Housework*; W. J. Goode, 'Impact of Urbanization and Industrialization on the Family' in *Current Sociology*, 1963-64; C. Bell, *Middle Class Families*; M. Craft, *Family, Class and Education*; J. E. Meade, *Efficiency, equality and ownership of property*; J. Douglas, *All our Future*; J. Newson, *Patterns of Infant care in an Urban Community*; R. Frankenberg, *Communities in Britain*; R. E. Pahl, *Patterns of Urban Life*; C. Bell and H. Newby, *Community Studies*; J. Jackson, *Irish in Britain*; S. J. Gould (Ed.), *Jewish Life in Modern Britain*; M. Banton, *Racial Minorities*; D. Hiro, *Black British, White British*.

Additional reading lists will be given for class work.

#### So109(a) The Social Structure of Modern Britain (Classes)

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Soc., Soc. Psych.

#### So110 The Social Structure of the Soviet Union

Dr Weinberg. Sessional.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; optional for M.Sc.

**Syllabus** Major aspects of Soviet social structure will be examined in relation to problems of industrialisation and social change. Particular attention will be given to the analysis of: population and the family, 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. **Recommended reading** will be given during the course.

#### So110(a) The Social Structure of the Soviet Union (Classes)

Twenty classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

#### So111 The Development of Modern Japanese Society

Mr Thurley. Twenty-two lectures, Sessional.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

**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 organization and managerial ideology. The growth of Trade 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.

#### So111(a) The Development of Modern Japanese Society (Classes)

Sessional.

#### So112 Industrialisation and Theories of Social Change

Dr Mouzelis and Mr Roxborough.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc.; M.Sc.

**Syllabus** The main aim of the course is to use major sociological theories of change to examine problems of development/underdevelopment that "Third World" countries are facing today. Neo-evolutionist theories of modernisation and their relevance in explaining economic backwardness. The concept of structural-functional differentiation and its application in the analysis of "developing" countries. Neo-Marxist theories of underdevelopment. Capitalism and the creation of "core" and "peripheral" areas. Classes and other interest groups as obstacles to change. Colonialism and imperialism in

relation to problems of development and underdevelopment.

In the light of the above approaches the following problem areas will be examined: industrialisation and economic policy, class structure and development, urbanisation, agrarian structures and peasant movements, military intervention, and political institutions. The focus will be on the relationships between social, economic and political change. Although not exclusively, material for the more empirical part of the course will be drawn from selected Latin American countries.

**Recommended reading** I. Wallerstein, *The Modern World System*; S. Eisenstadt, *Modernization, Protest and Change*; P. Baran, *The Political Economy of Growth*; H. Bernstein (Ed.), *Underdevelopment and Development*; B. Moore Jr., *Social Origins of Dictatorship and Democracy*; R. Bendix, *Nation Building and Citizenship*; *Work and Authority in Industry*; *Ideologies of Management in the course of Industrialization*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; R. Owen and B. Sutcliffe (Eds.), *Studies in the Theory of Imperialism*; G. Kay, *Development and Underdevelopment: A Marxist Analysis*; A. G. Frank, *Capitalism and Underdevelopment in Latin America*; K. Griffin, *Underdevelopment in Spanish America*; C. Furtado, *Economic Development of Latin America*; J. Paige, *Agrarian Revolution*; S. Huntingdon, *Political Order in Changing Societies*; A. Stepan, *The Military in Politics*; J. Perlman, *The Myth of Marginality*; J. Petras, *Politics and Social Forces in Chilean Development*; R. Hansen, *The Politics of Mexican Development*; A. Stephen (Ed.), *Authoritarian Brazil*.

#### So112(a) Industrialisation and Theories of Social Change

Twenty classes, Michaelmas and Lent Terms.

#### So113 Sociology of Religion

Mrs Scharf and Professor Martin.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; M.Sc.; Dip. Soc. Anth. 1st yr.

**Syllabus** An introduction to the study of

socially shared belief systems, their institutional aspects and relations with the rest of the social order, and their connections with conduct.

Sociology of Judaism and early Christianity. Religion in developing societies. Religion in advanced industrial societies.

**Recommended reading** will be given during the course.

#### So113(a) Sociology of Religion (Class)

Professor Martin and Mrs Scharf. Michaelmas and Lent Terms.

#### So114 Political Sociology

Professor McKenzie and Dr Crouch. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Soc., Soc. Psych.; M.Sc.

**Syllabus** The meaning, scope and method of political sociology: some basic concepts. The contribution of a selected list of writers to the historical development of the subject (including Marx, de Tocqueville, Pareto, Michels, Mosca, Sorel, Ostrogorski, Weber, Graham Wallas).

The relations of the state to other institutions. Social movements, political parties and interest groups: their place in the political process; problems of their inner development; leadership, oligarchy and bureaucracy. The study of political behaviour: participation and non-participation in politics; factors influencing electoral choice; the mass media and public opinion. Decision-making and the political process: the role and social background of political decision-makers. Bureaucracy and the administrative process. Political order and power in modern western societies; the debate over pluralism; the role of values in cohesion; conflict and its institutionalisation; exchange relations in political order.

**Recommended reading** R. Dowse and J. Hughes, *Political Sociology*; I. L.

Horowitz, *Foundations of Political Sociology*; S. N. Eisenstadt, *Political Sociology*; A. Pizzorno (Ed.), *Political Sociology*; S. M. Lipset, *Political Man*; E. Nordlinger (Ed.), *Politics and Society*; H. Hyman, *Political Socialisation*; R. Bendix and S. M. Lipset, *Class, Status and Power* (2nd edn.); R. Michels, *Political Parties* (Collier edn. with Foreword by S. M. Lipset); R. T. McKenzie and A. Silver,

*Angels in Marble*; M. Weber, "Politics as a Vocation" and "Bureaucracy" in H. H. Gerth and C. W. Mills (Eds.), *From Max Weber*; R. T. McKenzie, *British Political Parties*; S. Beer, *Modern British Politics*; R. Rose, *The Problem of Party Government* (2nd edn., 1964); R. Miliband, *The State in Capitalist Society*; V. O. Key, *Politics, Parties and Pressure Groups*; G. Wallas, *Human Nature in Politics*; W. G. Runciman, *Social Science and Political Theory*; A. Ranney (Ed.), *Essays on the Behavioural Study of Politics*; N. W. Polsby et al, *Politics and Social Life*; H. H. Eckstein and D. E. Apter (Eds.), *Comparative Politics*; R. Aron, *Main Currents in Sociological Thought*; M. Ostrogorski, *Democracy and the Organisation of Political Parties*; M. Duverger, *Political Parties*; J. LaPalombara and M. Weiner, *Political Parties and Political Development*; A. Leiserson, *Parties and Politics*; G. Mosca, *The Ruling Class*; S. Finer, *Pareto*; C. W. Mills, *The Power Elite*; W. L. Guttsman, *The British Political Elite*; T. B. Bottomore, *Elites and Society*; R. Dahl, *Who Governs?*; A. Rose, *The Power Structure*; R. E. Lane, *Political Ideology*; K. Shell, *The Democratic Political Process*; R. K. Merton and others, *Reader in Bureaucracy*; J. A. Schumpeter, *Capitalism, Socialism and Democracy*; R. E. Lane and D. Sears, *Public Opinion and Ideology*; B. R. Berelson and M. Janowitz (Eds.), *Reader in Public Opinion and Communication*; J. T. Klapper, *The Effects of Mass Communication*; H. D. Lasswell, *Politics*; *Who Gets What, When, How*; H. D. Lasswell and A. A. Kaplan, *Power and Society*; D. Easton, *A Framework for Political Analysis*; P. Pulzer, *Political Representation and Elections in Britain* (3rd edn.); R. Rose, *Politics in England*; *Studies in British Politics*; J. Trenaman and D. McQuail, *Television and the Political Image*; B. R. Berelson and others, *Voting*; A. Campbell and others, *The American Voter*; E. Burdick and A. J. Brodbeck (Eds.), *American Voting Behaviour*; D. Butler and D. Stokes, *Political Change in Britain* (2nd Edn.); W. Kornhauser, *The Politics of Mass Society*; S. E. Finer, *Anonymous Empire: The Political Quarterly*, January-March, 1958: Special Number on Pressure Groups; M. Harrison, *Trade Unions and the Labour Party since 1945*; D. B. Truman, *The Governmental Process*; G. A. Almond and S. Verba, *The Civic Culture*; L. Pye and S. Verba

(Eds.), *Political Culture and Political Development*; E. Allardt and Y. Littonen, *Cleavages, Ideologies and Party Systems*; S. M. Lipset and S. Rokkan, *Party Systems and Voter Alignments*; S. Rokkan, *Citizens, Elections, Parties*; E. Allardt and S. Rokkan (Eds.), *Mass Politics*; D. Easton and J. Dennis, *Children and the Political System*; N. Poulantaz, *Political Power and Social Classes*; M. Albrow, *Bureaucracy*; B. Jessop, *Traditionalism, Conservatism and British Political Culture*; B. Barry, *Sociologists, Economists and Democracy*; R. Dahrendorf, *Class and Class Conflict in Industrial Society*.

#### So114(a) Political Sociology (Classes)

Twenty classes, Michaelmas and Lent Terms.

#### So115 Political Processes and Social Change

Mr Stewart. Twenty-three lectures, Sessional.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; M.Sc.

**Syllabus** The nature of political power and the role of political processes in relation to different patterns of social change; theories of the state; patterns of political change in relation to modernisation and industrialisation; class structure and political action; major types of political movements; reformism and revolution; continuity and change in post-revolutionary situations; the politics of underdevelopment.

**Recommended reading** B. Moore, Jr., *Social Origins of Dictatorship and Democracy*; R. Bendix (Ed.), *State and Society*; R. Bendix, *Nation-Building and Citizenship, Part I*; K. Marx, *The Civil War in France*; R. Miliband, *The State in Capitalist Society*; C. Schorske, *German Social Democracy*; G. Roth, *The Social Democrats in Germany*; A. Gramsci, *The modern Prince*; R. Miliband, *Parliamentary Socialism*; F. Engels, *The Peasant War in Germany*; W. Kornhauser, *The Politics of Mass Society*; N. Smelser, *The Theory of Collective Behaviour*; S. M. Lipset, 'Fascism Left, Right and Centre' in *Political Man*; S. J. Wolf (Ed.), *The Nature of Fascism*; T. Parsons, 'Democracy and Social Structure in Pre-Nazi Germany' and 'Some Sociological Aspects of Fascist

Movements' in *Essays on Sociological Theory*; J. Cammett, 'Communist Theories of Fascism', 1920-1935, *Science and Society*, 31, 1966; J. Dunn, *Modern Revolutions*; C. Johnson, *Revolutionary Change*; T. Shanin, *The Awkward Class*; I. Deutscher, *The Unfinished Revolution*; J. Finkle and R. Gable, *Political Development and Social Change* (chaps. 1, 2 and 12); A. Gunder Frank, *Capitalism and Development in Latin America*; R. Debray, *Strategy for Revolution*; P. Baran, *The Political Economy of Growth*; Petras and Zeitlin, *Latin America, Reform or Revolution?*; G. Ionescu and E. Gellner (Eds.), *Populism*; I. Horowitz (Ed.), *Masses in Latin America* (Sects. 1, 2, 3, 7, 8, 11, 13, 15, 16); E. Wolf, *Peasants*; *Peasant Wars of the 20th Century*; G. Huizer, *Peasant Rebellion in Latin America*; A. Landsberg, *Latin American Peasant Movements*.

#### So115(a) Political Processes and Social Change (Classes)

Mr Stewart. Twenty classes, Sessional.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; M.Sc.

#### So116 Industrial Sociology

Dr S. Hill and Mr Burrage. Sessional.

For B.Sc. c.u. main fields Soc., Soc. Psych.; B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.

**Syllabus** The relation between industry and other elements of society: politics, education, class stratification. The structure of industrial relations. The internal organisation of industrial enterprises examined with reference to worker morale and shopfloor structure, supervision and management. The sociology of occupations and professions.

**Recommended reading** D. Silvermann, *The Theory of Organizations*; S. R. Parker et al, *The Sociology of Industry*; N. Mouzelis, *Organization and Bureaucracy*; M. Crozier, *The Bureaucratic Phenomenon*; R. Blauner, *Alienation and Freedom*; J. H. Goldthorpe et al, *The Affluent Worker*; D. Lockwood, *The Blackcoated Worker*; R. Dore, *British Factory—Japanese Factory*; G. Bain et al, *Social Stratification and Trade Unionism*; M. Mann, *Consciousness and Action among the Western Working Class*; H. Braverman, *Labor and Monopoly Capital*; M. Rose,

*Industrial Behaviour*; T. Lane, *The Union Makes Us Strong*; A. Fox, *Beyond Contract-Work, Power and Trust Relations*; E. Roll, *An Early Experiment in Industrial Organization*; E. Surrey Dane, *Peter Stubs and the Lancashire Hand Tool Industry*; C. Wilson and W. J. Reader, *Men and Machines*; W. Rodgers, *Think: a biography of the Watsons and IBM*; A. Nevins, *Ford: the times, the man, the company*; A. Flanders, *The Fawley Productivity Agreements*; P. F. Drucker, *The Concept of the Corporation*; G. S. Gibb, *The Saco-Lowell Shops: Textile Machinery Building in New England 1813-1949*.

#### So116(a) Industrial Sociology (Classes)

Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Soc., Soc. Psych.; B.Sc. S.S. and A.

#### So117 Sociology of Sex and Gender Roles: Women in Society

Mrs Scharf and others. Twenty lectures, Michaelmas and Lent Terms. For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.

**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, 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, France, Scandinavia and the Soviet Union.

**Recommended reading** will be given at the beginning of the course.

#### So117(a) Sociology of Sex and Gender Roles: Women in Society

Twenty-five classes, Sessional.

#### So118 Criminology

Professor Morris. Thirty-two lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Psych., Soc.; B.Sc. (Econ.) Part II. Optional for Dip. Soc. Admin.

**Syllabus** The sociological conception of crime. Origins and development of criminology. Incidence of crime and problems of measurement. Sociological and other explanatory theories of criminal behaviour. The sociology of social control, with special reference to the modern English penal system. Criminology (i) deals with concepts and theoretical development; Criminology (ii) deals with social control and sanction.

**Recommended reading I** E. H. Sutherland and D. R. Cressey, *Principles of Criminology*, 7th edn.; T. Morris, *Deviance and Control: the Secular Heresy*; E. Lemert, *Social Pathology*; M. Clinard, *Sociology of Deviance*; D. Gibbons, *Society, Crime, and Criminal Careers*; M. Phillipson, *Sociological Aspects of Crime and Delinquency*.

II M. Wolfgang, L. Savitz, and N. Johnston, *Sociology of Crime and Delinquency*; M. Clinard and R. Quinney, *Criminal Behaviour Systems*; E. Rubington and M. Weinberg, *Deviance: An Interactionist Perspective*; The Study of Social Problems; D. R. Cressey and D. Ward, *Delinquency, Crime and Social Process*; C. Bersani, *Crime and Delinquency*; S. Dinitz, R. Dynes, and A. C. Clarke, *Deviance: Studies in the Process of Stigmatization and Societal Reaction*; W. Carson and P. Wiles, *Crime and Delinquency in Britain*.

III H. Mannheim, *Comparative Criminology*; B. Wootton, *Social Science and Social Pathology*; H. Becker, *The Outsiders*; K. T. Erikson, *Wayward Puritans*; J. Skolnick, *Justice without Trial*; T. P. and P. J. Morris, *Pentonville*; W. Chambliss, *Crime and the Legal Process*; P. Carlen, *Magistrates' Justice*; V. Aubert (Ed.), *The Sociology of Law*; N. M. Kittrie, *The Right to be Different*.

OTHER SOURCES: The Harper and Row *Social Problems Series*, (Ed.) D. R. Cressey. The President's Crime Commission Report, *Challenge of Crime in a Free Society*. Also the following journals: (U.S.A.) *Social Problems*; *Journal of Criminal Law*; *Criminology*; *Police Science*; (U.K.) *The British Journal of Criminology*; *Howard Journal*.

### So118(a) Criminology (Class)

Professor T. P. Morris. Twenty classes, Sessional.

For B.Sc. c.u. main fields Soc., Soc. Psych. 2nd yr.; B.Sc. (Econ.) Part II.

### So119 Sociology of Deviant Behaviour

Dr Rock and Dr Downes. Ten lectures, Michaelmas Term.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr. Optional for M.Sc.

**Syllabus** A systematic introduction to the sociology of deviant behaviour and linked phenomena, which entails discussion of the manner in which deviancy is conceived, forms of deviant organisation, and the nature of social control. The course will undertake a detailed examination of the history of sociological thought on these matters and will also focus on a number of important empirical examples of the phenomena that the theories consider. In particular stress will be placed upon structural, functional, phenomenological, interactionist, conflict, and ecological perspectives of deviance.

**Recommended reading** will be given during the course.

### So119(a) Sociology of Deviant Behaviour (Seminar)

Dr Rock and Dr Downes.

Twenty-three seminars, Sessional.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II. Optional for M.Sc.

## II M.Sc. SOCIOLOGY PRELIMINARY YEAR

### So150(i) Sociological Theory (Seminar)

Dr Sklair. Sessional.

**Syllabus** The course will consist of a critical evaluation of the works of Marx, Weber, Durkheim and Parsons, and an examination of some of the contemporary developments in modern social theory stimulated by them.

**Recommended reading** K. Korsch, *Karl Marx*; R. Bendix, *Max Weber: An Intellectual Portrait*; R. Bierstedt, *Emile Durkheim*; M. Black (Ed.), *The Social Theories of Talcott Parsons*; R. Aron, *Main Currents in Sociological Thought*, 2 vols.; H. Stuart Hughes, *Consciousness and Society*; R. Nisbet, *The Sociological Tradition*; A. Giddens, *Capitalism and Modern Social Theory*; P. S. Cohen,

*Modern Social Theory*; J. Rex, *Key Problems of Sociological Theory*.

### So150(ii) Social Institutions (Seminar)

Dr Crouch. Sessional.

**Syllabus** An introduction to the comparative study of selected aspects of different societies and the characteristic processes which occur within them; historical and contemporary variations in societal organization. Issues of stratification and power relations: slavery, feudalism, oriental despotism, caste and capitalism; bureaucracy, industrialisation, modern industrial society and state socialism. Theoretical issues involved in comparative sociology, with particular reference to the problem of rationality.

**Recommended reading** P. Anderson, *Lineages of Absolutist State*; P. Anderson, *Passages from Antiquity to Feudalism*; M. Archer and S. Giner (Eds.), *Contemporary Europe: Class, Status and Power*; D. Bell, *The Coming of Post-Industrial Society*; R. Bendix and S. M. Lipset (Eds.), *Class, Status and Power* (2nd edn.); M. Bloch, *Feudal Society*; R. Coulborn (Ed.), *Feudalism in History*; L. Dumont, *Home Hierarchic*; S. N. Eisenstadt, *Essays in Comparative Institutions*; S. N. Eisenstadt, *The Political Systems of Empires*; M. I. Finley, *Slavery in Classical Antiquity*; J. K. Galbraith, *The New Industrial State*; E. D. Genovese, *In Red and Black*; A. Giddens, *Class Structure of the Advanced Societies*; C. Heller (Ed.), *Structured Social Inequality*; R. Hilton (Ed.), *The Transition from Feudalism to Capitalism*; B. F. Hoselitz and W. E. Moore, *Industrialisation and Society*; E. Kamenka and R. S. Neale, *Feudalism, Capitalism and Beyond*; C. Kerr et al, *Industrialism and Industrial Man*; D. Lane, *The End of Inequality?; The Socialist Industrial State*; L. Lindberg et al, *Stress and Contradiction in Modern Capitalism*; B. Moore Jr., *Social Origins of Dictatorship and Democracy*; F. Parkin, *Class Inequality and Political Order*; H. Rosenberg, *Bureaucracy Aristocracy and Autocracy*; B. Wilson (Ed.), *Rationality*; K. Wittfogel, *Oriental Despotism*.

### So151 Methods of Social Investigation

Dr Hopper. Sessional.

## III M.Sc. SOCIOLOGY FINAL-YEAR, AND OTHER GRADUATE COURSES

### So160 Design and Analysis of Social Investigations

Mrs Spitz, Dr Mann and Professor Cohen. Twenty meetings, Michaelmas and Lent Terms.

For M.Sc. Other graduate students may attend only by arrangement with the lecturers.

**Syllabus** The main problems arising in the design of social investigations, the collection of data and the analysis and interpretation of results.

**Recommended reading** Detailed recommendations will be made during the course, but the following may be regarded as introductory reading: E. Nagel, *The Structure of Science*; H. M. Blalock, *An Introduction to Social Research*; N. K. Denzin, *Sociological Methods*; C. Sellitz and others, *Research Methods in Social Relations*; C. A. Moser and G. Kalton, *Survey Methods in Social Investigation*; C. Y. Glock (Ed.), *Survey Research in the Social Sciences*; B. S. Phillips, *Social Research: Strategy and Tactics*; S. Payne, *The Art of Asking Questions*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*; H. Zeisel, *Say It with Figures*; D. P. Forcese and S. Richer (Eds.), *Stages of Social Research*; H. S. Becker, *Sociological Work*.

### So161 Design and Analysis of Social Investigations: Project Class

Dr Hopper. Sessional.

For M.Sc. Arrangements may be made for students to take an alternative option to this.

### So162 Social Structure of Industrial Societies

Mr Burrage and others. Sessional.

This course will include lectures and seminars.

For M.Sc. and other graduate students. **Syllabus** Problems of comparative study. Convergence and divergence. Population structure and urbanisation. Occupational structure and industrial organization. Income and wealth. The nature and objectives of the educational system. Religion and religious institutions. Social stratification and social mobility. Political

organization and the structure of power. Industrial relations and labour movements. The course will focus on Britain, France, the U.S.S.R., the U.S.A. and Japan. Reading lists and copies of basic statistical tables will be supplied.

#### **So163 Sociology of Development (Seminar)**

Mr Stewart, Dr Mouzelis and Mr Roxborough. Sessional. For M.Sc. Other graduate students may attend by arrangement.

**Recommended reading** B. F. Hoselitz and W. E. Moore, *Industrialisation and Society*; A. and E. Etzioni, *Social Change*; E. Wallerstein, *Social Change: the Colonial Situation*; C. Geertz (Ed.), *Old Societies and New States*; G. M. Meier (Ed.), *Leading Issues in Development Economics*; A. N. Agarwala and S. P. Singh (Eds.), *The Economics of Underdevelopment*; H. Myint, *The Economics of Developing Countries*; A. W. Lewis, *The Theory of Economic Growth*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; W. W. Rostow, *The Stages of Economic Growth*; B. F. Hoselitz, *The Sociological Aspects of Economic Growth*; S. Eisenstadt, *Modernisation—Protest and Change*; B. Moore, Jr., *The Social Origins of Dictatorship and Democracy*; A. G. Frank, *Capitalism and Underdevelopment in Latin America*; P. Baran, *The Political Economy of Growth*; R. Bendix, *Nation-Building and Citizenship*; G. A. Almond and J. S. Coleman, *The Politics of the Developing Areas*; M. Janowitz, *The Military in the Political Development of New Nations*; J. J. Johnson (Ed.), *The Role of the Military in Underdeveloped Countries*; L. P. Mair, *New Nations*; Peter Worsley, *The Third World*; E. A. Gellner, *Thought and Change*; D. Lerner, *The Passing of Traditional Society*; D. C. McClelland, *The Achieving Society*; J. A. Schumpeter, *The Theory of Economic Development*; C. Kerr et al., *Industrialism and Industrial Man*; R. Bendix, *Work and Authority in Industry*; J. J. Johnson, *Political Change in Latin America: the Emergence of the Middle Sectors*; J. Lambert, *Latin America*; N. J. Smelser and S. M. Lipset, *Social Structure and Mobility in Economic Development*.

#### **So164 Sociology of Education**

Dr Hopper. Twenty seminars,

Sessional.

This course will not be given in 1977–78.

For M.Sc.; M.Phil.

**Syllabus** Education as a selection and training institution in industrial societies. Education and social control. The influence of social structure upon the forms and content of education. Selected topics based on the interests of the participants of the seminar. **Recommended reading** will be given during the course.

#### **So165 Sociology of Deviant Behaviour (Seminar)**

Professor T. P. Morris, Dr Rock and Dr D. M. Downes. Sessional. For M.Sc.

**Syllabus and recommended reading** will be given at the beginning of the course.

#### **So166 Sociology of Religion (Seminar)**

Mrs Scharf, Professor D. A. Martin and Mrs Barker. Sessional. For M.Sc. and other graduate students.

#### **So167 Race Relations (Seminar)**

Professor Cohen. Twenty meetings, Sessional. For M.Sc. and other graduate students.

#### **So168 Political Change and Political Development (Seminar)**

Mr Stewart. Sessional. For M.Sc. and other graduate students. **Recommended reading** B. Moore, Jr., *Social Origins of Dictatorship and Democracy*; R. Bendix (Ed.), *State and Society*; R. Bendix, *Nation-Building and Citizenship*; P. Anderson, *Lineages of the Absolutist State*; W. Kornhauser, *The Politics of Mass Society*; N. Smelser, *Theory of Collective Behaviour*; J. Foster, *Class, Struggle and the Industrial Revolution*; E. P. Thompson, *The Making of the English Working Class*; Z. Bauman, *Between Class and Elite*; N. Poulantzas, *Facism and Dictatorship*; S. J. Woolf (Ed.), *The Nature of Fascism*; G. Roth, *The Social Democrats in Imperial Germany*; M. Liebman, *The Russian Revolution*; B. Moore, Jr., *Soviet Politics*; R. Medvedev, *Let History Judge*.

#### **So169 Topics in Political Sociology: Broadcasting and the Public Interest**

Professor McKenzie and Professor Himmelweit. Lent Term.

Optional for M.Sc. and other graduate students.

**Description of course** The topic specified will be covered in 1977–78. Topics will vary from time to time.

#### **So170 Sociological Theory (Seminar)**

Professor D. A. Martin and Mrs Barker. Sessional. For M.Sc.

#### **So171 Political Sociology of Latin America (Seminar)**

Mr Roxborough and Dr Philip. Twenty seminars, Sessional. For M.A. Area Studies.

### **IV ADDITIONAL COURSES FOR UNDERGRADUATES AND GRADUATES**

#### **So180 Sociological Theory and its Uses**

Professor Cohen. Twenty-five lectures, Sessional. This course will not be given in 1977–78. For interested graduate students.

#### **So181 Marxist Ideas and Movements**

Dr Swingewood. Ten lectures, Lent Term. For interested students. **Syllabus** Marx's social and political theory: its development in Kautsky, Lenin, Trotsky. The theories of permanent revolution, hegemony, class consciousness. Analysis of specific Communist parties in terms of ideology and social structure. **Recommended reading** will be given during the course.

#### **So182 Marxist Ideas and Movements (Seminar)**

Dr Swingewood. Lent and Summer Terms.

For interested students.

#### **So183 Sociology of Literature (Seminar)**

Dr Swingewood. Fortnightly, Sessional. This course will not be given in 1977–78.

For interested students.

**Syllabus** This seminar will explore the theoretical problems of the sociology of literature and then discuss some empirical work.

#### **So184 Research Seminar on the Sociology of Crime and Deviance**

Dr Rock, Professor Morris and Dr Downes. Twenty seminars, Sessional.

**Syllabus** The Seminar is intended for students preparing dissertations on the Sociology of Deviance for the M.Phil. and Ph.D. degrees. Designed to encourage public discussion of evolving work, it will enable participants to review their own, others', and general, problems encountered in the process of exploring deviant and allied phenomena.

#### **So185 Convener's Seminar in Sociology**

Profesor MacRae. Sessional. For graduate students.

#### **So186 Current Sociological Research (Seminar)**

Fortnightly, Sessional. Optional for M.Phil., Ph.D. and Research Fee students in Sociology.

#### **So187 The Psychoanalysis of Man and Society: A Course in Applied Psychoanalysis for Social Scientists**

Dr Badcock. Twenty lectures, Michaelmas and Lent Terms. For interested students.

**Description of course** The course aims to give a psychoanalytic perspective on the evolution of human society, and in particular to explore the relation between individual psychology, religion and forms

of economic life and social structure. Specific issues which will be considered are as follows: the relation between clinical and applied psychoanalysis; *Totem and Taboo* in the light of recent research; the sociobiology of the hunting hominids and its relation to the primal horde hypothesis; the origins of initiation ceremonies, religion, ritual and magic; the origin of agriculture and its relation to the psychology of polytheism in Ancient Egypt and Ancient Greece; pastoralism and its relation to monotheism; the case of Judaism; the evolution of Christianity; the psychopathology of Luther and the origins of the Reformation. The psychoanalysis of Protestantism, capitalism, communism and fascism. Psychoanalysis and the crisis of the modern world; future prospects for applied psychoanalysis.

**Note:** Students' attention is drawn to the Intercollegiate Seminar in **The Sociology of Islam**, details of which will be posted when available, on the Sociology Department notice board.

## L.S.E. Books

Some recent volumes published under a joint imprint of the School and selected publishers are listed below. Enquiries should be addressed to the Publications Officer.

### A Manual of European Languages for Librarians

C. G. ALLEN  
Bowker £25.00 net

### The Great Powers and the Polish Question 1941-1945

A Documentary Study in Cold War Origins  
ANTONY POLONSKY  
L.S.E. £5.00 net

### Systems of States

MARTIN WIGHT  
Edited by HEDLEY BULL  
Leicester University Press £7.00 net

### Oil and Empire

British Policy and Mesopotamian Oil 1900-1920  
MARIAN KENT  
Macmillan £10.00 net

### Public Enterprise Economics

L.S.E. Handbooks in Economic Analysis  
RAY REES  
Weidenfeld & Nicolson hardback £7.50 net, paperback £3.95 net

### The Origin of the Communist Autocracy

Political Opposition in the Soviet State 1917-1922  
Second Edition  
LEONARD SCHAPIRO  
Macmillan £10.00 net

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# ECONOMICA

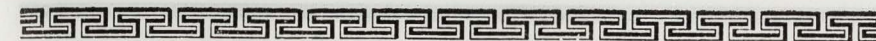
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Volume 43, 1976, contains the following articles:

- Alternative Solutions for the Control of Production Externality in a General Equilibrium Model.....*G. C. Archibald and Colin Wright*  
Alternative Tax Systems to Correct for Externalities, and the Efficiency of Paying Compensation.....*Sally Holterman*  
Collective Agreements and Relative Earnings in UK Manufacturing in 1973. *Charles Mulvey*  
Evaluation, Equi-proportional Export Subsidies and Import Tariffs, and Transfer Payments.....*Edward A. Kuska*  
Estimation of the Structural Parameters in a Permanent Income Model...*C. L. F. Attfield*  
A Formal Analysis of the Cambridge Economic Policy Group Model.....  
*Francis Cripps and Wynne Godley*  
Futures Price Oscillations.....*M. G. Ailingham*  
The Impossibility of a Just Liberal.....*Jerry S. Kelly*  
An Inter-Industry Analysis of Strike Frequency.....*John Shorey*  
International Differences in Corporate Profitability.....*William James Adams*  
Job Search and Participation.....*Christopher A. Pissarides*  
Liberty, Unanimity and Rights.....*Amartya Sen*  
Market Structure and Derived Demand.....*Terry G. Foran*  
A Micro-Model of Price Inflation.....*Penelope A. Rowlatt*  
A Note on the Relation between the Rate and Variability of Inflation.....  
*Dennis E. Logue and Thomas D. Willett*  
On the Efficiency and Equity of Betting Markets.....*Jack Dowie*  
On the Existence of Social Welfare Functions, Social Orderings and Social Design Functions  
*Murray C. Kemp and Yew-Kwang Ng*  
The Optimal Congestion Charge When Equity Matters.....*Jane H. Leuthold*  
Optimal Stabilization Policies and the Government Budget Constraint.....*D. A. Currie*  
The Original Phillips Curve Estimates.....*C. L. Gilbert*  
A Portfolio Balance Model for a Two-Tier Exchange Market...*B. Decaluwe and A. Steinherr*  
Price-Cost Margins and Market Structure.....*Keith Cowling and Michael Waterson*  
Price, Quality and Quantity Regulation in Monopoly Situations.....*Eytan Sheshinski*  
Professor Hicks and the Keynesians.....*Malcom R. Fisher*  
Profit-Sharing, Labour Effort and Optimal Distributive Shares.....*James R. Markusen*  
Regional Economic Policy and the Movement of Manufacturing Firms to Development  
Areas.....*Barry Moore and John Rhodes*  
Remarks on the Theory of Collective Choice.....*Kotaro Suzumura*  
A Reply to Newbery on Free-Access Resources.....*J. R. Gould*  
Simultaneous Control of Prices and Output.....*S. S. L. Chang and H. O. Stekler*  
Technological Change, Factor Intensity Reversals and Trade.....*James R. Melvin*  
Two Notes on Marx and the "Transformation Problem".....*Allen Oakley*  
The Use of Compensating and Equivalent Variations in Cost-Benefit Analysis...*E. J. Mishan*  
Wage Rate Differences by Race and Sex in the US Labour Market: 1960-1970.....  
*Robert P. Strauss and Francis W. Horvath*

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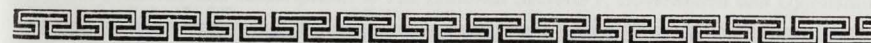
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